**September Quarterly Report 2019** 

## **HIGHLIGHTS**

# **Exploration Update**

- Mt Read Project data review
- Sale of Bulgera Gold Project, WA

# **Corporate Update**

• Project acquisition opportunities assessed

### Mt Read Project, Tasmania – Accelerate Resources 100%

During the September quarter, Accelerate Resources Limited ("Accelerate" or "the Company") progressed the Mt Read project data review and provided database access for several interested parties to conduct initial due diligence reviews.

The Company's Mount Read Project is located on the Sorell Peninsular in western Tasmania (Figure 1) The project encompasses a belt of Cambrian volcano-sedimentary rocks correlated with the Mount Read Volcanics ("MRV") of western Tasmania.

Diamond drilling by Accelerate, during 2018, comprising four holes, TCDD001 to TCDD004 targeted strong chargeability highs and resistivity lows within a large 3D inversion modelled IP chargeability anomaly located along the eastern margin of an ovoid magnetic body, below surface copper-cobalt soil anomalism defining the core of the Thomas Creek prospect.

The drilling intersected a mineralised system with disseminated sulphides and veining with associated anomalous copper-cobalt grades. The initial holes at Thomas Creek, TCDD001, TCDD002 and TCDD003, intersected anomalous copper and cobalt mineralisation associated with semi-massive sulphide veins and broad zones of disseminated pyrite and chalcopyrite and are interpreted to have intersected alteration consistent with the outer propylitic and intermediate phyllic zones associated with porphyry-style mineralisation.

Market Data
ASX Code: AX8

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**BOARD** 

ASX: AX8



TCDD004 intersected a sequence of altered andesitic lavas and volcanic breccias, cross-cut by a number of Potassium feldspar altered monzodiorites, with zones of magnetite – chalcopyrite – pyrite – potassium feldspar veining intersected in the upper 300m of the hole. The drilling returned a number of zones of anomalous copper and gold mineralisation associated with zones of visible copper sulphide (chalcopyrite) mineralisation and monzodiorite intrusions. (see ASX announcement 12<sup>th</sup> November 2018).

A series of thin volcaniclastic sedimentary horizons were intersected in the lower part of TCDD004, including a volcaniclastic sandstone at 510.9m to 511.3m containing 1% disseminated chalcopyrite, which returned 0.4m at 0.15% copper, a volcaniclastic sandstone at 519.25m to 519.46m containing 10% semi-massive to disseminated pyrite and a volcaniclastic sandstone and siltstone horizon at 627.50m to 629.0m containing 0.1% disseminated pyrite and chalcopyrite. (see ASX announcement 8<sup>th</sup> April 2019).

These sulphidic, volcaniclastic horizons highlight the potential for exhalative VHMS seafloor horizons to occur within the Mt Read project area. The up-dip potential for these horizons is indicated at surface by a zone of chargeability, in the southeastern part of the Thomas Creek survey grid, coincident with elevated potential VHMS copper indicator elements (Bi, Te, Mo & Co).

Ongoing analysis of Thomas Creek prospect and regional data, including the Company's drilling and the airborne Mobile MagnetoTellurics (MobileMT) survey is defining a protracted late Cambian hydrothermal event, overprinted by Cambrian and Devonian tectonic events in the area.

Much of the Thomas Creek alteration is clearly intrusion related and porphyry-like, however recognition of a submarine environment with exhalative VHMS potential in TCDD004 indicates that mineralisation is likely significantly influenced by sea water highlighting a significant difference to typical porphyry copper deposits, which are influenced by meteoric waters in a sub aerial environment. Consequently, early alteration at Thomas Creek is more pervasive in nature as compared to vein fracture networks in typical porphyry copper environments. Mineralisation at the Thomas Creek Prospect has recognized similarities to that at Mt Lyell (311Mt @ 0.97% Cu, 0.31% Au), with the exception of numerous high level intrusives overprinting the Thomas Creek system. Analysis of trends and vectors to mineralisation is ongoing with consideration to this evolving understanding.



