6 April 2018 ASX: AX8



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#### **ASX Announcement**

#### **Market Data**

ASX Code: AX8 Shares on Issue: 47,620,000

#### **Board and Management**

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# Drilling Operation Begin at Large Cobalt Copper Gold Target

#### **HIGHLIGHTS**

- 400x600m IP target beneath the cobalt-copper-gold anomaly at Thomas
   Creek confirmed
- Drill Rig on site with first hole scheduled to commence today
- Additional IP anomalies discovered and will be followed up

Accelerate Resources Limited ("Accelerate" or "the Company") is pleased to announce that the company has identified 3 immediate drill targets from the newly received 3D IP modelling (Figure 1) at the Thomas Creek cobalt-copper-gold Prospect.

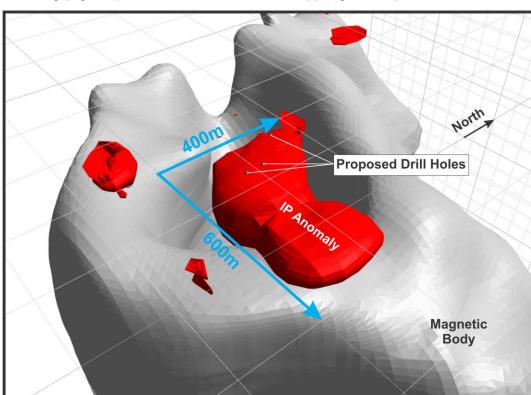


Figure 1: 3D Chargeable IP Anomalies with Proposed Drilling

The 3D IP modelling has defined a large chargeable anomaly located along the eastern margin of an ovoid aeromagnetic body, below a surface copper-cobalt anomaly. The chargeable anomaly has a general NW- SE alignment with dimensions of approximately 400m at its widest and up to 600 metres in length. The depth to the top of the IP anomaly is approximately 100m below the surface.

Three angled diamond holes have been planned to test two shallow targets and one deeper target within the chargeable feature as per Figure 1. Further drilling will be conducted to follow up any significant mineralisation intersected in the initial holes.



#### 1.0 IP Survey Details

The Pole-Dipole IP survey was undertaken by Zonge Engineering and Research Organisation Pty Ltd under the Supervision of Southern Geoscience Consultants Pty Ltd, with a total of 10.8 line kilometres surveyed on five north-south and one east west oriented lines. The Line spacing is 150m on the north-south lines, and 200m on the east-west lines.

The infill IP survey has successfully defined a moderately high chargeability (Figure 2), low resistivity anomaly (Figure 3) beneath a surface cobalt-copper-gold geochemical anomaly (Figure 4). Three other separate satellite chargeable zones located on the limits of the current survey were also identified during the current survey. These satellite target areas will be investigated by future follow up IP surveys.

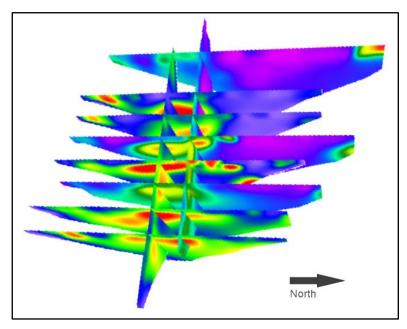


Figure 2: IP Chargeability

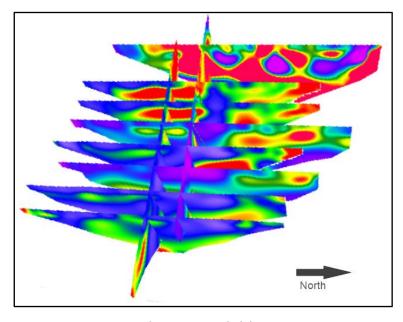


Figure 3: IP Resistivity

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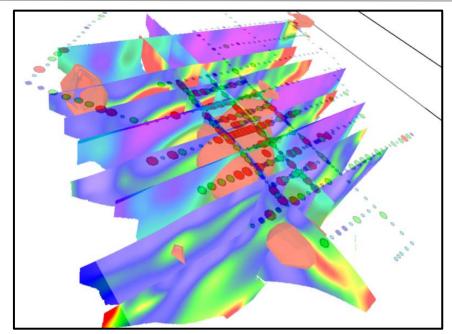


Figure 4: 3D IP modelling defines large chargeable body beneath the surface geochemistry

The commencement of drilling of the current central IP feature is first step of a potentially much larger program of exploration works in the Thomas Creek area.

#### 2.0 Tasmanian Project Overview

The Company's Mount Read Cobalt project is located on the Sorrell Peninsular in western Tasmania (Figure 5). The project encompasses a belt of Cambrian volcano sedimentary rocks correlated with the Mount Read Volcanics ("MRV") of western Tasmania. The MRV are host to all Western Tasmania's significant base and precious metal mines and mineral occurrences, several of which have been significant producers of base metals for over 100 years.



