Level 1
350 Hay Street
Subiaco 6008
Western Australia

PO Box 8187
Subiaco East WA 6008
T: +61 8 6461 6350
F: +61 8 6210 1872
www.ironbark.gl
admin@ironbark.gl

25 November 2014

Company Announcements

Australian Securities Exchange Limited
Exchange Plaza
2 The Esplanade
PERTH WA 6000

Citronen Project Resource Update - JORC 2012 compliant resource

Ironbark Zinc Limited (Ironbark) is pleased to present the information pertaining to the exploration and mineral resource estimates of the Citronen Base Metals Project in accordance with ASX Listing Rule 5.8 and compliance with the 2012 JORC Code.

70.8 million tonnes at 5.7% Zn + Pb

At a 3.5% Zn cut-off

Including a higher grade resource of

29.9 million tonnes at 7.1% Zn + Pb

At a 5.0% Zn cut-off

- **315 holes totalling 67,083 metres of diamond drilling completed to date**
- **11km strike of drilling containing economic grade mineralisation***
- **91% of effectively drilled holes intersected sulphide mineralisation**
- **73% of effectively drilled holes intersected economic grade mineralisation***
- **Deposit open in every direction – huge exploration potential**
- **Exploitation (Mining) Licence Application lodged October 2014**

*Economic grade mineralisation being a minimum of 2.0m @ 3.5% Zinc based on the Citronen Feasibility Report, 29 April 2013.

A total of 315 diamond drill holes totalling 67,083m have been completed at the project since exploration began in 1993. The strike length of the mineralised holes of economic grade is 11 kilometres and the strike length of the area containing the current resource is over 6.5 kilometres (Figure 1). 91% of effectively drilled holes (holes completed to target depth) at the project have intersected sulphide mineralisation with 73% of the holes intersecting economic mineralisation of more than 2.0m at 3.5% Zinc. The project is open in almost every direction and many economic intercepts are outside the current resource wireframe. Table 1 contains information regarding the exploration and resource estimates of the Project and Annexure 1 contains information on all drill holes with significant intercepts.

Ironbark is advancing the Citronen Project with a full feasibility study announced in April 2013 and an Exploitation (Mining) Licence Application submitted to the Government of Greenland in October 2014.

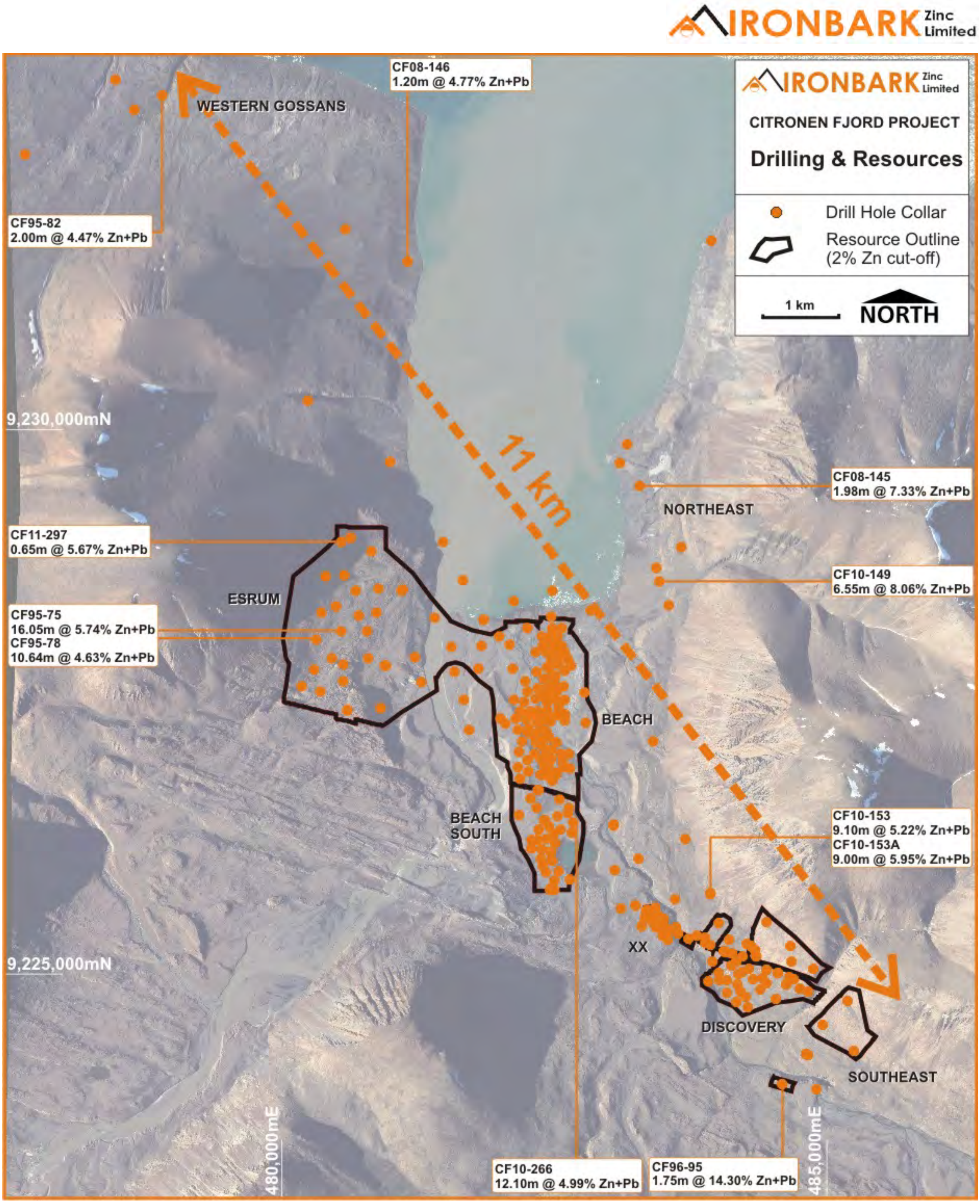


Figure 1: Citronen Project drill holes and resource outline highlighting the strike length of known mineralisation and high grade drill intercepts outside or at the edge of the current resource.

ABOUT IRONBARK

Ironbark is listed on the Australian Securities Exchange and is seeking to become a base metal mining house. Ironbark has an undrawn US$50M funding facility provided by Glencore to expand its project base through acquisition.

Ironbark seeks to build shareholder value through exploration and development of its projects and also seeks to actively expand the project base controlled by Ironbark. The management and board of Ironbark have extensive technical and corporate experience in the minerals sector.

The wholly owned Citronen base metal project currently hosts in excess of 13.1 Billion pounds of zinc (Zn) and lead (Pb).

The current JORC 2012 compliant resource for Citronen:

70.8 million tonnes at 5.7% Zn + Pb

Category	Mt	Zn%	Pb%	Zn+Pb%
Measured	25.0	5.0	0.5	5.5
Indicated	26.5	5.5	0.5	6.0
Inferred	19.3	4.9	0.4	5.3

Using Ordinary Kriging interpolation and reported at a 3.5% Zn cut-off

Including a higher grade resource of:

29.9 million tonnes at 7.1% Zn + Pb

Category	Mt	Zn%	Pb%	Zn+Pb%
Measured	8.9	6.6	0.6	7.2
Indicated	13.7	6.8	0.5	7.3
Inferred	7.3	6.2	0.5	6.6

Using Ordinary Kriging interpolation and reported at a 5.0% Zn cut-off

"Ironbark is an emerging leader amongst Australia's mineral resource companies and is dedicated to delivering shareholder value through the development of its major base metal mining operation in Greenland – the world class Citronen Project, and the acquisition of quality base metals projects."

Disclosure Statements and Important Information

Forward Looking Statements

This announcement contains certain statements that may constitute "forward looking statement". Such statements are only predictions and are subject to inherent risks and uncertainties, which could cause actual values, results, performance achievements to differ materially from those expressed, implied or projected in any forward looking statements.

Competent Persons Statement

The information included in this report that relates to Exploration Results & Mineral Resources is based on information compiled by Mr A Byass (B.Sc Hons (Geol), B.Econ, FSEG, MAIG) and Ms E Gibbon (B. ESc Hons (Geol), MSEG, MAIG), both employees of Ironbark Zinc Limited. Mr Byass & Ms Gibbon have sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking 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. Mr Byass & Ms Gibbon consent to the inclusion in the report of the matters based on this information in the form and context in which it appears

Competent Persons Disclosure

Mr A Byass & Ms E Gibbon are employees of Ironbark Zinc Limited and currently hold securities in the company.

JORC Code, 2012 Edition - Table 1

Citronen Fjord Project

Section 1: Sampling Techniques and Data

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.*	All samples are from diamond core, and include a mixture of quarter, half or whole core and BQ, NQ or HQ sizes. Samples are taken from varying intervals from 40cm length to 2.5m length depending on visual differences and compostions analysed by a hand-held Niton XL3t Analyser. Mineralised zones were analysed with a 30 second reading every 5cm along the core. These results are only used for onsite interpretation and form the basis of the samples chosen for laboratory assay. Sampling is carried out under QAQC procedures as per industry standards.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	Certified sample standards and duplicate samples are added in a ratio of 1 sample per every 10 samples. Most hole collars have been surveyed using a Trimble DGPS system which has an accuracy of <1m; the remaining holes have been surveyed by hand-held GPS with an accuracy of <5m.
	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.	Two distinct exploration drilling campaigns have been conducted at Citronen. The first was between 1993 and 1997 conducted by Platinova A/S who drilled 149 holes totalling 32,842.95m. Sample intervals varied from 0.15 - 2.5m, the average sample width was 1.0m. The second campaign of drilling was conducted by Ironbark Zinc Limited between 2008 and 2011 who drilled 166 diamond holes totalling 34,239.93m. Sample intervals varied from 0.2 - 1.5m and the average sample width was 0.9m. A sampling program was conducted by Ironbark in 2007, where 2,645 samples were taken from the Platinova drill core. Samples vaied from 0.2 - 1.3m and the average sample width was 0.95m. Some of these samples were from previously un-sampled drill core and other samples were quarter core samples from previously assayed intervals, used as a quality control check. Core samples from the 1993 drilling were sent to Chemex Labs Ltd of North Vancouver B.C. Canada. Samples were crushed, spilt and a portion pulverised followed by a four-acid digest and Inductively Coupled Plasma Mass Spectrometry (ICP-MS) finish.

Criteria	JORC Code explanation	Commentary
Sampling techniques	*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.*	Core samples from the 1994 drilling were sent to Bondar Clegg Inchcape Testing Services of Ottawa, Ontario, Canada. These samples were crushed split, and a portion pulversied to minus 200 mesh. A four-acid digest was used followed by ICP-MS and also AAS for samples greater than 20% Fe and 15% Zn. Core samples from the 1995 drilling were sent to Chemex Labs Ltd of Vancouver, B.C., Canada. Samples were crushed, split and a portion pulversied to minus 150 mesh followed by reverse Aqua-Regia digest finished by Atomic Absorption Spectrometry (AAS). Core samples from the 1996 and 1997 drilling were sent to Cominco Ltd. Laboratory in Rexdale, Ontario, Canada. Samples were crushed, split and a portion pulversied to minus 150 mesh followed by reverse Aqua-Regia digest finished by AAS. The core samples taken in 2007 by Ironbark were sent to ALS Chemex in Vancouver, B.C., Canada. The samples were crushed, split and a portion pulverised to 75µm, followed by a four acid digest and an AAS technique. The core samples taken in 2008 - 2011 by Ironbark were sent to ALS Chemex in Ojebyn, Sweden. The samples were crushed, split and a portion pulverised to 75µm, followed by a four acid digest and an Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES) finish.
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).*	All drilling at the Citronen Project has been standard tube diamond drilling, of either BQ, NQ or HQ diameter. In areas with overburden either a tri-cone roller bit or shoe bit was used to drill down to competent rock. Overburden material was discarded.
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.*	Recovered drill core was measured every 3m run and any core loss was recorded.
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	Core recoveries were excellent throughout the project and the need for triple tube drilling was not required. All core was checked & measured by a geologist and rod counts carried out by drillers.
	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.	Information from the diamond drilling does not suggest that there is a correlation between recoveries and grade. Diamond drill core from the Citronen deposit has a very high recovery.