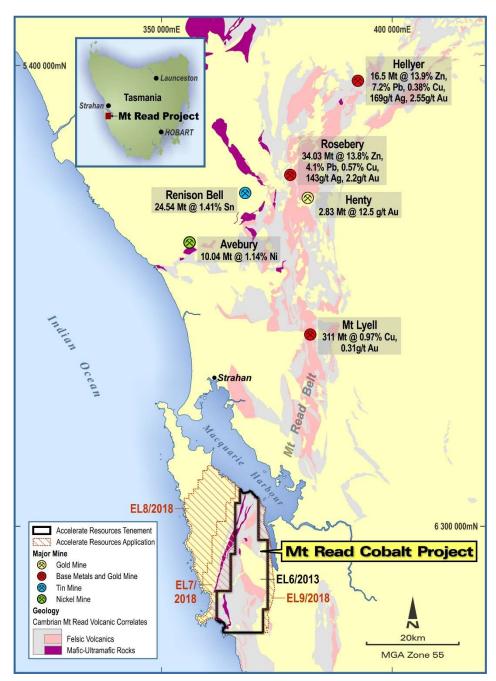


Figure 1. Mount Read Project Location

The Company is encouraged by Stavely Minerals Limited's (ASX:SVY) high grade Cu-Au discovery within the Stavely Volcanics of Western Victoria. (3<sup>rd</sup> September, 2019 Stavely Minerals ASX release).

The Stavely Volcanics share a very similar geological and tectonic evolution to the Mount Read Volcanics (MRV), which host the Company's Mt Read Project in western Tasmania. The geological and structural connections between Tasmania and Victoria have long been the source of conjecture, but the overall geological evolution of the Stavely Volcanics and Mount Read Volcanics (MRV) can be favorably compared.



The Stavely Volcanics are of similar (~500Ma) age, petrology and geochemical characteristics as the MRV, which host several world-class VHMS deposits. Both areas are considered to be formed in a subduction related setting, with potential for Volcanic Hosted Massive Sulphides (VHMS) and porphyry- and epithermal-style mineralisation.

Accelerates' work to date, indicates the potential for porphyry and VHMS mineralisation within the Mt Read project. Intersection of up to 46m @ 0.11% copper in TCDD002 (see ASX announcement 6<sup>th</sup> September 2018), illustrates the potential for broad zones of mineralisation.

The Company will continue work aimed at establishing relationships between the Stavely Volcanics and the Mount Read Volcanics which may further enhance targeting within the Mt Read Project.

#### **Bulgera Project, WA – Accelerate Resources 0% (Divested)**

The Bulgera Gold Project is situated at the northern end of the multi-million ounce producing Plutonic Well greenstone belt of Western Australia and comprises two granted exploration licences E52/3276 and E52/3316.

As announced to the ASX on the 9<sup>th</sup> of July 2019, the Company completed the sale of 100% interest in the title and rights of the Bulgera Gold Project to Norwest Minerals Limited, for a cash consideration of \$220,000 (inclusive of GST).

The successful sale of the Bulgera project has boosted the Company cash position by \$200,000 in the current quarter.

#### **Project Acquisition Reviews**

The Board continues to investigate acquisition opportunities across a number of commodities, to identify opportunities with the potential to increase shareholder value.

A number of potential projects have been reviewed during the September quarter. Some of which the Company has conducted due diligence on, including engaging independent geological consulting firms to undertake reviews.

Following the end of the September quarter, the company continues to conduct due diligence on projects in the gold and industry minerals sectors.

-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.



# **Appendix**

1. In accordance with Listing Rule 5.3.3. Accelerate provides the following information in relation to its mining tenements. The mining tenements held at the end of the quarter and their location

Project	Tenement Number	Status	Location	Beneficial Percentage Interest
Mt Read	EL 6/2013	Granted	Tasmania	100%
Mt Read	EL 7/2018	Granted	Tasmania	100%
Mt Read	EL 8/2018	Granted	Tasmania	100%
Mt Read	EL 9/2019	Granted	Tasmania	100%
Mount Monger	E25/525	Granted	Western Australia	100%
Mount Monger	E25/565	Granted	Western Australia	100%
Mount Monger	E25/586	Application	Western Australia	100%
Comet	E20/908	Granted	Western Australia	100%
Comet	E20/939	Application	Western Australia	100%
Scotia	E24/220	Application	Western Australia	100%
Sandstone	E57/1118	Application	Western Australia	100%

## 2. Mining tenements acquired during the quarter and their location:

Project	Tenement Number	Status	Location	Comment
Scotia	E24/220	Application	Western Australia	100%

## 3. Mining tenements disposed of during the quarter and their location:

Project	Tenement Number	Status	Location	Comment
Bulgera	E52/3276	Granted	Western Australia	Sold during the Quarter
Bulgera	E52/3316	Granted	Western Australia	Sold during the Quarter