

Quarterly Activities Report for Period Ended 31 December 2017

Discovery of high-grade shallow zinc mineralisation at Celtic Tiger and McGregor transforms outlook for Kildare Zinc Project.

Highlights:

KILDARE ZINC PROJECT, IRELAND (ZMI: 100%)

- **CELTIC TIGER:** Discovery of multiple high-grade zones of mineralisation within 200m of the surface.
 - 23.95m @ 8.0% Zn+Pb from 166.0m (Celtic Tiger, 007), including:
 - 8.70m @ 12.6% Zn+Pb from 166.0m;
 - 1.05m @ 25.0% Zn+Pb from 177.4m; and
 - 3.70m @ 9.16% Zn+Pb from 81.5m (Celtic Tiger, 007)
 - 5.45m @ 13.4% Zn+Pb from 130.2m (Celtic Tiger, 007)
 - 2.60m @ 15.2% Zn+Pb from 156.5m (Celtic Tiger, 007)
- **MCGREGOR:** Extensions to 'Fault' related mineralisation (*calculated true thicknesses).
 - 3.11m @ 19.6% Zn+Pb from 205.40m (McGregor, 008)*
 - 2.20m @ 12.1% Zn+Pb from 224.51m (McGregor, 008)*
 - 11.50m @ 6.1% Zn+Pb from 238m (McGregor, 006)*
 - 7.97m @ 7.1% Zn+Pb from 266.90m (McGregor, 008)*
- **MGREGOR:** Extensions to Base of Reef mineralisation.
 - 5.36m @ 11.1% Zn+Pb from 366.70m (McGregor, 006)*
 - 11.19m @ 10.3% Zn+Pb from 423.22m (McGregor, 008)*
- Shallower mineralisation across the project marks an important breakthrough for the Company.
- Project review and target generation currently in progress for 2018 field season.

CORPORATE

- Well capitalised for ongoing exploration with >\$2M cash at bank and no debt.
- Further improvements in the zinc price, which recently hit decade-long highs on the back of supply constraints and a strong demand outlook, provide a strong backdrop for ZMI's exploration and development activities.

ZMI's Managing Director, Peter van der Borgh, said: *"The significant breakthroughs we achieved with the drill-bit in the December quarter have set us up for what we hope will be a transformational year for ZMI in 2018. The Phase 3 diamond drill program made a vital breakthrough with the discovery of thick, high-grade zinc mineralisation within just a couple of hundred metres of surface at both McGregor and Celtic Tiger."*

"This validates our exploration model which predicted that shallower mineralisation could occur at the western end of the Allenwood Graben as the host stratigraphy steps up in this area. It is a game-changer in several respects. Firstly, shallower mineralisation means cheaper and quicker drilling. Secondly, more accessible mineralisation will translate into improved economics for any future mine development. Finally, it brings a 4km strike length of similar geology into play along the Western Margin of the Graben – opening up a huge area for potential additional new discoveries".

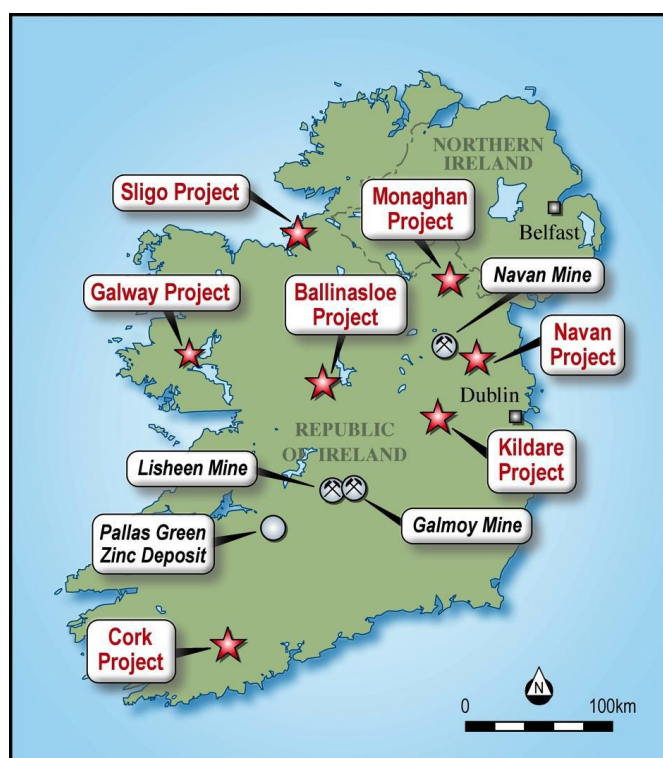


Figure 1: ZMI's projects (stars) and major zinc mines in Ireland.

Kildare Zinc Project, Ireland (ZMI: 100%)

Phase 3 Drilling Program

The Phase 3 drilling program commenced in August 2017 at the Company's flagship 100%-owned **Kildare Zinc Project**, located 40km south-west of Dublin in Central Ireland (Figure 1).

The objectives were to test extensions to zinc-lead mineralisation at the McGregor Prospect (Figures 2&3), which hosts the majority of the Kildare Inferred JORC Resource comprising 5.2Mt @ 8.6% Zn+Pb, and to better delineate rock types, structures and mineralisation along the Western Margin of the Allenwood Graben where the Company intercepted shallower mineralisation at the Celtic Tiger prospect in drill hole Z_4069_004 in June.

A total of thirteen drill holes were completed for 3,210 metres. Samples were dispatched to the ALS laboratory in Loughrea.

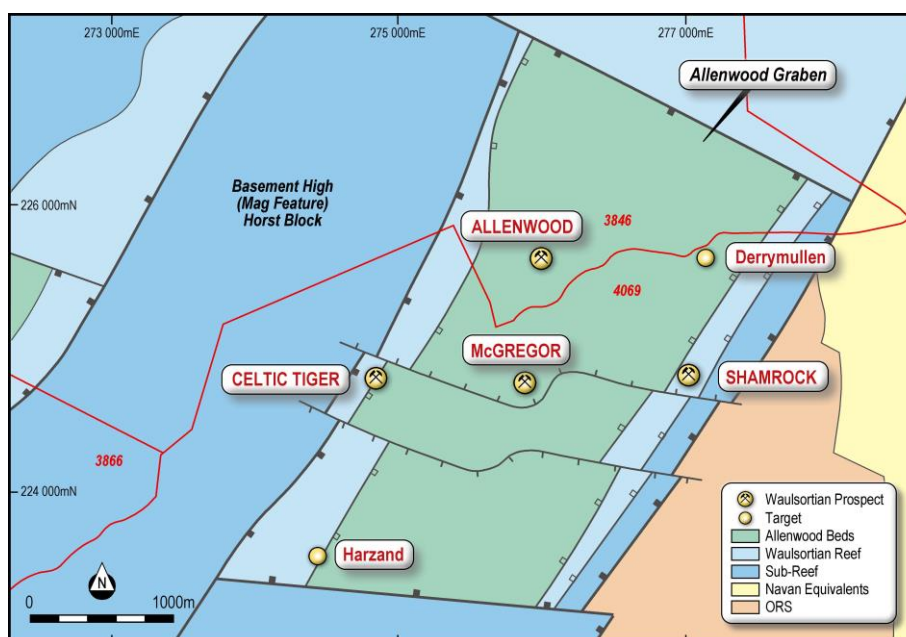


Figure 2: Allenwood Graben and key prospect locations including McGregor and Celtic Tiger, which are the focus of the Phase 3 drilling program.

Extension Drilling, McGregor

Two more angled holes, Z_4069_006 and _008, were drilled at McGregor (Figures 3&4), targeting extensions to mineralisation along the recently discovered McGregor Fault, and extensions to the Base of Reef (BoR) and sub-Reef mineralisation.

Results from the McGregor Fault in holes 006 and 008 included **3.11m @ 19.6% Zn+Pb from 205.4m (008) and 11.35m @ 6.1% Zn+Pb from 238m (006)**, confirming that shallow mineralisation is well developed and continuous along the fault.

The full extent of this mineralisation is yet to be determined but given that the fault is adjacent to the McGregor BoR mineralisation some 200m deeper down, both the strike and dip components could be considerable.

Furthermore, the higher Pb/Zn ratios observed in the fault are consistent with 'feeder' structures observed in many Irish type deposits, further enhancing the prospectivity of this structure, and the significance of such structures as a key component of the ore genesis at Kildare. All of this has connotations for the prospectivity and future exploration of the project.

Thick, high grade BoR mineralisation in Zone A was intercepted in hole 008 comprising **11.19m @ 10.3% Zn+Pb from 423.22m**. Drill hole 006 also intersected mineralisation comprising **5.36m @ 11.1% Zn+Pb from 366.70m** towards the Base of Reef. The Base of Reef contact in hole 006 was faulted, and a portion of mineralisation is likely to have been displaced.

