Quarterly Activities Report for the Period Ended 30 September 2018

Kildare Zinc Project, Ireland (ZMI: 100%)

- ***Allenwood Corridor - New high-grade zinc in previously untested Allenwood Corridor, with drill hole Z_3846_003 at Allenwood West returning:***
  - ***1.5m @ 10.5% Zn+Pb from 160.1m; and***
  - ***2.6m @ 9.3% Zn+Pb from 171.9m***
- ***Allenwood Corridor confirmed as a genuine 2km long exploration target located ~1km north of the McGregor Corridor***
- **Celtic Tiger** - ***Drilling extends zinc mineralisation at Celtic Tiger over strike of 160m, returning:***
  - ***2.3m @ 10.5% Zn+Pb from 197.5m in Z_4069_026; and***
  - ***7.9m @ 5.7% Zn+Pb from 185m in Z_4069_024.***
- ***Potential for Celtic Tiger to add valuable shallow tonnes towards critical mass***
- ***Demonstrates growth potential of McGregor Corridor***
- **McGregor Northwest** – ***similar stratigraphic and structural features to McGregor observed, with drill hole Z_4069_019 returning:***
  - ***0.65m @ 11.1% Zn+Pb from 281.35m and 1.7m @ 6.62% Zn+Pb from 288.8m.***
- ***Other Technical: Drilling continues at McGregor and Shamrock***
- ***Metallurgical hole underway & test work planned***
- ***Structural study completed & 3D modelling advanced; implications for exploration model.***

Corporate

- ***Leonora transaction delivers $490k cash payment & $200k share payment.***
- ***Tranche 2 of capital raising completed; Directors are major contributors***
- ***Dr Julian Barnes joins the ZMI Board***
- ***Cash at bank of ~$3.44 million at end of quarter***

INTRODUCTION

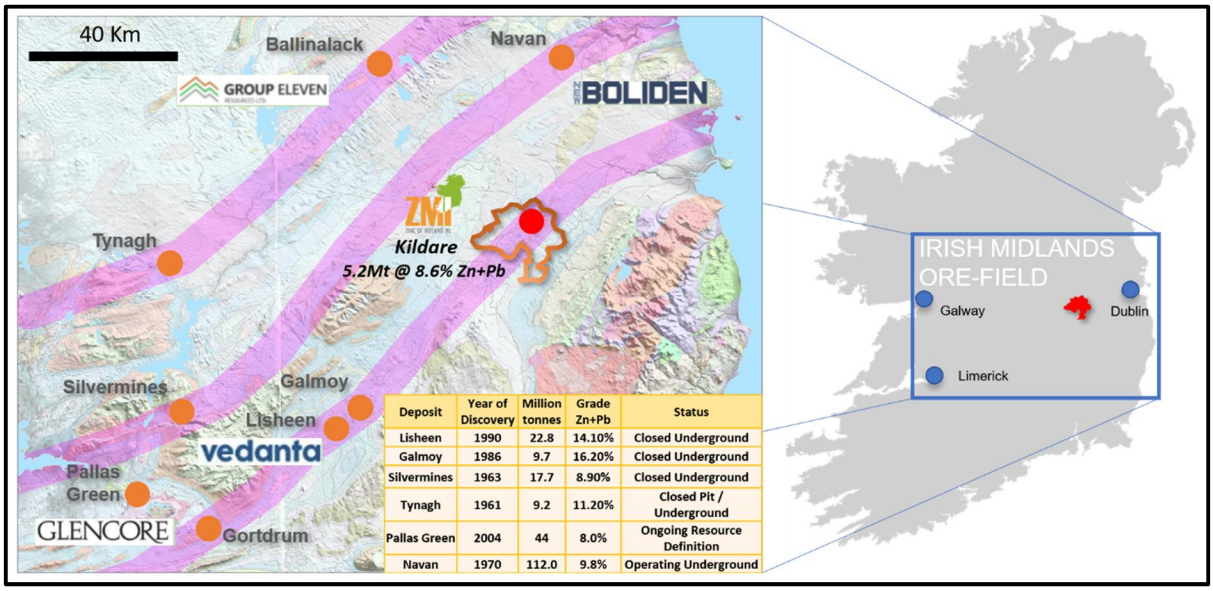
European base metals explorer Zinc of Ireland NL (ASX: ZMI) ("**ZMI**" or "**Company**") has had another productive quarter, where exploration continues at its **100%-owned Kildare Zinc Project** in Ireland. The phase four drilling program has been ongoing throughout, with complimentary works being undertaken on the geological history and 3D modelling of the area. The Company completed the second stage of a capital raising, received a cash payment of $490,000 in relation to the Leonora sale transaction, and further strengthened its Board of Directors with the appointment of Dr Julian Barnes.

DRILLING UPDATE

ZMI'S Phase 4 drilling at Kildare has identified a significant new high-grade zinc position at Allenwood West and has also extended the scope of the zinc and lead discovery at Celtic Tiger (announcement 24/10/18).

The Program is part of ZMI's ongoing strategy to expand the current JORC Inferred Resource of **5.2Mt @ 8.6% Zn+Pb** by targeting new ore positions and extensions to existing ore positions, as displayed in Figure 2. The results from both Allenwood West and Celtic Tiger have exciting implications as each of these results open up growth opportunities for ZMI well outside the Project's current Resource inventory.

The Allenwood Corridor has not previously been explored by ZMI, so the presence of high-grade zinc at Allenwood West (***1.45m @10.5% Zn+Pb*** from 160.1m & ***2.6m @ 9.3% Zn+Pb*** from 171.9m in Z_3846_003, down hole lengths, true widths unknown) is particularly exciting. Allenwood West is located ~650m from the main resource at McGregor. Refer to Appendix 1 for details of the individual drill hole sample intervals and grades.



Deposit	Year of Discovery	Million tonnes	Grade Zn+Pb	Status
Lisheen	1990	22.8	14.10%	Closed Underground
Galmoy	1986	9.7	16.20%	Closed Underground
Silvermines	1963	17.7	8.90%	Closed Underground
Tynagh	1961	9.2	11.20%	Closed Pit / Underground
Pallas Green	2004	44	8.0%	Ongoing Resource Definition
Navan	1970	112.0	9.8%	Operating Underground

Figure 1: Regional setting of the Kildare Project and major Irish zinc mines and prospects.

The presence of high-grade zinc at Allenwood West transforms the outlook for the Kildare Project as a whole by significantly upgrading the Allenwood Corridor as a domain for additional discovery and resource inventory growth. With the historical focus having been on the McGregor and Shamrock deposits, the Kildare Project remains open to new and significant discoveries in line with the Irish-Type Zinc model as characterised by the Lisheen and Galmoy mines located to the south west of the Project (see Figure 1).

The extension of high-grade zinc mineralisation at Celtic Tiger over a strike of 160m (***2.3m @10.5% Zn+Pb*** from 197.5m in Z_4069_026 and ***7.9m @ 5.7% Zn+Pb*** from 185m in Z_0469_024 down hole lengths, true widths unknown) continues to reinforce the potential of the Project to host significant zinc mineralisation within 200m of surface. Celtic Tiger is located approximately 1km to the west of the main Resource at McGregor (Figure 2).

Eleven drill holes have been completed in the phase 4 program at Kildare, where ZMI is exploring for new ore positions, extensions to know mineralisation, and seeking to better define the basin architecture of the Allenwood Graben.

Allenwood Corridor

The *Allenwood Corridor* (AC) was identified by ZMI as a domain of interest following a review of geophysical datasets, historical soils, deep overburden geochemistry, and historical drilling. Two areas were prioritised within AC for the current phase 4 drilling program. At *Allenwood West*, drilling was designed to test the

hanging wall side of a strongly mineralised fault within the AC. The *Allenwood East* prospect was the focus of historical drilling which appears to have targeted a pipe-like structure beneath a deep overburden anomaly.

At Allenwood West, located approximately 650m from the main resource at McGregor, drill hole Z_3846_003 intersected a steeply dipping zone of significant breccia-hosted mineralisation, including two zones of high-grade zinc and lead mineralisation comprising ***1.45m @ 10.5% Zn+Pb*** from 160.1m, and ***2.6m @ 9.3% Zn +Pb from 171.9m,*** *as shown in Figures 3 and 5*. The mineralisation is associated with calcite and marcasite in what is interpreted to represent a fault breccia towards the top of the Waulsortian Reef. The hole continued beyond this zone and tested the base of Waulsortian Reef on the footwall side of the fault. The high-grade fault related zinc mineralisation at Allenwood West is comparable to the fault related mineralisation observed in the upper Waulsortian Reef at McGregor.

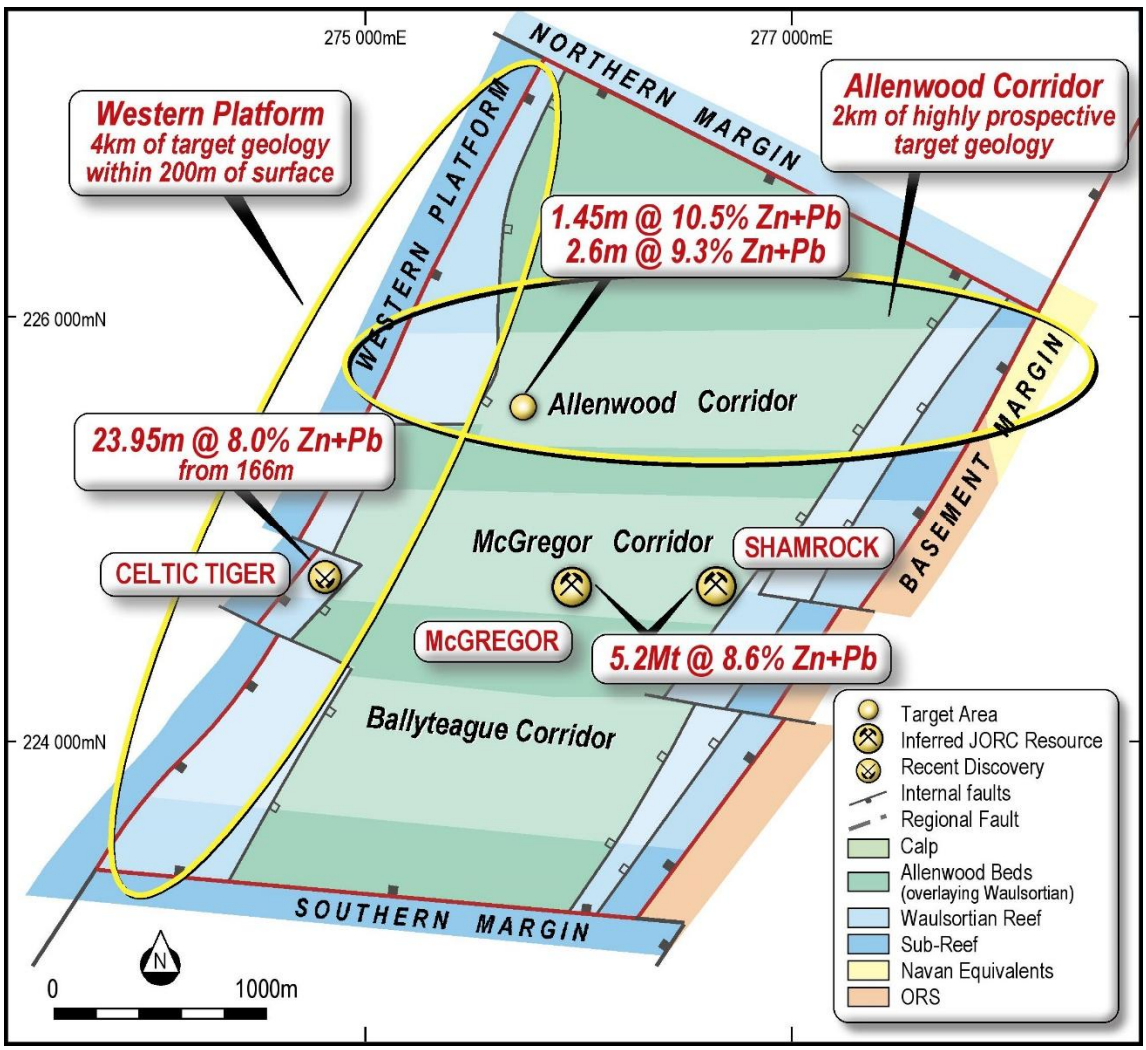


Figure 2: Allenwood Graben highlighting prospective areas around McGregor.