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.*	All drill holes were logged for a combination of geological and geotechnical attributes to a level of detail to support a Mineral Resource estimation.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Logging is both qualitative and semi-quantitative in nature; all drill core was photographed.
	The total length and percentage of the relevant intersections logged.	The total length of all recovered drill core was logged in detail.
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.*	Of 7,396 samples, 6,422 were half-core (87%), 968 were quarter-core (13%) and six samples were whole core samples. All core was sawn with a core-saw.
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	All drilling conducted at Citronen was diamond drilling.
Sub-sampling techniques and sample preparation	*For all sample types, the nature, quality and appropriateness of the sample preparation technique.*	All samples were crushed, split and pulversied at a laboratory. The sample preparation is industry standard for the fine-grained nature of this Sedimentary-Exhalative (SEDEX) mineralisation style.
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	Laboratory certified standards and duplicates were used alternatively every 10 samples as a quality control measure.
	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.	One duplicate per twenty samples was taken.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	The sample sizes are appropriate to the fine-grained mineralisation of this SEDEX mineralisation style.
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.*	The assay methods used are considered appropriate and near total digestion.
	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.	A Niton XL3t hand-held XRF analyser was used to determine the appropriate core intervals to send for laboratory assay. Each reading was 30 seconds long, taken each 5cm along the drill core.
	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.	Duplicate samples and laboratory certified standards have been used alternatively every ten samples. All samples have returned results within an acceptable range.

Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.*	Ravensgate Consultants conducted a verification procedure on the Citronen database during the resource estimation process.
	The use of twinned holes.	Several drill holes have been twinned and have shown comparable results including; Holes CF08-153 & CF08-153A (both vertical holes) were drilled 9m horizontally apart at surface with an elevation difference of 12cm. CF08-153 returned 9.1m @ 5.16% Zn from 14.0m and CF08-153A returned 9.0m @ 5.92% Zn from 14.0m. Holes CF10-245A and CF10-245B (both vertical holes) were drilled 1 metre apart at surface. The drill holes intersected 12.2m and 13.7m of overburden (glacial till) respectively and intersected the Hangingwall Debris Flow Unit at 175.5m and 174.5m depth respectively.
Verification of sampling and assaying	*Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.*	Primary data was either collected as paperlogs, or entered into a database program or Excel spreadsheet. Paper logs were later transferred to a digital database. Data was verified and checked by senior Ironbark staff and by external consultants Expedio, Ravensgate & Mining Plus. Database was stored as Excel spreadsheets and a Microsoft Access Database.
	Discuss any adjustment to assay data.	There has been no adjustment to the assay data.
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.*	All drill holes prior to 2011 were surveyed using a DGPS which has an accuracy of <1m. 2011 holes were picked up by handheld GPS which has proven to have an accuracy of approximately 5m. Downhole surveys were conducted on all angled drill holes using REFLEX (industry standard) equipment.
	Specification of the grid system used.	The Grid System used for all location data points at Citronen is UTM WGS 84 Zone 26.
	Quality and adequacy of topographic control.	Ironbark purchased a Digital Elevation Model, produced from satellite imagery, for the Citronen Region that has an accuracy of approximately 2.5m.

Criteria	**JORC Code explanation**	**Commentary**
Data spacing and distribution	*Data spacing for reporting of Exploration Results.*	Hole spacing in the Beach Zone and Discovery Zone averages 50m, in the Esrum Zone 150m.
	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.	The data spacing and distribution is sufficient to determine geological and grade continuity as determined by the JORC code 2012.
	Whether sample compositing has been applied.	A composite length of 1m was selected after analysis of the raw sample lengths for use in resource calculations.
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.*	The orientation of the drilling is approximately perpendicular to the strike and dip of the mineralisation and therefore should not be biased. Angled drill holes provided a check against mineralisation width in veritcal holes.
	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.	There are no known biases caused by the orientation of the drill holes.
Sample security	*The measures taken to ensure sample security.*	Drill core was kept on site and sample dispatch was overseen by the site manager. Samples were transported by aircraft to Svalbard (Norway), then air freighted to the laboratory by a local logistics company.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	Ravensgate reviewed original laboratory assay files and compared them with the database. No errors were found.

JORC Code, 2012 Edition - Table 1

Citronen Fjord Project

Section 2: Reporting of Exploration Results

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 Citronen Fjord Deposit is located wholly within Exploration Licence 2007/02 which is 100% owned by Ironbark Zinc Limited. EL2007/02 lies within the Northeast Greenland National Park. A 2% royalty is payable to vendors.
	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 licence is in good standing.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	The deposit was previously explored by Platinova A/S between 1993 and 1997.
Geology	*Deposit type, geological setting and style of mineralisation.*	The Citronen Fjord deposit lies within the Palaeozoic Franklinian Basin, a sedimentary basin which extends across Northern Greenland and into Canada. The deposit lies within Ordovician deep water argillaceous rocks, interbedded with carbonate debris flows sourced from the carbonate platform to the south. Base metal mineralisation at Citronen is primarily contained within the Amundsen Land Group mudstones. Three main stratigraphic horizons of mineralisation were identified by Platinova A/S. Known sulphide and zinc mineralisation occurs over an area of 12km in strike (identified to date). The main sulphides present are pyrite, sphalerite and galena. Three types of sulphide mineralisation are present: mound-like masses, interbedded sulphides that form laminae and beds within the mudstones and cross-cutting epigenetic mineralisation that is primarily found in the carbonate debris flows.
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:* o *easting and northing of the drill hole collar* o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* o *dip and azimuth of the hole* o *down hole length and interception depth* o *hole length.*	Refer to Annexure 1

Criteria	JORC Code explanation	Commentary
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.*	All reported assays have been length weighted.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalents have been reported.
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 mineralisation is interpreted to be flat-lying to gently dipping and drill holes have been angled (either vertical or at 60 degrees) to intercept the mineralisation as close to perpendicular as possible, therefore resulting in true widths of mineralisation.
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.*	Refer to Figures 1A to 1D.
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 results have been reported.
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; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	Geological mapping, geotechnical and metallurgical studies have been conducted and are included in the Feasibility Study for the Project. The Feasibility study was released on the ASX on 29 April 2013.
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.*	A positive feasibility study report for the Citronen Project was relased to the ASX on 29 April 2013 and an application for an Exploitation (Mining) Licence was submitted in October 2014 (ASX announcement 7 October 2014). The project is being deveoped to become an operating mine and as the deposit is open in every direction further exploration (drilling) will be conducted in the future.

JORC Code, 2012 Edition - Table 1
Citronen Fjord Project
Section 3: Estimation and Reporting of Mineral Resources

This table has been prepared with relation to the "End of 2011 Resource Estimation Update Report, Citronen Zinc Project, Northeast Greenland" published by Ravensgate Minerals Industry Consultants, 28 February 2012 (Ravensgate Resource Report 2012)

Criteria	JORC Code explanation	Commentary
Database integrity	*Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.* *Data validation procedures used.*	All drilling data has been reviewed and audited by several internal personnel and external consultants. Data validation techniques include: re-assaying historic core, surveying hole collars, use of laboratory standards & duplicates, three internal cross-checks of all drill hole data by geologists and several external consultant cross-checks of all available data. Three Resource Estimates have been calculated prior to the Ravengate Resource 2012; - Wardrop Consulting, 2007 - Ironbark, 2008 (in-house) - Ravensgate, 2010 Examination of the prior estimate reports were used as part of the data validation proceudres for the Ravensgate Resource Report 2012.
Site visits	*Comment on any site visits undertaken by the Competent Person and the outcome of those visits.* *If no site visits have been undertaken indicate why this is the case.*	One of the Ravensgate Resource Report 2012 authors was involved in the drilling and project development at an early stage and visited the site. The author was integral in the establishment of industry best QA/QC practices and has intimate knowledge of all procedures used on site. The author of the Wardrop 2007 Resource Estimate Report was involved in the planning and excution of the 1990's drilling. The author of the Ironbark 2008 in-house Resource Estimate was involved in the planning and execution of the 2007 sampling and 2008 drilling programs.
Geological interpretation	*Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.* *Nature of the data used and of any assumptions made.* *The effect, if any, of alternative interpretations on Mineral Resource estimation.* *The use of geology in guiding and controlling Mineral Resource estimation.* *The factors affecting continuity both of grade and geology.*	The Ravensgate Resource Report 2012 states "Interpretation of the lithological boundaries model for the mineralisation interpretation used for the resource modelling is supported by a significant amount of drill logging or surface mapping and is at an advanced level". Ravensgate classified the Geological Interpretation as a low-moderate risk in the Resource Calculation Risk Assessment. Zinc-lead mineralised domains were intially modelled using MineSight 3-D modelling software. Interpretation was primarily done in cross-section using geological logging and the 3D geological model. Cross sections were oriented on 100m and 50m sections oriented perpendicular to the dominant strike of the domain being modelled.

Criteria	JORC Code explanation	Commentary
Dimensions	*The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.*	The area containing the Citronen Resource stretches 6.5km from the north-west corner of the Esrum Zone to the south-east corner of the Discovery Zone. The deposit is exposed at surface in the Discovery Zone and reaches a depth of 575m below surface in the Esrum Zone. The deposit is open along strike and at depth.
Estimation and modelling techniques	*The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.* *The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.* *The assumptions made regarding recovery of by-products.* *Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).* *In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.* *Any assumptions behind modelling of selective mining units.* *Any assumptions about correlation between variables.* *Description of how the geological interpretation was used to control the resource estimates.* *Discussion of basis for using or not using grade cutting or capping.* *The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.*	Resource estimations were generated using standard 3D 'uniform block size' modelling techniques. The Ordinary Kriging interpolation technique was employed owing to the low coefficients of variation observed for sample composites for each domain area. Three separate block models were created - one each for the Beach, Esrum and Discovery Zones due to the large file sizes. Variable upper high grade Zinc cut-offs were applied to the 1m down-hole composite data set prior to carrying out interpolation. In Ravengate's opinion a general level of cut-off at the 98th or 99th percentile level be implemented in conjunction with local domain statistics to help minimise the change of over-estimation of grades. Major, minor and down hole axis length for interpolation were obtained by using variograms. These vary depending on Zone. Higher Zn grade domains were restricted according to the probability statistics observed within each mineralisation domain. Generally the grade cut-off - distance restriction regime was applied to at the 98th or 99th percentile level. A composite length of 1m was used as it was deemed this length was short enough to honour the dimensions of geological and mineralisation domains being modelled. The composite, subsequent data processing and statistical analysis, were carried out in MineSight Compass Software. Wireframe development was guided using a minimum true width of 2m. An approximate 'half of drill hole spacing' distance of influence approach was used for extrapolating. Block size was 10m x 10m with bench height of 1m. No assumptions behind modelling of selective mining units were made. No assumptions about correlation between variables was made. Zinc and Lead distribution within the defined domains is relatively predictable and mostly display low coefficients of variation (CV 0.4-1.0).