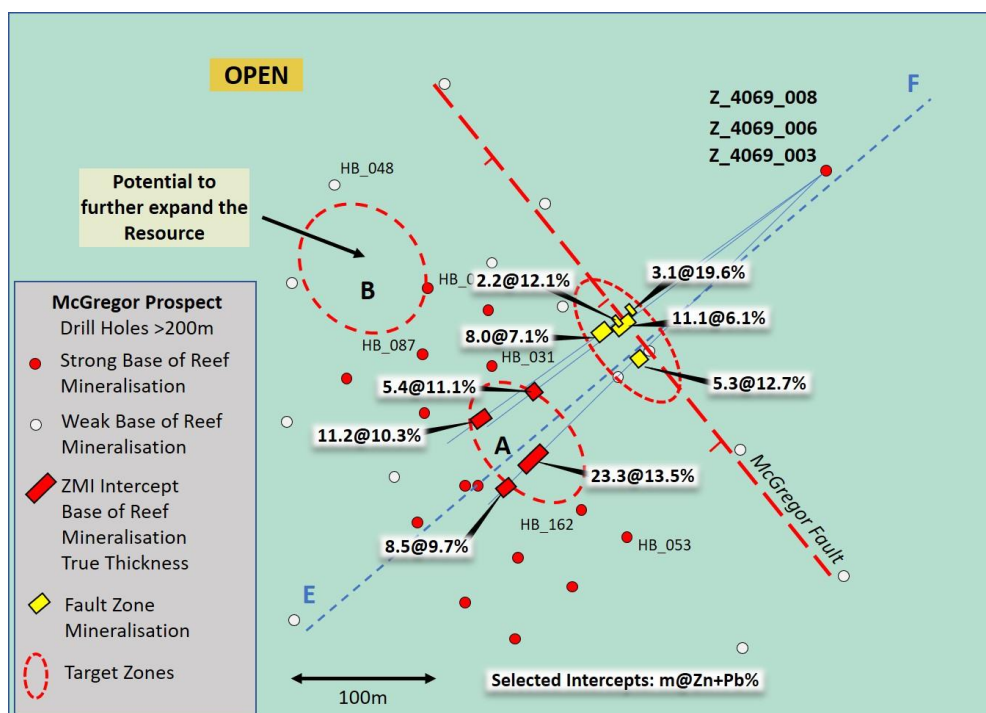


Figure 3: Plan of the McGregor Prospect showing the location of drill hole collars, projected hole traces and intercepts. Note the E-F cross-section line shown in Figure 4.

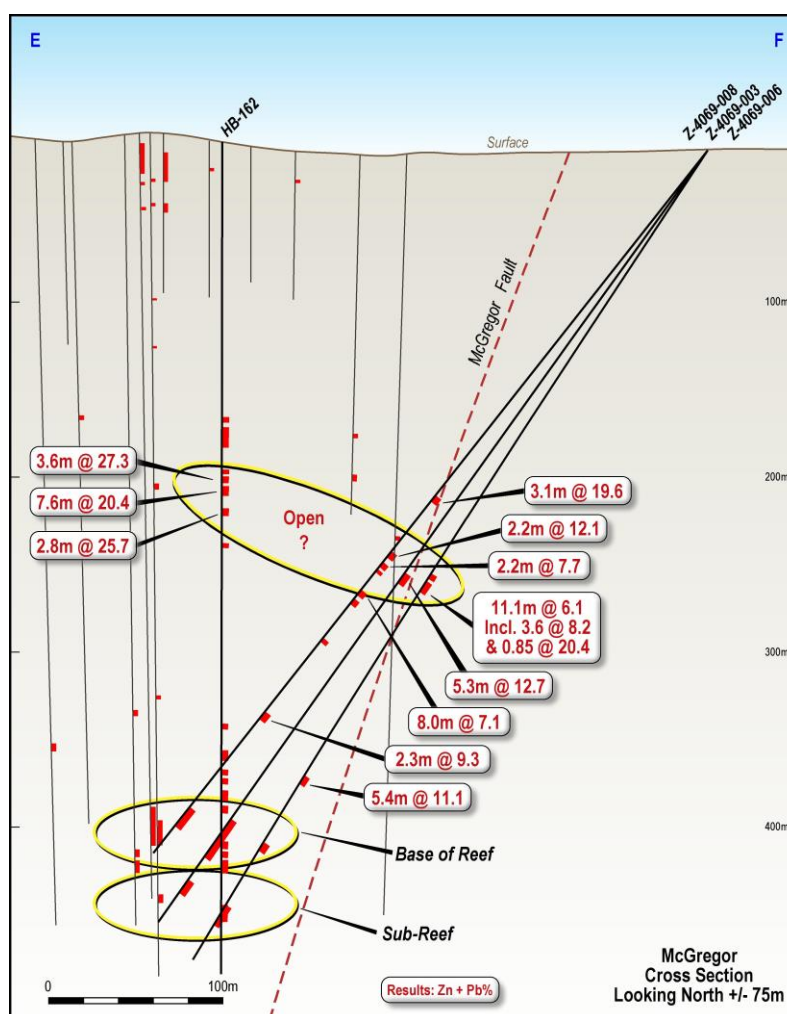


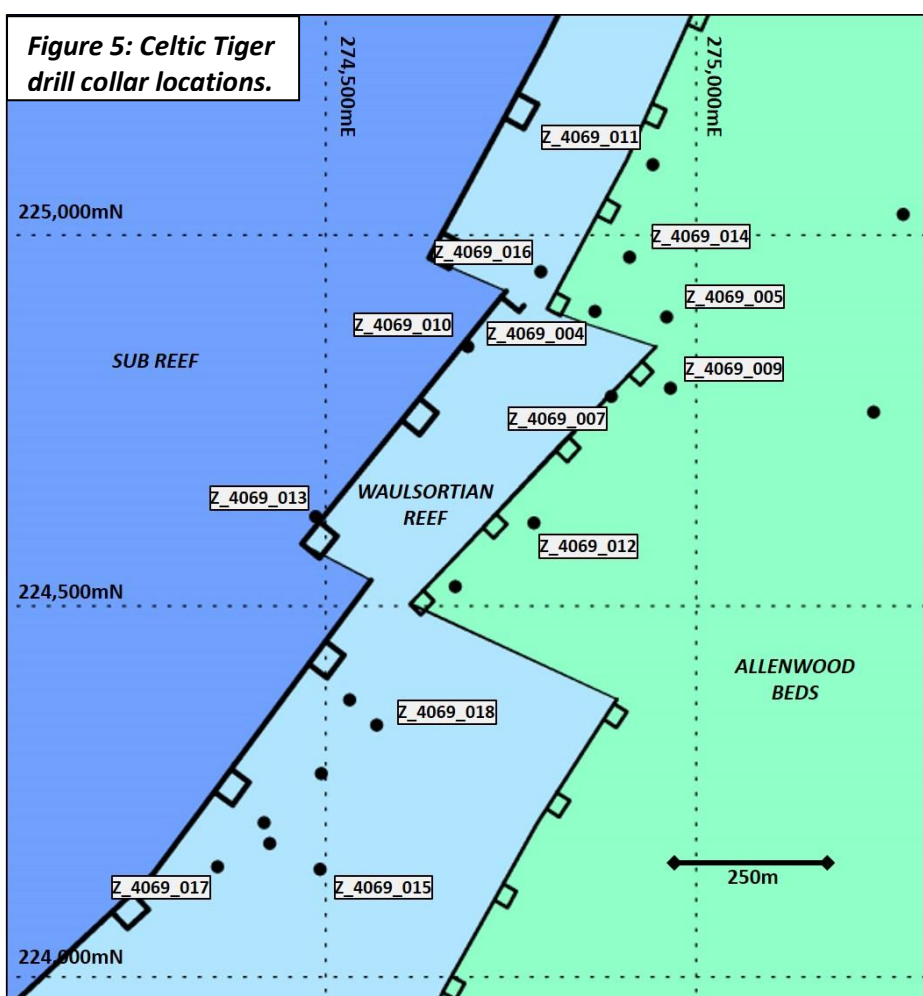
Figure 4. Cross-section through the McGregor Prospect, highlighting the intersected zones of fault related mineralisation in ZMI's recent drill holes, and the potential correlation with zones of mineralisation in historical hole HB162.

New Discovery at Celtic Tiger

Following the positive results from the initial hole drilled at Celtic Tiger in June, which included **2.85m @ 20.9% Zn+Pb from 193.90m** (Z_4069_004 reported July 2017), Phase 3 included 10 drill holes along ~1km strike of the Western Margin (Figure 5). As there is no outcrop, holes were designed to delineate rock types and structures, as well as the presence of mineralisation. Three holes were drilled to test historical geochemical anomalies south of the Celtic Tiger prospect.

Drill hole Z_4069_007 confirmed multiple zones of high-grade zinc mineralisation in the shallower regions of the Celtic Tiger prospect, with highly encouraging assay results including **5.45m @ 13.4% Zn+Pb from 130.2m, 2.60m @ 15.2% Zn+Pb from 156.5m, and 8.70m @ 12.6% Zn+Pb from 166.0m**, thereby demonstrating that the Kildare Project hosts significant zinc-lead mineralisation within 200m of the surface.

The Celtic Tiger mineralisation comprises zones of white matrix breccia (WMB) and calcite veining with abundant tan sphalerite (ZnS), marcasite (FeS₂), and galena (PbS) towards the base and at the base of the Waulsortian Reef. Replacement of breccia clasts is common in many of the more mineralised horizons.



As such, the mineralisation in Z_4069_007 resembles the mineralisation observed towards and at the Base of Reef horizon at McGregor, which hosts a significant component of the 5.2Mt Kildare Inferred Resource. If the geometry of the mineralisation is also similar (i.e. sub-horizontal), it can be assumed that the intercepts in this vertical hole are close to true thickness, although this has yet to be confirmed.

The remaining holes confirmed the presence of abundant Waulsortian Reef, which hosts the majority of mineralisation at McGregor, and was the host rock at Lisheen and Galmoy. The relationship between the Waulsortian Reef and the lithologies above and below it implies a complex array of fault

bounded blocks with considerable vertical and lateral offsets, which are positive parameters for Irish type zinc lead deposits.

