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## Dianne Copper Project Field and Resource Update

### Highlights

- Revolver engages geoscience consultants Global Ore Discovery and resource geology consultants AMC Consultants to advance Mineral Resource Estimate (MRE) and exploration program
- Aggressive three-tiered resource and exploration program activated including;
  - Preparation for Initial JORC Mineral Resource Estimate (MRE) is well advanced
  - District scale integrated geology, geochemistry and geophysics program
  - Tenement wide assessment
- “Forensic” style recovery and re-validation of over 9000m of historic drilling data and metallurgical test work nearing completion
- Includes relogging of key sections of 16 holes of Dianne drill core from the Geological Survey of Queensland (GSQ) core library with over 250 core samples submitted for confirmation assaying
- Close coordination of historic drill data recovery with resource consultants will allow over 60% of previous drilling to be reused, accelerate timeline for delivery of Initial MRE and redirect drill meters to resource step out and testing of new drill targets
- Combination of high level of field activity and application of new technology accelerates Dianne exploration program
  - Detailed geological mapping of the pit and at the district scale is well advanced
  - Over 270 rock chip and systematic channel samples for outside the pit and district scale dispatched to the laboratory for copper, base metal and gold analysis
  - Diamond drilling program planned to commence mid-November
  - IP survey covering 3.5 sq kms centred on the mine planned for late November
  - High resolution line 940 line km drone aerial magnetic survey 21 sq km area planned for early December
  - DHEM survey on newly drilled deeper holes scheduled for mid-January 2022
  - WorldView3 high resolution and multispectral satellite imagery tasked for acquisition over the entire project to provide a high resolution mapping base and district scale alteration mapping



**Revolver Resources Holdings Limited (ASX: RRR) (“Revolver” or “the Company”)**, an Australian exploration company focused on the development of copper for the world’s accelerating electrification, is pleased to announce its Operations update on the Dianne Copper Project.

**Revolver's Managing Director, Pat Williams said:** *“The Company is continuing to ramp up a significant program of field activity at the Dianne Project.”*

*“We are well progressed with a thorough and systematic “boots on the ground” geological foundation for the Project. This will allow us to make a clear and intentional deployment of the most appropriate exploration methods for the geology of this deposit and the greater Dianne region.”*

*“The recovery and validation of much of the historic drilling for use in the grade estimation represents a significant time and cost saving for Revolver that will accelerate delivery of the JORC guided Initial MRE and re-direction of drill meters from the first drill program to resource step out and new target testing.*

*“A significant ramp up of activity is now locked in for the remainder of the year, and early 2022, which will incorporate commencement of diamond drilling, a ground IP geophysics program, a drone aerial magnetic survey, down hole EM survey’s and the continuation of the ground based geological program, all aimed at identifying resource confirmation and new district and regional scale targets”*

*Rapidly evolving geological knowledge shapes view of project prospectivity and design of exploration program*

## **JORC Guided Mineral Resource Estimate Update**

The “Forensic” reconstruction of the historic drilling and geochemical database for the Dianne deposit has continued with very good success. The Global Ore Discovery geoscience and advisory team have continued to retrieve and validate a variety of original drill hole logging, assay, QA/QC, metallurgical data and relogged key sections of 16 historic drill holes stored at the Geological Survey of Queensland (GSQ) core storage facility. Over 270 samples of the core have been submitted for confirmation assaying including potentially mineralized sections of core that had not been previously assayed. Assay results are anticipated within the next 3 to 5 weeks.



Figure 1 shows the delineated zone of high-grade chalcocite and chalcopyrite sulphide mineralisation from drill core at the GSQ core library. While confirmation sampling was being undertaken on the high-grade zone, the presence of visible mineralisation both above and below the high-grade zone was also sampled, in a number of cases for the first time and submitted for copper, zinc as well as cobalt and gold analysis - the latter which has not systematically been analysed at Dianne.



**Figure 1: High grade copper chalcocite and chalcopyrite sulphide intersection GSQ core library historic drill hole DMD11<sup>1</sup>**

The systematic approach to recovery and validation of the drill hole data for the Dianne project has allowed Revolver’s resource geology consultants, AMC consultants, to estimate that 60% to 70% of the historic 9,200 meters of drilling at Dianne will be usable in the calculation and reporting of the Initial JORC guided MRE for the project.

This outcome will allow a significant proportion of the nominal 5,000 m drill program originally planned by Revolver for the Dianne resource redrill to be redirected toward resource step-out / step down drilling to test near pit initial exploration targets that are generated through the surface exploration program and historic data recovery work in progress, as well as additional new drill targets that may emerge from the planned IP geophysical and drone magnetic surveys.