Criteria	JORC Code explanation	Commentary
Estimation and modelling techniques		In Ravensgate's opnion, considering the relatively low coefficients of variations observed for the three main Citronen project areas that only minimal outlier treatment need be considered. Ravensgate used the 98-99th percentile level as the main starting point for the grade restriction implementation level. The restriction distance was also set as 60 to 80 metres depending on the drilling density available within any given mineralisation domain. Wardrop Consulting completed a resource estimate in 2007 and in 2008 an in-house resource was caluclatedby Ironbark. Ravensgate consultants were contracted in 2010 to calculate a resource to include the 2008, 2009 and 2010 drilling. Ravensgate were contracted again after the 2011 drilling was completed to provide a resource encompassing all drilling to date at the project. The resource estimates from 2007, 208 and 2010 were used as check estimates against the 2012 Resource. No by-product recovery assumptions have been made. Deleterious elements have not been considered in the Resource Calculation based on the results from metallurgical testwork to date. The resource estimate was reviewed by two Competent Persons from Ravensgate and the block model cross-checked with the drilling data both by Ravensgate and in-house.
Moisture	*Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.*	Bulk densitites were based on dry tonnes.
Cut-off parameters	*The basis of the adopted cut-off grade(s) or quality parameters applied.*	A lower cut-off grade of 2% zinc was used, which is based on deposits of similar style and mining method.
Mining factors or assumptions	*Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.*	No specific assumptions were made about mining methods by Ravensgate whilst calculating the resource estimate, other than considering the use of standardised surface (Discovery Zone) and underground mining (Esrum & Beach Zones) methods. Mining Plus consultants have proposed the room and pillar underground mining method to maximise recovery. Further information on mining methods can be found in Ironbarks Feasibility report released 29 April 2013.

Criteria	JORC Code explanation	Commentary
Metallurgical factors or assumptions	*The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.*	Metallurigcal testing has been carried out on Citronen drill core after the 2008, 2009, 2010 and 2011 drilling campaigns. The testwork has been conducted by Burnie Laboratories in Tasmania (now part of ALS Global). Ore processing will incorporate the following stages: primary & secondary crushing, dense media separation, grinding and classififcation, flotation and concentrate thickening and filtration. Very high zinc flotation recoveries of 85% have been achieved. Further information on metalluirgcal and process testwork can be found in the Ironbark Feasibility Report released 29 April 2013.
Environmental factors or assumptions	*Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.*	A full Environmetal Impact Assessment has been completed and submitted to the Government of Greenland. Environmental factors and management solutions are outlined in the Feasibility Study Report for Citronen released on the ASX on 29 April 2013. Tailings from the mine will be used as backfill underground or stored in an on-ground Tailings Storage Facility. Waste rock will be stored in a waste dump on surface. Environmental studies concluded that mine wastes will not significantly increase the levels of metals in the aquatic or terrestrial environment of the area.
Bulk density	*Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.* *The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.* *Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.*	Ironbark conducted numerous empirical Specific Gravity (SG) measurements of drill core from a large range of different rock types and mineralisation styles from the deposit. Ironbark also examined statistical methods to calculate bulk density based on element assay and stoichiometric density. To calculate the bulk density in the deposit, Ironbark produced a theoretical density for each block in the model based upon the interpolated value of Fe, Pb and Zn and rock type coding. This approach is thought to be more accurate than using a constant density value for each domain. The interpolated densities for each block were calculated using a formula that utilised the Ordinary Kriged Fe, Pb and Zn values for that block. The formula assumes that all Zn is reporting to sphalerite (SG of 4.05), Pb to galena (SG of 7.4) and Fe to pyrite (SG of 5.01), with the remainder consisting of mudstone gangue (SG of 2.78).

Criteria	JORC Code explanation	Commentary
Classification	*The basis for the classification of the Mineral Resources into varying confidence categories.* *Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).* *Whether the result appropriately reflects the Competent Person's view of the deposit.*	The Citronen Resource was classified into Measured, Indicated & Inferred categories using a mathematical calculation based on distance to the nearest composite and the number of composites used in each ore domain. The resource estimate calculated by a Competent Person of Ravensgate Consultants has adhered to the JORC (2004) guidelines and the resource estimate and all its working has been verified by another Competent Person. Both Competent Persons signed off on the resource calculation. The Resource caluclation has not been recalculated since 2011 as no further drilling has been completed nor any modifying factors have materially changed.
Audits or reviews	*The results of any audits or reviews of Mineral Resource estimates.*	A JORC compliant resource for Citronen was initially calculated in 2007 by Wardrop Consulting. In 2008 a JORC compliant in-house resource was calculated by Ironbark, then Ravensgate calculated a JORC compliant estimate in 2010 and 2011 to include the latest drilling. Each of these Resource Estimates and Reports have been exstensively reviewed inhouse and the latest resource was reviewed by Mining Plus Consultants to ensure its suitability for underground mining optimisation.
Discussion of relative accuracy/ confidence	*Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.* *The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.* *These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.*	Ravensgate have categorised the relative accuracy/confidence of the Citronen Resource as low risk and stated "The Citronen Project Area continues to be deemed to have potential for economic merit and possible larger scaled development. Further development work should be continued if possible in order to try to extend or increase the underlying resource base".

Annexure 1: Citronen Fjord Project Drill Hole Collar Locations & significant Intercepts

HoleID	Zone	Easting	Northing	RL	Azi	Dip	EOH (m)	From (m)	To (m)	Width (m)	Zn%	Pb%
CF93-01	D	484447	9225037	161.40	360	-90	9.10	5.18	7.92	2.74	3.96	0.22
CF93-01A	D	484447	9225037	161.40	360	-90	78.30	4.90	30.60	25.70	3.49	0.73
								57.80	68.10	10.30	3.42	0.66
CF93-02	D	484124	9225070	101.40	360	-90	78.00	6.70	32.10	25.40	2.07	0.40
CF93-03	D	484180	9224900	80.92	22	-60	100.30	11.90	35.20	23.30	4.01	0.85
							including	***12.40***	***15.93***	***3.53***	***7.62***	***2.55***
CF93-04	D	484260	9224788	87.26	360	-90	75.90	28.80	30.40	1.60	2.50	0.80
CF93-05	D	484009	9225466	145.98	360	-90	91.40	55.57	63.95	8.38	4.28	0.35
CF93-06	D	483881	9225332	115.30	360	-90	91.10	52.30	53.40	1.10	5.40	0.23
CF93-07	D	484658	9224970	200.88	360	-90	91.10	9.44	30.52	21.08	2.75	0.43
CF93-08	D	484341	9225218	170.20	360	-90	91.10	3.62	14.00	10.38	4.65	1.47
							including	***3.62***	***6.92***	***3.30***	***9.49***	***3.81***
CF93-08A	D	484341	9225218	170.20	360	-90	18.50	Ineffective depth				
CF93-09	XX	483240	9225629	90.31	360	-90	101.40	Ineffective depth				
CF93-10B	B	482519	9227127	9.68	360	-90	227.70	80.43	88.51	8.08	5.07	0.29
							including	***83.57***	***86.23***	***2.66***	***10.93***	***0.46***
CF93-11	B	482319	9227206	12.68	360	-90	166.80	92.13	97.18	5.05	3.19	0.29
CF94-09	XX	483240	9225629	90.31	360	-90	116.00	56.00	57.00	1.00	1.11	0.08
CF94-12	NE	483170	9229870	8.14	360	-90	200.00	NSI				
CF94-13	NE	483100	9229690	5.78	360	-90	182.30	67.00	69.00	2.00	2.00	0.02
CF94-14	NE	483940	9231740	10.00	360	-90	140.00	NSI				
CF94-15	B	482376	9226832	28.81	360	-90	149.00	99.20	110.80	11.60	2.13	0.22
CF94-15B	B	482376	9226832	28.89	360	-90	221.00	103.60	111.30	7.70	2.03	0.21
CF94-16	NW	480580	9231840	122.50	360	-90	191.00	67.00	68.00	1.00	0.80	0.04
CF94-17	B	481803	9227808	3.06	360	-90	284.00	166.00	168.50	2.50	2.32	0.16
CF94-18	B	482176	9227044	44.89	360	-90	194.00	**178.20**	**178.80**	**0.60**	**9.70**	**0.24**
CF94-19	B	482050	9227299	25.12	360	-90	215.00	201.10	205.10	4.00	1.80	0.13
CF94-20	D	484450	9225477	278.85	360	-90	106.00	55.00	59.60	4.60	2.26	0.38
CF94-21	B	482226	9227502	6.95	360	-90	194.00	109.00	118.60	9.60	3.07	0.33
CF94-22	D	484662	9225249	267.76	360	-90	191.00	103.50	105.40	1.90	1.95	0.12
CF94-23	B	482533	9227447	7.99	360	-90	206.00	99.00	114.85	15.85	5.07	0.56
							including	***112.05***	***114.85***	***2.80***	***17.91***	***1.22***
CF94-24	D	484881	9225045	268.85	360	-90	178.00	130.00	133.00	3.00	1.68	0.23
CF94-25	D	484536	9224767	134.18	360	-90	86.00	NSI				
CF94-26	B	482789	9227309	18.53	360	-90	209.00	163.00	174.85	11.85	1.93	0.16
CF94-27	BS	483271	9226053	61.28	360	-90	212.00	173.00	176.00	3.00	1.60	0.39
CF94-28	B	482774	9227579	15.60	360	-90	179.00	137.00	138.00	1.00	0.62	0.04
CF94-29	D	483604	9225688	81.36	360	-90	122.00	58.00	65.00	7.00	2.26	0.09
CF94-30	E	481098	9228520	91.99	360	-90	212.00	210.00	211.00	1.00	1.12	0.07
CF94-31	B	482400	9227704	5.32	360	-90	221.00	124.80	134.05	9.25	5.37	0.51
								196.20	202.20	6.00	4.40	0.56
CF94-32	B	482641	9226883	14.82	360	-90	222.40	88.40	91.00	2.60	3.77	0.14
CF94-33	B	482118	9227802	6.23	360	-90	220.00	181.60	204.00	22.40	1.97	0.21
CF94-34	BS	482542	9226601	31.20	360	-90	308.00	215.00	216.80	1.80	2.50	0.47
CF94-35	B	482654	9227828	4.47	360	-90	272.00	230.00	234.55	4.55	4.41	0.35
CF94-36	BS	482553	9226327	51.01	360	-90	401.00	284.00	293.10	9.10	3.40	0.42
CF94-37	B	482326	9227953	3.04	360	-90	257.00	191.00	210.00	19.00	3.12	0.62
CF94-38	BS	482176	9226461	48.61	360	-90	365.00	337.00	340.00	3.00	2.45	0.23
CF94-39	BS	483057	9225948	46.26	360	-90	275.00	122.00	123.00	1.00	1.14	0.05
CF94-40	B	482589	9227640	6.07	360	-90	240.50	207.50	221.00	13.50	3.09	0.31
CF94-41	XX	483113	9225600	66.44	360	-90	230.00	165.00	166.00	1.00	2.78	0.09
CF94-42	B	482466	9227907	3.77	360	-90	272.00	141.00	146.00	5.00	7.77	0.39
								184.00	198.00	14.00	4.90	0.75
							including	***186.50***	***193.50***	***7.00***	***7.31***	***1.27***
CF94-43	XX	483514	9225427	92.82	360	-90	227.00	93.25	103.00	9.75	7.69	0.18
CF94-44	B	482091	9228025	1.83	360	-90	245.00	176.00	185.00	9.00	3.80	0.31
							including	***180.50***	***183.75***	***3.25***	***8.17***	***0.60***
CF94-45	XX	483303	9225435	91.41	360	-90	287.00	NSI				
CF94-46	XX	483538	9225309	90.85	109	-61	197.00	NSI				