The highly significant assay results – from recently completed diamond drill holes Z_4069_006 (006), Z_4069_007 (007) and Z_4069_008 (008) – clearly demonstrate the potential for shallower mineralisation at Kildare, transforming the outlook for the Project and significantly upgrading its discovery and growth potential.

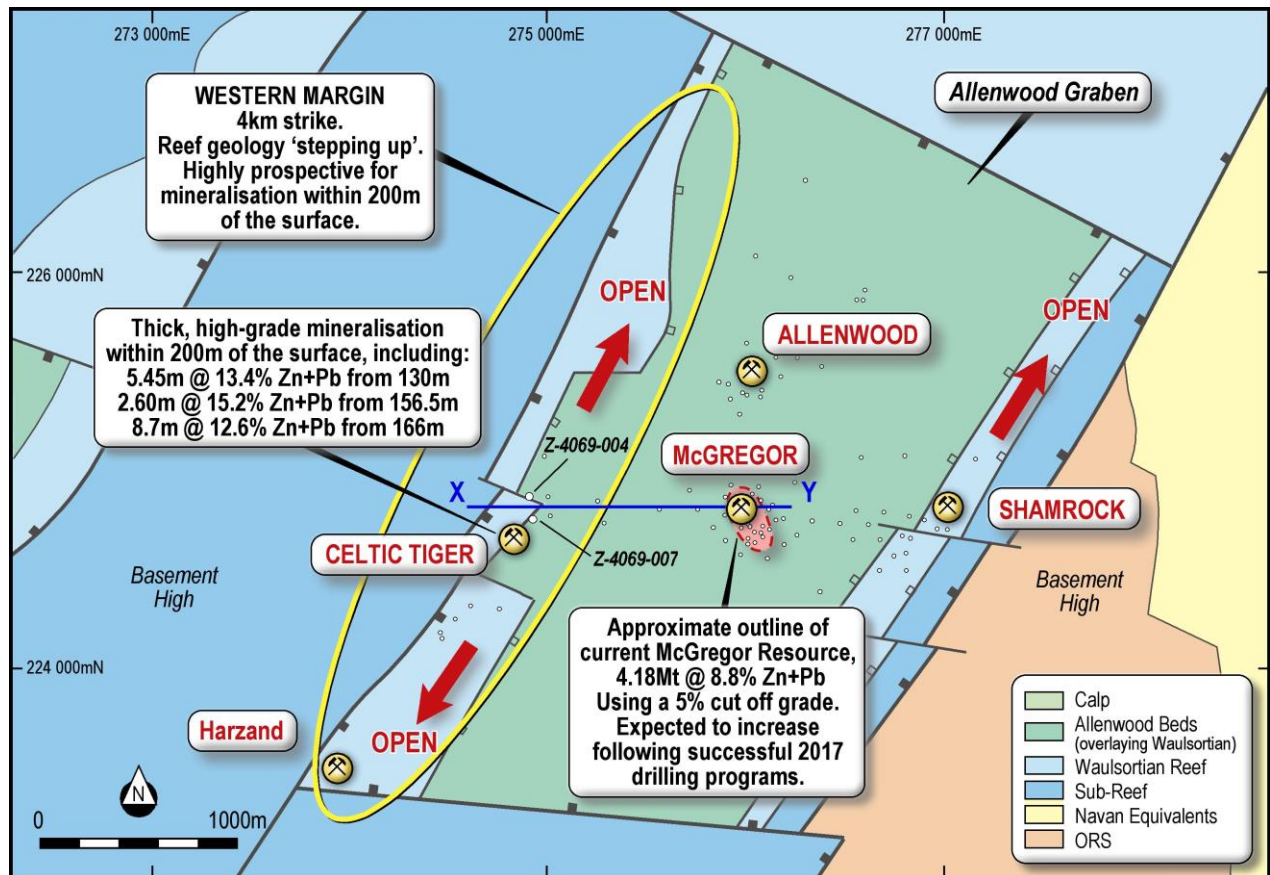


Figure 6. Geology plan of the Allenwood Graben. Note the cross-section line X-Y displayed in Figure 4.

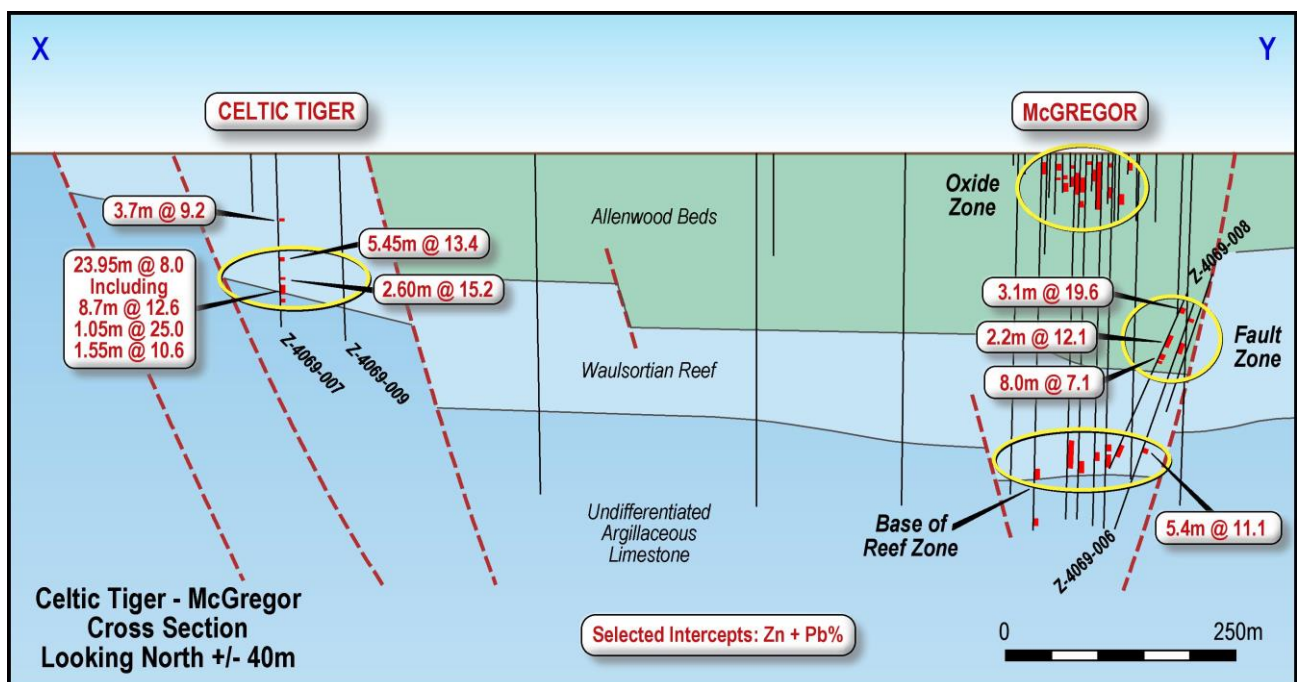


Figure 7. Cross-section from Celtic Tiger to McGregor, highlighting selected. Note the Waulsortian Reef stepping up along the western margin of the graben.

Table 1. Drill collar details relating to this report. Irish Grid 65.

HoleID	mE	mN	Dip	Azimuth	RL	Total Depth (m)
Z_4069_006	257253	224938	-58.5	230	78	583.5
Z_4069_007	274915	224872	-90	360	75	277.4
Z_4069_008	276253	224938	-53.7	233	78	575.1
Z_4069_009	275021	224769	-90	360	83	298.0
Z_4069_010	274745	224828	-90	360	83	87.0
Z_4069_011	274996	225072	-90	360	80	233.5
Z_4069_012	274836	224590	-90	360	80	260.0
Z_4069_013	274544	224595	-90	360	80	89.0
Z_4069_014	274968	224949	-90	360	77	143.0
Z_4069_015	274545	224121	-90	360	77	167.5
Z_4069_016	274843	224926	-90	360	78	128.0
Z_4069_017	274406	224124	-90	360	81	203.5
Z_4069_018	274638	224205	-58	045	77	220.8

Navan Project (ZMI 100%; PLs 2386 and 1450)

ZMI is analysing the findings of a multi-disciplinary prospectivity review recently completed on its Navan Project, with the objective being to identify similarities with the world-class Tara mine, located some 20km to the north-west.

A range of geological, geophysical and geochemical datasets have been acquired and reviewed in order to generate potential targets.

Ballinsasloe Project (ZMI 100%; PLs 2105, 3163, 3459)

ZMI is reviewing a prospectivity analysis recently completed on the three Ballinsasloe licenses. An historical drill hole database has been collated, geophysical datasets acquired and surface geochemistry compiled. Key aspects under review include evidence for historical mineralisation, the distribution of black matrix breccias, and the depth to the base of Waulsortian Reef and Navan equivalents in the area.

Galway Project (ZMI 100%; PLs 3251, 3459, 3880)

The Company and its Irish consultants continue to evaluate the Galway project.

Cork Project (ZMI 100%; PLs 2440, 3202)

The Company and its Irish consultants continue to evaluate the Cork project.

Monaghan Project (ZMI 100%; PLs 2193, 3027, 3397, 3870, 3871, 3526, 4248, 4251)

The Company and its Irish consultants continue to evaluate the Monaghan project.

CORPORATE

Annual General Meeting

The Company's Annual General Meeting was held in Perth on 14 November 2017. All resolutions were supported by shareholders.

The Company has a robust cash position of ~\$2M to enable ongoing exploration in Ireland.