The mineralisation in Z_3846_003 correlates well with historical hole 1629_66 located 80m SSW (eg ***5.2m @ 9.5% Zn+Pb***, and ***0.21m @ 21.2% Zn+Pb*** down hole lengths, true widths unknown). The strike and down dip potential of the steeply dipping mineralisation and the target horizon base of Reef mineralisation remains to be tested.

At Allenwood East, ZMI's reinterpretation of the prospect utilised observations from recent drilling at the McGregor deposit in conjunction with deposit models for Irish-type mineralisation developed from the Lisheen and Galmoy mines to the southwest. As a result, ZMI considers the principal target at Allenwood East to be base of Waulsortian Reef mineralisation in the hanging wall of a west-dipping fault to the west of the historical drilling.

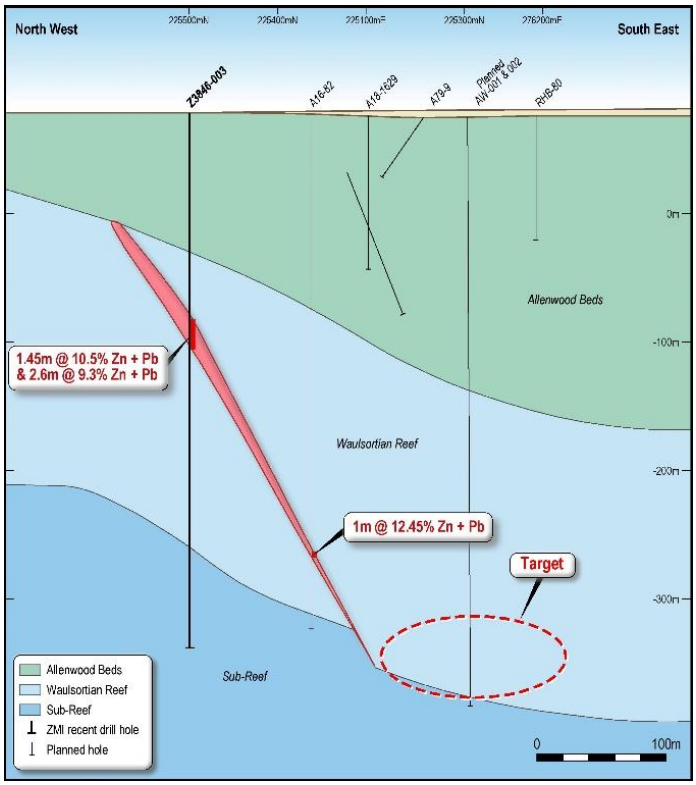


Figure 3: Cross section through Z_3846_003 highlighting interpreted fault-controlled mineralisation and a revised base of Reef target.

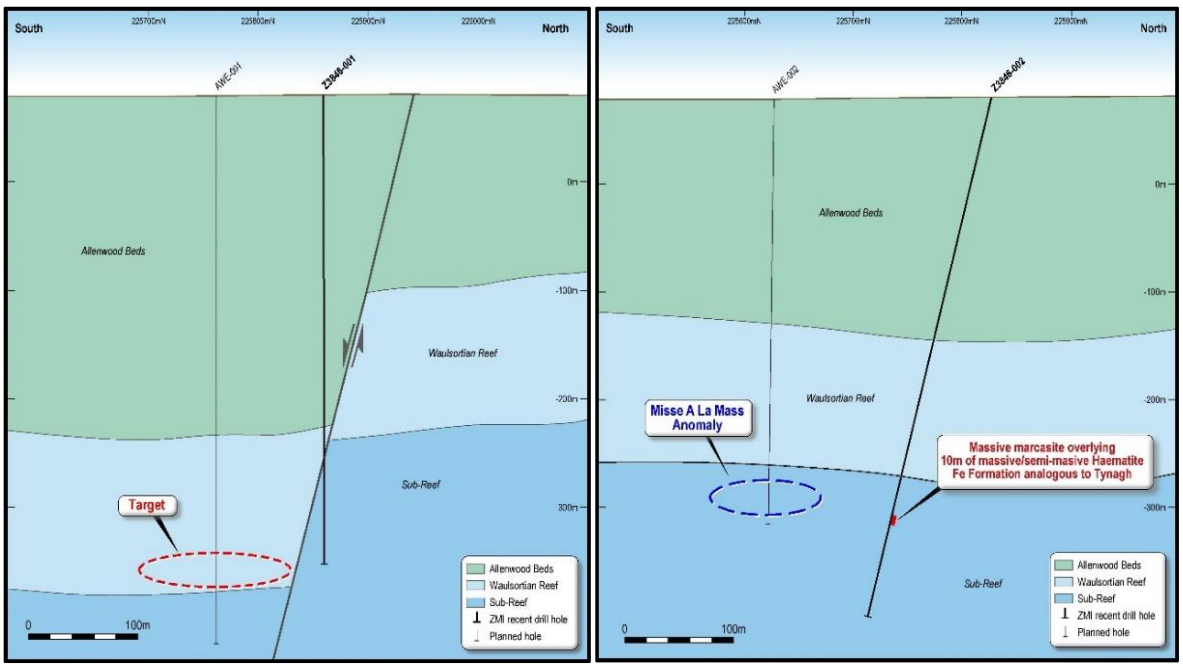


Figure 4: Left; N-S cross section through Z_3846_001 showing the norther margin of the Allenwood Corridor, and the proposed follow up hole to test the base of reef target. Right; N-S cross section through Z_3846_002, highlighting the proposed hole to follow up the Mise a la masse chargeability anomaly.

Two holes have been completed at the Allenwood East prospect. Z_3846_001 was designed to test the base of Reef target on the hanging wall side of the mineralised fault. This target is interpreted to be analogous to the mineralisation seen at the McGregor deposit 1.2km to the SSW. The hole intersected a major fault zone that juxtaposes the top of the Reef against the sub-reef and is interpreted as displacing the critical base of Reef contact (Figure 4 left). This fault zone is modelled as the northern controlling structure of the Allenwood

Corridor. As such, the Base of Reef target was not intersected in the hole and a follow-up hole is proposed to the south.

Z_3846_002 was drilled to test a combined geological, structural and deep overburden geochemical target. The hole intersected very broken ground associated with a large fault, possibly related to a NE-SW striking gravity low anomaly. In the sub-reef unit, a significant thickness of barren massive marcasite was observed, which in turn is overlaying a thick zone of haematite, analogous to the 'Iron Formation' seen at the Tynagh deposit. A Mise a la Masse geophysical survey was carried out and detected a strong chargeability anomaly to the south east which in interpreted to be a continuation of the massive marcasite body (refer to Figure 4, right). A follow up hole is planned.

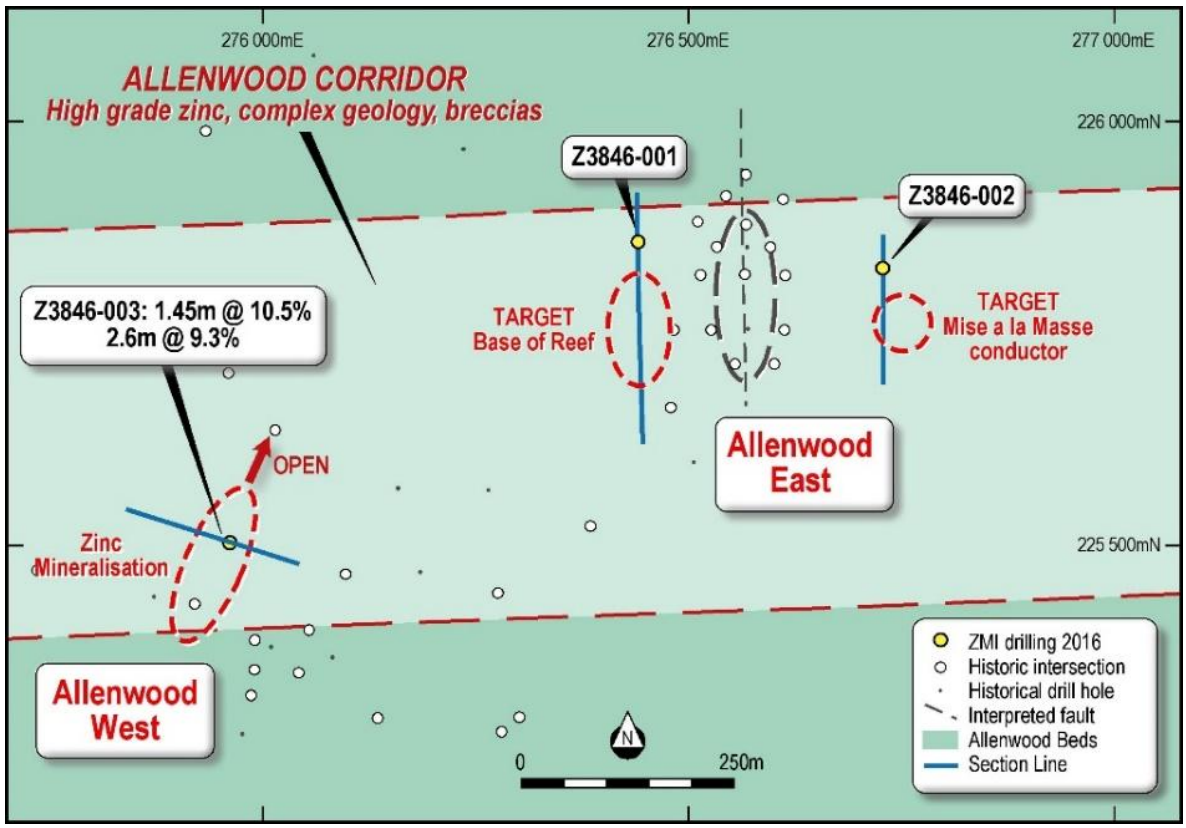


Figure 5: Plan summarising ZMI's recent the drilling along the Allenwood Corridor

McGregor Corridor

Two follow-up holes have also been completed at Celtic Tiger, 1km to the west of McGregor. A further five holes have been drilled approximately 250m to the northwest of McGregor to test the potential for repetitions of McGregor type mineralisation.

Celtic Tiger

Two holes were drilled at the Celtic Tiger Prospect. Hole Z_4069_024 was a 50m step out to the south southeast from the highly mineralised discovery hole (Z_4069_007, ***23.95m @ 8.0% Zn+Pb***). The hole intersected strong zinc and lead mineralisation in the Waulsortian Reef transition zone, comprising ***7.9m @ 5.7% Zn+Pb*** from 185m, that can be correlated through holes 004 and 007 for a distance of 160m, making it a potentially significant discovery despite the style and setting of mineralisation remaining uncertain, and the rapid thickness variations in mineralisation between hole 007 and 004, 024 and 026 (See Figure 7). Further drilling is required to resolve these differences.

Z_4069_026 was drilled on an angle towards the intercept in Z_4069_007, from the 024 site, intersecting several zones of mineralisation associated with calcite veining, which may relate to faulting.

The emergence of Celtic Tiger has major implications for the Project as a whole. McGregor and Shamrock have been the focus of historical exploration, and the exploration model at Kildare has evolved to focus on the potential for additional Irish Type Zinc deposits.

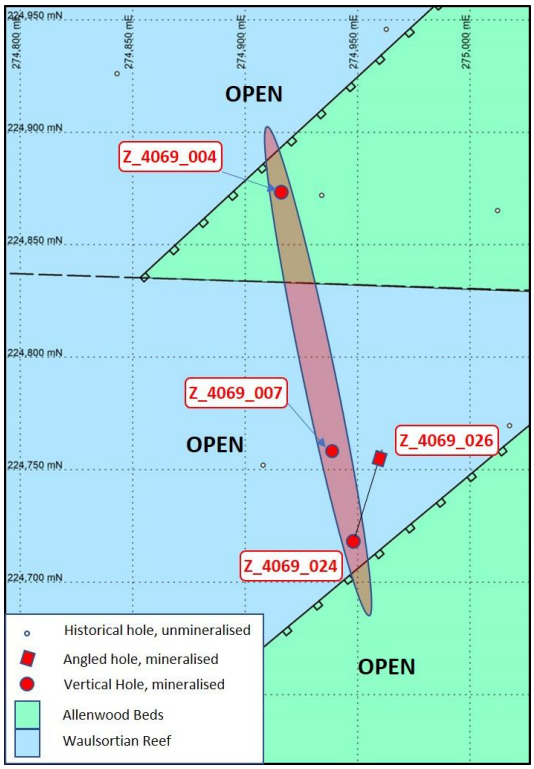


Figure 6: Plan of Celtic Tiger highlighting reported holes and those shown in Figure 7.

