

10 August 2016 ASX Announcement ASX Code: EAR

# ECHO SIGNIFICANTLY ADDS TO YANDAL FOOTPRINT

## **HIGHLIGHTS**

- Echo has acquired a 70% interest in tenement applications over an additional 215 km² of prime Yandal exploration ground.
- New tenure includes two shallow gold deposits; Lowlands and Slav Well as well as a number of other prospects with multiple historic gold intersections.
- The tenement applications sit immediately south of and complement Echo's existing large landholding creating a significant contiguous Yandal Greenstone Belt exploration area of approximately 915 km<sup>2</sup>.
- Exploration activities will commence immediately when all required approvals are in place.

Echo Resources Limited ("Echo" or "the Company") is pleased to advise that it has entered into a purchase agreement to acquire a 70% beneficial interest in four exploration licences located adjacent to existing large prospective Yandal tenement holdings. The exploration licences (E53/1729, 1742, 1759 and 1890) cover approximately 215km² and contain a number of historic gold workings which include gold deposits within the Yandal Greenstone Belt (see Figure 1).

The Company acquired the interests from Sorrento Resources Pty Ltd, with transaction terms as follows:

- Echo to receive 70% interest in four tenement applications;
- Vendor to receive one million fully paid Echo shares;
- Vendor to be reimbursed for previous expenditure of \$135,000; and
- Vendor's 30% interest to be free carried to Bankable Feasibility Study, after which the vendor can elect to contribute to maintain equity or dilute.

Mr. Simon Coxhell, CEO of Echo, commented: "The new tenement area contains within it multiple historic gold intersections, a JORC (2004) Inferred Mineral Resource estimate in excess of 30,000 ounces¹ and untested greenstone-granite contacts which substantially add to the Echo land package. Our clear focus is to complete the BFS for Julius in 2016 while at the same time expanding the tenement package and developing multiple gold targets and resources. Once the new tenements are granted, exploration and development programs will commence."

#### **Project Geology**

Known gold mineralisation occurs in a variety of lithologies including granites, mafic rocks and felsic intrusives, and is commonly associated with ferruginous quartz veins. Locally the Project tenements overlie a northerly striking sequence of Archean greenstones, metasediments and volcanics flanked on either side by granitic rocks.

<sup>&</sup>lt;sup>1</sup> Refer to Artemis Resources Limited (ASX: ARV) ASX Announcement dated 2 February 2007 for full details and supporting information for previous public reporting of JORC (2004) Inferred Mineral Resource estimates and exploration results.



Mineralisation at Lowlands occurs mostly within the oxide zone and partially within the transition zone to a depth of approximately 50 metres and remains open at depth and along strike. The mineralisation is hosted within a northwest trending shear zone which reaches a thickness of 25 metres on some sections and has a low dip of 35 to 40 degrees to the southwest. Gold mineralisation is associated with several en-echelon tabular quartz bodies parallel to, and within, a highly sheared zone of altered and intensely weathered fine grained basalts with interspersed coarser grained dolerites.

The project area also includes the Lowlands prospect which hosts a JORC (2004) Inferred Mineral Resource estimate of 320,000t at 2.3 g/t Au for a contained 23,560 ounces and Slav Well host to 40,000t at 6.5g/t Au<sup>2</sup>. A number of other areas hosting gold mineralisation and associated with quartz veining are also within the tenement area, including Forked Stick which has an earlier intersection of 9m at 7.15 g/t Au<sup>2</sup>.

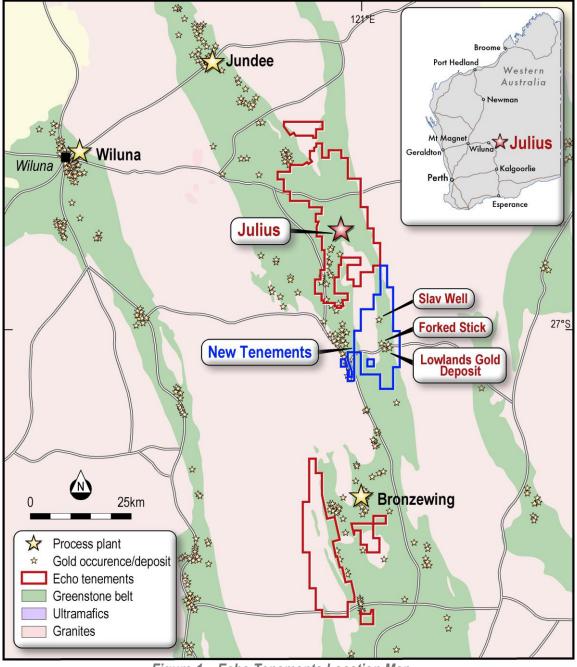


Figure 1 – Echo Tenements Location Map

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<sup>&</sup>lt;sup>2</sup> Refer to Artemis Resources Limited (ASX: ARV) ASX Announcement dated 2 February 2007 for full details and supporting information for previous public reporting of JORC (2004) Inferred Mineral Resource estimates and exploration results.