HoleID	Zone	Easting	Northing	RL	Azi	Dip	EOH (m)	From (m)	To (m)	Width (m)	Zn%	Pb%
CF94-47	B	482234	9227685	5.82	360	-90	220.00	102.50	106.10	3.60	4.53	0.52
CF94-48	XX	483426	9225608	102.57	360	-90	158.00	70.80	74.60	3.80	2.23	0.22
CF94-49	B	482400	9227546	6.34	360	-90	218.00	105.00	126.15	21.15	4.95	0.47
							including	***116.90***	***124.15***	***7.25***	***9.10***	***1.02***
								177.85	189.00	11.15	4.25	0.21
CF94-50	B	482247	9228178	1.00	360	-90	245.00	172.55	195.20	22.65	2.63	0.17
							including	*174.05*	*178.12*	*4.07*	*6.69*	*0.28*
								210.00	223.00	13.00	2.45	0.61
CF94-51	B	482566	9228172	1.00	360	-90	286.00	153.00	157.30	4.30	4.99	0.30
CF94-52	B	481853	9228254	-0.72	360	-90	141.00	Ineffective depth				
CF94-53	B	481713	9227240	11.33	360	-90	263.00	239.50	240.60	1.10	2.00	0.09
CF95-52	B	481853	9228254	-0.69	360	-90	258.00	192.10	192.66	0.56	3.72	1.25
CF95-54	E	481660	9228610	0.00	360	-90	413.00	288.80	291.25	2.45	5.13	0.38
CF95-55	B	482477	9228519	0.00	360	-90	416.00	345.65	345.90	0.25	1.28	0.14
CF95-56	E	481400	9228270	1.00	360	-90	326.00	183.35	186.00	2.65	2.45	0.56
CF95-57	B	482125	9228428	1.00	360	-90	365.00	260.15	261.35	1.20	2.80	0.19
CF95-58	E	481480	9228970	1.00	360	-90	356.00	253.90	254.75	0.85	1.55	0.14
CF95-59	NW	480990	9229700	30.37	360	-90	338.00	274.10	274.65	0.55	2.00	0.16
CF95-60	E	481217	9227909	28.00	360	-90	238.00	173.00	181.30	8.30	1.51	0.24
CF95-61	B	482836	9228340	0.98	360	-90	356.00	248.52	249.27	0.75	7.60	0.47
CF95-62	E	481278	9227676	4.83	360	-90	233.00	177.00	183.50	6.50	4.12	0.58
CF95-63	B	481554	9228000	2.11	360	-90	188.00	128.80	131.00	2.20	3.97	0.47
CF95-64	B	481825	9228016	0.71	360	-90	223.00	172.80	174.00	1.20	2.51	0.39
CF95-65	B	481585	9227771	0.93	360	-90	212.00	168.00	168.00	1.00	0.99	0.12
CF95-66	E	480868	9228322	112.32	360	-90	393.50	263.62	267.02	3.40	2.68	0.53
CF95-67	E	481101	9228529	92.33	360	-90	437.00	278.00	306.60	28.60	2.95	0.63
CF95-68	E	480819	9228882	171.76	360	-90	467.00	426.22	426.85	0.63	3.94	0.15
CF95-69	E	481103	9228528	92.01	112	-57	384.50	302.90	321.50	18.60	1.85	0.51
CF95-70	E	480887	9228541	132.29	360	-90	390.00	293.00	298.90	5.90	2.63	0.62
CF95-71	E	480630	9229005	232.95	360	-90	317.00	Ineffective depth				
CF95-71B	E	480630	9229005	232.95	360	-90	469.50	NSI				
CF95-72	E	480678	9228524	156.42	360	-90	425.00	355.30	366.80	11.50	4.82	0.44
CF95-73	E	480564	9227688	131.96	360	-90	507.50	443.00	476.17	33.17	2.01	0.40
CF95-74	NW	480233	9230269	231.63	360	-90	513.50	466.00	467.00	1.00	0.77	0.05
CF95-75	E	480537	9228146	152.72	360	-90	442.00	383.00	399.05	16.05	5.19	0.55
							including	*390.00*	*395.15*	*5.15*	*7.59*	*0.61*
CF95-76	E	480488	9228379	187.25	360	-90	449.50	404.80	424.60	19.80	3.74	0.49
CF95-77	WG	478640	9232940	165.69	360	-90	201.00	145.00	148.00	3.00	1.28	0.10
CF95-78	E	480311	9228067	188.29	360	-90	494.00	451.90	462.54	10.64	4.34	0.29
CF95-79	WG	477640	9232530	326.11	360	-90	437.00	250.92	253.15	2.23	2.06	0.08
CF95-80	E	480786	9227897	77.47	360	-90	329.00	280.57	285.20	4.63	3.97	0.45
CF95-81	E	480401	9228652	219.49	360	-90	509.00	459.00	460.13	1.13	2.59	0.25
CF95-82	WG	478900	9233070	120.01	360	-90	288.00	184.50	186.50	2.00	4.43	0.03
CF95-83	E	480782	9228143	116.21	360	-90	379.00	261.20	270.00	8.80	3.44	0.86
								333.98	340.45	6.47	4.08	0.26
CF95-84	WG	478470	9233220	140.00	360	-90	258.00	226.00	227.00	1.00	2.36	0.10
CF95-85	B	482456	9227318	8.72	360	-90	203.00	85.15	100.75	15.60	3.19	0.33
							including	***108.00***	***111.00***	***3.00***	***12.58***	***1.28***
CF95-86	B	482597	9227321	9.90	360	-90	320.00	152.50	165.75	13.25	2.20	0.27
CF96-87	B	482450	9227628	5.60	360	-90	219.00	128.46	137.10	8.64	6.57	0.56
							including	***128.46***	***131.26***	***2.80***	***13.90***	***1.12***
								177.97	192.00	14.03	3.38	0.27
CF96-88	B	482434	9227809	4.40	360	-90	259.00	131.60	137.22	5.62	6.76	1.62
								178.28	195.00	16.72	4.00	0.84
							including	*185.07*	*189.74*	*4.67*	*5.66*	*0.58*
								219.00	229.00	10.00	1.94	0.74
CF96-89	D	483910	9224933	67.93	360	-90	219.60	218.00	218.50	0.50	7.47	0.28
CF96-90	D	484318	9224948	123.16	360	-90	230.00	31.00	53.60	22.60	3.24	0.72
								37.80	44.00	6.20	5.35	1.18
CF96-91	D	484280	9225048	125.87	360	-90	92.00	16.00	20.00	4.00	2.52	4.31
CF96-92	D	484264	9225274	159.40	360	-90	65.30	NSI				

HoleID	Zone	Easting	Northing	RL	Azi	Dip	EOH (m)	From (m)	To (m)	Width (m)	Zn%	Pb%
CF96-93	D	484073	9225199	113.29	360	-90	100.00	**18.20**	**38.00**	**19.80**	**9.58**	**0.04**
								82.00	87.00	5.00	7.18	0.02
CF96-94	D	484193	9224993	105.87	360	-90	93.00	5.50	39.00	33.50	2.87	0.54
CF96-95	SE	484593	9223985	96.82	360	-90	250.00	**95.55**	**97.30**	**1.75**	**14.00**	**0.30**
CF96-96	XX	483435	9225501	81.18	360	-90	155.00	**57.95**	**90.00**	**32.05**	**8.87**	**0.12**
							including	***68.20***	***76.75***	***8.55***	***19.02***	***0.05***
CF96-97	XX	483732	9225321	119.61	360	-90	125.00	**67.00**	**77.65**	**10.65**	**10.50**	**1.10**
								74.29	**75.79**	**1.50**	**24.00**	**0.18**
CF96-98	D	483880	9225286	107.41	360	-90	141.00	**40.00**	**43.02**	**3.02**	**9.55**	**0.33**
CF96-99	XX	483613	9225422	48.08	360	-90	103.50	NSI				
CF96-100	B	482436	9227419	7.57	360	-90	179.00	93.95	103.90	9.95	5.09	0.68
							including	*101.65*	*103.90*	*2.25*	*14.93*	*1.14*
								105.70	114.80	9.10	3.13	0.51
								159.00	179.00	20.00	2.52	0.30
							including	*172.00*	*174.00*	*2.00*	*4.63*	*0.39*
CF96-101	B	482505	9227529	7.07	360	-90	212.70	108.00	115.00	7.00	3.52	0.53
								119.00	**126.00**	**7.00**	**10.22**	**0.53**
							including	***121.65***	***125.00***	***3.35***	***19.17***	***0.95***
								181.00	191.37	10.37	5.26	0.28
CF96-102	XX	483352	9225584	104.50	360	-90	119.00	96.00	98.00	2.00	5.09	0.07
CF96-103	XX	483332	9225508	76.39	360	-90	131.00	NSI				
CF96-104	XX	483557	9225399	92.33	115	-60	131.00	NSI				
CF96-105	B	482420	9227222	10.03	360	-90	99.00	71.80	86.02	14.22	4.29	0.38
							including	*74.28*	*79.25*	*4.97*	*6.65*	*0.43*
CF96-106	XX	483496	9225351	92.90	360	-90	170.00	NSI				
CF96-107	XX	483505	9225500	82.46	360	-90	119.00	48.80	50.15	1.35	2.20	0.06
CF96-108	B	482340	9227304	9.59	360	-90	125.00	**80.65**	**102.55**	**21.90**	**6.68**	**2.81**
							including	***90.52***	***98.85***	***8.33***	***10.66***	***4.01***
CF96-109	XX	483503	9225498	82.77	230	-62	146.00	138.00	139.00	1.00	4.71	0.16
CF96-110	XX	483437	9225426	84.90	40	-60	137.00	110.00	118.33	8.33	4.51	2.12
CF96-111	B	482244	9227337	9.21	360	-90	173.00	92.15	109.90	17.75	2.11	0.33
CF96-112	XX	483437	9225426	115.35	40	-45	130.00	101.00	102.00	1.00	3.11	0.05
CF96-113	B	482342	9227409	8.57	360	-90	134.00	94.05	117.00	22.95	3.86	0.65
							including	***98.68***	***101.32***	***2.64***	***10.79***	***0.99***
CF96-114	XX	483557	9225394	91.92	198	-77	143.00	NSI				
CF96-115	XX	483388	9225517	78.92	18	-73	127.00	87.45	93.10	5.65	5.63	0.02
CF96-116	XX	483388	9225516	78.81	360	-90	125.00	86.28	95.45	9.17	4.42	0.16
CF96-117	B	482322	9227123	22.04	360	-90	110.00	**84.00**	**88.28**	**4.28**	**7.91**	**0.64**
CF96-118	B	482342	9227623	6.68	360	-90	233.00	**113.73**	**117.70**	**3.97**	**9.18**	**1.11**
CF96-119	D	484051	9225207	110.92	360	-90	77.00	26.25	43.05	16.80	6.23	0.02
							including	***35.52***	***38.95***	***3.43***	***14.04***	***0.03***
CF96-120	D	484051	9225207	110.83	360	-90	146.00	28.08	46.00	17.92	4.97	0.03
							including	*35.39*	*39.55*	*4.16*	*8.36*	*0.03*
								105.10	**106.60**	**1.50**	**6.45**	**14.00**
CF96-121	D	484136	9225183	118.28	360	-90	125.00	108.28	111.80	3.52	6.25	0.49
CF96-122	B	482537	9227840	4.07	360	-90	278.00	143.00	151.06	8.06	6.75	0.34
								197.16	212.00	14.84	3.19	0.43
							including	***208.77***	***211.33***	***2.56***	***10.14***	***1.00***
CF96-123	D	483933	9225268	140.44	195	-75	150.00	71.00	75.00	4.00	4.58	0.37
CF96-124	XX	483637	9225369	52.34	360	-90	109.00	NSI				
CF96-125	B	482565	9228015	2.70	360	-90	260.00	**160.82**	**162.02**	**1.20**	**8.80**	**0.36**
CF96-126	B	482409	9227064	24.69	360	-90	89.00	76.85	81.95	5.10	4.55	0.89
CF96-127	B	482317	9227016	44.35	360	-90	155.00	136.14	139.24	3.10	7.50	0.58
CF96-128	B	482505	9227732	4.93	360	-90	227.00	**133.00**	**140.80**	**7.80**	**9.37**	**0.50**
							including	***139.13***	***140.80***	***1.67***	***22.72***	***0.92***
CF97-129	B	482246	9226963	44.61	360	-90	179.00	151.08	156.1	5.02	4.83	0.68
								160.72	**162.90**	**2.18**	**10.50**	**3.87**
CF97-130	B	482206	9227138	41.80	60	-75	158.00	125.00	130.20	5.20	4.02	0.25
CF97-131	B	482262	9226862	45.73	360	-90	236.00	144.82	149.45	4.63	2.77	0.49
CF97-132	B	482597	9227515	7.24	360	-90	170.00	169.00	170.00	1.00	4.24	0.98
CF97-133	B	482167	9226901	47.33	360	-90	215.00	172.00	176.00	4.00	3.78	0.18