Figure 5:Accelerate Resources Mount Read Cobalt project location

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The two main prospects comprising the Company's Mount Read Cobalt project that are expected be the focus of exploration activity in the first two years of operation are:

- The Thomas Creek Co-Cu-Au prospect; and
- The Henrietta Co-Ni-Cu project.

Previous exploration at Thomas Creek defined a Cu-Co-Au soil geochemical anomaly associated with an aeromagnetic and ground induced polarisation (IP) geophysical anomaly. Shallow diamond drilling completed by Plutonic Operations Ltd in the early 1990's confirmed anomalous Cu-Co-Au but did not test the IP chargeability anomaly.

The combination of volcanic and intrusive rock stratigraphic association, geochemical signature, alteration assemblages, sulphide assemblages, and geophysical expression has been used by previous explorers to draw analogies between Thomas Creek and the Mount Lyell Cu-Au deposit of western Tasmania.

-ENDS-

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#### **Competent Person Statement:**

Information in this release that relates to Exploration Results is based on information compiled by Mr Andrew Rust, who is the Exploration Manager for Accelerate Resources Limited and who is a Member of the Australian Institute of Mining and Metallurgy (AusIMM). Mr Rust has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity being 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'. Mr Rust consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

#### Forward Looking Statements

Statements contained in this release, particularly those regarding possible or assumed future performance, costs, dividends, production levels or rates, prices, resources, reserves or potential growth of Accelerate Resources Limited, are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors.



## **JORC Table 1**

## JORC Code, 2012 Edition - TABLE 1 (Section 1: Sampling Techniques and Data)

| Criteria                    | JORC Code explanation   | Commentary   |
|-----------------------------|---|--|
| Sampling<br>techniques      | <ul> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>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 Au that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul> | <ul> <li>The Ground IP survey at Thomas Creek was undertaken by Zonge Engineering and Research Organisation Pty Ltd ("Zonge") under the Supervision of Southern Geoscience Consultants Pty Ltd ("SGC")</li> <li>The IP Survey is 2D Dipole-Dipole design with 75m dipole length using 1-14 separation. A ZT30 amp transmitter and a GDD -16 receiver were used.</li> </ul> |
| Drilling<br>techniques      | <ul> <li>Drill type (eg core, reverse circulation,<br/>open-hole hammer, rotary air blast,<br/>auger, Bangka, sonic, etc) and details<br/>(eg core diameter, triple or standard<br/>tube, depth of diamond tails, face-<br/>sampling bit or other type, whether core<br/>is oriented and if so, by what method,<br/>etc).</li> </ul>  | Not applicable as no drilling reported   |
| Drill<br>sample<br>recovery | <ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> </ul>  | Not applicable as no drilling reported   |
| Logging                     | <ul> <li>Whether core and chip samples have<br/>been geologically and geotechnically<br/>logged to a level of detail to support<br/>appropriate Mineral Resource<br/>estimation, mining studies and</li> </ul>  | Not applicable as no drilling reported   |

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| Criteria   | JORC Code explanation  | Commentary  |
|--|--|---|
|  | <ul> <li>metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>  |   |
| Sub- sampling techniques and sample preparatio n | <ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul> | Not applicable as no drilling or sampling reported  |
| Quality of assay data and laboratory tests       | <ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> </ul>   | <ul> <li>Not applicable as no assaying was completed</li> <li>Dipole-Dipole IP Survey Specifications. See table below;</li> </ul> |



| Criteria   | JORC Code explanation   | Commentary   |  |
|--|---|--|--|
|  |   | Contractor   | Zonge Engineering and Research<br>Organization (Australia) Pty Ltd |
|  |   | Array  | Pole-Dipole Induced Polarisation (PDIP) survey                     |
|  |   | Line Spacing   | 150m N-S lines, 200m W-E lines                                     |
|  |   | RX Dipole Separation   | 100m   |
|  |   | TX pole spacing  | 100m   |
|  | <ul> <li>Nature of quality control procedures</li> </ul>  | Max N Separation   | 17   |
|  | adopted (eg standards, blanks,  | Coordinate System  | GDA 94 Z55   |
|  | duplicates, external laboratory checks)   | Base Frequency   | 0.125Hz  |
|  | and whether acceptable levels of  | Total Chargeability  | F00 1540   |
|  | accuracy (ie lack of bias) and precision  | integration Time   | 590-1540ms   |
|  | have been established.  | Typical Current  | 2.5A   |
|  |   | Max Current  | 4A   |
|  |   | Min Current  | 1.2A   |
|  |   |  |  |
|  |   | Equipment  |  |
|  |   | Transmitter  | Zonge International GGT10  |
|  |   | Frequency  | 0.125 Hz   |
|  |   | Output   | As above   |
|  |   | Max Current  | As above   |
|  |   | Max Voltage  | As above   |
|  |   | Current at Max Voltage   | N/A  |
|  |   | Motor Generator  | Zonge International ZMG-9  |
|  |   | Reciever   |  |
|  |   | Make   | GDD GRX-32 IP receiver   |
|  |   | Channels   | 32   |
|  |   | Sample Rate  | ~20ms  |
|  |   | Software   | N/A  |
|  |   | receiver electrodes  | porous ceramic pots filled with copper sulphate                    |
|  |   |  | s no geochemical sampling reported                                 |
| Verificatio<br>n of<br>sampling<br>and<br>assaying | <ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul> | Not applicable as  | no sampling or drilling reported                                   |
| Location<br>of data<br>points                      | <ul> <li>Accuracy and quality of surveys used to<br/>locate drill holes (collar and down-hole<br/>surveys), trenches, mine workings and<br/>other locations used in Mineral Resource<br/>estimation.</li> </ul>   | <ul> <li>The Ground IP transmitter and receiver stations were located in the field by handheld GPS (±5m accuracy)</li> <li>The GDA94 Zone 55 datum is used as the co-</li> </ul> |  |
|  | <ul> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>  | ordinate system.  Topographic Con  | trol is from DTM   |