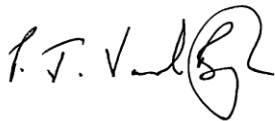
The company attracted significant corporate interest when it attended Mines and Money in London in November 2017.

NEXT STEPS

ZMI's annual review and regional targeting work is underway in order to prioritise drill targets for the 2018 field season.

ZMI has initiated a structural study to better understand the fault-controls on mineralisation and enhance future targeting.

Yours faithfully,



Peter van der Borgh

Managing Director
Zinc of Ireland NL

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Competent Person Statement

The information in this document is based on information compiled by Mr Peter van der Borgh, BSc (Hons, 1st Class), 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 report of the matters based on his information in the form and context in which it appears.

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 INFORMATION

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	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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). 	<ul style="list-style-type: none"> Diamond drilling, PQ, HQ and NQ sized. Upper portions of the drill holes were triple tubed or tri-coned to increase hole stability. The core was orientated topside using a Reflex ACT tool.
Drill sample recovery	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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.
Logging	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Drill holes have been logged by a competent representative geologist in Ireland. The detailed logging is ongoing and should support addition into a mineral resource estimate at a later date. A visual estimate of mineral types and amounts and interpreted lithology was

Criteria	JORC Code explanation	Commentary
	<p>quantitative in nature. Core (or costean, channel, etc) photography.</p> <ul style="list-style-type: none"> The total length and percentage of the relevant intersections logged. 	<p>completed using a standardised logging template.</p> <ul style="list-style-type: none"> Photography of mineralised zones is complete.
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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.
Location of data points	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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 Relfex EZ-TRAC and are displayed in Appendix 2. Location of the collar and downhole information is considered appropriate for this stage of exploration.
Data spacing	<ul style="list-style-type: none"> Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the 	<ul style="list-style-type: none"> Drill collars are not at a standard data spacing but are placed to intersect maximum metal grades (see plan view maps above).

Criteria	JORC Code explanation	Commentary
and distribution	<p>degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</p> <ul style="list-style-type: none"> Whether sample compositing has been applied. 	<ul style="list-style-type: none"> 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. The results from hole Z_4069_006 and Z_4069_08 are expected to be used in addition to historical data to support a mineral resource estimate but this is as yet to be confirmed.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Calculated vertical depths and thicknesses have been quoted for Z_4069_006 and _008 so as to alleviate any undue bias of drilling results. Calculated vertical thicknesses have not been applied to Z_4069_007, as the orientation of mineralisation is not yet known. Vertical thickness has been calculated using an average of the top and bottom drillhole surveys. This may cause minor under- or over-estimation of the true thickness but this is not expected to be material. Minor rounding due to thickness calculation may have occurred but this is not expected to be material. Mineralisation appears to be horizontal/sub-horizontal.
Sample security	<ul style="list-style-type: none"> The measures taken to ensure sample security. 	<ul style="list-style-type: none"> Samples were under the custody of company representatives in-country until delivery to the lab.
Audits or reviews	<ul style="list-style-type: none"> The results of any audits or reviews of sampling techniques and data. 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> The Kildare Project is comprised of 7 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	<ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> Historical exploration is outlined in GXN Announcement dated 17th March 2016 and associated annexes.
Geology	<ul style="list-style-type: none"> Deposit type, geological setting and style of mineralisation. 	<ul style="list-style-type: none"> 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 volcanics. The area is considered prospective for breccia-hosted Fe-Zn-Pb deposits (a Mississippi Valley-type mineralisation style).
Drill hole Information	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Drill collar locations are displayed on maps and coordinates and survey details are tabulated in the body of the report.
Data aggregation methods	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> These relationships are particularly important in the reporting of Exploration Results. 	<ul style="list-style-type: none"> Relationship between true mineralisation width and reported intercepts appear to be either perpendicular or close to for 90° drill

Criteria	JORC Code explanation	Commentary
widths and intercept lengths	<ul style="list-style-type: none"> 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'). 	<p>holes.</p> <ul style="list-style-type: none"> Angled holes have a lower angle of intersection and as such true vertical widths have been calculated.
Diagrams	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Plans and sections appear throughout this release.
Balanced reporting	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> All drill holes with assays received have been reported in Appendix 1. Reported intervals are those which are of the highest grade and/or greatest width.
Other substantive exploration data	<ul style="list-style-type: none"> 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; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances. 	<ul style="list-style-type: none"> N/A
Further work	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> As summarised at the end of the announcement.

APPENDIX 1: Assay Results

Note: All depths are downhole

Hole ID	Sample No.	From_m	To_m	Interval_m	Ag_ppm	Zn_%	Pb_%
Z_4069_006	50245	243.2	244.2	1	<1	0.01	<0.01
Z_4069_006	50246	244.2	244.4	0.2	<1	0.43	0.01
Z_4069_006	50247	244.4	245	0.6	<1	1.68	0.01
Z_4069_006	50248	245	245.45	0.45	<1	2.9	0.05
Z_4069_006	50249	245.45	246.25	0.8	7	15.3	0.28
Z_4069_006	50250	246.25	247	0.75	2	0.03	<0.01
Z_4069_006	50251	277.5	278.7	1.2	2	0.06	<0.01
Z_4069_006	50252	278.7	279.7	1	2	0.37	0.06
Z_4069_006	50253	279.7	280.4	0.7	2	0.10	<0.01
Z_4069_006	50254	280.4	281	0.6	5	6.50	1.21
Z_4069_006	50255	281	282.15	1.15	2	0.28	0.03
Z_4069_006	50256	282.15	282.75	0.6	10	14.75	8.64
Z_4069_006	50258	282.75	283.05	0.3	3	0.91	0.25
Z_4069_006	50259	283.05	283.5	0.45	2	2.95	0.71
Z_4069_006	50260	283.5	284	0.5	6	11.45	3.93
Z_4069_006	50261	284	284.5	0.5	5	6.47	3.49
Z_4069_006	50262	284.5	286	1.5	<1	0.51	0.2
Z_4069_006	50264	286	287	1	1	0.81	0.24
Z_4069_006	50265	287	288	1	<1	1.10	0.04
Z_4069_006	50266	288	288.4	0.4	3	9.38	2.01
Z_4069_006	50267	288.4	289	0.6	8	24.3	2.13
Z_4069_006	50268	289	290	1	<1	0.12	0.02
Z_4069_006	50269	290	290.7	0.7	3	2.89	0.34
Z_4069_006	50270	290.7	291.25	0.55	3	2.39	0.29
Z_4069_006	50271	291.25	291.5	0.25	3	19.2	1.41
Z_4069_006	50272	291.5	292.35	0.85	4	4.63	0.24
Z_4069_006	50273	292.35	293.25	0.9	<1	0.65	0.11
Z_4069_006	50274	293.25	293.75	0.5	11	16.55	3.58
Z_4069_006	50275	293.75	294.75	1	4	2.72	0.11
Z_4069_006	50277	304.9	305.75	0.85	5	0.76	0.03
Z_4069_006	50278	305.75	306.9	1.15	4	4.21	0.04
Z_4069_006	50279	306.9	308.3	1.4	<1	0.03	<0.01
Z_4069_006	50281	308.3	309.1	0.8	2	3.05	0.04
Z_4069_006	50282	309.1	310.4	1.3	3	7.36	0.22
Z_4069_006	50283	310.4	311.5	1.1	6	4.46	0.03
Z_4069_006	50284	311.5	312.5	1	<1	1.35	0.01
Z_4069_006	50285	312.5	313.5	1	<1	0.20	0.01
Z_4069_006	50286	313.5	314.2	0.7	<1	1.63	0.03
Z_4069_006	50287	314.2	314.6	0.4	2	2.40	0.47
Z_4069_006	50288	314.6	315.6	1	<1	1.48	0.02
Z_4069_006	50289	315.6	316.1	0.5	<1	1.78	0.01
Z_4069_006	50290	316.1	317.6	1.5	<1	4.21	0.15
Z_4069_006	50291	317.6	319.1	1.5	1	3.42	0.08
Z_4069_006	50292	319.1	319.5	0.4	<1	3.35	0.19
Z_4069_006	50293	319.5	320.5	1	2	0.48	0.02