HoleID	Zone	Easting	Northing	RL	Azi	Dip	EOH (m)	From (m)	To (m)	Width (m)	Zn%	Pb%
CF97-134	B	482546	9227927	3.53	360	-90	264.00	149.00	157.13	8.13	5.23	0.27
							including	***153.65***	***156.31***	***2.66***	***11.06***	***0.55***
								210.13	217.81	7.68	4.42	0.84
CF97-135	B	482180	9226790	47.07	85	-85	203.00	154.66	158.00	3.34	3.02	0.25
CF97-136	B	482453	9228045	2.71	360	-90	279.00	148.50	153.74	5.24	7.73	0.35
CF97-137	B	482261	9227248	14.11	264	-75	149.00	98.30	104.32	6.02	7.38	0.39
							including	***99.24***	***101.00***	***1.76***	***15.61***	***0.73***
CF97-138	B	482179	9227414	9.55	360	-90	130.00	92.15	99.66	7.51	5.57	0.88
							including	***93.80***	***95.80***	***2.00***	***11.96***	***1.52***
								102.25	108.81	6.56	5.83	0.39
CF97-139	B	482475	9228174	1.51	360	-90	179.00	147.60	158.30	10.70	7.29	0.33
							including	***147.60***	***150.10***	***2.50***	***17.10***	***0.67***
CF97-140	B	482125	9227519	8.38	360	-90	229.30	185.50	193.00	7.50	2.63	0.35
CF97-141	B	482253	9227592	6.54	360	-90	213.65	98.00	104.44	6.44	4.84	0.96
CF97-142	B	482337	9227775	4.60	360	-90	245.00	**131.90**	**133.05**	**1.15**	**21.50**	**2.60**
CF97-143	B	482470	9228283	1.00	360	-90	266.00	235.68	237.11	1.43	4.00	0.10
CF08-144	BS	483044	9226369	20.30	360	-90	251.00	206.25	208.20	1.95	3.18	0.21
CF08-144A	BS	483043	9226366	20.30	360	-90	47.50	Ineffective depth				
CF08-145	NE	483282	9229486	13.87	360	-90	459.00	373.72	375.70	1.98	6.95	0.38
CF08-146	NW	481150	9231550	16.52	360	-90	359.00	108.00	109.20	1.20	4.37	0.40
CF08-147	BS	482459	9226119	54.97	360	-90	422.30	276.05	286.45	10.40	3.61	0.59
CF08-148	BS	482501	9225770	61.12	60	-60	404.00	296.00	303.80	7.80	2.13	0.20
CF08-149	NE	483464	9228605	44.04	360	-90	468.00	317.35	323.90	6.55	7.67	0.39
							including	***317.35***	***320.80***	***3.45***	***10.78***	***0.40***
CF08-150	BS	482353	9226324	50.65	360	-90	451.00	334.60	342.20	7.60	4.56	0.59
CF08-151	NE	483663	9228919	83.40	360	-90	351.00	22.75	23.45	0.70	2.39	0.01
CF08-152	NE	483548	9228388	48.69	360	-90	338.00	306.00	308.00	2.00	3.56	0.43
CF08-153	D	483928	9225742	123.81	360	-90	116.40	14.00	23.10	9.10	5.16	0.12
CF08-153A	D	483930	9225733	123.93	360	-90	194.40	14.00	23.00	9.00	5.92	0.03
							including	***15.00***	***18.00***	***3.00***	***8.97***	***0.04***
CF08-154	D	483702	9226240	95.96	360	-90	262.70	110.00	113.00	3.00	1.32	0.08
CF08-155	B	483403	9227135	77.48	360	-90	267.00	117.00	123.00	6.00	2.83	0.10
CF08-156	D	484272	9224692	80.29	360	-90	257.40	24.00	29.60	5.60	1.16	0.18
CF08-157	E	480907	9227444	37.09	360	-90	365.00	338.90	341.40	2.50	2.15	0.27
CF08-158	D	484165	9224735	65.45	360	-90	53.00	26.20	29.30	3.10	1.71	0.17
CF08-159	D	484082	9224828	58.47	360	-90	48.40	29.00	32.00	3.00	2.29	0.18
CF08-160	D	484079	9224937	63.40	360	-90	44.00	4.90	24.45	19.55	3.47	0.70
							including	*11.70*	*16.00*	*4.30*	*7.51*	*0.53*
CF08-161	E	480598	9227423	132.85	360	-90	332.00	Ineffective depth				
CF08-161A	E	480598	9227423	132.86	360	-90	449.00	430.70	431.30	0.60	5.63	0.07
CF08-162	D	484006	9225010	60.12	360	-90	44.40	29.35	40.10	10.75	4.50	0.52
CF08-163	D	484211	9224835	81.02	360	-90	47.40	22.00	31.00	9.00	2.02	0.36
CF08-164	D	484387	9224854	117.63	360	-90	45.10	38.80	39.80	1.00	3.11	0.27
CF08-165	D	484413	9224960	147.61	360	-90	46.00	**2.50**	**10.40**	**7.90**	**5.63**	**3.46**
							including	***2.50***	***4.30***	***1.80***	***8.82***	***11.85***
CF08-166	BS	482348	9226689	31.55	360	-90	228.60	NSI				
CF08-166A	BS	482354	9226689	31.55	360	-90	80.00	NSI				
CF08-167	E	480455	9227901	148.32	360	-90	440.00	394.60	409.25	14.65	3.81	0.27
CF08-168	D	484222	9225154	128.47	360	-90	109.50	70.07	71.72	1.65	3.28	0.02
CF08-169	E	480290	9227792	168.37	360	-90	485.00	483.35	485.00	1.65	3.56	1.23
CF08-170	D	484553	9225008	175.67	360	-90	18.00	Ineffective depth				
CF08-170A	D	484553	9225008	175.73	360	-90	97.00	17.90	37.00	19.10	4.35	0.84
CF08-171	E	480351	9227590	148.41	360	-90	579.40	528.40	548.55	20.15	1.87	0.30
CF08-172	D	484827	9224833	205.21	360	-90	209.90	205.05	207.50	2.45	0.91	0.10
CF08-173	E	480178	9227644	175.93	360	-90	605.00	546.85	554.50	7.65	2.25	0.58
CF08-174	SE	484905	9223940	105.00	20	-89	236.00	98.20	98.70	0.50	0.96	0.02
CF08-175	BS	482468	9226119	55.12	90	-60	423.63	267.52	281.81	14.29	3.64	0.45
							including	*272.50*	*280.03*	*7.53*	*4.63*	*0.40*
CF08-176	B	482467	9226974	38.97	90	-65	92.00	88.60	92.00	3.40	7.49	0.83
CF08-177	B	482465	9226973	38.96	90	-80	128.00	89.35	102.28	12.93	4.49	0.55
CF08-178	BS	482424	9225931	57.43	360	-90	409.00	376.30	380.00	3.70	7.21	0.79