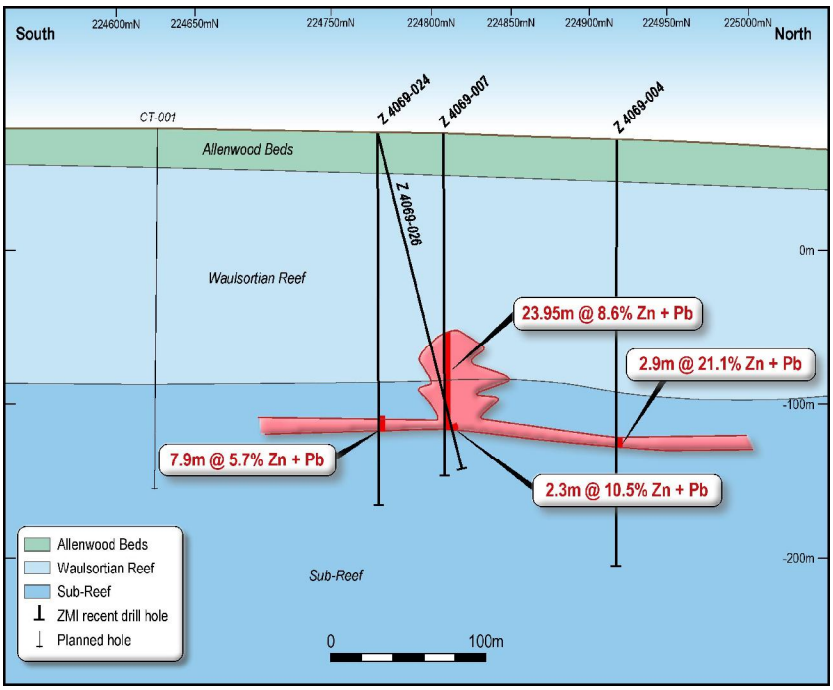


Figure 7: Long section through the Celtic Tiger Prospect highlighting mineralisation along 160m of strike.

McGregor NW

A fence of holes has been drilled along strike to the northwest of the McGregor deposit (Figure 8). The first three holes (Z_4069_019, 020 and 021) intersected 270-300m thicknesses of Allenwood Beds, which is significantly thicker than typical (100m-200m), and similar to the thickening of Allenwood beds observed at the McGregor deposit. These thickness variations are accompanied by extensive breccia development with abundant marcasite forming the matrix that cuts upwards through much of the column.

In hole 019 sphalerite accompanies the marcasite and increases in the Waulsortian Reef, with sections of moderated grade developed between 280m and 290m including ***0.65m @ 10.3% Zn and 0.8% Pb*** and ***1.7m @ 5.52% Zn and 1.1% Pb***.

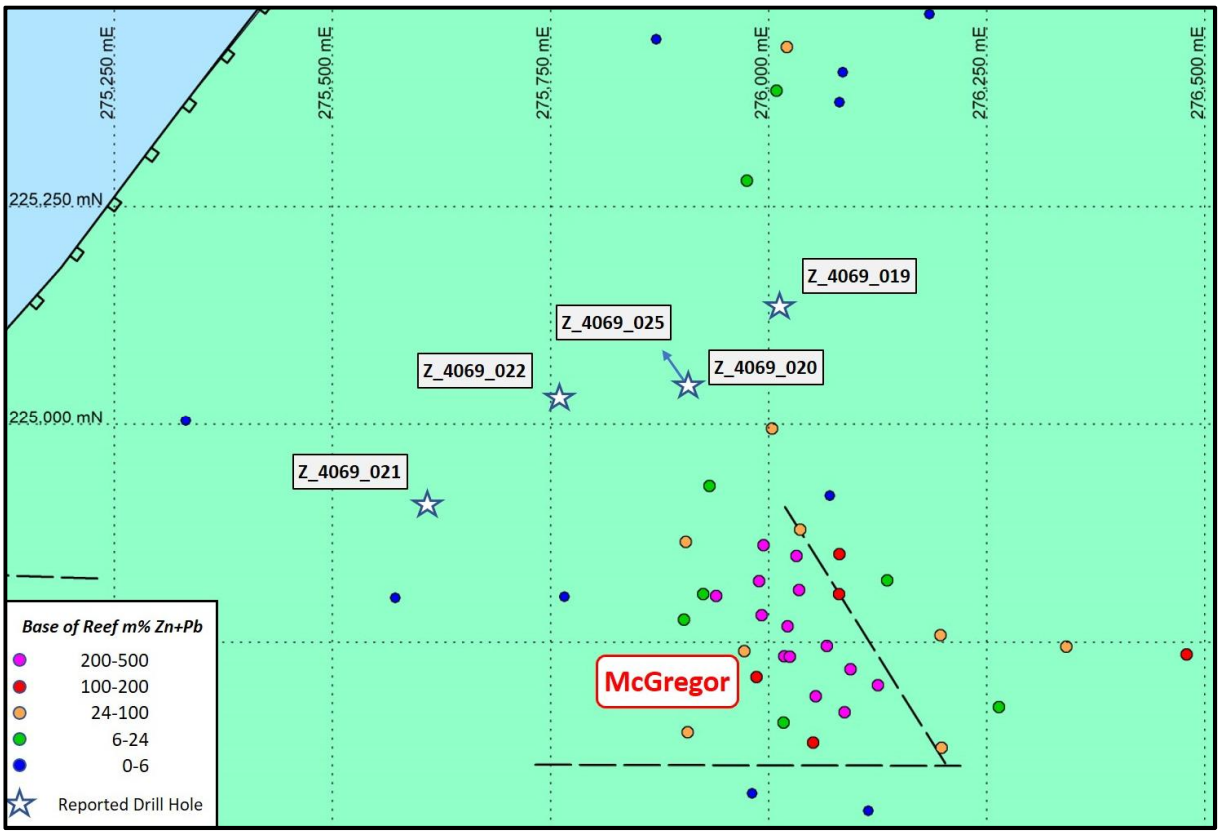


Figure 8: Plan view showing Phase 4 drill holes targeting mineralisation to the northwest of McGregor.

In hole Z_4069_020 the brecciation in the Allenwood beds is accompanied by increased amounts of sphalerite within zones of brecciation, including ***2m @ 5.82% Zn & 1.0% Pb from 235.6m***, and ***4.0m @ 3.1% Zn and 0.1% Pb from 246.4m***. The Allenwood beds are 300m thick in this area, which is equivalent to McGregor, however only 40m of Waulsortian Reef was observed before being faulted out against the sub Reef and the footwall target was not tested.

The Allenwood beds were also notably thicker in hole 021 (~300m) and accompanied by brecciation and marcasite mineralisation, which was strong towards the base and continued into the Waulsortian Reef. Once again, the Reef was faulted off prior to the basal contact being reached.

Hole 022, which was drilled between holes 020 and 021 was markedly different to them. The Allenwood beds extended to just 125m and the reef here is 235m thick. Rapid thickness variations such as these have only previously been observed at the McGregor deposit, and may possibly represent a vector towards mineralisation (Figure 9).

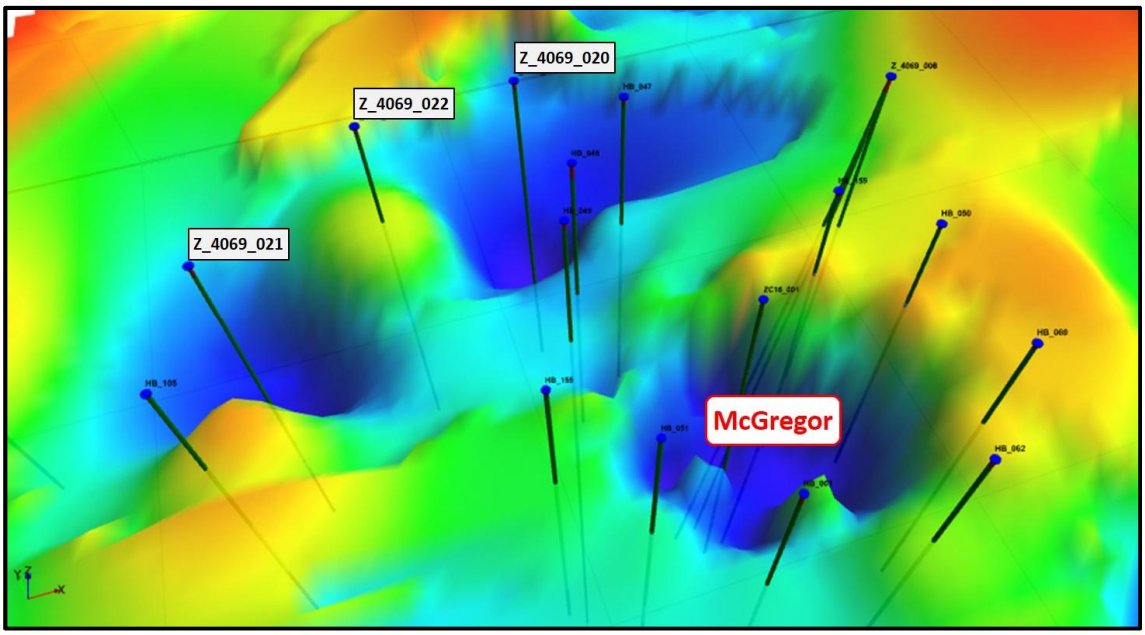


Figure 9: Base of Allenwood Beds contour map highlighting the rapid thickness variations in Allenwood beds observed at the McGregror deposit, and discovered to the NW in the Phase 4 drilling program.

The observations at the northwest of McGregor provide significant encouragement given the similarities to McGregor. Additional interpretation, and potentially geophysics, will be utilised before this area has further drill testing.

STRUCTURAL STUDY

During the quarter ZMI commissioned structural geologist Dr Brett Davis of Orefind to study the deformation, alteration and mineralisation characteristics within the Allenwood Graben. Mr Davis spent 10 days on site reviewing drill core, and a further week compiling his report.

In recognising a series of overprinting relationships, breccia types and mineralisation styles, Mr Davis has illuminated a long-lived history of deformation and fluid flow, which included a discrete mineralising 'event' responsible for the deposition of zinc and lead across much of the Graben, the scale of which would indicate significant potential for the discovery of additional resources.

ZMI is excited by the possibilities that the study suggests and is employing the findings to improve its field practices, 3D modelling and ultimately the exploration model.

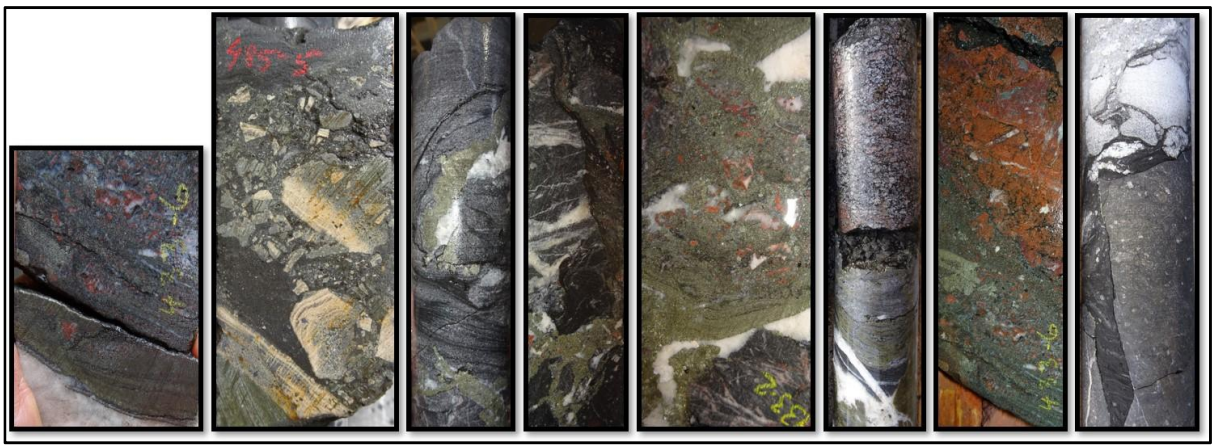


Figure 10: A selection of textures and overprinting relationships observed in Kildare drill holes.

CORPORATE

Appointment of Dr Julian Barnes as a Director

Dr Julian Barnes was appointed as a non-executive director of ZMI on 23 August 2018. Dr Barnes' appointment rounded out the leadership and expertise to move forward and to execute ZMI's strategic plan focused on our Kildare Project.

The appointment of Dr Barnes has already proven invaluable during his tenure so far, and is important to managing the seamless handover from Managing Director, Mr Peter van der Borgh, who stepped from his position effective from the AGM to be held on 30 November 2018.

