

## Acquisition of 190km<sup>2</sup> of Mt Ida Greenstone Belt Prospective for Gold, North of Kalgoorlie, WA

- Tenements acquired covering 190km<sup>2</sup> in Eastern Goldfields, WA
- Project lies midway between Mt Ida and Davyhurst gold mining centres
- Stratigraphy and structure prospective for gold, under cover and under-explored

### SUMMARY

Enterprise Metals Limited (“Enterprise”, ASX: ENT) is pleased to advise that it has entered into an agreement to acquire a 90% interest in the Ballard Project, comprising granted Exploration Licences 30/472 and 29/991, located 150km NNW of Kalgoorlie, and 60km north of Eastern Goldfields Limited’s (“EGF”) Davyhurst operation, in the Eastern Goldfields of Western Australia (Figure 1).

The Project covers 190km<sup>2</sup> of Archaean greenstones prospective for orogenic gold and includes approximately 38km strike of greenstone sandwiched between the Ida Fault and Ballard Shear Zone, both first order structures with potential to focus gold mineralization into proximal subsidiary structures.

Commenting on the acquisition, Enterprise’s managing director Dermot Ryan said:

*“Enterprise considers the area of the tenements to be highly prospective for Au, with prospective shear structures hidden under thin transported cover. The proximity to new production facilities is also a positive for the package.”*

### Summary of Agreement Terms

Enterprise and Bruce Legendre have entered into a sale and purchase agreement for Exploration Licences 30/472 and 29/991. The terms include:

- Enterprise has agreed to purchase a 90% legal and beneficial interest in the tenements and all associated mining information, (“Sale Interest”) and
- form an unincorporated exploration joint venture called the Emerald Joint Venture where ENT will have a 90% interest and Legendre a 10% interest and ENT will be manager of the Joint Venture, and
- ENT will sole fund all Joint Venture Activities on the Tenements until the date when ENT delivers to Legendre a Bankable Feasibility Study.

As consideration for the sale of the 90% interest in the Tenements, ENT will issue to Legendre or his nominee 3 million fully paid ordinary shares in ENT (with a deemed value of \$60,000) which must occur no later than 5 business days after the date of execution, and

- the Sole Funding Period by ENT will commence on the date of Completion, and
- both parties have reciprocal pre-emptive rights.

### Location & Geological Setting

The Ballard Project tenement package is located between the historical production centres at Mt Ida (30km to the north), Riverina-Mulline (35km to the south) and Davyhurst (with a 1.2Mtpa mill currently operating) 65km to the south (Figure 1).

The tenements straddle the terrane boundary (the Mt Ida Fault) between the Barlee Domain of the Southern Cross Province and the Coolgardie and Ora Banda Domains of the Eastern Goldfields Province of the Yilgarn Craton, Western Australia. A second major shear zone, the Ballard Shear (a northerly extension of the Zuleika Shear) separates the Coolgardie and Ora Banda Domains.

Within the Coolgardie Domain the geology comprises komatiitic ultramafics, basalts and minor sedimentary units, with gabbro sills emplaced along lithological contacts (refer Figure 2 for surficial geology and Figure 3 for magnetic image). The Ora Banda domain comprises granitic gneisses, and the Barlee Domain comprises thin basalt, ultramafic and sedimentary units. The Ida Fault has been intruded by a series of granite bodies, including small stocks cutting across the major structures and lithology.