#### **Next Steps**

Echo anticipates receipt of first drilling results (aircore and reverse circulation) from the current program at Julius and metallurgical results from Julius samples submitted to the laboratory will be available for release by the end of August.

The Company recognises that persistent and focused exploration based on sound geological principles and using the latest technologies and concepts targeted on the prospective rocks and structures significantly increases the chance of exploration success. In line with this Echo will review the substantial existing dataset and advance prospect generation immediately while waiting on grant of the tenements, at which point a targeted exploration program will commence.

For further information please contact

Simon Coxhell, CEO

simon@echoresources.com.au

Office Phone +61 8 9389 8726

**Media Enquiries:** 

Citadel-MAGNUS

Michael Weir/Richard Glass Phone: +61 8 6160 4900



| Prospect     | Hole ID        | From | То  | Width | Gold     |
|--------------|----------------|------|-----|-------|----------|
| ,            |                | (m)  | (m) | (m)   | (g/t Au) |
| Lowlands     | ARUAR003       | 27   | 43  | 16    | 2.49     |
| Lowlands     | ARUAR003       | 46   | 47  | 1     | 3.57     |
| Lowlands     | ARUAR003       | 225  | 227 | 2     | 3.63     |
| Lowlands     | ARUAR004       | 30   | 31  | 1     | 1.76     |
| Lowlands     | ARUAR006       | 10   | 11  | 1     | 2.87     |
| Lowlands     | ARUAR011       | 42   | 44  | 2     | 13.6     |
| Lowlands     | ARUAR011       | 139  | 140 | 1     | 5.00     |
| Lowlands     | ARUAR013       | 25   | 26  | 1     | 3.11     |
| Lowlands     | YARC020        | 80   | 92  | 12    | 1.78     |
| Lowlands     | YARC023        | 54   | 60  | 6     | 1.56     |
| Lowlands     | YARC029        | 14   | 47  | 33    | 1.38     |
| Lowlands     | YARC029 (incl) | 28   | 37  | 9     | 3.33     |
| Lowlands     | YARC030        | 55   | 57  | 2     | 5.55     |
| Lowlands     | L068           | 9    | 31  | 22    | 2.56     |
| Lowlands     | L090           | 20   | 51  | 31    | 1.97     |
| Lowlands     | L098           | 12   | 28  | 16    | 2.51     |
| Lowlands     | LDW01          | 25   | 49  | 24    | 1.94     |
| Forked Stick | ARYARC014      | 95   | 97  | 2     | 2.85     |
| Forked Stick | ARYARC015      | 72   | 73  | 1     | 2.24     |
| Forked Stick | ARYARC015      | 75   | 80  | 5     | 12.2     |
| Forked Stick | BRC029         | 17   | 24  | 7     | 11.4     |
| Forked Stick | SNC17          | 20   | 24  | 4     | 1.05     |
| Sandalwood   | SWC049         | 4    | 6   | 2     | 9.87     |
| Sandalwood   | SWC049         | 11   | 12  | 1     | 1.14     |
| Sandalwood   | SWC049         | 27   | 28  | 1     | 1.98     |
| Erics        | ARYARC008      | 39   | 40  | 1     | 4.98     |
| Erics        | BRC037         | 44   | 48  | 4     | 1.14     |

Table 1: Previously Reported Significant Intersections from the Newly Acquired Tenement Package

Refer to Artemis Resources Limited (ASX: ARV) ASX Announcement dated 2 February 2007 for full details and supporting information for previous public reporting of historical estimates and exploration results.

#### **Competent Persons Statement**

The information in this announcement that relates to Exploration Results and metallurgical considerations is based on information compiled by Simon Coxhell, a Director of Echo Resources and a member of the Australasian Institute of Mining and Metallurgy. Mr Coxhell has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that they are undertaking 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 Coxhell consent to the inclusion in the report of the matters based on the information in the form and context in which it appears.

### **Forward Looking Statements**

This announcement may contain certain "forward-looking statements" which may not have been based solely on historical facts, but rather may be based on the Company's current expectations about future events and results. Where the Company expresses or implies an expectation of belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, forward looking statements are subject to risks, uncertainties, assumptions and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by such forward-looking statements. Such risks include, but are not limited to Resource risk, metals price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, as well as political and operational risks in the Countries and States in which we operate or sell product to, and governmental regulation and judicial outcomes. For a more detailed discussion of such risks and other factors, see the Company's Annual Reports, as well as the Company's other filings. Readers should not place undue reliance on forward looking information. The Company does not undertake any obligation to release publically any revisions to any "forward looking statement" to reflect events or circumstances after the date of this announcement, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.