

ASX / Media Announcement

29 August 2017

**Conglomerate Gold, and Cobalt/Gold and Copper.  
Karratha-West Pilbara - Western Australia**

**The 2017 Pilbara Economic Development Conference  
Tuesday, August 29th**

Artemis Resources Limited (“**Artemis**” or “**the Company**”) (**ASX:ARV**) is pleased to provide a copy of a presentation to be delivered at the **The 2017 Pilbara Economic Development Conference**, Hyatt Regency, Perth.

Edward Mead (Executive Director) will give the presentation at 11.30am in a session sponsored by Woodside Energy Limited.

The presentation is also available on the company’s website.

For further information visit [www.artemisresources.com.au](http://www.artemisresources.com.au) or contact:

**Investors / Shareholders**

Edward Mead

Executive Director

Telephone: +61 407 445 351

Email: [Ed.Mead@artemisresources.com.au](mailto:Ed.Mead@artemisresources.com.au)

**Artemis Resources Limited**

ARBN: 80 107 051 749

Level 3, IBM Building,  
1060 Hay Street,  
West Perth, WA  
Australia, 6006

PO Box R933  
Royal Exchange  
NSW  
Australia, 1225

Phone: +61 2 9078 7670  
Facsimile: +61 2 9078 7661  
Email:  
[info@artemisresources.com.au](mailto:info@artemisresources.com.au)  
Website:  
[artemisresources.com.au](http://artemisresources.com.au)

**Directors:**

**Executive Chairman**

David Lenigas

**Executive Directors**

Edward Mead

Alex Duncan-Kemp

**Company Secretary:**

Guy Robertson

**Corporate Information**

ASX Code: ARV



# **Artemis Resources Ltd**

## **ASX: ARV**

**Emerging High Grade Cobalt and Conglomerate Gold all  
within 40km of Processing Plant.**

**Conglomerate Gold, and Cobalt/Gold and Copper.**

Karratha-West Pilbara - Western Australia

**The 2017 Pilbara Economic Development Conference  
Tuesday, August 29th**



# Corporate Structure

<b>Issued Share Capital (at 28 August 2017)</b>	
Listed Ordinary Shares - ASX Code	<b>ASX: ARV</b>
Shares on Issue	439,617,496
Listed Options - ASX Code	<b>ASX: ARVO</b>
Listed Options (\$0.2, Expiry 30 Sept 2017)	33,908,329
Unlisted Options (\$0.15, Expiry 30 April 2020)	4,400,000
<b>Other Key Statistics</b>	
Market Capitalisation ( at A\$0.175 per share)	A\$ 75 million
<b>Top 20 Shareholders</b>	<b>~65%</b>

Sep 12, 2016 - Aug 25, 2017 • ARV



**For further information, please contact:**

**Edward Mead**  
**Executive Director**  
 +61 407 445 351  
[ed.mead@artemisresources.com.au](mailto:ed.mead@artemisresources.com.au)