HoleID	Zone	Easting	Northing	RL	Azi	Dip	EOH (m)	From (m)	To (m)	Width (m)	Zn%	Pb%
CF08-179	BS	482400	9226413	48.68	15	-75	310.55	293.00	299.37	6.37	3.71	0.68
CF08-180	BS	482461	9225774	60.05	360	-90	255.00	Ineffective depth				
CF08-181	BS	482289	9226147	52.63	360	-90	396.00	391.00	394.00	3.00	4.02	0.09
CF09-182	B	482441	9226925	39.83	360	-90	114.00	**93.75**	**98.00**	**4.25**	**11.07**	**0.86**
CF09-183	B	482439	9226923	40.10	100	-70	117.00	**94.55**	**99.00**	**4.45**	**11.29**	**1.17**
CF09-184	B	482402	9226915	39.13	360	-90	117.00	102.00	105.00	3.00	6.60	0.51
CF09-185	B	482421	9226908	39.55	180	-70	120.00	**98.30**	**105.00**	**6.70**	**8.27**	**0.92**
CF09-186	B	482418	9226981	38.66	360	-90	120.00	99.00	113.00	14.00	4.48	0.61
CF09-187	B	482440	9226985	38.81	30	-70	129.00	111.00	117.00	6.00	7.46	0.67
CF09-188	B	482371	9226972	36.76	360	-90	129.00	102.50	109.00	6.50	4.46	0.32
CF09-189	B	482429	9226822	28.43	360	-90	105.00	89.50	96.50	7.00	3.46	0.33
CF09-190	B	482482	9226776	28.40	360	-90	117.00	89.20	99.00	9.80	2.28	0.32
CF09-191	B	482476	9226849	27.57	360	-90	105.00	76.50	82.80	6.30	7.66	0.76
CF09-192	B	482508	9226853	26.56	30	-70	84.00	66.50	71.00	4.50	5.70	0.63
CF09-193	B	482521	9226827	27.20	360	-90	78.00	58.40	71.00	12.60	4.95	0.73
CF09-194	B	482581	9226900	16.58	360	-90	61.50	42.00	47.00	5.00	3.69	0.33
CF09-195	B	482577	9226945	15.77	270	-70	72.00	43.00	49.00	6.00	3.84	0.42
CF09-196	B	482553	9227018	11.13	360	-90	66.50	22.10	26.00	3.90	2.92	0.22
CF09-197	B	482470	9227058	23.01	360	-90	87.00	49.50	57.00	7.50	4.20	0.58
CF09-198	B	482378	9227102	21.82	360	-90	99.00	77.00	80.10	3.10	7.87	0.63
CF09-199	B	482402	9227150	15.30	360	-90	102.00	75.00	81.50	6.50	3.70	0.20
CF09-200	B	482357	9227167	15.10	360	-90	102.00	82.85	85.85	3.00	7.66	0.51
CF09-201	B	482290	9227203	14.50	180	-70	114.00	**89.00**	**93.00**	**4.00**	**9.38**	**0.59**
CF09-202	B	482272	9227216	14.06	220	-70	117.00	96.00	102.00	6.00	7.57	0.41
							including	***96.00***	***99.00***	***3.00***	***12.10***	***0.65***
CF09-203	B	482455	9227175	10.23	360	-90	90.00	59.10	61.40	2.30	5.32	0.38
CF09-204	B	482425	9227221	9.83	360	-90	99.00	76.05	77.70	1.65	4.20	0.21
CF10-205	B	481991	9228098	0.25	360	-90	198.00	165.50	167.50	2.00	3.27	0.21
CF10-206	B	482530	9228100	1.95	360	-90	240.00	157.00	164.00	7.00	5.40	0.27
CF10-207	B	482625	9227890	3.78	360	-90	195.25	NSI				
CF10-208	NE	483435	9228730	26.56	360	-90	339.70	NSI				
CF10-209	B	482595	9227780	4.98	360	-90	171.00	NSI				
CF10-210	B	482475	9227750	4.98	360	-90	159.00	**130.00**	**135.00**	**5.00**	**11.67**	**0.53**
CF10-211	B	482500	9227675	5.62	360	-90	228.00	**132.00**	**137.50**	**5.50**	**14.05**	**0.70**
								192.00	201.00	9.00	5.74	0.36
CF10-212	B	482530	9227600	6.81	360	-90	231.00	198.00	203.00	5.00	4.02	2.62
CF10-213	B	482500	9227645	6.00	360	-90	219.00	**130.50**	**137.50**	**7.00**	**11.56**	**0.55**
							including	***133.50***	***137.00***	***3.50***	***18.97***	***0.85***
								191.50	199.00	7.50	5.51	0.42
CF10-214	B	482520	9227370	8.00	360	-90	125.05	96.00	109.00	13.00	6.63	0.70
							including	***102.00***	***105.00***	***3.00***	***18.83***	***1.58***
CF10-215	B	482400	9227600	6.16	360	-90	222.00	121.50	132.00	10.50	8.86	0.65
							including	***122.00***	***127.00***	***5.00***	***13.49***	***0.74***
CF10-216	B	482430	9227365	8.18	265	-77	194.70	89.00	102.00	13.00	4.80	0.47
							including	***96.00***	***99.00***	***4.00***	***13.41***	***0.74***
CF10-217	B	482430	9227490	6.82	360	-90	147.00	107.00	121.50	14.50	6.12	0.66
							including	***113.00***	***116.00***	***3.00***	***11.52***	***1.20***
CF10-218A	B	482468	9227852	4.15	360	-90	69.00	Ineffective depth				
CF10-218B	B	482466	9227846	4.19	360	-90	261.00	134.50	142.00	7.50	4.67	0.31
							including	***134.50***	***137.50***	***3.00***	***8.08***	***0.43***
								184.00	194.00	10.00	4.28	0.56
CF10-219	B	482480	9227568	6.00	270	-72	59.00	Ineffective depth				
CF10-220A	B	482590	9227380	7.57	270	-80	33.00	Ineffective depth				
CF10-220B	B	482594	9227386	8.56	270	-80	218.10	169.25	172.85	3.60	4.05	0.29
CF10-221	B	482420	9227960	3.09	360	-90	258.00	131.00	139.00	8.00	5.12	0.25
							including	***137.00***	***139.00***	***2.00***	***12.39***	***0.56***
								184.00	196.50	12.50	5.41	0.81
								233.00	249.50	16.50	2.93	0.35
CF10-222	B	482470	9228110	2.00	360	-90	279.00	**155.00**	**158.00**	**3.00**	**10.14**	**0.42**
								260.60	264.70	4.10	6.17	0.29

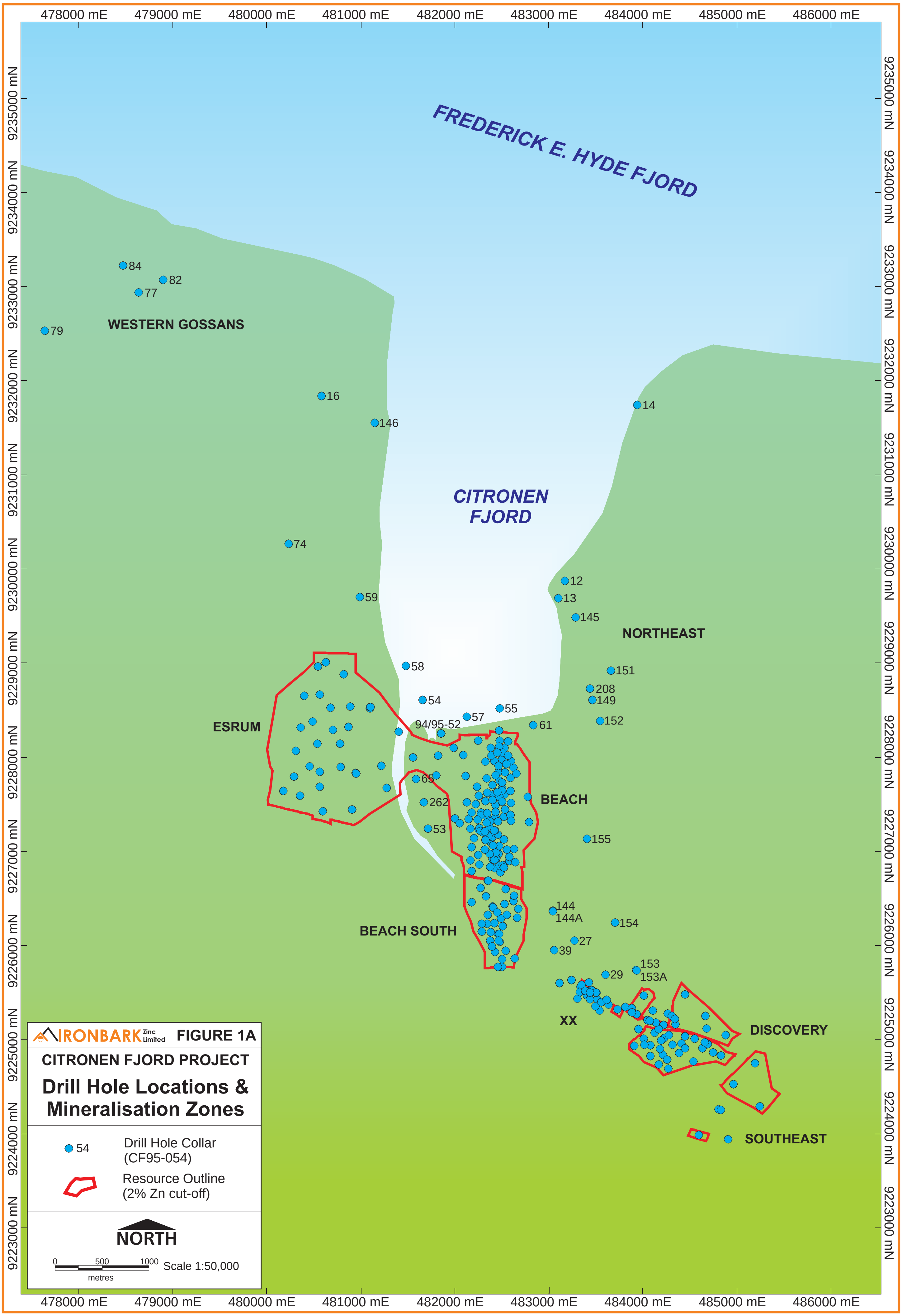
HoleID	Zone	Easting	Northing	RL	Azi	Dip	EOH (m)	From (m)	To (m)	Width (m)	Zn%	Pb%
CF10-223	B	482505	9227980	3.00	360	-90	272.40	145.00	153.00	8.00	5.64	0.22
							including	***151.00***	***153.00***	***2.00***	***12.33***	***0.37***
CF10-224	B	482631	9227022	11.22	360	-90	59.00	Ineffective depth				
CF10-225	B	482390	9228015	2.74	360	-90	258.00	186.55	195.00	8.45	4.05	0.55
								237.00	243.00	6.00	4.25	0.30
CF10-226	B	482380	9228100	1.90	360	-90	162.80	Ineffective depth				
CF10-227	B	482597	9227957	3.35	360	-90	276.00	225.40	230.50	5.10	6.78	0.90
CF10-228	B	482510	9228046	2.70	360	-90	246.00	**149.00**	**157.00**	**8.00**	**7.56**	**2.72**
							including	***154.50***	***157.00***	***2.50***	***13.99***	***0.52***
CF10-229	B	482352	9227354	9.14	360	-90	184.20	97.00	115.50	18.50	4.73	0.69
CF10-230	D	484013	9224943	56.79	360	-90	57.00	21.40	24.50	3.10	3.33	0.61
CF10-231	D	483951	9225113	60.88	90	-70	65.00	NSI				
CF10-232	XX	483811	9225347	102.64	180	-70	122.00	NSI				
CF10-233	D	484105	9225309	135.87	360	-90	128.00	NSI				
CF10-234	D	484307	9225252	167.13	360	-90	71.00	NSI				
CF10-235	D	484307	9225252	167.09	45	-70	65.00	NSI				
CF10-236	D	484171	9225111	114.20	10	-70	89.15	NSI				
CF10-237	D	484226	9225017	113.78	360	-90	44.00	7.00	24.00	17.00	1.99	0.48
								28.00	40.00	12.00	2.56	0.65
CF10-238	D	484349	9225160	156.45	304	-70.8	47.00	10.20	11.20	1.00	3.16	1.81
CF10-239	D	484348	9225160	156.46	350	-70	44.00	6.00	7.00	1.00	3.23	0.47
CF10-240	D	484632	9224904	188.53	360	-90	71.00	2.70	13.00	10.30	4.42	0.79
								4.30	8.00	3.70	7.49	0.85
CF10-241	D	484632	9224904	188.55	135	-70	92.00	3.70	19.00	15.30	3.72	0.63
CF10-242A	D	484690	9224952	207.81	44	-70	50.65	10.50	29.00	18.50	4.11	1.22
CF10-243	D	484690	9224952	207.74	360	-90	39.70	11.20	31.00	19.80	4.04	0.73
CF10-244	D	484674	9225115	246.83	360	-90	63.00	Ineffective depth				
CF10-245A	E	480944	9227833	56.31	360	-90	188.00	Ineffective depth				
CF10-245B	E	480951	9227829	55.78	360	-90	302.00	241.00	243.00	2.00	7.41	0.44
CF10-246	E	480561	9227844	140.50	360	-90	440.00	378.00	405.50	27.50	2.82	0.77
							including	***400.50***	***402.50***	***2.00***	***10.37***	***2.80***
CF10-247	SE	485246	9224288	167.96	225	-70	285.00	241.50	242.00	0.50	5.39	-
CF10-248	XX	483418	9225510	79.72	360	-90	122.00	92.00	97.00	5.00	5.06	0.16
CF10-249	XX	483418	9225510	79.75	45	-70	122.40	**58.30**	**60.30**	**2.00**	**20.71**	**0.10**
								69.50	**98.00**	**28.50**	**12.84**	**0.07**
							including	***69.50***	***84.50***	***15.00***	***20.23***	***0.03***
CF10-250	B	482349	9227356	8.99	360	-90	126.00	87.30	106.00	18.70	4.36	0.97
							including	***98.30***	***103.15***	***4.85***	***6.76***	***2.23***
CF10-251	B	482284	9227415	8.38	360	-90	165.00	90.00	112.00	22.00	3.21	0.33
							including	*93.50*	*67.00*	*3.50*	*6.12*	*0.55*
CF10-252	B	482272	9227379	8.31	360	-90	198.20	91.50	115.50	24.00	2.84	0.30
CF10-253	B	482323	9227530	7.70	360	-90	240.00	103.20	109.00	5.80	7.49	0.55
								166.00	179.00	13.00	3.07	0.22
							including	*169.50*	*175.00*	*5.50*	*5.27*	*0.71*
CF10-254	B	482370	9227251	9.88	360	-90	165.00	70.00	92.00	22.00	3.45	0.80
							including	*71.00*	*74.00*	*3.00*	*5.38*	*1.17*
							and	87.00	92.00	4.00	4.64	1.62
CF10-255	B	482370	9227251	9.90	216	-70	180.00	77.40	90.00	12.60	5.35	0.58
							including	***84.00***	***88.00***	***4.00***	***9.67***	***1.07***
CF10-256	B	482375	9227317	9.48	360	-90	165.00	80.00	104.50	24.50	6.44	2.00
	B						***including***	***94.00***	***104.00***	***10.00***	***10.80***	***3.41***
CF10-257	B	482253	9227230	14.12	240	-70	185.00	101.00	107.00	6.00	6.17	0.29
CF10-258	B	482167	9227242	26.22	360	-90	211.50	119.85	123.35	3.50	3.84	0.23
CF10-259	B	482001	9227346	23.54	360	-90	51.00	Ineffective depth				
CF10-260	BS	482375	9226053	54.56	360	-90	362.00	347.00	350.00	3.00	4.38	0.30
CF10-261	BS	482526	9226443	49.12	360	-90	326.00	313.30	318.00	4.70	5.28	0.26
CF10-262	B	481668	9227519	5.78	360	-90	27.00	Ineffective depth				
CF10-263A	BS	482410	9226405	49.15	360	-90	52.00	Ineffective depth				
CF10-263B	BS	482410	9226405	49.16	360	-90	336.00	303.50	314.00	10.50	3.68	0.83
CF10-264	BS	482417	9226239	52.53	360	-90	372.00	312.40	320.00	7.60	4.72	1.05
CF10-265	BS	482487	9226285	51.67	360	-90	373.20	307.00	312.50	5.50	6.89	1.04