Z_4069_006	50294	362.6	363	0.4	<1	0.11	0.01
Z_4069_006	50295	363	363.4	0.4	6	8.09	0.47
Z_4069_006	50296	363.4	364.5	1.1	<1	0.52	0.02
Z_4069_006	50297	391.5	392.4	0.9	1	0.56	0.02
Z_4069_006	50298	392.4	393.4	1	<1	1.21	0.09
Z_4069_006	50299	393.4	394.4	1	1	2.98	0.23
Z_4069_006	50300	394.4	395.95	1.55	2	6.70	0.35
Z_4069_006	50301	395.95	397.05	1.1	<1	2.51	0.13
Z_4069_006	50302	397.05	398.55	1.5	<1	0.97	0.03
Z_4069_006	50303	398.55	399.15	0.6	2	1.29	0.18
Z_4069_006	50304	399.15	399.8	0.65	6	3.34	0.23
Z_4069_006	50305	399.8	400.3	0.5	2	2.01	0.28
Z_4069_006	50306	400.3	401.4	1.1	<1	0.03	0.01
Z_4069_006	50307	401.4	401.65	0.25	<1	0.06	0.16
Z_4069_006	50308	401.65	402.15	0.5	<1	0.01	0.01
Z_4069_006	50309	402.15	402.5	0.35	<1	0.04	0.12
Z_4069_006	50310	402.5	402.95	0.45	<1	0.01	0.01
Z_4069_006	50311	402.95	404.55	1.6	<1	0.54	0.25
Z_4069_006	50312	404.55	405	0.45	<1	0.01	0.04
Z_4069_006	50313	405	405.7	0.7	<1	1.11	0.21
Z_4069_006	50314	405.7	406.2	0.5	1	1.18	0.46
Z_4069_006	50315	406.2	406.7	0.5	<1	0.04	0.01
Z_4069_006	50316	406.7	407.6	0.9	1	0.19	0.21
Z_4069_006	50317	407.6	408.3	0.7	<1	0.01	<0.01
Z_4069_006	50318	408.3	408.8	0.5	<1	0.52	0.08
Z_4069_006	50319	408.8	410.3	1.5	<1	0.04	<0.01
Z_4069_006	50320	410.3	411.1	0.8	<1	0.02	0.01
Z_4069_006	50321	411.1	412	0.9	<1	0.36	0.02
Z_4069_006	50322	412	412.3	0.3	<1	<0.01	<0.01
Z_4069_006	50323	412.3	413.8	1.5	<1	0.01	<0.01
Z_4069_006	50324	413.8	415.1	1.3	<1	0.01	0.05
Z_4069_006	50325	415.1	416.5	1.4	<1	0.01	0.07
Z_4069_006	50326	416.5	417	0.5	1	0.36	0.1
Z_4069_006	50327	417	418.5	1.5	<1	<0.01	<0.01
Z_4069_006	50328	418.5	419	0.5	<1	0.03	0.08
Z_4069_006	50329	419	420	1	<1	0.01	0.01
Z_4069_006	50351	420	421.5	1.5	<1	<0.01	0.06
Z_4069_006	50352	421.5	422.3	0.8	<1	<0.01	0.05
Z_4069_006	50353	422.3	422.75	0.45	3	1.15	0.22
Z_4069_006	50354	422.75	423.45	0.7	<1	0.06	<0.01
Z_4069_006	50355	423.45	424	0.55	3	4.88	0.2
Z_4069_006	50356	424	424.25	0.25	<1	0.02	0.05
Z_4069_006	50357	424.25	424.9	0.65	1	1.87	0.18
Z_4069_006	50359	424.9	425.8	0.9	<1	<0.01	<0.01
Z_4069_006	50360	425.8	426.5	0.7	1	1.89	0.15
Z_4069_006	50361	426.5	427.65	1.15	1	0.75	0.06
Z_4069_006	50362	427.65	428.7	1.05	<1	<0.01	0.02
Z_4069_006	50363	428.7	429.7	1	<1	<0.01	0.01
Z_4069_006	50364	429.7	430.7	1	<1	1.83	0.07

Z_4069_006	50365	430.7	431.4	0.7	<1	0.61	0.07
Z_4069_006	50366	431.4	431.85	0.45	3	8.36	0.67
Z_4069_006	50367	431.85	432.7	0.85	<1	0.01	0.02
Z_4069_006	50368	432.7	433.35	0.65	1	3.49	0.17
Z_4069_006	50369	433.35	434.15	0.8	<1	6.81	0.18
Z_4069_006	50370	434.15	434.75	0.6	2	8.98	0.3
Z_4069_006	50372	434.75	435.3	0.55	<1	0.15	0.04
Z_4069_006	50373	435.3	435.85	0.55	3	18.75	0.77
Z_4069_006	50374	435.85	436.2	0.35	2	6.45	0.54
Z_4069_006	50375	436.2	437.35	1.15	16	26.8	3.89
Z_4069_006	50377	437.35	437.7	0.35	8	16.65	2.42
Z_4069_006	50378	437.7	438.4	0.7	<1	0.83	0.13
Z_4069_006	50379	438.4	438.7	0.3	1	1.58	0.29
Z_4069_006	50380	438.7	439.3	0.6	<1	0.34	0.05
Z_4069_006	50381	439.3	440	0.7	<1	0.22	0.1
Z_4069_006	50382	440	440.5	0.5	<1	0.04	0.03
Z_4069_006	50383	440.5	441.4	0.9	<1	0.10	0.01
Z_4069_006	50384	441.4	442.5	1.1	<1	0.11	0.05
Z_4069_006	50386	442.5	443.5	1	<1	0.41	0.11
Z_4069_006	50387	443.5	445	1.5	<1	0.04	0.01
Z_4069_006	50388	445	446.4	1.4	<1	0.26	0.08
Z_4069_006	50389	446.4	447.4	1	1	0.23	0.05
Z_4069_006	50390	447.4	447.8	0.4	<1	0.10	0.01
Z_4069_006	50391	447.8	448.7	0.9	<1	0.29	0.05
Z_4069_006	50392	448.7	449.7	1	<1	0.01	<0.01
Z_4069_006	50393	459.65	460.65	1	<1	0.03	0.03
Z_4069_006	50394	460.65	460.85	0.2	1	0.64	0.24
Z_4069_006	50395	460.85	461.85	1	<1	0.16	0.04
Z_4069_006	50330	467	468	1	<1	0.09	<0.01
Z_4069_006	50465	468	468.8	0.8	<1	4.00	0.24
Z_4069_006	50331	468.8	469.6	0.8	<1	0.09	0.01
Z_4069_006	50332	469.6	471.05	1.45	<1	0.16	0.02
Z_4069_006	50334	471.05	417.4	-53.65	<1	0.08	0.07
Z_4069_006	50335	471.4	472.25	0.85	<1	0.16	0.04
Z_4069_006	50336	472.25	472.65	0.4	<1	<0.01	0.01
Z_4069_006	50337	472.65	473.4	0.75	1	0.09	0.07
Z_4069_006	50338	473.4	473.8	0.4	<1	0.20	0.02
Z_4069_006	50339	473.8	474.2	0.4	2	0.18	0.1
Z_4069_006	50340	474.2	475.5	1.3	<1	0.05	0.04
Z_4069_006	50341	475.5	476.5	1	<1	<0.01	0.04
Z_4069_006	50342	476.5	477.4	0.9	<1	<0.01	0.03
Z_4069_006	50343	477.4	478.95	1.55	1	1.18	0.14
Z_4069_006	50344	478.95	480.1	1.15	2	0.03	0.01
Z_4069_006	50345	480.1	480.5	0.4	1	1.98	0.24
Z_4069_006	50346	480.5	481	0.5	7	0.32	0.35
Z_4069_006	50347	481	482.3	1.3	1	0.17	0.07
Z_4069_006	50349	482.3	482.85	0.55	<1	0.15	0.05
Z_4069_006	50350	482.85	483.4	0.55	7	7.81	0.6
Z_4069_006	50451	483.4	484.6	1.2	<1	0.04	0.06

Z_4069_006	50452	484.6	485.4	0.8	<1	0.02	0.01
Z_4069_006	50453	485.4	486.1	0.7	3	7.99	0.29
Z_4069_006	50455	486.1	486.9	0.8	<1	<0.01	0.01
Z_4069_006	50456	486.9	488.1	1.2	<1	0.01	0.06
Z_4069_006	50457	488.1	488.75	0.65	3	4.83	0.29
Z_4069_006	50458	488.75	489.25	0.5	<1	0.02	<0.01
Z_4069_006	50459	489.25	490.6	1.35	3	14.7	0.65
Z_4069_006	50460	472.65	473.4	0.75	2	0.14	0.08
Z_4069_006	50461	490.6	491.3	0.7	2	8.78	0.42
Z_4069_006	50462	491.3	491.8	0.5	1	0.01	0.02
Z_4069_006	50463	491.8	493.3	1.5	5	11.2	0.36
Z_4069_006	50464	493.3	494.4	1.1	1	0.04	0.08
Z_4069_006	50396	521.65	522.65	1	2	1.20	0.14
Z_4069_006	50397	522.65	523.5	0.85	3	3.12	0.91
Z_4069_006	50398	523.5	524.2	0.7	3	3.31	0.15
Z_4069_006	50399	524.2	524.85	0.65	3	5.37	0.32
Z_4069_006	50400	524.85	525.85	1	4	5.98	0.11
Z_4069_006	50401	525.85	526.9	1.05	<1	0.11	0.05
Z_4069_006	50466	526.9	527.9	1	1	0.20	0.03
Z_4069_006	50467	527.9	528.35	0.45	<1	0.90	0.08
Z_4069_006	50468	528.35	529.8	1.45	<1	0.04	0.01
Z_4069_006	50469	529.8	531.3	1.5	4	1.01	0.11
Z_4069_006	50470	531.3	532.4	1.1	1	0.05	0.01
Z_4069_006	50471	532.4	533.1	0.7	2	0.33	0.12
Z_4069_006	50472	533.1	534.4	1.3	1	0.02	0.04
Z_4069_006	50473	534.4	535.5	1.1	1	<0.01	0.01
Z_4069_006	50474	535.5	536.4	0.9	<1	<0.01	<0.01
Z_4069_006	50475	536.4	536.9	0.5	10	1.56	0.35
Z_4069_006	50476	158.1	158.4	0.3	<1	<0.01	<0.01
Z_4069_006	50477	536.9	538.5	1.6	<1	0.01	0.01
Z_4069_006	50478	538.5	539.5	1	<1	0.01	0.02
Z_4069_006	50479	539.5	540	0.5	1	<0.01	0.01
Z_4069_006	50480	540	540.4	0.4	1	<0.01	0.01
Z_4069_006	50481	540.4	542	1.6	<1	0.01	0.01
Z_4069_006	50483	542.4	543.2	0.8	2	0.06	0.05
Z_4069_006	50484	547.6	548.6	1	<1	0.01	<0.01
Z_4069_006	50485	548.6	549.2	0.6	<1	0.25	0.05
Z_4069_006	50486	549.2	550	0.8	<1	0.01	<0.01
Z_4069_006	50487	559.6	560.6	1	<1	0.01	<0.01
Z_4069_006	50488	560.6	561.6	1	<1	0.02	0.01
Z_4069_006	50489	561.6	562.5	0.9	1	<0.01	0.03
Z_4069_006	50490	562.5	563.5	1	1	<0.01	<0.01
Z_4069_006	50491	563.5	565	1.5	1	<0.01	0.07
Z_4069_006	50492	565	566.25	1.25	<1	<0.01	0.01
Z_4069_006	51052	566.25	567.3	1.05	<1	<0.01	<0.01
Z_4069_006	50494	567.3	568.9	1.6	<1	0.01	<0.01
Z_4069_006	50495	568.9	570.4	1.5	<1	0.01	<0.01
Z_4069_006	50496	570.4	571.5	1.1	2	<0.01	<0.01
Z_4069_006	50497	571.5	572.6	1.1	1	<0.01	<0.01