<sup>1</sup> Refer to Revolver Resource Holdings Ltd Prospectus lodged with ASX on 21-9- 2021  
[https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-024240956A1051258?access\\_token=83ff96335c2d45a094df02a206a39ff4](https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-024240956A1051258?access_token=83ff96335c2d45a094df02a206a39ff4)



As well as the advantage of being able to commence step out drilling sooner, the planned Dianne Initial MRE guided by the JORC 2012 reporting code is well progressed with Revolver anticipating release of these towards the end of Q1 2022.

### Near Pit and District Scale Program

Revolver has initiated an exploration program for Dianne pit to district scale leveraging historic exploration information, integrated with a systematic geologic mapping and geochemistry, with electrical geophysics survey and district scale high resolution drone magnetics (Figure 2)

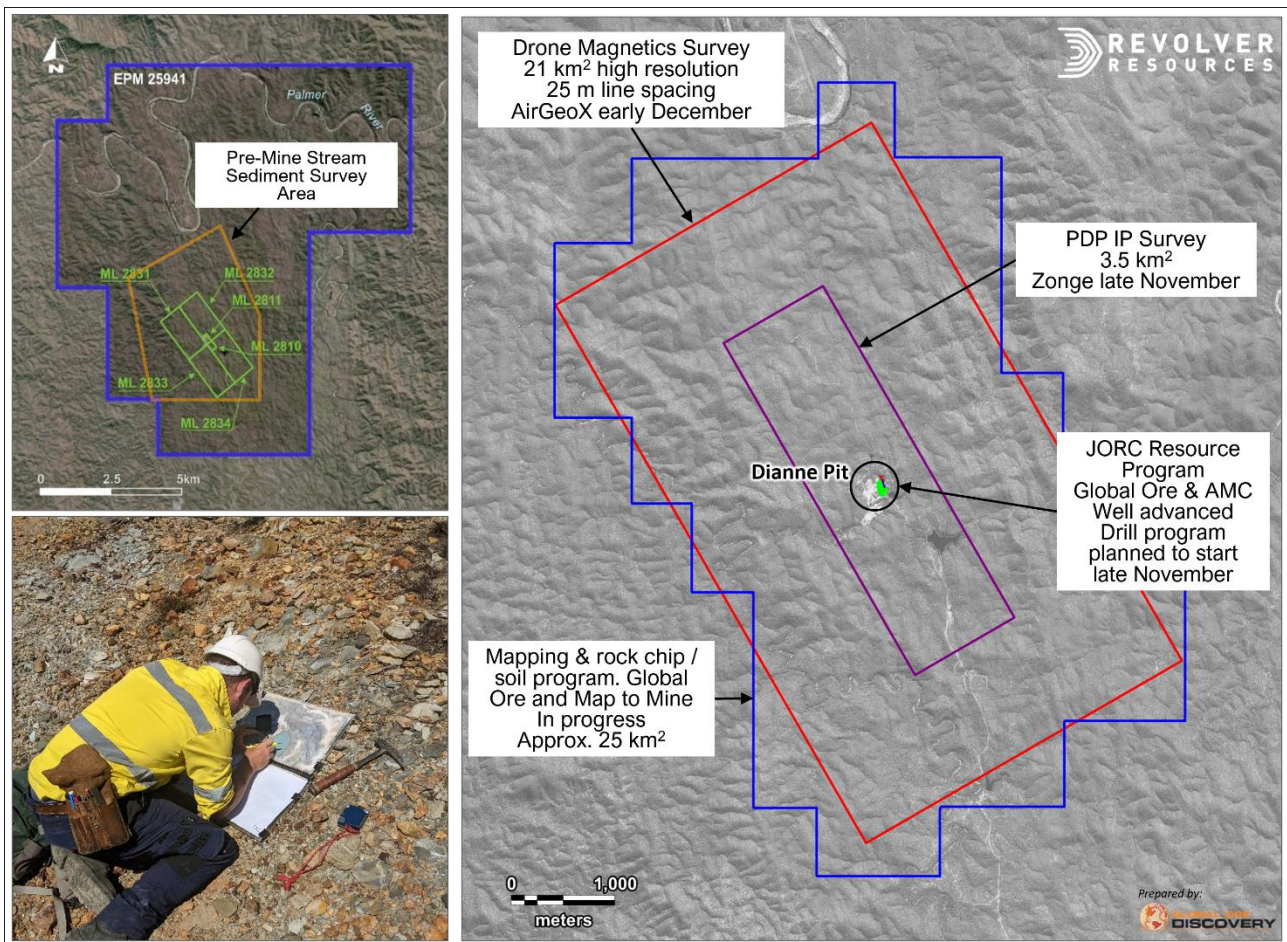


Figure 2: Planned exploration program and survey areas for Dianne historic mine to district scale programs