Leonora Spin-Out

Following satisfaction of the all conditions precedent of the relevant agreements between ZMI, Roman Kings Limited (**Roman Kings**) and Kingwest Resources Limited (**Kingwest**) completion of the farm-out of 75% of the non-core Leonora Gold Project occurred on 22 August 2018. ZMI received the consideration being $490,000 in cash and one million shares in Kingwest (escrowed for 12 months).

The share consideration was valued at $200,000 on the issue date, thereby valuing the total consideration to ZMI for the 75% interest in the Leonora Gold Project at $690,000. ZMI also retains the right to receive a payment of $5 per ounce in a mineral resource grading above 1g/t of gold established at the Leonora Gold Project in the future.

A joint venture is deemed to be formed between ZMI and Roman Kings on the basis of 25:75 respectively, and whereby the parties will either contribute to the development of the Leonora Gold Project in proportion to its interest or be diluted.

Completion of Capital Raise

During the quarter, the Company completed it's the second tranche of the capital raise which raised a total of $2.75 million via the issue of Shares at an issue price of $0.005 together with free attaching options.

The second tranche comprised $950,000 of which $500,000 was subscribed for by directors and related parties. The funds raised as part of this capital raise continue to be applied towards to Company's exploration at Kildare.

LOOKING AHEAD

It is becoming clear that the Kildare Project is part of a significant mineralised system, with high-grade zinc now confirmed at four centres within a 1km radius. High grade intersections have been returned in the Allenwood Corridor and at Celtic Tiger in the current phase of drilling. It is important to note that these intersections have not been in the typical favourable "Base of Reef" position and therefore serve as an indicator for mineralisation at neighbouring Base of Reef positions as well as being legitimate targets in themselves.

Irish Type Zinc deposits typically occur in "clusters", as can be observed at Lisheen (See Figure 11 for Zinc Metal Distribution at Lisheen) and as exploration efforts continue at the Project, hallmarks of Irish Type Zinc deposits are being observed. Most notably, the existing clusters of mineralisation at Celtic Tiger, McGregor and Shamrock are trending roughly E-W along key structural corridors, as is observed elsewhere (See Figure 11 for Zinc Metal Distribution in McGregor Corridor – note both plans in Figure 11 are at the same scale).

The next step in the current drilling program is to explore the region in the immediate vicinity of the McGregor Resource, and the area between McGregor and Shamrock, before following up at Allenwood and Celtic Tiger. It is expected that drilling will continue into the new year.

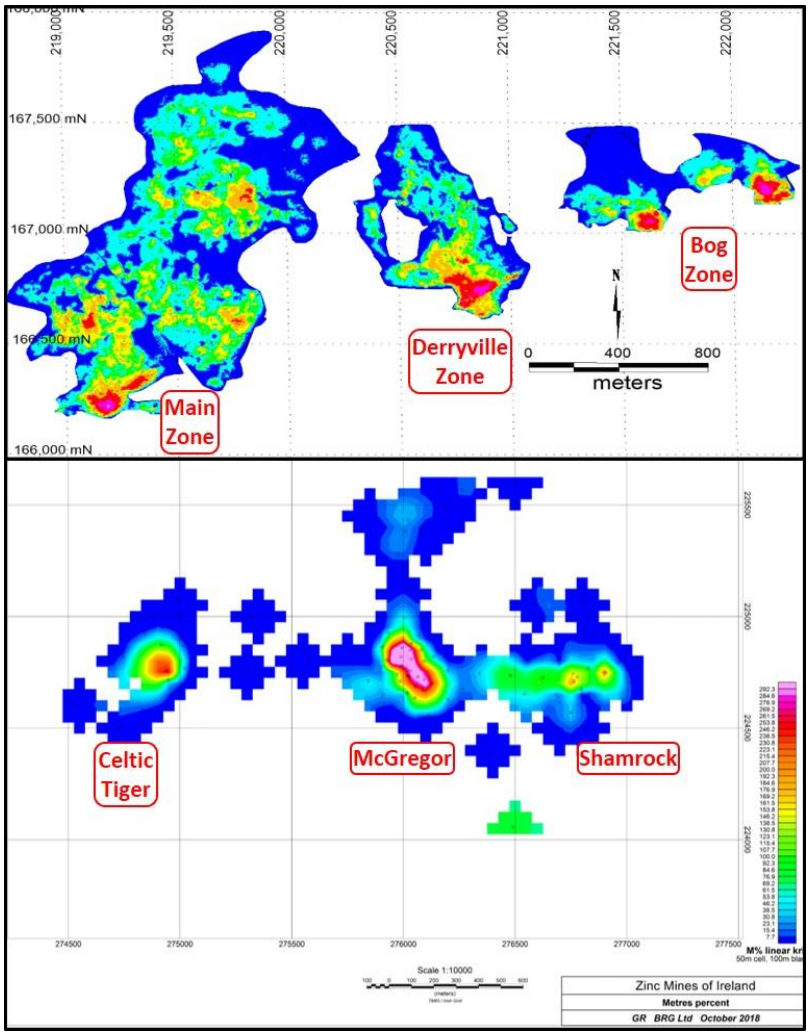


Figure 11: Zinc Metal Distribution Heatmaps at Lisheen (top), and along the McGregor Corridor, both at the same scale. Note the comparable 'cluster' nature of mineralisation typical of Base of Reef hosted Irish Type deposits.

A metallurgical hole at McGregor is underway to enable ZMI to undertake a test program to confirm the flotation properties and metal recoveries of the ore, and composition of the resultant concentrate. This is an important step for the ZMI to enable for assessment of potential mining scenarios for the Kildare Project.

Updates will be provided to the market as the drilling and various other activities continue.

Yours faithfully,

Richard Monti
Non-Executive Chairman
Zinc of Ireland NL

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About the Kildare Project:

The Kildare Project is located in the Republic of Ireland, approximately 40km south-west of the capital of Dublin. Ireland is the world's richest zinc real estate in tonnes of zinc per km^2, and is the home of several large, high grade zinc mines including Navan, Lisheen, Galmoy and Tynagh. As zinc supply continues to fall worldwide, ZMI are seeking to establish a significant zinc project at Kildare by utilising the following key advantages:

- Maiden Inferred JORC resource of 5.2Mt @ 8.6% Zn+Pb
- Significant regional exploration upside
- Similarities to other renowned Irish-Type zinc projects becoming visible
- Mining friendly jurisdiction with stable government
- Excellent infrastructure (including port and rail)

Competent Person Statements

The information in this report 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.

Disclaimer

Certain statements contained in this announcement, including information as to the future financial or operating performance of ZMI and its projects, are forward-looking statements that:

■ *may include, among other things, statements regarding targets, estimates and assumptions in respect of mineral reserves and mineral resources and anticipated grades and recovery rates, production and prices, recovery costs and results, capital expenditures, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions;*
■ *are necessarily based upon a number of estimates and assumptions that, while considered reasonable by ZMI, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; and,*
■ *involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements.*

ADDITIONAL INFORMTION

JORC CODE, 2012 EDITION – TABLE 1

The following sections are provided for compliance with requirements for the reporting of exploration results under the JORC Code, 2012 Edition.

Section 1 Sampling Techniques and Data

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• Sampling is by half core (generally NQ diameter) of mineralised sections only. The entirety of the drill hole has not been sampled and additional samples, if collected, may be reported at a later time. • Sampling has occurred within lithological domains and as such does not cross lithological boundaries. • Samples are prepared by ALS Loughrea, Co Galway by crushing to 70% passing <2mm with a representative sample then split using a Boyd splitter. The split sample is pulverised to 85% passing <75um. The samples are then assayed by a multi element oxidising digestion with an inductively coupled plasma atomic emission spectroscopy finish (ICP-AES). A selection of samples also have specific gravity (S.G.) measured.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• Diamond drilling NQ sized. • Upper portions of the drill holes were triple tubed or tri-coned to increase hole stability. • For angled holes when required, the core was orientated topside using a Reflex ACT tool.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Drill core had recovery lengths and RQD estimated. • Triple tubing was used to stabilise the hole. • There does not appear to be a relationship between recovery and grade.

Criteria	JORC Code explanation	Commentary
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• Drill holes have been logged by a competent representative geologist in Ireland. The detailed logging is ongoing and would be at a sufficient level to meet requirements for a mineral resource estimate at a later date. • Visual estimates of mineral types and amounts, and interpreted lithologies, were completed using a standardised logging template and ZMI's stratigraphic coding and nomenclature that has been defined so as to be relevant to the local geology and the styles of alteration, structure and mineralisation encountered. • Photography of mineralised zones is complete.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• Core has been sampled by cutting in half before lab preparation. • The sample preparation is considered "industry standard" for this sample type. • A representative selection of submitted samples comprised duplicates, blanks and standards which were unbeknownst to the assaying laboratory. The laboratory also conducted internal QAQC checks. • Fields duplicates, blanks and standards for the submitted assays have all surpassed internal and ZMI QAQC standards.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• Samples are assayed by a multi element oxidising digestion with an inductively coupled plasma atomic emission spectroscopy finish (ICP-AES). A selection of samples also have specific gravity (S.G.) measured. • Ore grade analysis for base metals and associated elements by ICPAES, following a strong oxidizing acid digestion. Elements (low reporting limit/upper limit) –units are % unless indicated otherwise: Ag (1/1500 ppm (µg/g)), As (0.005/30.0), Bi (0.005/30.00), Ca (0.01/50.0), Cd (0.001/10.0), Co (0.001/20.0), Cu (0.005/40.0), Fe (0.01/100.0), Hg (8/10000 ppm (µg/g)), Mg (0.01/50.0), Mn (0.005/50.0), Mo (0.001/10.0), Ni (0.001/30.0), P (0.01/20.0), Pb (0.01/30.0), S (0.05/50.0), Sb (0.005/100.0), Tl (0.005/1.0), Zn (0.01/100.0). • Internal QAQC results all appear within limits. • Lab-produced QAQC results all appear within limits.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Drill hole data is compiled digitally by company representatives. • Samples are yet to be submitted to an umpire laboratory for check analysis. • Holes were not twinned. • Assays have been adjusted to represent weighted averages over 1m. • Visual mineralisation has been verified by several company representatives.

Criteria	JORC Code explanation	Commentary
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• Initial surveys are by hand-held GPS in Irish Grid 65. • Collars have been surveyed either by handheld GPS or by a differential GPS: Trimble GPS6000 (RTK GPS accurate to 5mm) • Downhole surveys are by Reflex EZ-TRAC. • Location of the collar and downhole information is considered appropriate for this stage of exploration.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Drill collars are not at a standard data spacing but are placed to intersect maximum metal grades and geological information (see plan view maps above). • Data spacing for the results contained in this report are not appropriate for resource estimation alone. • Sample compositing has not been applied. Assay compositing (combining individual assays into one reportable length) has however occurred.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• Mineralisation at the McGregor Deposit is known to be sub-horizontal, and therefore intercepts in vertical drill holes at that deposit are close to true thickness. • Exploration at the Allenwood East and West prospects, and also at the Celtic Tiger prospect, are at an early stage and the orientation of mineralised structures remains uncertain.
Sample security	• *The measures taken to ensure sample security.*	• Samples were under the custody of company representatives in-country until delivery to the lab.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audits or reviews have taken place.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The Kildare Project is comprised of 7 Prospecting Licenses, namely PL890, PL3846, PL3866, PL4069, PL4070, PL4072 and PL4073. • All tenements are 100% owned by Raptor Resources, a subsidiary of Zinc of Ireland NL. • No historical, wilderness or national parks are known to infringe significantly on the tenure.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Historical exploration is outlined in GXN Announcement dated 17th March 2016 and associated annexes.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Kildare Project is situated approximately 2km NW of the Lower Paleozoic Kildare Inlier on a northeast-southwest trending reverse fault. Local geology consists of sediments conformably overlying Carboniferous Waulsortian Mudbank. This mudbank overlies a thick succession of carbonates and limestones atop basement volcanic rocks, • The area is considered prospective for breccia-hosted Fe-Zn-Pb deposits similar to a Mississippi Valley-type mineralisation and Irish-Type mineralisation.

Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*
	  ○ *easting and northing of the drill hole collar*
	  ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	  ○ *dip and azimuth of the hole*
	  ○ *down hole length and interception depth*
	  ○ *hole length.*
	• *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*
		• Z_3846_001: 276,437mE, 225,857mN, 75.815 mAOD, -90° dip, 360° azimuth, total depth 428.50m. Intercepts tabulated in Appendix 1.
		• Z_3846_002: 276,724 mE, 225,826mN, 75.787 mAOD, -77° dip, 179° azimuth, total depth 490.50m. Intercepts tabulated in Appendix 1.
		• Z_3846_003: 275,957mE, 2245,500mN, 75.397 mAOD, -90° dip, 360° azimuth, total depth 419.20m, Intercepts are tabulated below and discussed in the body of the report.
		• Z_4069_024: 274,948mE, 224,717mN, 81mAOD, -90° dip, 360° azimuth, total depth 242.30m. Intercepts are tabulated below and discussed in the body of the report.
		• Z_4069_026: 274,948mE, 224,717mN, 81mAOD, -76° dip, 017.5° azimuth, total depth 239.50m. Intercepts are tabulated below and discussed in the body of the report.
		• Z_4069_019: 276,012mE, 225,139mN, 75.1mAOD, -90° dip, 360° azimuth, total depth 483.30m. Intercepts are tabulated below and discussed in the body of the report.
		• Z_4069_020: 275,911mE, 225,047mN, 75.1mAOD, -90° dip, 360° azimuth, total depth 452.0m. Intercepts are tabulated below and discussed in the body of the report.
		• Z_4069_021: 275,609mE, 224,912mN, 81mAOD, -90° dip, 360° azimuth, total depth 462.0m. No intercepts reported.
		• Z_4069_022: 275,760mE, 225,0035mN,

Criteria	JORC Code explanation	Commentary
		78mAOD, -90° dip, 360° azimuth, total depth 456.0m. No intercepts reported. • Z_4069_023: 275,033mE, 223,532mN, 78mAOD, -90° dip, 360° azimuth, total depth 299.3m. No intercepts reported. • Z_4069_025: 275,911mE, 225,046mN, 75.1mAOD, -73° dip, 330° azimuth, total depth 452.0m. No intercepts reported.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• No minimum cut-off grade has been applied to the reported intersections. • Assays have been weighted to 1m intervals. • Internal dilution may occur. • Reported intersections reflect the highest grade and/or the widest mineralised intersections • No metal equivalents have been quoted.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• The base of reef mineralisation is sub horizontal. Intercepts in vertical holes are therefore close to true thickness. • Angled holes in this style of mineralisation are reported with a calculated true thickness. • In some areas where early stage exploration is ongoing there can be uncertainty as to the orientation of the mineralisation. In such cases the intercepts are reported as down hole thicknesses and the distinction is made.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Plans and sections appear throughout this release.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• All drill holes with assays received have been reported in Appendix 1. • Intervals discussed and portrayed in the announcement are typically those which are of the highest grade and/or greatest width.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment;*	• All substantive data is contained in this table or in the text.

Criteria	JORC Code explanation	Commentary
	metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• As summarised at the end of the announcement.

APPENDIX 1: Assay Results

Note: All depths and intervals are downhole.

Hole ID	Sample No.	From_m	To_m	Interval_m	Ag_ppm	Zn_%	Pb_%
Z-3846-001	55139	240.1	241.1	1	<1	<0.01	0.01
Z-3846-001	55140	241.1	241.6	0.5	1.00	0.02	0.08
Z-3846-001	55141	241.6	242.5	0.9	1	0.01	0.01
Z-3846-001	55142	242.5	243.15	0.65	<1	0.01	0.01
Z-3846-001	55143	243.15	244.2	1.05	<1	0.02	0.02
Z-3846-001	55144	244.2	245.5	1.3	<1	0.01	<0.01
Z-3846-001	55145	245.5	246.5	1	1	0.01	0.01
Z-3846-001	55146	246.5	248	1.5	1	0.02	0.01
Z-3846-001	55147	248	249.5	1.5	<1	<0.01	0.01
Z-3846-001	55148	249.5	250.3	0.8	<1	<0.01	0.01
Z-3846-001	55149	250.3	251.5	1.2	<1	0.01	0.02
Z-3846-001	55150	251.5	252.5	1	<1	<0.01	0.01
Z-3846-001	55151	252.5	253.5	1	<1	<0.01	<0.01
Z-3846-001	55153	253.5	254.5	1	<1	<0.01	0.02
Z-3846-001	55154	254.5	255.5	1	<1	<0.01	0.03
Z-3846-001	55155	255.5	256.5	1	<1	<0.01	0.01
Z-3846-001	55157	256.5	257.5	1	<1	0.03	<0.01
Z-3846-001	55158	257.5	258.5	1	<1	<0.01	<0.01
Z-3846-001	55159	258.5	259.5	1	<1	<0.01	<0.01
Z-3846-001	55160	259.5	260.5	1	<1	<0.01	<0.01
Z-3846-001	55161	260.5	261.5	1	<1	<0.01	0.01
Z-3846-001	55163	261.5	262.5	1	<1	<0.01	0.02
Z-3846-001	55164	262.5	263.5	1	<1	0.01	0.03
Z-3846-001	55165	278.5	279.8	1.3	<1	0.3	0.01
Z-3846-001	55166	279.8	281.5	1.7	<1	<0.01	<0.01
Z-3846-001	55167	281.5	282.5	1	<1	0.02	0.02
Z-3846-001	55168	282.5	283.5	1	<1	0.01	0.02
Z-3846-001	55170	283.5	284.5	1	<1	0.09	0.03
Z-3846-001	55171	284.5	285.6	1.1	<1	0.82	0.07
Z-3846-001	55172	285.6	286.5	0.9	<1	0.21	0.03
Z-3846-001	55173	286.5	287.5	1	<1	0.36	0.02
Z-3846-001	55262	373.65	374.5	0.85	<1	<0.01	<0.01
Z-3846-001	55263	374.5	375.4	0.9	<1	<0.01	0.07
Z-3846-001	55264	375.4	376.7	1.3	1	2.34	0.24

Z-3846-001	55265	376.7	378.2	1.5	<1	<0.01	0.01
Z-3846-001	55266	378.2	378.85	0.65	<1	0.01	<0.01
Z-3846-001	55267	378.85	379.15	0.3	<1	0.02	0.15
Z-3846-001	55268	379.15	379.6	0.45	<1	<0.01	0.01
Z-3846-001	55269	379.6	380.5	0.9	<1	0.02	0.06
Z-3846-001	55270	380.5	381.4	0.9	<1	<0.01	<0.01
Z-3846-001	55271	392.5	393.55	1.05	<1	<0.01	0.01
Z-3846-001	55272	393.55	394	0.45	3	0.09	0.32
Z-3846-001	55273	394	395	1	<1	<0.01	0.01
Hole ID	**Sample No.**	**From_m**	**To_m**	**Interval_m**	**Ag_ppm**	**Zn_%**	**Pb_%**
Z-3846-002	55306	355.3	356.3	1	<1	0.02	0.01
Z-3846-002	55307	356.3	357.8	1.5	<1	0.13	0.09
Z-3846-002	55308	357.8	358.5	0.7	<1	0.06	0.06
Z-3846-002	55309	358.5	359	0.5	<1	0.03	0.01
Z-3846-002	55310	359	360	1	<1	0.21	0.07
Z-3846-002	55311	360	361.5	1.5	<1	0.09	0.09
Z-3846-002	55312	361.5	363	1.5	<1	0.12	0.15
Z-3846-002	55314	363	364	1	<1	0.52	0.34
Z-3846-002	55316	364	365	1	<1	0.53	0.31
Z-3846-002	55317	365	366	1	<1	0.32	0.14
Z-3846-002	55318	366	367	1	<1	0.43	0.16
Z-3846-002	55319	367	368	1	<1	0.27	0.11
Z-3846-002	55320	368	369	1	<1	0.47	0.21
Z-3846-002	55321	369	370	1	1	0.38	0.16
Z-3846-002	55322	370	371	1	<1	0.4	0.15
Z-3846-002	55323	371	372	1	2	0.44	0.3
Z-3846-002	55324	372	373	1	<1	0.26	0.1
Z-3846-002	55325	373	374	1	<1	0.29	0.13
Z-3846-002	55326	374	375	1	<1	0.29	0.13
Z-3846-002	55328	375	376	1	<1	0.33	0.13
Z-3846-002	55329	376	376.9	0.9	1	0.24	0.25
Z-3846-002	55330	376.9	377.5	0.6	1	0.17	0.14
Z-3846-002	55332	377.5	378.5	1	1	0.25	0.32
Z-3846-002	55333	378.5	379	0.5	<1	0.32	0.61
Z-3846-002	55334	379.5	379.8	0.3	<1	0.17	0.15
Z-3846-002	55335	379.8	381.1	1.3	1	0.12	0.16
Z-3846-002	55336	381.1	381.5	0.4	2	0.42	0.26

Z-3846-002	55337	382.1	383.1	1	1	0.72	1.21
Z-3846-002	55338	383.1	384.1	1	1	0.51	0.4
Z-3846-002	55339	384.1	385.1	1	<1	0.46	0.15
Z-3846-002	55340	385.1	385.5	0.4	1	2.19	0.27
Z-3846-002	55341	386.7	387.5	0.8	1	0.91	0.36
Z-3846-002	55342	387.5	388.5	1	1	1.1	0.35
Z-3846-002	55343	388.5	389	0.5	<1	0.6	0.17
Z-3846-002	55274	390	391	1	<1	0.75	0.14
Z-3846-002	55275	391	391.65	0.65	<1	1.56	0.13
Z-3846-002	55276	391.65	391.95	0.3	1	0.64	0.1
Z-3846-002	55277	391.95	392.95	1	<1	0.04	0.07
Z-3846-002	55278	392.95	393.8	0.85	<1	0.04	0.09
Z-3846-002	55280	393.8	394.8	1	1	0.24	0.15
Z-3846-002	55281	394.8	395.8	1	1	0.18	0.17
Z-3846-002	55282	397.5	398.1	0.6	<1	0.09	0.16
Z-3846-002	55283	398.1	399.6	1.5	2	0.15	0.19
Z-3846-002	55285	399.6	400.2	0.6	<1	0.02	0.02
Z-3846-002	55286	400.2	401.05	0.85	1	0.23	0.19
Z-3846-002	55287	401.05	401.5	0.45	<1	0.06	0.07
Z-3846-002	55288	401.5	403	1.5	2	0.28	0.26
Z-3846-002	55289	403	403.8	0.8	2	0.44	0.26
Z-3846-002	55290	403.8	404.25	0.45	1	0.17	0.16
Z-3846-002	55291	404.25	404.9	0.65	<1	0.01	0.04
Z-3846-002	55292	404.9	405.7	0.8	1	0.32	0.23
Z-3846-002	55293	405.7	407	1.3	1	0.06	0.05
Z-3846-002	55294	407	407.65	0.65	2	0.18	0.15
Z-3846-002	55295	407.65	408.15	0.5	<1	0.09	0.13
Z-3846-002	55296	408.15	409.15	1	<1	0.01	0.02
Z-3846-002	55297	409.15	410.15	1	<1	0.02	0.04
Z-3846-002	55344	410.15	411.1	0.95	<1	0.02	0.02
Z-3846-002	55345	411.1	411.4	0.3	<1	0.01	<0.01
Z-3846-002	55346	411.4	411.7	0.3	4	0.01	0.08
Z-3846-002	55347	411.7	412.8	1.1	<1	<0.01	<0.01
Z-3846-002	55349	412.8	414.2	1.4	3	0.04	0.07
Z-3846-002	55350	414.2	414.75	0.55	1	0.01	0.03
Z-3846-002	55351	414.75	415.7	0.95	1	0.02	0.03
Z-3846-002	55353	415.7	416.4	0.7	<1	<0.01	<0.01