Z_4069_006	50498	533.1	534.4	1.3	3	0.05	0.03
Z_4069_006	50499	572.6	574.1	1.5	<1	<0.01	0.02
Z_4069_006	50500	574.1	575.1	1	<1	<0.01	<0.01

Hole ID	Sample No.	From_m	To_m	Interval_m	Ag_ppm	Zn_%	Pb_%
Z_4069_007	50402	77.40	78.60	1.20	<1	0.02	0.01
Z_4069_007	50403	78.60	79.05	0.45	<1	2.99	0.08
Z_4069_007	50404	79.05	80.00	0.95	<1	0.01	0.01
Z_4069_007	50405	80.00	81.50	1.50	<1	0.04	0.01
Z_4069_007	50406	81.50	82.60	1.10	1	4.39	0.70
Z_4069_007	50408	82.60	83.10	0.50	8	17.65	1.69
Z_4069_007	50409	83.10	84.10	1.00	<1	1.45	0.89
Z_4069_007	50410	84.10	85.20	1.10	4	12.90	1.89
Z_4069_007	50411	85.20	86.00	0.80	<1	0.45	0.33
Z_4069_007	50412	86.00	86.85	0.85	<1	0.16	0.05
Z_4069_007	50413	86.85	87.75	0.90	1	1.71	0.07
Z_4069_007	50414	87.75	88.75	1.00	<1	0.01	0.01
Z_4069_007	50415	91.00	92.00	1.00	<1	0.01	<0.01
Z_4069_007	50416	92.00	93.50	1.50	<1	0.35	0.05
Z_4069_007	50417	93.50	95.00	1.50	<1	1.36	0.01
Z_4069_007	50418	95.00	96.50	1.50	<1	0.97	0.01
Z_4069_007	50419	96.50	98.00	1.50	<1	1.42	0.02
Z_4069_007	50420	98.00	99.45	1.45	<1	3.20	0.02
Z_4069_007	50421	99.45	100.25	0.80	<1	0.07	<0.01
Z_4069_007	51221	100.25	101.00	0.75	<1	1.80	0.03
Z_4069_007	51222	101.00	101.80	0.80	<1	0.81	0.01
Z_4069_007	51224	101.80	102.80	1.00	<1	0.07	0.07
Z_4069_007	51226	102.80	104.05	1.25	<1	0.13	<0.01
Z_4069_007	51227	104.05	104.90	0.85	<1	0.13	<0.01
Z_4069_007	51228	104.90	105.70	0.80	<1	0.07	0.02
Z_4069_007	51229	105.70	106.60	0.90	<1	0.01	0.01
Z_4069_007	51230	108.60	109.60	1.00	<1	0.04	0.03
Z_4069_007	51231	109.60	109.85	0.25	<1	0.66	0.03
Z_4069_007	51233	109.85	110.85	1.00	<1	0.01	<0.01
Z_4069_007	51234	113.20	114.25	1.05	<1	0.01	<0.01
Z_4069_007	51235	114.25	114.80	0.55	<1	2.13	0.01
Z_4069_007	51237	114.80	115.80	1.00	<1	0.01	<0.01
Z_4069_007	51238	118.70	119.70	1.00	<1	0.48	0.46
Z_4069_007	51239	119.70	120.40	0.70	1	3.78	0.13
Z_4069_007	51240	120.40	121.80	1.40	<1	0.04	0.01
Z_4069_007	51241	121.80	122.80	1.00	<1	0.02	0.01
Z_4069_007	51242	122.80	123.70	0.90	2	4.10	0.92
Z_4069_007	51243	123.70	124.75	1.05	<1	0.21	0.01
Z_4069_007	51244	124.75	125.05	0.30	2	5.53	0.10
Z_4069_007	51245	125.05	126.05	1.00	1	0.05	0.01
Z_4069_007	50449	129.20	130.20	1.00	<1	0.25	0.01
Z_4069_007	50450	130.20	130.80	0.60	5	17.80	0.85
Z_4069_007	51401	130.80	131.50	0.70	<1	0.85	0.01

Z_4069_007	51403	131.50	132.55	1.05	4	24.30	0.34
Z_4069_007	51404	132.55	133.50	0.95	3	18.55	0.33
Z_4069_007	51405	133.50	134.50	1.00	3	12.90	0.12
Z_4069_007	51406	134.50	135.00	0.50	<1	0.25	0.01
Z_4069_007	51407	135.00	135.65	0.65	2	6.25	0.46
Z_4069_007	51408	136.95	137.20	0.25	<1	1.22	0.04
Z_4069_007	51409	137.20	138.15	0.95	1	0.05	0.01
Z_4069_007	51410	138.15	138.85	0.70	<1	0.01	<0.01
Z_4069_007	51411	138.85	139.55	0.70	2.5	14.20	0.36
Z_4069_007	51412	139.55	140.45	0.90	<1	0.24	0.01
Z_4069_007	51413	140.45	141.00	0.55	<1	0.19	<0.01
Z_4069_007	51414	141.00	141.80	0.80	3	2.66	1.29
Z_4069_007	51415	141.80	142.30	0.50	7	12.25	1.83
Z_4069_007	51416	142.30	143.25	0.95	<1	0.48	0.04
Z_4069_007	51418	143.25	143.55	0.30	3	7.81	0.31
Z_4069_007	51419	143.55	144.40	0.85	<1	3.59	0.91
Z_4069_007	51420	144.40	144.70	0.30	7	28.10	2.11
Z_4069_007	51422	144.70	145.25	0.55	<1	0.46	0.03
Z_4069_007	51423	145.25	145.60	0.35	4	13.95	1.90
Z_4069_007	51424	145.60	146.20	0.60	<1	5.52	0.16
Z_4069_007	51425	146.20	147.00	0.80	<1	0.42	0.03
Z_4069_007	51426	147.00	147.25	0.25	<1	2.56	0.27
Z_4069_007	51427	147.25	147.75	0.50	<1	0.52	0.17
Z_4069_007	51428	147.75	148.45	0.70	<1	0.57	0.14
Z_4069_007	51429	148.45	148.85	0.40	<1	0.36	0.02
Z_4069_007	51431	148.85	149.50	0.65	<1	2.19	0.18
Z_4069_007	51432	149.50	150.40	0.90	<1	2.20	0.45
Z_4069_007	51433	150.40	151.40	1.00	<1	0.02	0.03
Z_4069_007	51434	151.40	152.10	0.70	<1	0.15	0.06
Z_4069_007	51435	152.10	152.95	0.85	<1	0.10	0.06
Z_4069_007	51436	154.80	155.40	0.60	<1	0.32	0.09
Z_4069_007	51437	155.40	156.50	1.10	<1	1.06	0.04
Z_4069_007	51438	156.50	158.00	1.50	1	6.79	0.72
Z_4069_007	51439	158.00	159.10	1.10	4	24.10	1.47
Z_4069_007	51440	159.10	160.60	1.50	<1	0.09	0.01
Z_4069_007	51441	160.60	161.80	1.20	<1	0.39	0.02
Z_4069_007	51443	161.80	162.40	0.60	<1	<0.01	<0.01
Z_4069_007	51444	162.40	163.15	0.75	<1	8.33	0.48
Z_4069_007	51445	163.15	164.45	1.30	<1	0.73	0.01
Z_4069_007	51446	164.45	166.00	1.55	<1	1.91	0.55
Z_4069_007	51447	166.00	167.00	1.00	1	12.70	0.41
Z_4069_007	51448	167.00	167.65	0.65	6	31.30	1.81
Z_4069_007	51450	167.65	168.45	0.80	<1	0.07	0.02
Z_4069_007	51451	168.45	168.70	0.25	<1	3.51	0.02
Z_4069_007	51452	168.70	169.70	1.00	5	23.10	0.46
Z_4069_007	51453	169.70	170.70	1.00	4	14.30	0.65
Z_4069_007	51454	170.70	171.40	0.70	7	19.40	0.47
Z_4069_007	51455	171.40	172.50	1.10	<1	0.51	0.03
Z_4069_007	51456	172.50	172.80	0.30	1	4.39	0.10