HoleID	Zone	Easting	Northing	RL	Azi	Dip	EOH (m)	From (m)	To (m)	Width (m)	Zn%	Pb%
CF10-266	BS	482673	9226392	49.56	360	-90	297.00	259.50	260.25	12.10	4.38	0.61
CF10-267A	BS	482659	9226292	51.42	360	-90	55.00	Ineffective depth				
CF10-267B	BS	482662	9226293	51.35	360	-90	282.00	NSI				
CF10-268	BS	482621	9226472	48.38	360	-90	63.00	Ineffective depth				
CF10-269	BS	482455	9226349	50.54	360	-90	327.00	296.00	308.00	12.00	2.50	0.61
CF10-270	XX	483406	9225468	81.69	52	-70	134.00	100.50	105.60	5.10	3.82	0.23
CF10-271	XX	483454	9225527	78.98	225	-70	39.00	Ineffective depth				
CF10-271A	XX	483454	9225527	78.98	225	-75	137.00	**61.00**	**95.00**	**34.00**	**9.09**	**0.39**
							including	***61.00***	***81.00***	***20.00***	***14.10***	***0.24***
CF10-272	XX	483338	9225562	74.40	200	-75	152.00	119.50	121.00	1.50	3.69	0.14
CF10-273	BS	482640	9225864	50.94	360	-90	358.25	266.00	267.50	1.50	5.74	0.46
CF10-274	BS	482541	9225943	49.59	360	-90	326.00	300.00	303.00	3.00	3.48	0.20
CF10-275	D	484451	9224906	146.92	360	-90	90.00	55.60	59.60	4.00	1.94	0.82
CF10-276	D	484748	9224863	201.00	360	-90	104.00	3.80	19.00	15.20	2.21	0.35
CF10-277	SE	485192	9224749	288.01	360	-90	260.00	237.00	252.50	15.50	2.23	0.40
CF10-278	SE	484966	9224528	180.22	360	-90	278.00	222.00	225.00	3.00	1.91	0.17
CF10-279	SE	484806	9224258	115.19	360	-90	24.00	Ineffective depth				
CF10-280	SE	484829	9224251	118.32	360	-90	300.00	160.75	163.00	2.25	2.73	0.61
CF10-281	BS	482342	9226231	52.30	360	-90	282.00	Ineffective depth				
CF10-282	BS	482476	9226038	54.99	360	-90	242.00	158.00	159.00	1.00	1.89	0.13
CF10-283	BS	482509	9226202	53.26	360	-90	170.00	Ineffective depth				
CF10-283B	BS	482510	9226205	53.24	360	-90	279.00	245.00	255.55	10.55	4.13	0.57
CF10-284	BS	482467	9226050	55.35	360	-90	323.00	297.00	304.50	7.50	3.10	0.51
CF10-285	BS	482383	9226139	53.76	360	-90	330.00	304.20	309.00	4.80	5.20	0.45
CF10-286	BS	482396	9225986	56.52	360	-90	397.70	369.00	370.00	1.00	5.39	0.49
CF10-287	BS	482289	9226230	51.24	360	-90	385.00	356.50	359.00	2.50	3.40	1.45
CF10-288	BS	482500	9225855	62.00	360	-90	347.50	327.50	340.50	13.00	1.51	0.11
CF10-289	BS	482632	9226526	33.46	225	-80	295.60	258.65	266.50	7.85	2.40	0.41
CF11-290	BS	482460	9225774	47.00	85.7	-80.3	383.30	338.50	343.50	5.00	3.23	0.23
CF11-291	BS	482333	9226524	49.00	360	-90	303.00	283.50	288.05	4.55	7.10	0.59
							including	***283.50***	***285.00***	***1.50***	***16.39***	***1.22***
CF11-292	B	482147	9227342	43.00	360	-90	140.00	114.00	121.70	7.70	7.01	0.51
CF11-293	E	480361	9228317	206.27	360	-90	497.00	448.00	460.10	12.10	2.87	0.20
CF11-294	E	480702	9228292	138.25	290	-84.2	401.00	349.30	358.80	9.50	5.27	0.90
							including	***349.30***	***353.00***	***3.70***	***10.26***	***-***
CF11-295	BS	482275	9226610	51.00	54.2	-72.7	314.00	297.00	304.75	7.75	3.05	0.19
CF11-296	E	480566	9228662	178.78	187	-89	460.00	404.35	416.70	12.35	3.08	0.27
CF11-297	E	480542	9228966	231.25	360	-90	545.00	503.90	504.55	0.65	5.42	0.25

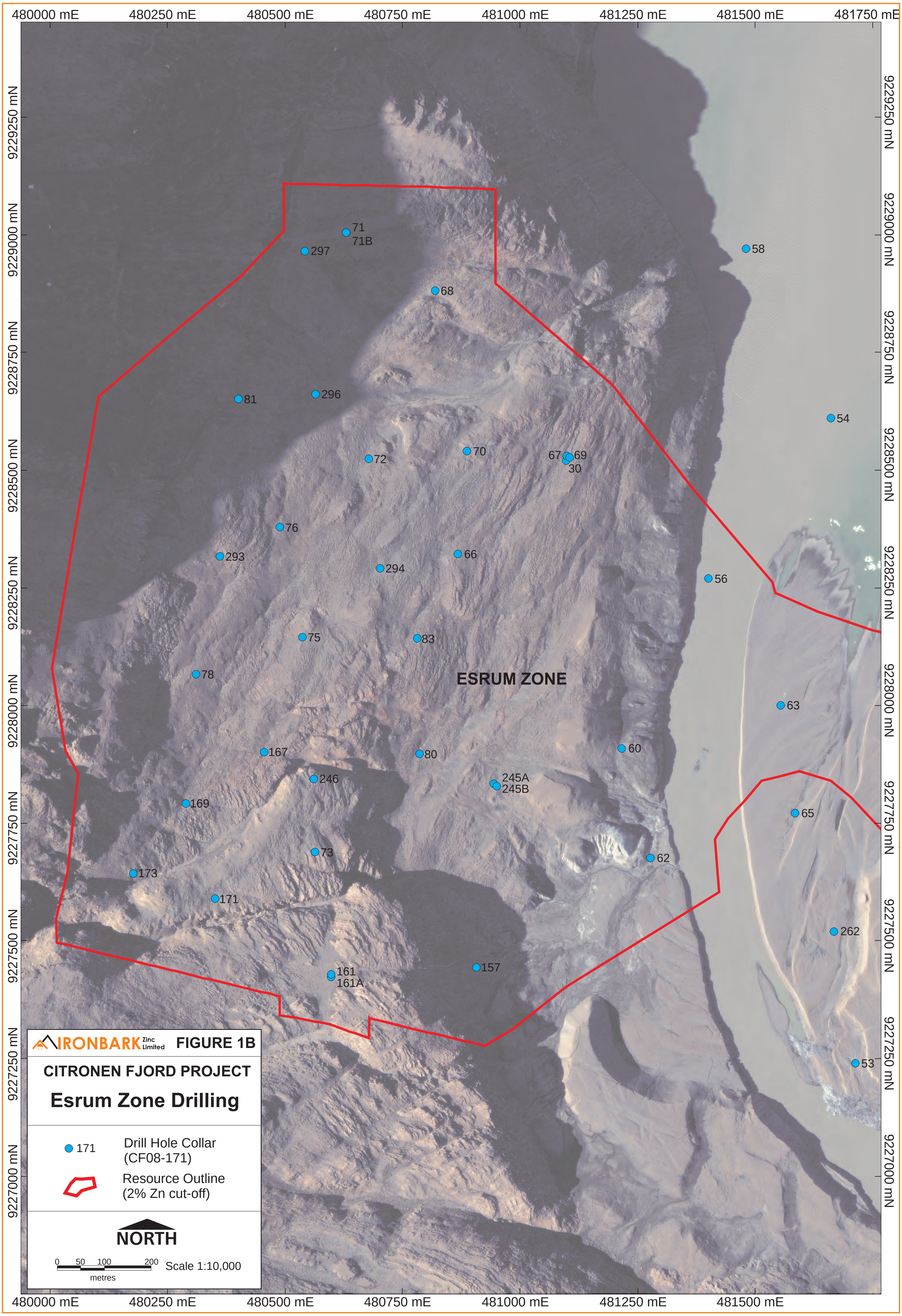
Hole Prefix		**Zone**	
CF93-	Holes drilled in 1993	E	Esrum
CF94-	Holes drilled in 1994	B	Beach
CF95-	Holes drilled in 1995	BS	Beach South
CF96-	Holes drilled in 1996	D	Discovery
CF97-	Holes drilled in 1997	XX	XX Zone
CF08-	Holes drilled in 2008	SE	Southeast
CF09-	Holes drilled in 2009	NE	Northeast
CF10-	Holes drilled in 2010	WG	Western Gossans
CF-11	Holes drilled in 2011		