Z-3846-002	55354	416.4	417.5	1.1	<1	<0.01	<0.01
Z-3846-002	55355	417.5	418.4	0.9	<1	<0.01	<0.01
Z-3846-002	55356	418.4	419.4	1	<1	<0.01	<0.01
Z-3846-002	55357	419.4	420.4	1	<1	0.03	0.02
Z-3846-002	55358	420.4	421	0.6	<1	<0.01	<0.01
Z-3846-002	55359	421	422.5	1.5	<1	<0.01	<0.01
Z-3846-002	55360	422.5	423.5	1	<1	<0.01	<0.01
Z-3846-002	55361	423.5	424.3	0.8	<1	<0.01	<0.01
Z-3846-002	55363	424.3	424.9	0.6	<1	<0.01	<0.01
Z-3846-002	55364	424.9	425.6	0.7	<1	<0.01	<0.01
Z-3846-002	55365	425.6	425.9	0.3	<1	<0.01	<0.01
Z-3846-002	55366	425.9	426.9	1	<1	<0.01	<0.01
Z-3846-002	55367	426.9	427.5	0.6	<1	<0.01	<0.01
Z-3846-002	55368	427.5	429	1.5	<1	<0.01	<0.01
Z-3846-002	55369	429	429.9	0.9	<1	<0.01	<0.01
Z-3846-002	55370	429.9	431.2	1.3	<1	<0.01	<0.01
Z-3846-002	55371	431.2	432.65	1.45	<1	<0.01	<0.01
Z-3846-002	55372	432.65	432.9	0.25	<1	0.08	0.02
Z-3846-002	55373	432.9	434.4	1.5	2	0.09	0.08
Z-3846-002	55374	178	178.5	0.5	<1	0.01	0.01
Z-3846-002	55375	434.4	435.3	0.9	1	0.07	0.12
Hole ID	**Sample No.**	**From_m**	**To_m**	**Interval_m**	**Ag_ppm**	**Zn_%**	**Pb_%**
Z-3846-003	55401	159	160.05	1.05	<1	0.1	0.03
Z-3846-003	55402	160.05	160.8	0.75	<1	14.7	1.62
Z-3846-003	55403	160.8	161.5	0.7	<1	3.78	0.46
Z-3846-003	55404	161.5	162.5	1	<1	0.05	0.01
Z-3846-003	55405	162.5	163.75	1.25	<1	0.02	0.01
Z-3846-003	55406	163.75	164.75	1	<1	0.66	0.12
Z-3846-003	55407	164.75	165.75	1	<1	0.24	<0.01
Z-3846-003	55408	165.75	166.6	0.85	<1	0.4	0.01
Z-3846-003	55409	166.6	167.2	0.6	<1	4.49	0.4
Z-3846-003	55410	167.2	168.2	1	<1	1.95	0.29
Z-3846-003	55411	168.2	169.2	1	<1	3.56	0.48
Z-3846-003	55413	169.2	170.2	1	<1	0.55	0.02
Z-3846-003	55414	170.2	171.2	1	<1	1.84	0.04
Z-3846-003	55415	171.2	172.2	1	<1	3.05	0.53
Z-3846-003	55416	172.2	172.9	0.7	<1	0.21	0.06

Z-3846-003	55417	172.9	173.8	0.9	1	19.7	2.7
Z-3846-003	55419	173.8	174.8	1	<1	0.04	0.01
Hole ID	**Sample No.**	**From_m**	**To_m**	**Interval_m**	**Ag_ppm**	**Zn_%**	**Pb_%**
Z-4069-024	56616	166.25	167.25	1	Results Pending		
Z-4069-024	56617	167.25	167.65	0.4			
Z-4069-024	56618						
Z-4069-024	56619	167.65	168.65	1			
Z-4069-024	56620	174.2	175.2	1			
Z-4069-024	56621	175.2	175.6	0.4			
Z-4069-024	56622	175.6	176.6	1			
Z-4069-024	56623	214.5	215.15	0.65			
Z-4069-024	56624	215.15	215.5	0.35			
Z-4069-024	56625	181.55	182.05	0.5			
Z-4069-024	56626	215.5	216.5	1			
Z-4069-024	56628	89.9	90.9	1			
Z-4069-024	56629	90.9	92.4	1.5			
Z-4069-024	56630	92.4	93.9	1.5			
Z-4069-024	56631	93.9	95.4	1.5			
Z-4069-024	56632	95.4	96.9	1.5			
Z-4069-024	56633	96.9	98.4	1.5			
Z-4069-024	56634	98.4	99.9	1.5			
Z-4069-024	56635	99.9	101.4	1.5			
Z-4069-024	56636	101.4	102.9	1.5			
Z-4069-024	56637	102.9	104.4	1.5			
Z-4069-024	56638	104.4	104.7	0.3			
Z-4069-024	56639	104.7	105.7	1			
Z-4069-024	56584	184.8	185.8	1	<1	0.32	0.11
Z-4069-024	56585	185.8	186.3	0.5	3	11.9	0.46
Z-4069-024	56587	186.3	187.1	0.8	3	7.67	0.54
Z-4069-024	56588	187.1	188.1	1	<1	0.25	0.03
Z-4069-024	56589	188.1	189.6	1.5	4	2.52	0.24
Z-4069-024	56590	189.6	190.8	1.2	4	3.6	0.25
Z-4069-024	56591	190.8	191.3	0.5	8	17.65	1.54
Z-4069-024	56593	191.3	191.7	0.4	4	11.25	0.58
Z-4069-024	56594	191.7	193.1	1.4	4	2.77	0.48
Z-4069-024	56595	193.1	193.7	0.6	5	5.79	1.5
Z-4069-024	56596	193.7	194.3	0.6	1	0.09	0.08

Z-4069-024	56597	194.3	195.8	1.5	<1	0.05	0.03
Z-4069-024	56598	195.8	197.3	1.5	<1	0.02	0.01
Z-4069-024	56599	197.3	198.8	1.5	<1	0.05	0.05
Z-4069-024	56600	198.8	200.3	1.5	<1	1.09	0.12
Z-4069-024	56601	200.3	201.8	1.5	1	0.01	<0.01
Z-4069-024	56602	201.8	202.55	0.75	<1	0.02	<0.01
Z-4069-024	56603	202.55	203.3	0.75	<1	0.03	0.06
Z-4069-024	56604	203.3	203.9	0.6	<1	0.03	0.02
Z-4069-024	56605	204.4	205	0.6	1	0.13	0.02
Z-4069-024	56606	205	206.05	1.05	<1	0.03	0.01
Z-4069-024	56607	206.05	207.25	1.2	2	1.65	0.27
Z-4069-024	56609	207.25	207.55	0.3	<1	0.03	0.01
Z-4069-024	56610	207.55	208.75	1.2	<1	0.25	0.08
Z-4069-024	56611	208.75	209.3	0.55	<1	0.04	0.01
Z-4069-024	56612	209.3	210.7	1.4	3	0.25	0.17
Z-4069-024	56614	210.7	211.3	0.6	<1	0.02	0.08
Z-4069-024	56615	211.3	212.3	1	<1	0.03	0.01
Hole ID	**Sample No.**	**From_m**	**To_m**	**Interval_m**	**Ag_ppm**	**Zn_%**	**Pb_%**
Z-4069-026	56640	84.6	85.6	1	<1	0.19	0.01
Z-4069-026	56641	85.6	86.2	0.6	<1	1.06	0.07
Z-4069-026	56643	86.2	86.85	0.65	<1	0.12	0.01
Z-4069-026	56644	86.85	87.1	0.25	<1	2.64	0.08
Z-4069-026	56645	87.1	88	0.9	<1	0.19	0.07
Z-4069-026	56646	88	88.5	0.5	2	7.95	0.39
Z-4069-026	56647	88.5	90	1.5	<1	0.02	<0.01
Z-4069-026	56648	90	90.5	0.5	<1	3.07	0.16
Z-4069-026	56649	90.5	90.95	0.45	<1	0.01	<0.01
Z-4069-026	56650	90.95	91.4	0.45	<1	3.65	0.13
Z-4069-026	56751	91.4	92.9	1.5	<1	1.36	0.01
Z-4069-026	56752	92.9	93.9	1	<1	1.45	0.06
Z-4069-026	56753	93.9	95.4	1.5	<1	0.37	0.02
Z-4069-026	56754	95.4	95.9	0.5	<1	0.05	<0.01
Z-4069-026	56755	95.9	96.65	0.75	1	2.7	0.51
Z-4069-026	56757	96.65	97.5	0.85	4	3.39	0.24
Z-4069-026	56758	97.5	98.2	0.7	<1	0.03	0.04
Z-4069-026	56759	98.2	98.9	0.7	<1	0.01	<0.01
Z-4069-026	56760	98.9	99.5	0.6	3	8.04	0.58

Z-4069-026	56761	99.5	100	0.5	1	2.45	0.13
Z-4069-026	56762	101	102.3	1.3	2	3	0.66
Z-4069-026	56763	102.3	103.5	1.2	<1	2.73	0.04
Z-4069-026	56764	103.5	104.3	0.8	1	1.2	0.01
Z-4069-026	56765	104.3	105.8	1.5	<1	0.06	<0.01
Z-4069-026	56766	105.8	107.3	1.5	<1	0.01	0.01
Z-4069-026	56767	107.3	108.8	1.5	2	<0.01	<0.01
Z-4069-026	56768	108.8	109.9	1.1	<1	<0.01	<0.01
Z-4069-026	56769	109.9	110.4	0.5	<1	<0.01	<0.01
Z-4069-026	56770	110.4	111.6	1.2	3	6.07	0.19
Z-4069-026	56772	111.6	112.5	0.9	<1	0.21	0.01
Z-4069-026	56773	112.5	113.5	1	<1	0.05	0.01
Z-4069-026	56774	113.5	114.1	0.6	<1	0.06	<0.01
Z-4069-026	56775	114.1	115.1	1	<1	1.19	0.01
Z-4069-026	56777	115.1	115.5	0.4	<1	0.02	0.01
Z-4069-026	56778	115.5	116.5	1	1	1.61	0.01
Z-4069-026	56779	116.5	117.5	1	<1	0.41	<0.01
Z-4069-026	56780	117.5	118.5	1	<1	1.12	0.01
Z-4069-026	56781	118.5	119.5	1	<1	0.01	<0.01
Z-4069-026	56782	119.5	119.8	0.3	<1	1.65	0.01
Z-4069-026	56783	119.8	121.3	1.5	<1	0.19	<0.01
Z-4069-026	56784	121.3	122	0.7	<1	2.28	0.01
Z-4069-026	56785	122	123.1	1.1	<1	<0.01	<0.01
Z-4069-026	56786	123.1	124.2	1.1	<1	0.41	<0.01
Z-4069-026	56787	124.2	125.7	1.5	<1	0.13	<0.01
Z-4069-026	56788	125.7	127.2	1.5	<1	0.61	0.02
Z-4069-026	56789	127.2	128.7	1.5	<1	1.13	0.01
Z-4069-026	56790	128.7	129.9	1.2	<1	0.3	0.03
Z-4069-026	56791	129.9	130.75	0.85	<1	0.49	0.01
Z-4069-026	56792	130.75	131.1	0.35	2	9.26	0.44
Z-4069-026	56794	131.1	132.2	1.1	<1	0.74	0.02
Z-4069-026	56795	132.2	133.4	1.2	<1	0.02	<0.01
Z-4069-026	56796	133.4	133.7	0.3	4	14.45	1.75
Z-4069-026	56798	134.4	135.5	1.1	<1	1.28	0.1
Z-4069-026	56799	135.5	136.2	0.7	<1	1.09	0.03
Z-4069-026	56800	136.2	137.2	1	<1	0.01	<0.01
Z-4069-026	56801	195.1	196.1	1	<1	0.01	<0.01

Z-4069-026	56802	196.1	196.4	0.3	<1	3.7	0.04
Z-4069-026	56803	196.4	197.5	1.1	<1	0.6	0.02
Z-4069-026	56804	197.5	198.2	0.7	3	16.1	0.16
Z-4069-026	56805	198.2	198.7	0.5	<1	0.88	0.04
Z-4069-026	56806	198.7	199.2	0.5	5	19.4	0.13
Z-4069-026	56808	199.2	199.8	0.6	3	4	0.25
Z-4069-026	56809	201.3	202.1	0.8	2	0.17	0.07
Z-4069-026	56810	202.1	202.8	0.7	3	0.03	0.09
Z-4069-026	56811	202.8	203.5	0.7	1	0.07	0.09
Z-4069-026	56813	203.5	204.7	1.2	<1	0.04	0.01
Z-4069-026	56814	207.3	208	0.7	<1	0.01	<0.01
Z-4069-026	56815	208	209.5	1.5	<1	0.01	<0.01
Z-4069-026	56816	211.7	212.5	0.8	<1	0.01	<0.01
Z-4069-026	56817	212.5	214	1.5	<1	<0.01	<0.01
Z-4069-026	56818	214	215.3	1.3	<1	<0.01	<0.01
Z-4069-026	56819	215.3	216.8	1.5	<1	<0.01	<0.01
Z-4069-026	56820	216.8	218.3	1.5	<1	<0.01	<0.01
Z-4069-026	56821	218.3	219.7	1.4	<1	<0.01	<0.01
Z-4069-026	56822	219.7	221	1.3	<1	0.01	<0.01
Z-4069-026	56823	221	222.5	1.5	<1	<0.01	<0.01
Z-4069-026	56824	222.5	224	1.5	<1	<0.01	<0.01
Z-4069-026	56825	224	225.5	1.5	<1	<0.01	<0.01
Z-4069-026	56826	225.5	227	1.5	<1	<0.01	<0.01
Z-4069-026	56827	227	228.5	1.5	1	<0.01	<0.01
Z-4069-026	56829	228.5	230	1.5	<1	<0.01	<0.01
Z-4069-026	56830	230	231.5	1.5	<1	<0.01	<0.01
Z-4069-026	56831	231.5	232.2	0.7	<1	<0.01	<0.01
Z-4069-026	56832	232.2	233.5	1.3	1	<0.01	<0.01
Z-4069-026	56833	233.5	234.7	1.2	<1	0.03	0.01
Z-4069-026	56835	234.7	235.7	1	<1	0.01	0.01
Hole ID	**Sample No.**	**From_m**	**To_m**	**Interval_m**	**Ag_ppm**	**Zn_%**	**Pb_%**
Z-4069-019	55201	266.75	267.75	1	<1	0.01	0.01
Z-4069-019	55202	267.75	268.25	0.5	2	1.57	0.04
Z-4069-019	55203	268.25	269.2	0.95	<1	0.98	0.03
Z-4069-019	55204	269.2	270	0.8	<1	2.95	0.05
Z-4069-019	55205	270	270.4	0.4	<1	1.75	0.03
Z-4069-019	55206	271.7	273	1.3	1	0.57	0.01