Z_4069_007	51457	172.80	174.10	1.30	<1	2.39	0.02
Z_4069_007	51458	174.10	174.70	0.60	11	26.60	2.64
Z_4069_007	51459	174.70	176.00	1.30	<1	0.38	0.02
Z_4069_007	51461	176.00	177.00	1.00	1	0.28	0.07
Z_4069_007	51462	177.00	177.35	0.35	2	1.21	0.06
Z_4069_007	51463	177.35	177.95	0.60	8	38.00	1.42
Z_4069_007	51465	177.95	178.40	0.45	3	6.48	0.19
Z_4069_007	51466	178.40	179.70	1.30	1	0.15	0.11
Z_4069_007	51467	179.70	180.70	1.00	2	1.20	0.13
Z_4069_007	51468	180.70	182.00	1.30	2	3.18	0.10
Z_4069_007	51469	182.00	182.75	0.75	1	1.73	0.10
Z_4069_007	51470	182.75	183.75	1.00	<1	2.23	0.11
Z_4069_007	51472	183.75	184.75	1.00	<1	1.40	0.06
Z_4069_007	51473	184.75	185.90	1.15	3	7.35	0.35
Z_4069_007	51474	185.90	186.30	0.40	2	18.40	0.47
Z_4069_007	51475	186.30	187.50	1.20	<1	0.05	0.01
Z_4069_007	51476	187.50	188.60	1.10	<1	0.06	0.01
Z_4069_007	51477	188.60	189.95	1.35	7	16.75	2.51
Z_4069_007	51478	189.95	191.00	1.05	<1	0.07	0.01
Z_4069_007	51479	191.00	191.60	0.60	<1	4.91	0.14
Z_4069_007	51480	191.60	192.60	1.00	<1	0.02	0.01

Hole ID	Sample No.	From_m	To_m	Interval_m	Ag_ppm	Zn_%	Pb_%
Z_4069_008	51053	216.9	217.9	1	<1	0.04	0.02
Z_4069_008	51054	217.9	218.3	0.4	<1	3.41	0.19
Z_4069_008	51055	218.3	219	0.7	1	0.58	0.03
Z_4069_008	51085	219	219.6	0.6	<1	0.11	0.01
Z_4069_008	51084	219.6	220.3	0.7	<1	0.02	<0.01
Z_4069_008	51056	226.05	226.7	0.65	<1	0.20	0.02
Z_4069_008	51057	226.7	227.15	0.45	4	7.28	0.22
Z_4069_008	51058	227.15	228.15	1	<1	0.04	0.04
Z_4069_008	51059	239.5	240.4	0.9	<1	0.06	0.01
Z_4069_008	51060	240.4	241.65	1.25	<1	0.09	0.02
Z_4069_008	51061	241.65	242.05	0.4	7	13.55	1.08
Z_4069_008	51062	242.05	242.3	0.25	1	2.51	0.18
Z_4069_008	51063	242.3	242.6	0.3	4	8.87	1.51
Z_4069_008	51067	242.6	243.7	1.1	8	25.10	5.4
Z_4069_008	51151	243.7	244.7	1	10	17.95	4.97
Z_4069_008	51065	244.7	244.95	0.25	<1	0.45	0.11
Z_4069_008	51066	244.95	245.4	0.45	4	12.05	3.78
Z_4069_008	51069	245.4	246.1	0.7	<1	0.18	0.04
Z_4069_008	51094	273.8	274.8	1	1	0.01	<0.01
Z_4069_008	51095	274.8	275.8	1	<1	0.20	0.14
Z_4069_008	51096	275.8	276.6	0.8	<1	0.40	0.01
Z_4069_008	51088	276.6	278.1	1.5	<1	0.38	0.04
Z_4069_008	51089	278.1	278.5	0.4	<1	0.15	0.01
Z_4069_008	51090	278.5	279.2	0.7	<1	0.24	0.1

Z_4069_008	51091	279.2	280.7	1.5	<1	1.42	0.8
Z_4069_008	51092	280.7	281.6	0.9	<1	2.09	0.43
Z_4069_008	51093	281.6	282.6	1	1	3.64	0.23
Z_4069_008	51131	282.6	283.9	1.3	<1	0.59	0.23
Z_4069_008	51132	283.9	284.4	0.5	<1	0.3	0.06
Z_4069_008	51133	284.4	285	0.6	<1	0.13	0.01
Z_4069_008	51134	285	285.3	0.3	<1	0.01	<0.01
Z_4069_008	51070	285.3	285.9	0.6	5	12.35	6.62
Z_4069_008	51071	285.9	286.8	0.9	<1	0.18	0.03
Z_4069_008	51072	286.8	288	1.2	7	14.00	3.55
Z_4069_008	51073	288	289	1	1	0.44	0.32
Z_4069_008	51074	292.1	293.1	1	<1	0.02	<0.01
Z_4069_008	51075	293.1	293.5	0.4	1	1.86	0.08
Z_4069_008	51076	293.5	293.9	0.4	5	18.35	14.15
Z_4069_008	51077	293.9	294.5	0.6	<1	0.05	0.02
Z_4069_008	51078	294.5	295.8	1.3	<1	0.04	0.01
Z_4069_008	51079	295.8	296.1	0.3	8	17.45	5.36
Z_4069_008	51081	296.1	296.9	0.8	<1	0.33	0.04
Z_4069_008	51135	298.6	298.85	0.25	2	4.17	0.4
Z_4069_008	51136	298.85	299.1	0.25	8	17.65	5.76
Z_4069_008	51083	299.1	300.5	1.4	<1	0.06	0.01
Z_4069_008	51097	300.5	302	1.5	1	1.19	0.2
Z_4069_008	51099	302	303.3	1.3	<1	0.84	0.14
Z_4069_008	51100	303.3	303.7	0.4	1	0.92	0.51
Z_4069_008	51101	303.7	304.4	0.7	<1	2.35	0.15
Z_4069_008	51102	304.4	305.9	1.5	<1	0.34	0.02
Z_4069_008	51103	305.9	307.4	1.5	<1	0.41	0.03
Z_4069_008	51104	307.4	308.7	1.3	<1	1.16	0.06
Z_4069_008	51105	308.7	310.1	1.4	1	0.28	0.38
Z_4069_008	51106	310.1	311.5	1.4	2	5.06	0.17
Z_4069_008	51107	311.5	312.2	0.7	<1	2.18	0.13
Z_4069_008	51108	312.2	313.7	1.5	2	0.48	0.38
Z_4069_008	51109	313.7	314.4	0.7	1	3.82	0.4
Z_4069_008	51110	314.4	314.7	0.3	5	16.15	1.1
Z_4069_008	51111	314.7	315.2	0.5	<1	1.56	0.22
Z_4069_008	51112	315.2	315.5	0.3	9	28.5	1.03
Z_4069_008	51114	315.5	316.7	1.2	2	3.20	0.09
Z_4069_008	51115	316.7	318.1	1.4	7	13.55	1.01
Z_4069_008	51116	318.1	319	0.9	1	5.44	0.2
Z_4069_008	51117	319	320.2	1.2	<1	0.61	0.04
Z_4069_008	51118	320.2	320.6	0.4	4	7.95	0.41
Z_4069_008	51119	320.6	321	0.4	1	0.45	0.01
Z_4069_008	51129	321	321.6	0.6	4	12.05	0.74
Z_4069_008	51130	321.6	322.1	0.5	<1	0.13	0.02
Z_4069_008	51121	322.1	323.15	1.05	2	1.15	0.27
Z_4069_008	51122	323.15	324	0.85	4	11.30	0.79
Z_4069_008	51123	324	324.7	0.7	<1	1.53	0.08
Z_4069_008	51124	324.7	326.05	1.35	2	2.06	0.27
Z_4069_008	51125	326.05	327.5	1.45	<1	0.54	0.02

Z_4069_008	51126	327.5	329	1.5	<1	1.18	0.1
Z_4069_008	51128	329	330.1	1.1	<1	0.61	<0.01
Z_4069_008	51138	333.3	333.9	0.6	<1	2.17	0.13
Z_4069_008	51139	333.9	334.3	0.4	<1	0.10	0.01
Z_4069_008	51140	334.3	334.6	0.3	3	2.70	0.14
Z_4069_008	51141	334.6	335.2	0.6	2	6.31	0.06
Z_4069_008	51142	335.2	336.2	1	<1	0.48	0.01
Z_4069_008	51144	352.4	353.2	0.8	<1	1.53	0.03
Z_4069_008	51145	353.2	353.7	0.5	<1	1.66	0.01
Z_4069_008	51146	353.7	354.1	0.4	1	11.35	0.09
Z_4069_008	51147	354.1	355	0.9	2	3.61	0.09
Z_4069_008	51148	355	356	1	1	0.81	0.01
Z_4069_008	51149	356	356.4	0.4	1	1.33	0.01
Z_4069_008	51150	356.4	357.9	1.5	<1	0.02	<0.01
Z_4069_008	51152	357.9	359.3	1.4	1	0.21	<0.01
Z_4069_008	51153	359.3	360.3	1	<1	0.02	<0.01
Z_4069_008	51154	360.3	361.25	0.95	1	5.28	0.04
Z_4069_008	51155	361.25	362.25	1	1	0.10	0.01
Z_4069_008	51156	367.4	368.4	1	<1	0.14	0.01
Z_4069_008	51157	368.4	368.9	0.5	1	1.31	0.02
Z_4069_008	51158	368.9	369.7	0.8	2	6.05	0.04
Z_4069_008	51159	369.7	370.1	0.4	1	0.10	<0.01
Z_4069_008	51160	370.1	371.3	1.2	<1	0.05	<0.01
Z_4069_008	51161	371.3	372.3	1	<1	0.11	<0.01
Z_4069_008	51162	372.3	373.3	1	1	0.49	0.01
Z_4069_008	51163	377.25	378.1	0.85	<1	0.05	<0.01
Z_4069_008	51165	378.1	378.55	0.45	1	2.36	0.11
Z_4069_008	51166	378.55	379.55	1	<1	0.07	0.01
Z_4069_008	51167	384	385	1	1	0.01	<0.01
Z_4069_008	51168	385	385.4	0.4	2	1.51	0.06
Z_4069_008	51169	385.4	385.8	0.4	1	0.01	<0.01
Z_4069_008	51171	385.8	386.25	0.45	2	0.04	<0.01
Z_4069_008	51172	386.25	386.55	0.3	1	2.46	0.09
Z_4069_008	51173	386.55	387.55	1	<1	0.01	0.01
Z_4069_008	51174	390.35	391.35	1	<1	0.16	<0.01
Z_4069_008	51175	391.35	391.8	0.45	1	0.85	0.01
Z_4069_008	51176	391.8	393.3	1.5	<1	0.52	0.02
Z_4069_008	51177	393.3	394.7	1.4	1	2.36	0.05
Z_4069_008	51178	394.7	395.55	0.85	2	8.39	0.16
Z_4069_008	51179	395.55	396.3	0.75	<1	0.14	<0.01
Z_4069_008	51180	396.3	396.65	0.35	1	2.40	0.1
Z_4069_008	51181	396.65	397.2	0.55	<1	0.07	0.01
Z_4069_008	51182	397.2	397.85	0.65	1	5.00	0.15
Z_4069_008	51183	397.85	398.9	1.05	3	9.40	0.16
Z_4069_008	51185	398.9	399.2	0.3	<1	0.06	0.01
Z_4069_008	51186	404.4	405.4	1	<1	<0.01	<0.01
Z_4069_008	51187	405.4	406	0.6	2	1.76	0.08
Z_4069_008	51188	406	406.7	0.7	1	<0.01	<0.01
Z_4069_008	51189	406.7	407.4	0.7	2	7.52	0.31