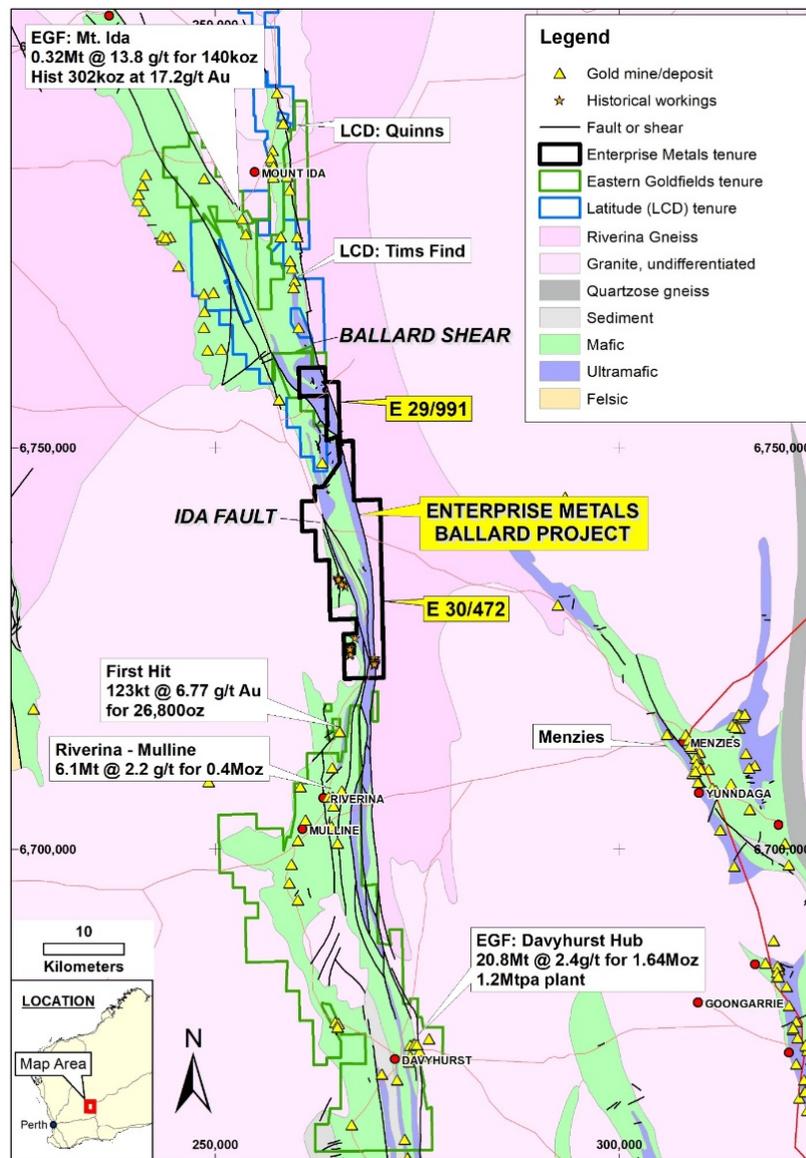
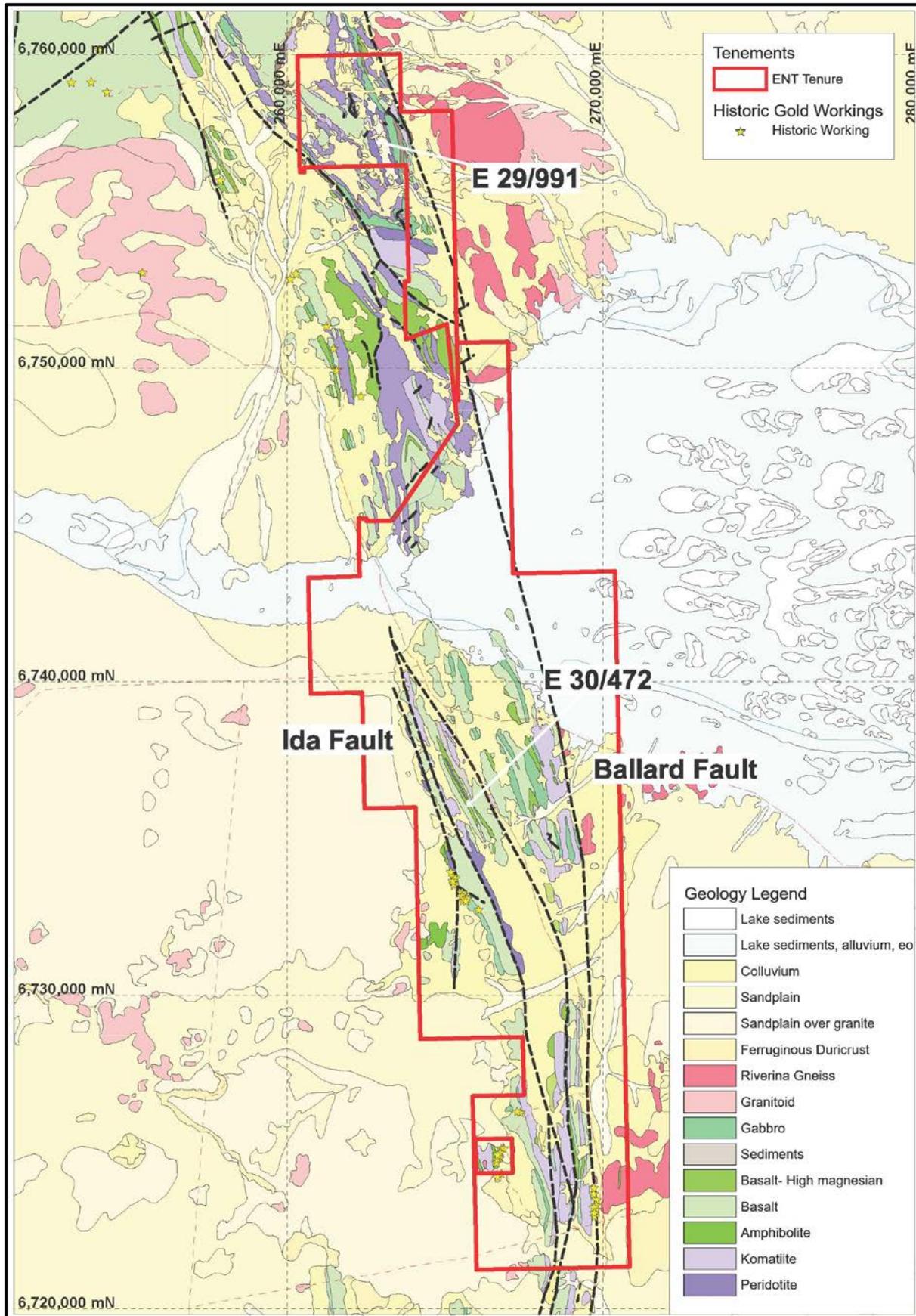