Z-4069-019	55207	273.8	274.6	0.8	<1	2.26	0.15
Z-4069-019	55208	274.6	274.9	0.3	<1	0.06	0.01
Z-4069-019	55209	274.9	275.9	1	<1	0.88	0.04
Z-4069-019	55210	275.9	276.5	0.6	1	0.34	0.04
Z-4069-019	55212	276.5	278	1.5	<1	0.01	0.01
Z-4069-019	55213	278	279.5	1.5	<1	<0.01	<0.01
Z-4069-019	55214	279.5	280.5	1	<1	<0.01	<0.01
Z-4069-019	55215	280.5	281.35	0.85	1	<0.01	<0.01
Z-4069-019	55216	281.35	282	0.65	5	10.3	0.84
Z-4069-019	55217	282	283	1	<1	0.59	0.12
Z-4069-019	55218	283	283.35	0.35	<1	0.82	0.07
Z-4069-019	55219	283.35	283.8	0.45	<1	2.33	0.16
Z-4069-019	55220	284.9	285.8	0.9	<1	0.42	0.05
Z-4069-019	55221	285.8	286.7	0.9	<1	0.02	0.01
Z-4069-019	55222	286.7	287.7	1	<1	0.04	0.01
Z-4069-019	55223	287.7	288.3	0.6	5	9.46	1.76
Z-4069-019	55224	288.3	289.1	0.8	1	3.76	0.88
Z-4069-019	55226	289.1	289.4	0.3	1	2.36	0.53
Z-4069-019	55228	289.4	290.1	0.7	<1	0.29	0.04
Z-4069-019	55229	290.1	291.4	1.3	<1	1.54	0.31
Z-4069-019	55230	291.4	292.4	1	1	0.01	<0.01
Z-4069-019	55231	292.4	293.1	0.7	1	2.29	0.09
Z-4069-019	55232	293.1	294.1	1	<1	0.02	<0.01
Z-4069-019	55233	321.4	322.4	1	<1	0.05	0.01
Z-4069-019	55235	322.4	323.4	1	<1	0.98	0.01
Z-4069-019	55236	323.4	324.6	1.2	2	0.35	0.09
Z-4069-019	55237	324.6	325.25	0.65	<1	0.07	0.01
Z-4069-019	55238	325.25	326.25	1	<1	<0.01	<0.01
Z-4069-019	55239	399	399.3	0.3	1	0.09	0.01
Z-4069-019	55240	400.1	401.1	1	2	0.32	0.06
Z-4069-019	55241	401.1	402	0.9	<1	0.13	0.01
Z-4069-019	55242	402	403	1	<1	<0.01	<0.01
Z-4069-019	55243	403	404	1	<1	0.02	0.01
Z-4069-019	55244	404	405	1	<1	0.02	<0.01
Z-4069-019	55245	405	405.8	0.8	<1	0.26	0.01
Z-4069-019	55246	405.8	406.5	0.7	<1	0.37	0.03
Z-4069-019	55247	406.5	408	1.5	<1	0.03	<0.01

Z-4069-019	55248	408	408.6	0.6	<1	0.24	0.02
Z-4069-019	55249	408.6	409.2	0.6	4	1.1	0.32
Z-4069-019	55250	409.2	409.6	0.4	4	0.53	0.12
Z-4069-019	55252	411	411.3	0.3	1	0.16	0.05
Z-4069-019	55254	412.5	412.8	0.3	2	0.52	0.08
Z-4069-019	55255	412.8	413.35	0.55	5	1.41	0.27
Z-4069-019	55256	413.35	414	0.65	<1	0.43	0.04
Z-4069-019	55257	414	414.85	0.85	1	0.36	0.03
Z-4069-019	55258	414.85	416.05	1.2	4	0.9	0.08
Z-4069-019	55259	416.05	417	0.95	3	0.34	0.04
Z-4069-019	55260	417	417.9	0.9	<1	0.1	0.01
Z-4069-019	55174	417.9	419.1	1.2	1	0.37	0.03
Z-4069-019	55175	419.1	420.25	1.15	3	0.34	0.05
Z-4069-019	55176	420.25	421.05	0.8	4	0.69	0.16
Z-4069-019	55177	421.05	421.35	0.3	12	4.5	11.25
Z-4069-019	55178	421.35	422.6	1.25	1	0.21	0.05
Z-4069-019	55179	422.6	423.3	0.7	<1	0.24	0.02
Z-4069-019	55180	423.3	424.2	0.9	1	0.23	0.01
Z-4069-019	55182	424.2	424.4	0.2	<1	0.37	0.02
Z-4069-019	55183	424.4	425.5	1.1	<1	0.13	<0.01
Z-4069-019	55184	425.5	426.7	1.2	1	0.59	0.04
Z-4069-019	55185	426.7	428	1.3	<1	0.11	<0.01
Z-4069-019	55186	428.6	429.55	0.95	<1	0.38	0.01
Z-4069-019	55187	429.55	430.1	0.55	<1	<0.01	<0.01
Z-4069-019	55189	431.65	432.6	0.95	<1	0.17	0.02
Z-4069-019	55190	432.6	433.45	0.85	<1	0.14	0.05
Z-4069-019	55191	434.4	435.4	1	<1	0.03	0.01
Z-4069-019	55192	435.4	436.4	1	<1	0.02	<0.01
Z-4069-019	55193	436.4	437.8	1.4	2	0.11	0.14
Z-4069-019	55194	437.8	439.1	1.3	<1	0.18	0.01
Z-4069-019	55195	439.1	440.1	1	<1	0.03	<0.01
Z-4069-019	55196	444.9	445.9	1	1	0.07	0.02
Z-4069-019	55197	445.9	446.15	0.25	5	3.21	0.96
Z-4069-019	55199	446.15	446.8	0.65	2	0.25	0.2
Z-4069-019	55200	446.8	447.8	1	1	<0.01	0.04
Z-4069-019	55301	469	470	1	<1	0.45	0.01
Z-4069-019	55302	470	471	1	<1	0.23	0.01

Z-4069-019	55303	471	472.15	1.15	4	2.98	0.1
Z-4069-019	55304	472.15	473.15	1	<1	1.62	0.01
Hole ID	**Sample No.**	**From_m**	**To_m**	**Interval_m**	**Ag_ppm**	**Zn_%**	**Pb_%**
Z-4069-020	56501	164	165	1	<1	0.03	0.01
Z-4069-020	56502	165	166	1	<1	0.03	0.08
Z-4069-020	56503	166	167	1	<1	0.05	0.11
Z-4069-020	56504	167	168.5	1.5	<1	0.08	0.06
Z-4069-020	56505	168.5	170	1.5	<1	0.22	<0.01
Z-4069-020	56506	170	171.5	1.5	<1	0.01	<0.01
Z-4069-020	56507	171.5	173	1.5	<1	0.01	0.01
Z-4069-020	56508	173	174.5	1.5	<1	0.01	<0.01
Z-4069-020	56509	175.8	177	1.2	<1	0.32	0.02
Z-4069-020	56510	177	178.5	1.5	<1	0.17	0.07
Z-4069-020	56512	178.5	180	1.5	<1	0.46	0.14
Z-4069-020	56513	180	181.5	1.5	<1	0.4	0.12
Z-4069-020	56514	181.5	183	1.5	<1	0.53	0.03
Z-4069-020	56515	179.65	180.15	0.5	<1	<0.01	0.01
Z-4069-020	56516	183	184	1	<1	0.32	0.11
Z-4069-020	56517	184	185.5	1.5	<1	0.04	0.09
Z-4069-020	56518	185.5	186.6	1.1	<1	0.07	0.04
Z-4069-020	56519	186.6	187.6	1	<1	0.04	0.02
Z-4069-020	55387	216.6	217.6	1	<1	<0.01	0.09
Z-4069-020	55388	217.6	218.6	1	<1	0.17	0.07
Z-4069-020	55389	218.6	219.3	0.7	<1	<0.01	<0.01
Z-4069-020	55390	219.3	220.5	1.2	<1	0.02	0.06
Z-4069-020	55391	220.5	221.3	0.8	<1	0.01	0.01
Z-4069-020	55392	221.3	221.8	0.5	2	3.85	0.13
Z-4069-020	55394	221.8	222.2	0.4	1	0.53	0.12
Z-4069-020	55395	222.2	223.2	1	<1	0.08	0.07
Z-4069-020	55396	223.2	223.8	0.6	<1	0.01	<0.01
Z-4069-020	55397	223.8	224.3	0.5	<1	<0.01	0.01
Z-4069-020	55398	224.3	225.5	1.2	<1	0.21	0.01
Z-4069-020	55399	225.5	227	1.5	<1	0.02	<0.01
Z-4069-020	55400	227	227.45	0.45	<1	<0.01	<0.01
Z-4069-020	55420	227.45	228.25	0.8	2	0.17	0.17
Z-4069-020	55422	228.25	228.85	0.6	<1	0.02	0.04
Z-4069-020	55423	228.85	229.65	0.8	<1	<0.01	<0.01

Z-4069-020	55424	229.65	230.35	0.7	<1	0.01	0.01
Z-4069-020	55425	230.35	230.85	0.5	<1	0.02	0.04
Z-4069-020	55426	230.85	231.65	0.8	1	0.99	0.11
Z-4069-020	55427	231.65	232.5	0.85	<1	1.38	0.04
Z-4069-020	55428	232.5	234	1.5	<1	0.01	<0.01
Z-4069-020	55429	234	234.35	0.35	<1	0.01	0.01
Z-4069-020	55430	234.35	235.25	0.9	<1	0.93	0.13
Z-4069-020	55432	235.25	235.55	0.3	<1	0.02	0.01
Z-4069-020	55433	235.55	236.2	0.65	7	8.44	2.92
Z-4069-020	55435	236.2	236.6	0.4	<1	2.81	0.11
Z-4069-020	55436	236.6	237	0.4	<1	0.02	0.01
Z-4069-020	55437	237	237.55	0.55	1	9.13	0.09
Z-4069-020	55438	237.55	238.45	0.9	<1	0.02	0.04
Z-4069-020	55439	238.45	238.75	0.3	<1	2.76	0.4
Z-4069-020	55440	238.75	239.3	0.55	1	1.48	0.13
Z-4069-020	55441	239.3	239.9	0.6	2	0.41	0.14
Z-4069-020	55442	239.9	240.3	0.4	<1	0.01	0.01
Z-4069-020	55443	240.3	241.1	0.8	4	1.74	0.14
Z-4069-020	55444	241.1	242.1	1	<1	0.04	0.06
Z-4069-020	55445	242.1	242.9	0.8	<1	0.22	0.05
Z-4069-020	55446	242.9	243.8	0.9	<1	0.01	0.01
Z-4069-020	55447	243.8	244.8	1	1	1.91	0.08
Z-4069-020	55448	244.8	245.65	0.85	<1	0.02	0.01
Z-4069-020	55449	245.65	246.4	0.75	<1	0.02	<0.01
Z-4069-020	55450	246.4	246.7	0.3	4	5.62	0.27
Z-4069-020	55451	246.7	247.1	0.4	<1	0.02	0.01
Z-4069-020	55452	247.1	247.4	0.3	<1	4.69	0.12
Z-4069-020	55454	247.4	247.8	0.4	<1	0.03	0.01
Z-4069-020	55455	247.8	248.2	0.4	<1	3.13	0.1
Z-4069-020	55456	248.2	249.4	1.2	<1	2.7	0.09
Z-4069-020	55457	249.4	250.7	1.3	<1	0.05	0.01
Z-4069-020	55458	250.7	251.45	0.75	<1	1.1	0.04
Z-4069-020	55459	251.45	251.75	0.3	<1	2.85	0.07
Z-4069-020	55460	251.75	252.55	0.8	<1	0.03	0.03
Z-4069-020	55461	252.55	253.55	1	<1	0.05	0.02
Z-4069-020	55462	253.55	255	1.45	<1	0.37	0.03
Z-4069-020	55463	255	256	1	<1	0.01	<0.01