The geological mapping program is well advanced with detailed pit sampling improving understanding of the deposit class and controls on mineralization. This information will be fed into the geological model for the

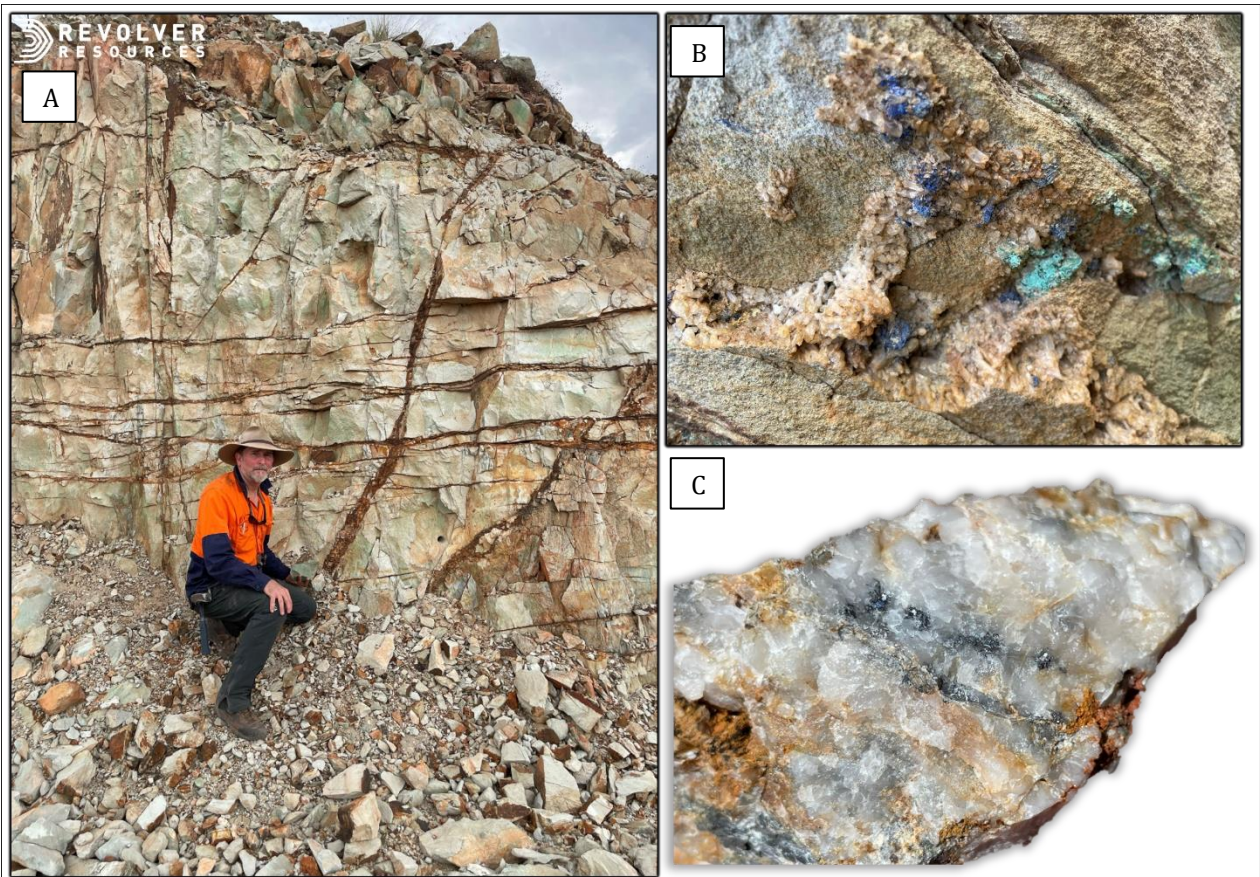




MRE, which guides the drill hole placement for the upcoming initial drill program and is informing the district scale exploration program.

Systematic rock channel and rock chip sampling is rapidly progressing from the near pit to district scale with sample teams collecting over 280 samples in the last 2 weeks. These samples are being submitted to for analysis in small batches minimise turnaround times for results. Systematic soil sampling of the district will commence this week.