Figure 1. Location Plan – Ballard Project and nearby historical and current mines



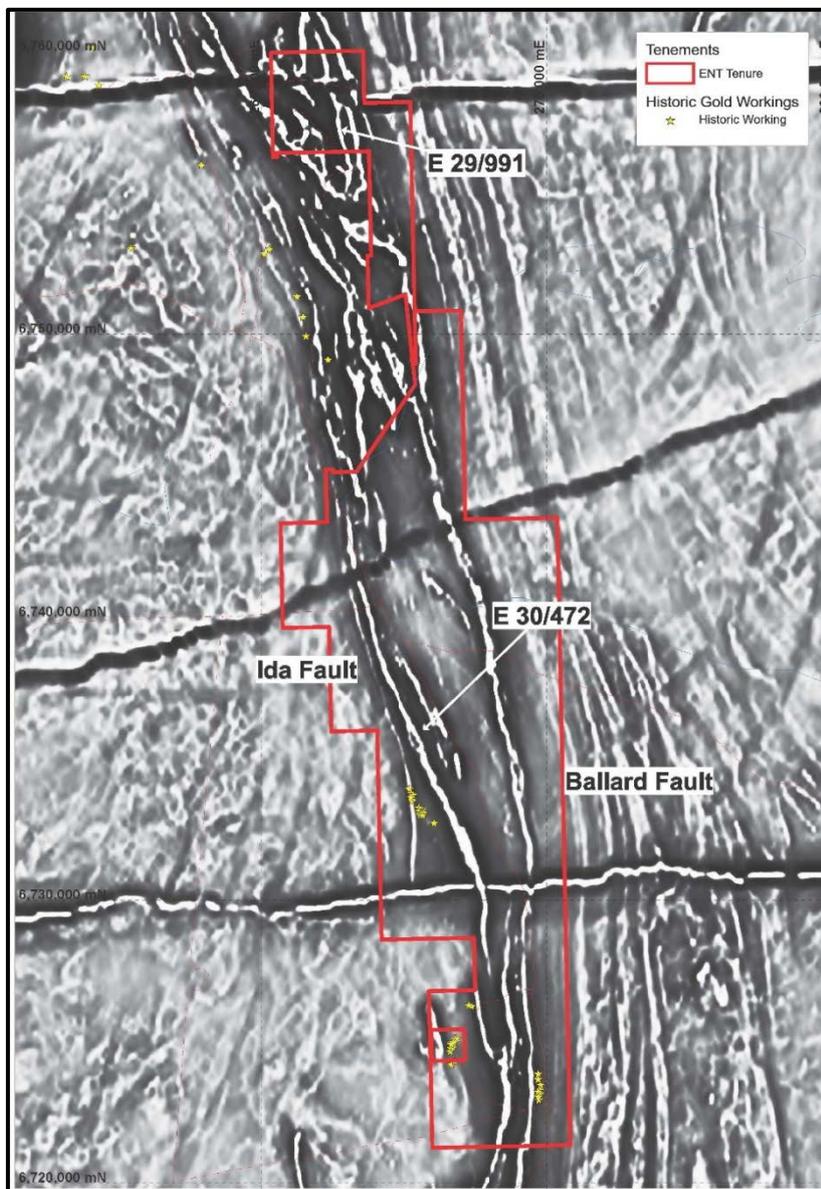
For personal use only

**Previous Exploration**

While gold mining and exploration has been undertaken in the area since the early 1900’s, modern exploration only commenced in the early 1970’s, with a focus on nickel hosted in the extensive komatiitic ultramafic units within and to the north and south of the tenements. Numerous gossans with anomalous Ni and Cu assays were located in ultramafics along the eastern edge of the tenements, although no Ni sulphides were located in the tenement area.

However, Ni sulphides were discovered by CRA Exploration Pty Ltd, and subsequently explored by Mt Kersey Mining, at the Cullen’s Prospect, located 5km north of E29/991 (WAMEX Item 14833).

Gold exploration within the tenement area has largely comprised soil sampling, generally with a focus around old historical gold workings, or in some cases, on areas identified from early regional stream sediment sampling programs. Compilation of historical data indicates that while several surface geochemical anomalies have been identified, only two small, gold focussed drill programs have been completed within the tenement area.



**Figure 3. Ballard Project over 1<sup>st</sup> VD Magnetic Image**

For personal use only

## Next Steps

Enterprise's review of the historical exploration data indicates several gold in soil anomalies warranting follow up work. The Company's immediate focus will be to capture the historical soil sampling and drilling in digital form (the bulk of the historical work is presented as plans and sections in historical reports, and not in digital databases) and confirm the historical work, both in location and tenor of mineralization, before planning extension and/or infill sampling and RAB/Aircore drilling.

### Further information, contact:

Dermot Ryan  
Managing Director  
+61 8 6381 0392

Email: [admin@enterprisemetals.com.au](mailto:admin@enterprisemetals.com.au)

### 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 Fellow 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.*

### References

WAMEX Item 14833