Z-4069-020	55464	256.4	256.8	0.4	<1	0.01	<0.01
Z-4069-020	55466	256.8	257.15	0.35	6	6.51	0.37
Z-4069-020	55468	257.15	258.15	1	<1	0.01	0.01
Z-4069-020	55469	258.15	259.15	1	<1	0.04	0.02
Z-4069-020	55470	259.15	260	0.85	<1	1.55	0.18
Z-4069-020	55471	260	261	1	<1	2.12	0.07
Z-4069-020	55472	261	261.6	0.6	5	5.59	0.27
Z-4069-020	55473	261.6	262.8	1.2	2	2.6	0.09
Z-4069-020	55474	262.8	264.1	1.3	<1	0.74	0.09
Z-4069-020	55475	264.1	265	0.9	1	0.93	0.08
Z-4069-020	55476	265	266	1	<1	0.01	<0.01
Z-4069-020	55477	274	275	1	<1	0.03	0.02
Z-4069-020	55478	275	276	1	1	1.11	0.14
Z-4069-020	55479	276	276.5	0.5	1	3.68	0.16
Z-4069-020	55481	276.5	277.2	0.7	<1	0.02	0.01
Z-4069-020	55482	277.2	278	0.8	2	1.21	0.14
Z-4069-020	55483	278	279	1	<1	0.01	0.01
Z-4069-020	55484	286.25	287.25	1	<1	0.02	<0.01
Z-4069-020	55485	287.25	287.65	0.4	2	2.33	0.27
Z-4069-020	55486	287.65	288.25	0.6	<1	0.28	0.01
Z-4069-020	55487	288.25	288.95	0.7	<1	0.73	0.19
Z-4069-020	55488	288.95	290	1.05	<1	0.03	0.01
Z-4069-020	55489	290	291.5	1.5	1	0.06	0.23
Z-4069-020	55490	291.5	293	1.5	1	0.05	0.17
Z-4069-020	55491	293	294.5	1.5	<1	0.07	0.15
Z-4069-020	55493	294.5	296	1.5	<1	0.29	0.16
Z-4069-020	55494	296	297.5	1.5	<1	0.05	0.16
Z-4069-020	55495	297.5	299	1.5	<1	0.06	0.1
Z-4069-020	55496	299	300.4	1.4	<1	0.06	0.13
Z-4069-020	55497	300.4	301.1	0.7	<1	<0.01	<0.01
Z-4069-020	55498	301.1	302.6	1.5	<1	0.07	0.12
Z-4069-020	55500	302.6	304.1	1.5	<1	0.02	0.01
Z-4069-020	56521	304.1	304.7	0.6	<1	0.17	<0.01
Z-4069-020	56522	304.7	305.7	1	2	0.11	0.1
Z-4069-020	56523	286.25	287.25	1	<1	0.01	<0.01
Z-4069-020	56524	305.7	306.3	0.6	1	0.12	0.18
Z-4069-020	56525	306.3	306.9	0.6	<1	0.01	<0.01

Z-4069-020	56526	306.9	308.4	1.5	1	0.09	0.11
Z-4069-020	56527	308.4	308.9	0.5	<1	0.01	<0.01
Z-4069-020	56528	308.9	310.1	1.2	2	0.34	0.12
Z-4069-020	56530	310.1	311.4	1.3	1	0.08	0.08
Z-4069-020	56531	311.4	312.1	0.7	2	0.08	0.09
Z-4069-020	56532	312.1	313.5	1.4	1	0.05	0.09
Z-4069-020	56533	313.5	314.5	1	<1	0.02	<0.01
Z-4069-020	56534	363.85	364.85	1	<1	0.01	0.01
Z-4069-020	56535	364.85	365.15	0.3	1	1.71	0.25
Z-4069-020	56536	365.15	365.65	0.5	<1	0.02	<0.01
Z-4069-020	56537	365.65	366.55	0.9	9	0.1	2.24
Z-4069-020	56538	366.55	367.2	0.65	1	0.01	0.01
Z-4069-020	56539	367.2	368	0.8	<1	<0.01	0.04
Z-4069-020	56540	368	369	1	<1	0.01	<0.01
Z-4069-020	56541	407.9	408.9	1	<1	0.03	<0.01
Z-4069-020	56542	408.9	410	1.1	5	1.03	0.49
Z-4069-020	56543	410	411.5	1.5	6	0.67	0.93
Z-4069-020	56544	411.5	412.5	1	<1	0.02	0.01

TENEMENT DETAILS

Location	Project Name	Tenement #	Ownership	Titleholder #
Ireland	Meath	1450	100%	Beal Na Blath Resources Ltd
Ireland	Roscommon	2105	100%	Beal Na Blath Resources Ltd
Ireland	Monaghan	2193	100%	Beal Na Blath Resources Ltd
Ireland	Cork	2440	100%	Beal Na Blath Resources Ltd
Ireland	Galway	2724	100%	Beal Na Blath Resources Ltd
Ireland	Meath	2836	100%	Beal Na Blath Resources Ltd
Ireland	Monaghan	3027	100%	Beal Na Blath Resources Ltd
Ireland	Roscommon	3163	100%	Beal Na Blath Resources Ltd
Ireland	Cork	3202	100%	Beal Na Blath Resources Ltd
Ireland	Galway	3251	100%	Beal Na Blath Resources Ltd
Ireland	Monaghan	3397	100%	Beal Na Blath Resources Ltd
Ireland	Galway	3459	100%	Beal Na Blath Resources Ltd
Ireland	Longford	3526	100%	Beal Na Blath Resources Ltd
Ireland	Kildare	3846	100%	Raptor Resources Ltd
Ireland	Kildare	3866	100%	Raptor Resources Ltd
Ireland	Monaghan	3870	100%	Beal Na Blath Resources Ltd
Ireland	Monaghan	3871	100%	Beal Na Blath Resources Ltd
Ireland	Galway	3880	100%	Beal Na Blath Resources Ltd
Ireland	Kildare	4069	100%	Raptor Resources Ltd
Ireland	Kildare	4070	100%	Raptor Resources Ltd
Ireland	Kildare	4072	100%	Raptor Resources Ltd
Ireland	Kildare	4073	100%	Raptor Resources Ltd
Ireland	Kildare	890	100%	Raptor Resources Ltd
Ireland	Monaghan	4248	100%	Beal Na Blath Resources Ltd

Ireland	Monaghan	4251	100%	Beal Na Blath Resources Ltd
Australia	Leonora	M37/1202	*25%	Messina Resources Ltd
Australia	Leonora	E37/893	*25%	Messina Resources Ltd

 # Beal na Blath Resources Ltd and Raptor Resources Ltd are wholly-owned subsidiaries of Zinc Mines of Ireland Limited. Zinc Mines of Ireland Limited is a wholly-owned subsidiary of Zinc of Ireland NL (ZMI).

Messina Resources Ltd is a wholly owned subsidiary of ZMI. The Leonora Project is subject to a 'farm-in' Agreement with Roman Kings Ltd.*

+Rule 5.5

Appendix 5B

Mining exploration entity and oil and gas exploration entity quarterly report

Introduced 01/07/96 Origin Appendix 8 Amended 01/07/97, 01/07/98, 30/09/01, 01/06/10, 17/12/10, 01/05/13, 01/09/16

Name of entity

ZINC OF IRELAND NL

ABN	**Quarter ended ("current quarter")**
23 124 140 889	30 September 2018

Consolidated statement of cash flows		**Current quarter $A'000**	**Year to date (3 months) $A'000**
1.	**Cash flows from operating activities**		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation	(749)	(749)
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(134)	(134)
	(e) administration and corporate costs	(25)	(25)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	9	9
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Research and development refunds	-	-
1.8	Other (provide details if material)	-	-
1.9	**Net cash from / (used in) operating activities**	**(899)**	**(899)**

2.	**Cash flows from investing activities**		
2.1	Payments to acquire:		
	(a) property, plant and equipment	-	-
	(b) tenements (see item 10)	-	-
	(c) investments	-	-
	(d) other non-current assets	-	-

Consolidated statement of cash flows		**Current quarter** **$A'000**	**Year to date (3 months)** **$A'000**
2.2	Proceeds from the disposal of:		
	(a) property, plant and equipment	-	-
	(b) tenements (see item 10)	490	490
	(c) investments	-	-
	(d) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	**Net cash from / (used in) investing activities**	**490**	**490**

3.	**Cash flows from financing activities**		
3.1	Proceeds from issues of shares	950	950
3.2	Proceeds from issue of convertible notes	-	-
3.3	Proceeds from exercise of share options	-	-
3.4	Transaction costs related to issues of shares, convertible notes or options	(46)	(46)
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
3.10	**Net cash from / (used in) financing activities**	**904**	**904**

4.	**Net increase / (decrease) in cash and cash equivalents for the period**		
4.1	Cash and cash equivalents at beginning of period	2,978	2,978
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(899)	(899)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	490	490
4.4	Net cash from / (used in) financing activities (item 3.10 above)	904	904
4.5	Effect of movement in exchange rates on cash held	(31)	(31)
4.6	**Cash and cash equivalents at end of period**	**3,442**	**3,442**

5.	**Reconciliation of cash and cash equivalents** at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	**Current quarter $A'000**	**Previous quarter $A'000**
5.1	Bank balances	1,442	178
5.2	Call deposits	2,000	2,800
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	**Cash and cash equivalents at end of quarter (should equal item 4.6 above)**	**3,442**	**2,978**

6.	**Payments to directors of the entity and their associates**	**Current quarter $A'000**
6.1	Aggregate amount of payments to these parties included in item 1.2	134
6.2	Aggregate amount of cash flow from loans to these parties included in item 2.3	-

6.3 Include below any explanation necessary to understand the transactions included in items 6.1 and 6.2

Directors' fees, wages and superannuation – all payments are on normal commercial terms

7.	**Payments to related entities of the entity and their associates**	**Current quarter $A'000**
7.1	Aggregate amount of payments to these parties included in item 1.2	-
7.2	Aggregate amount of cash flow from loans to these parties included in item 2.3	-

7.3 Include below any explanation necessary to understand the transactions included in items 7.1 and 7.2

N/A

8.	**Financing facilities available** *Add notes as necessary for an understanding of the position*	**Total facility amount at quarter end $A'000**	**Amount drawn at quarter end $A'000**
8.1	Loan facilities	-	-
8.2	Credit standby arrangements	-	-
8.3	Other (please specify)	-	-

8.4 Include below a description of each facility above, including the lender, interest rate and whether it is secured or unsecured. If any additional facilities have been entered into or are proposed to be entered into after quarter end, include details of those facilities as well.

N/A

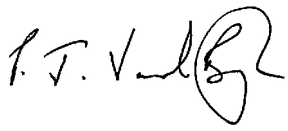
9.	**Estimated cash outflows for next quarter**	**$A'000**
9.1	Exploration and evaluation	750
9.2	Development	-
9.3	Production	-
9.4	Staff costs	156
9.5	Administration and corporate costs	50
9.6	Other (provide details if material)	-
9.7	**Total estimated cash outflows**	**956**

10.	**Changes in tenements (items 2.1(b) and 2.2(b) above)**	**Tenement reference and location**	**Nature of interest**	**Interest at beginning of quarter**	**Interest at end of quarter**
10.1	Interests in mining tenements and petroleum tenements lapsed, relinquished or reduced	M37/1202 & E37/893	Leonora Gold Project	100%	25%
10.2	Interests in mining tenements and petroleum tenements acquired or increased	-	-	-	-

Compliance statement

1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.

2 This statement gives a true and fair view of the matters disclosed.



Sign here: _____ Date: 31 October 2018

Managing Director

Print name: **Peter van der Borgh**

Notes

1. The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity that wishes to disclose additional information is encouraged to do so, in a note or notes included in or attached to this report.

2. If this quarterly report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, AASB 6: Exploration for and Evaluation of Mineral Resources and AASB 107: Statement of Cash Flows apply to this report. If this quarterly report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.

3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.