

# ENTERPRISE ACQUIRING MORE LAND AT MURCHISON PROJECT, NORTH OF CUE, WA

- ➤ Rights being acquired to 80km² Exploration Licence application covering northern extensions of structures hosting Cuddingwarra Au deposit and Cu-Zn mineralisation at Emily Well, 15km north of Cue in Western Australia
- > Tenement application covers highly prospective Archaean stratigraphy prospective for gold and copper-zinc deposits hidden under cover

#### **SUMMARY**

Enterprise Metals Limited ("Enterprise", ASX: ENT) is pleased to advise that has entered into an agreement to acquire the rights to Exploration Licence application 20/944. The tenement is located 15km north west of Cue, and 18km east north east of the Big Bell Gold Mine, in the Murchison Goldfields of Western Australia (Refer Figure 1).

The application covers ~80km² of Archaean greenstones and felsic volcanics which are prospective for orogenic Au and volcanogenic massive sulphide ("VMS") Cu-Zn deposits, and includes strike extensions of the gold mineralised Cuddingwarra, Mt Magnet and Emily Shear Zones and extensions of the Wattagee and Emily Well VMS mineralised horizons (Figure 1).

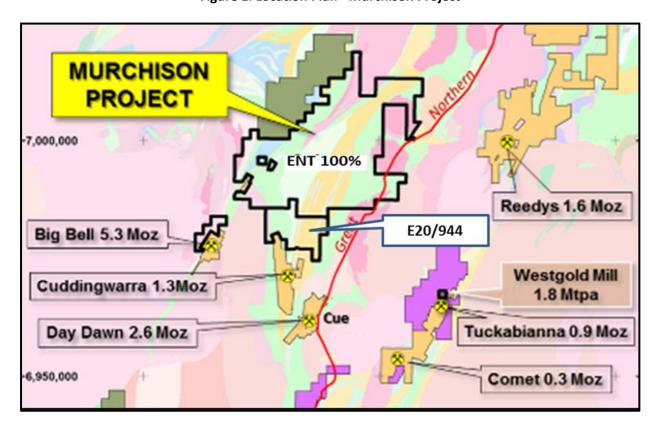


Figure 1. Location Plan - Murchison Project

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## **Summary of Agreement Terms**

Enterprise and the vendor have entered into a sale and purchase agreement regarding application for Exploration Licence 20/944. The key terms include:

- 1. At completion, Enterprise will acquire a 100% legal and beneficial ownership in the Tenement and Enterprise will issue to the vendor 3,571,428 fully paid ordinary shares in Enterprise at a deemed price of \$0.011 per share.
- 2. The vendor will provide assistance to Enterprise in procuring the grant of the Tenement and the transfer of the Tenement to Enterprise, and Enterprise will reimburse the vendor for any costs incurred in providing assistance to Enterprise;
- 3. Following the grant of the Tenement, the vendor will apply for Ministerial consent for the transfer of the Tenement to Enterprise and will hold the Tenement in trust for Enterprise and do all things necessary at the direction of Enterprise in order to ensure the Tenement is in compliance during the period in which the Tenement is held in trust.

## **Geological Setting**

The greenstone stratigraphy of the acquired Tenement includes felsic volcanics of the Greensleeves Formation and sediments, felsic volcanics and komatiitic basalts of the overlying Ryansville and Wattagee Formations, which all belong to the Archaean Murchison Supergroup.

In areas of outcrop to the south of the acquired Tenement, numerous historic gold workings are known to exist, including Westgold's Cuddingwarra gold mines, from which New Hampton mined approximately 5.7 Mt at 2.5g/t Au for 460,000oz.

The combination of favourable host rocks, large scale alteration systems, significant gold deposits and Cu-Zn intersections along strike and a complex of intersections, regional faults and shears make the Tenement a highly prospective area for orogenic gold and VMS copper-zinc deposits.

#### **Next Steps**

Enterprise considers the tenements can be quickly and effectively tested using modern airborne geophysics, in combination with modern advanced multielement geochemical tools utilizing historical drill spoil from broad spaced historical gold exploration drill programs.

Enterprise initially plans to fly a detailed airborne magnetic/radiometric survey on 50m line spacings to delineate the bedrock geology and brittle/ductile structures that could host large scale gold deposits. Following a litho-structural interpretation of the geophysical data and a target selection process, and the grant of the Tenement, focused aircore drilling traverses will be undertaken to test below the transported cover for regolith hosted gold mineralisation.

**Dermot Ryan - Director** 

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#### **Competent Persons statement**

The information in this report that relates to Exploration Results is based on information compiled by Mr Dermot Ryan, who is an employee of Xserv Pty Ltd and a Director and security holder of the Company. Mr Ryan is a Fellow of the Australasian Institute of Mining and Metallurgy and a Member of the Australian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Ryan consents to the inclusion in this report of the matters based on information in the form and context in which it appears.