Notwithstanding the challenges currently faced to secure service providers in the exploration industry, Revolver has locked its geoscience team along with high resolution drone mag and IP geophysics surveys for the November – December period and plans to commence the diamond drilling program at the project within the coming weeks.



**Figure 2: A) Gossanous vein stockwork in Green Hill zone of copper mineralisation**

**B) Blue – azurite, green – Malachite, secondary copper minerals in quartz vein, Dianne pit.**

**C) Quartz veining peripheral to Dianne copper deposit, with trails of galena – sphalerite, may potentially contain gold mineralisation – assays are pending.**



The comprehensive geology-driven approach to build the very first integrated district scale geological framework is delivering results for Revolver. This technical foundation has enabled the various historical ad-hoc field programs to be assimilated, evaluated and prioritised to further guide the new exploration activities. Revolver is the first company to undertake a thorough compilation of critical geological information for the Dianne district and is using this framework to shape the priority and scope of geological and geophysical exploration programs aimed at defining exploration targets for extensions and or repeats of the Dianne mineralization.

### **FORWARD ACTIVITY SCHEDULE**

A track mounted Sandvik DE710 diamond drill rig from DDH1 Drilling has been secured and is scheduled to arrive on site in mid November. The rig has a drill depth capacity up to 1000 meters for NQ core and will be immediately deployed to complete the remaining resource drilling scope before commencing the step-out growth related drill targets. Drilling will continue up until the end of 2021 and recommence as soon as possible in Q1 2022.

Zonge Engineering have been secured to complete a ground based Induced Polarization (IP) survey across the 2.5km extent of the visible trend of mineralization. A series of parallel lines up to 1km in length will transect the mapped regional structure trend as well as across some outcrop and newly mapped regions proximate to the mine pit. IP is a direct targeting method and Revolver expect to generate additional drill targets from the results of this work. The IP survey is scheduled to commence in late November and continue up until the end of 2021.

In conjunction with the ground IP, Revolver has additionally locked in a detailed 21 sq km drone based airborne magnetic survey to be completed by Air Geo-X. This survey will be undertaken from early December and provide very high resolution magnetic imagery to further assist in the identification of sub-surface structures and geological setting of the deposit.

Upon completion of a series of initial deep diamond drill holes under the existing Dianne deposits, GAP Geophysics have been secured to undertake a series of downhole electromagnetic (DHEM) surveys. These DHEM surveys will allow Revolver to obtain off-hole detection of possible sulphide mineralization. The DHEM scope of work is scheduled to be completed in mid to late January 2022.

Further outboard from the initial areas of work activity, Revolver has tasked the WorldView3 satellite to acquire visible and short-wave infrared coverage of the entire Dianne tenement. This work will deliver high resolution visible imagery as a mapping base and infrared data to undertake detailed mineral mapping of the project to help target other potential alteration systems within the broader project footprint.



This announcement has been authorised by the Board of Revolver Resources Holdings Limited.

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**ABOUT REVOLVER RESOURCES HOLDINGS LIMITED**

Revolver Resources Holdings Limited is an Australian public company focused on the development of natural resources for the world's accelerating electrification. Our near-term focus is copper exploration in proven Australian jurisdictions. The company has 100% of two copper projects:

- 1) Dianne Project, covering six Mining Leases and an Exploration Permit in the proven polymetallic Hodgkinson Province in north Queensland, and;
- 2) Project Osprey, covering six exploration permits within the North-West Minerals Province, one of the world's richest mineral producing regions. The principal targets are Mount Isa style copper and IOCG deposits.

For further information

[www.revolverresources.com.au](http://www.revolverresources.com.au)

**Competent Person**

*The information in this report that relates to Exploration Results is based on, and fairly represents, information compiled by Stephen Nano, Principal Geologist, (BSc. Hons.) a Competent Person who is a Fellow and Chartered Professional Geologist of the Australasian Institute of Mining and Metallurgy (AusIMM No: 110288). Mr Nano is a Director of Global Ore Discovery Pty Ltd (Global Ore), an independent geological consulting company. Mr Nano has sufficient experience that 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 Nano consents to the inclusion in the report of the matters based on this information in the form and context in which it appears. Mr Nano owns shares of Revolver Resources.*

**Forward-Looking Statements**

*This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Revolver Resources Holdings Limited's planned exploration programme and other statements that are not historical facts. When used in this document, the words such as "could," "plan," "estimate," "expect," "intend," "may", "potential," "should," and similar expressions are forward-looking statements. Although Revolver Resources Holdings Limited believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.*

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