Z_4069_008	51190	407.4	408.3	0.9	<1	0.03	0.02
Z_4069_008	51191	408.3	408.9	0.6	2	8.82	0.43
Z_4069_008	51193	408.9	409.6	0.7	<1	0.10	0.15
Z_4069_008	51194	409.6	410.6	1	<1	0.07	<0.01
Z_4069_008	51195	410.6	411.6	1	1	0.11	0.01
Z_4069_008	51196	411.6	412	0.4	2	3.26	0.07
Z_4069_008	51197	412	412.7	0.7	<1	0.43	<0.01
Z_4069_008	51220	412.7	413.25	0.55	3	4.82	0.13
Z_4069_008	51198	413.25	414.15	0.9	4	4.21	0.03
Z_4069_008	51199	414.15	415	0.85	<1	0.22	<0.01
Z_4069_008	51200	415	415.7	0.7	4	11.05	0.17
Z_4069_008	51202	415.7	416.5	0.8	3	13.75	0.35
Z_4069_008	51203	416.5	417.4	0.9	<1	0.04	0.01
Z_4069_008	51204	417.4	417.65	0.25	5	21.3	0.49
Z_4069_008	51205	417.65	419.25	1.6	<1	0.04	<0.01
Z_4069_008	51206	419.25	419.6	0.35	<1	3.58	0.15
Z_4069_008	51207	419.6	420.05	0.45	<1	0.93	0.06
Z_4069_008	51208	420.05	420.6	0.55	2	9.16	0.11
Z_4069_008	51209	420.6	421.2	0.6	<1	0.07	0.02
Z_4069_008	51211	421.2	421.55	0.35	<1	6.44	0.11
Z_4069_008	51212	421.55	422.1	0.55	1	0.03	0.03
Z_4069_008	51213	422.1	422.7	0.6	1	6.25	0.13
Z_4069_009	51371	135.4	136.4	1	<1	<0.01	<0.01
Z_4069_009	51372	136.4	137.7	1.3	<1	0.17	<0.01
Z_4069_009	51373	137.7	139	1.3	<1	0.42	<0.01
Z_4069_009	51374	139	140.4	1.4	<1	0.14	<0.01
Z_4069_009	51375	140.4	141.3	0.9	<1	<0.01	<0.01
Z_4069_009	51376	141.3	141.8	0.5	<1	<0.01	<0.01
Z_4069_009	51377	141.8	143.3	1.5	<1	0.18	<0.01
Z_4069_009	51378	143.3	144.4	1.1	<1	0.11	<0.01
Z_4069_009	51379	144.4	144.6	0.2	4	3.63	1.67
Z_4069_009	51380	144.6	145.8	1.2	1	0.01	<0.01
Z_4069_009	51381	145.8	146.8	1	<1	0.03	0.02
Z_4069_009	51382	146.8	147.3	0.5	2	4.02	0.27
Z_4069_009	51384	147.3	148.6	1.3	<1	0.1	0.01
Z_4069_009	51385	148.6	149.7	1.1	1	0.02	<0.01
Z_4069_009	51386	149.7	151	1.3	<1	2.3	0.02
Z_4069_009	51387	151	152.35	1.35	<1	0.24	0.01
Z_4069_009	51388	152.35	153.4	1.05	<1	0.93	0.02
Z_4069_009	51389	153.4	154.6	1.2	<1	0.01	<0.01
Z_4069_009	51391	154.6	155	0.4	2	6.3	0.15
Z_4069_009	51392	155	156.6	1.6	<1	0.11	<0.01
Z_4069_009	51393	156.6	157.8	1.2	1	2.31	0.03
Z_4069_009	51394	157.8	158.9	1.1	1	0.82	0.06
Z_4069_009	51396	158.9	159.95	1.05	<1	0.11	0.03
Z_4069_009	51397	159.95	161.4	1.45	<1	0.18	0.02
Z_4069_009	51398	161.4	161.9	0.5	<1	0.3	<0.01
Z_4069_009	51399	161.9	163	1.1	<1	0.04	<0.01
Z_4069_009	51400	173.9	174.9	1	<1	0.01	<0.01

Z_4069_009	51247	174.9	176.2	1.3	<1	0.16	<0.01
Z_4069_009	51248	176.2	177.7	1.5	<1	0.61	0.01
Z_4069_009	51249	177.7	178.7	1.0	<1	<0.01	<0.01
Z_4069_010	NSR						
Z_4069_011	NSR						
Z_4069_012	55001	101	102	1	<1	0.12	0.01
Z_4069_012	55002	102	103.5	1.5	<1	0.19	0.09
Z_4069_012	55003	103.5	105	1.5	<1	0.07	<0.01
Z_4069_012	55004	105	106	1	<1	0.01	<0.01
Z_4069_012	55005	106	107	1	<1	0.01	<0.01
Z_4069_012	55007	107	108.5	1.5	<1	0.01	<0.01
Z_4069_012	55008	108.5	110	1.5	<1	0.04	<0.01
Z_4069_012	55009	110	111.5	1.5	<1	0.24	0.02
Z_4069_012	55010	111.5	113.05	1.55	<1	0.12	0.04
Z_4069_012	55011	113.05	114.1	1.05	3	4.75	0.22
Z_4069_012	55013	114.1	115	0.9	<1	0.11	0.02
Z_4069_012	55014	115	116.4	1.4	<1	0.13	<0.01
Z_4069_012	55015	116.4	117.9	1.5	<1	0.09	0.02
Z_4069_012	55016	117.9	119.4	1.5	<1	0.27	0.06
Z_4069_012	55017	119.4	120.2	0.8	1	0.42	0.27
Z_4069_012	55018	120.2	121.2	1	<1	0.03	0.01
Z_4069_013	NSR						
Z_4069_014	NSR						
Z_4069_015	NSR						
Z_4069_016	NSR						
Z_4069_017	NSR						
Z_4069_018	NSR						

Appendix 2

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	*100%	Messina Resources Ltd
Australia	Leonora	E37/893	*100%	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.*

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

23 124 140 889

Quarter ended ("current quarter")

31 December 2017

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (6 months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers		
1.2 Payments for		
(a) exploration & evaluation	(776)	(1,015)
(b) development	-	-
(c) production	-	-
(d) staff costs	(92)	(179)
(e) administration and corporate costs	(119)	(350)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	15	18
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	(972)	(1,526)

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	Year to date (6 months)
		\$A'000	\$A'000
2.2	Proceeds from the disposal of:		
	(a) property, plant and equipment	-	-
	(b) tenements (see item 10)	-	-
	(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	-	-

3.	Cash flows from financing activities		
3.1	Proceeds from issues of shares	-	2,308
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	-	(76)
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	-	2,232

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	3,029	1,351
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(972)	(1,526)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	-	-
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	2,232
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	2,057	2,057

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	2,057	329
5.2 Call deposits	-	2,700
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)	2,057	3,029

6. Payments to directors of the entity and their associates

- 6.1 Aggregate amount of payments to these parties included in item 1.2
- 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

Current quarter \$A'000
92
-

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

7. Payments to related entities of the entity and their associates

- 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

Current quarter \$A'000
-
-

N/A

8. Financing facilities available <i>Add notes as necessary for an understanding of the position</i>	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.		

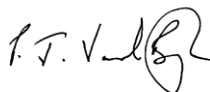
N/A

9. Estimated cash outflows for next quarter	\$A'000
9.1 Exploration and evaluation	330
9.2 Development	-
9.3 Production	-
9.4 Staff costs	98
9.5 Administration and corporate costs	99
9.6 Other (provide details if material)	-
9.7 Total estimated cash outflows	527

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	-	-	-	-
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: _____
Managing Director

Date: 30 January 2018

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.