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| Criteria  | JORC Code explanation  | Commentary  |
|---|--|---|
| Data<br>spacing<br>and<br>distributio<br>n                              | <ul> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>                                 | Not applicable as no drilling results are reported. See IP Specification above for line spacings. |
| Orientatio<br>n of data<br>in relation<br>to<br>geological<br>structure | <ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul> | Not applicable as no drilling results are reported  |
| Sample<br>security  | <ul> <li>The measures taken to ensure sample security.</li> </ul>  | <ul> <li>Not applicable as no samples were collected or reported</li> </ul>                       |
| Audits or reviews   | The results of any audits or reviews of sampling techniques and data.  | No independent audits or reviews have been undertaken   |



Section 2 Reporting of Exploration Results (Criteria listed in the preceding section also apply to this section.)

| Criteria   | JORC Code explanation   | Commentary   |
|--|---|--|
| Mineral<br>tenement and<br>land tenure<br>status | <ul> <li>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.</li> <li>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.</li> </ul>  | <ul> <li>Exploration Licence EL7/2013 is held by Sherlock Minerals Pty Ltd, and Exploration Licence EL6/2013 is held by Thylacine Resources Pty Ltd, a 100% owned subsidiary of Sherlock Minerals.</li> <li>The tenements are subject to a Sale Agreement, whereby Accelerate Resources will acquire 100% ownership of the tenements. All sale conditions have been met and the Company is awaiting formal approval of the tenement transfer from the Minister.</li> <li>The tenements occur in the Southwest Conservation Area and is part of the Cape Sorell, Strategic Prospectivity Zone, which is protected by the Mining (strategic Prospectivity Zones) Act 1993 – An Act to ensure continuing access for mining purposes to areas of the State having high potential for mineral exploration.</li> <li>There is no Native Title claim over the tenement area.</li> </ul> |
| Exploration<br>done by other<br>parties          | Acknowledgment and appraisal of<br>exploration by other parties.  | Previous historical exploration work by other Companies includes surface geochemistry, broad scale Pole-dipole IP, Gradient Array IP, 200m spaced VTEM and limited shallow drilling (8 holes). Modelling of the historical drilling indicates the IP targets have not been drill tested. For detailed description of historical work please refer to the Company's Prospectus (ASX release 12/02/2018).  |
| Geology  | <ul> <li>Deposit type, geological setting and style<br/>of mineralisation.</li> </ul>   | Refer to section "Tasmanian Projects<br>Overview" in the body of the announcement  |
| Drill hole<br>Information                        | <ul> <li>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> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>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</li> </ul> | Not applicable as no drilling is reported  |

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| Criteria   | JORC Code explanation  | Commentary  |
|--|--|---|
| Data aggregation methods   | <ul> <li>clearly explain why this is the case.</li> <li>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.</li> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul> | Not applicable as no drilling results are reported  |
| Relationship<br>between<br>mineralisatio<br>n widths and<br>intercept<br>lengths | <ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>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').</li> </ul>  | Not applicable as no drilling results are reported  |
| Diagrams   | <ul> <li>Appropriate maps and sections (with scales)<br/>and tabulations of intercepts should be<br/>included for any significant discovery being<br/>reported These should include, but not be<br/>limited to a plan view of drill hole collar<br/>locations and appropriate sectional views.</li> </ul>  | Refer to Figures in body of text  |
| Balanced<br>reporting  | <ul> <li>Where comprehensive reporting of all<br/>Exploration Results is not practicable,<br/>representative reporting of both low and high<br/>grades and/or widths should be practiced to<br/>avoid misleading reporting of Exploration<br/>Results.</li> </ul>  | Not applicable as no drilling results are reported  |
| Other<br>substantive<br>exploration<br>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.  | All relevant exploration data is shown on figures and discussed in the text. Please refer to the Company's Prospectus (ASX release 12/02/2018) for additional background information on previous exploration activities at Thomas Creek |
| Further work   | <ul> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>  | Planned future exploration involves<br>diamond drill testing of selected IP<br>targets at Thomas Creek as described<br>in the body of the text.   |