Co-ordinates: UTM Zone 26N WGS84

NSI No Significant Intercept



FREDERICK E. HYDE FJORD
CITRONEN FJORD
WESTERN GOSSANS
ESRUM
BEACH
BEACH SOUTH
NORTHEAST
XX
DISCOVERY
SOUTHEAST
84
82
77
79
16
146
14
74
59
12
13
145
58
54
94/95-52
57
55
61
151
208
149
152
65
262
53
155
144
144A
154
27
39
29
153
153A
478000 mE
479000 mE
480000 mE
481000 mE
482000 mE
483000 mE
484000 mE
485000 mE
486000 mE
9235000 mN
9234000 mN
9233000 mN
9232000 mN
9231000 mN
9230000 mN
9229000 mN
9228000 mN
9227000 mN
9226000 mN
9225000 mN
9224000 mN
9223000 mN
IRONBARK Zinc Limited
FIGURE 1A
CITRONEN FJORD PROJECT
Drill Hole Locations & Mineralisation Zones
54
Drill Hole Collar (CF95-054)
Resource Outline (2% Zn cut-off)
NORTH
0
500
1000
metres
Scale 1:50,000


480000 mE
480250 mE
480500 mE
480750 mE
481000 mE
481250 mE
481500 mE
481750 mE
9229250 mN
9229000 mN
9228750 mN
9228500 mN
9228250 mN
9228000 mN
9227750 mN
9227500 mN
9227250 mN
9227000 mN
71
71B
297
58
68
81
296
54
72
70
67
69
30
76
293
294
66
56
75
83
78
ESRUM ZONE
63
167
80
60
246
245A
245B
169
65
73
62
173
171
262
161
161A
157
53
IRONBARK Zinc Limited
FIGURE 1B
CITRONEN FJORD PROJECT
Esrum Zone Drilling
171 Drill Hole Collar (CF08-171)
Resource Outline (2% Zn cut-off)
NORTH
0 50 100 200
metres
Scale 1:10,000

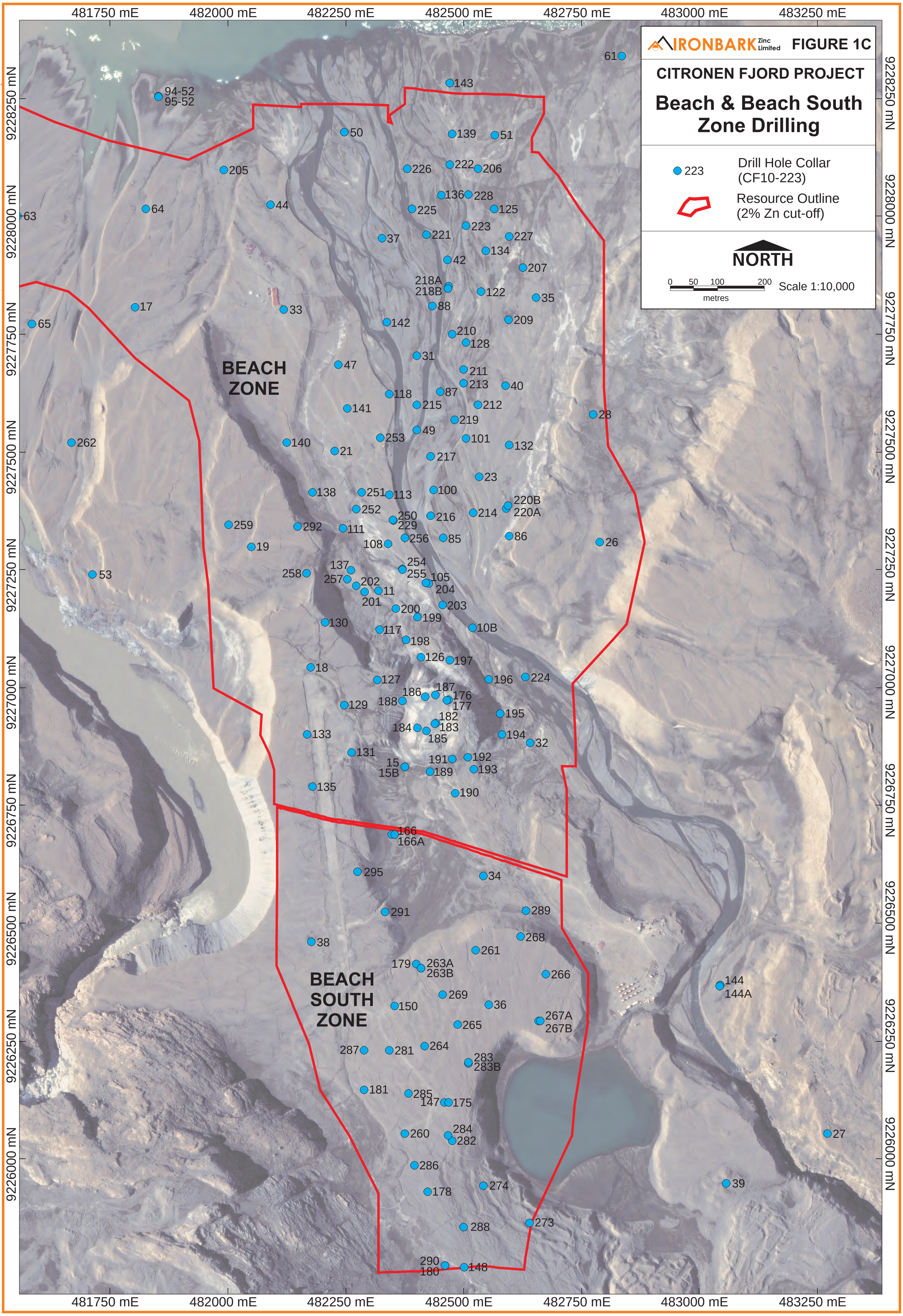
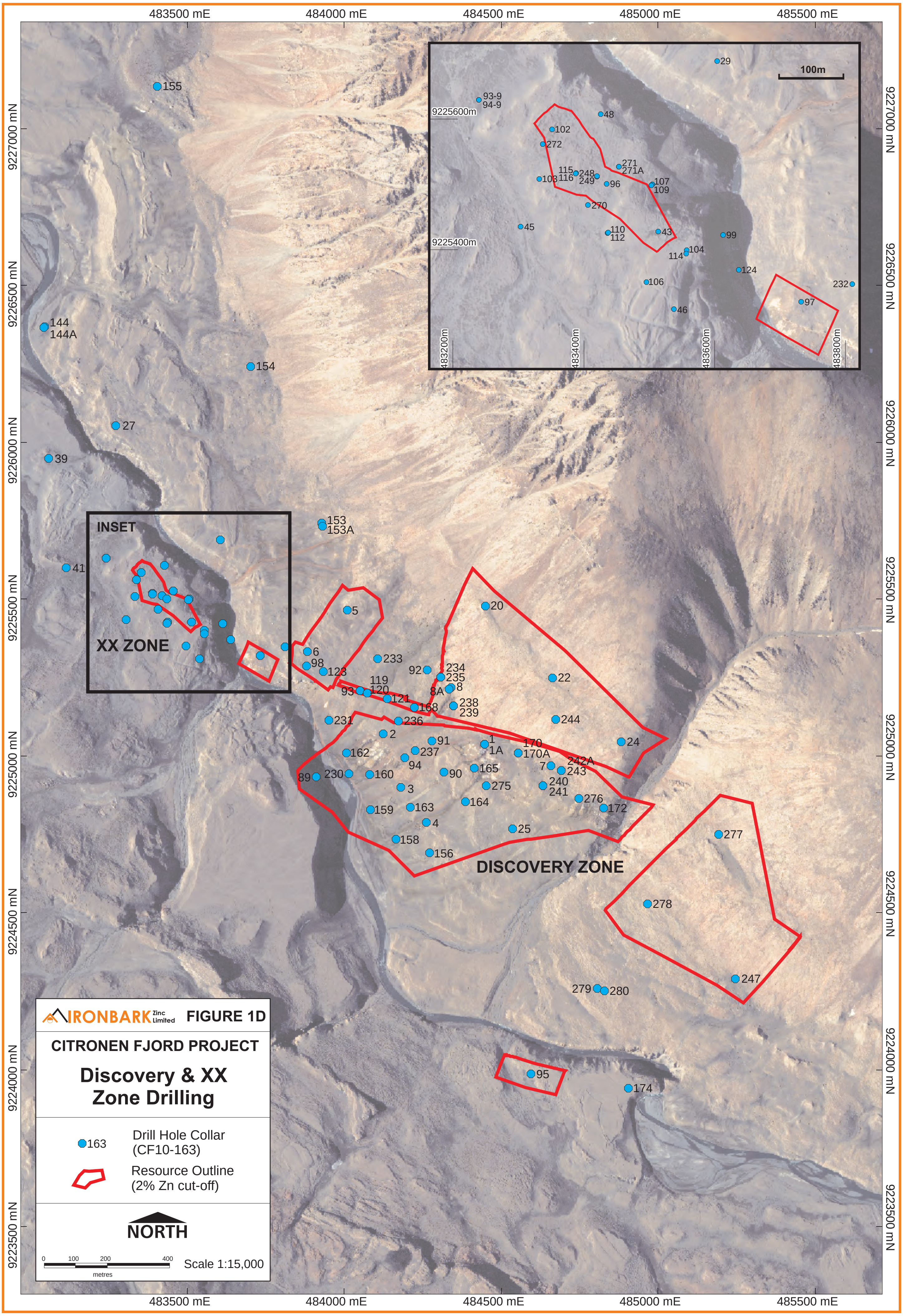


Figure 1C – Citronen Fjord Project, Beach & Beach South Zone Drilling



IRONBARK Zinc Limited
FIGURE 1D
CITRONEN FJORD PROJECT
Discovery & XX Zone Drilling
163 Drill Hole Collar (CF10-163)
Resource Outline (2% Zn cut-off)
NORTH
0 100 200 400
metres
Scale 1:15,000
483500 mE
484000 mE
484500 mE
485000 mE
485500 mE
9227000 mN
9226500 mN
9226000 mN
9225500 mN
9225000 mN
9224500 mN
9224000 mN
9223500 mN
INSET
XX ZONE
DISCOVERY ZONE
100m
9225600m
9225400m
483200m
483400m
483600m
483800m
155
144
144A
154
27
39
41
153
153A
5
20
6
98
123
233
92
234
235
8A
8
22
93
119
120
121
168
238
239
231
236
244
2
91
1
1A
170
170A
24
162
237
94
7
242A
243
89
230
160
90
165
240
241
3
275
276
159
163
164
172
4
25
277
158
156
278
247
279
280
95
174
29
93-9
94-9
48
102
272
271
271A
115
248
108
116
249
96
107
109
270
45
110
112
43
99
104
114
124
106
232
97
46