**David Lenigas**  
**Chairman**  
[lenigas@monaco-capital.com](mailto:lenigas@monaco-capital.com)

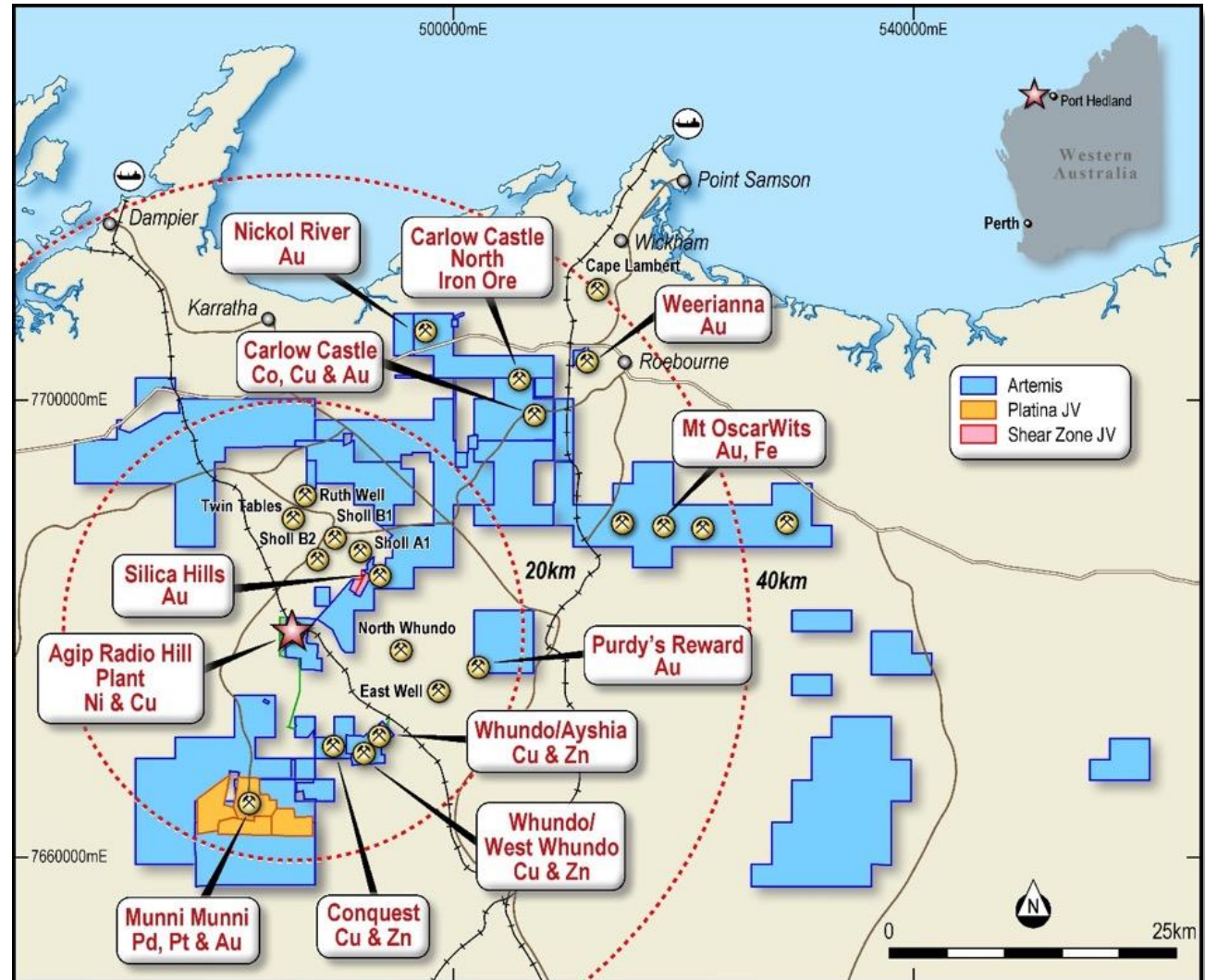
**Website:**  
[www.artemisresources.com.au](http://www.artemisresources.com.au)

# Novo Resources Corp Joint Venture

- **The Novo and Artemis Joint Venture**
  - Specifically for Conglomerate and Paleoplacer gold deposits within 82% of Artemis Resources' controlled or partial owned tenure within 100km of Karratha in the West Pilbara, Western Australia.
  - Novo to spend AUD\$2 million to earn a 50% interest in Conglomerate and Paleoplacer discoveries only.
- **Artemis received 4 million Fully paid Novo shares.**
  - Current market value of the shares at CAD\$4.49 is CAD\$17.96 million.
- **Mt OscarWits to remain 100% owned by Artemis.**
- **Radio Hill Processing Facility remains 100% owned by Artemis.**
  - The processing plant can be considered for use in the Joint Venture once a Conglomerate Gold or a Paleoplacer resource or reserve is delineated.

# Tenements

- Artemis's has interests in tenements covering 1,536 km<sup>2</sup>
- Novo Resources Corp Joint Venture for Conglomerate Gold and Paleoplacer Gold currently is on 38 tenements, 100% owned by Artemis, covering 1,256 km<sup>2</sup>





# Radio Hill Processing Plant

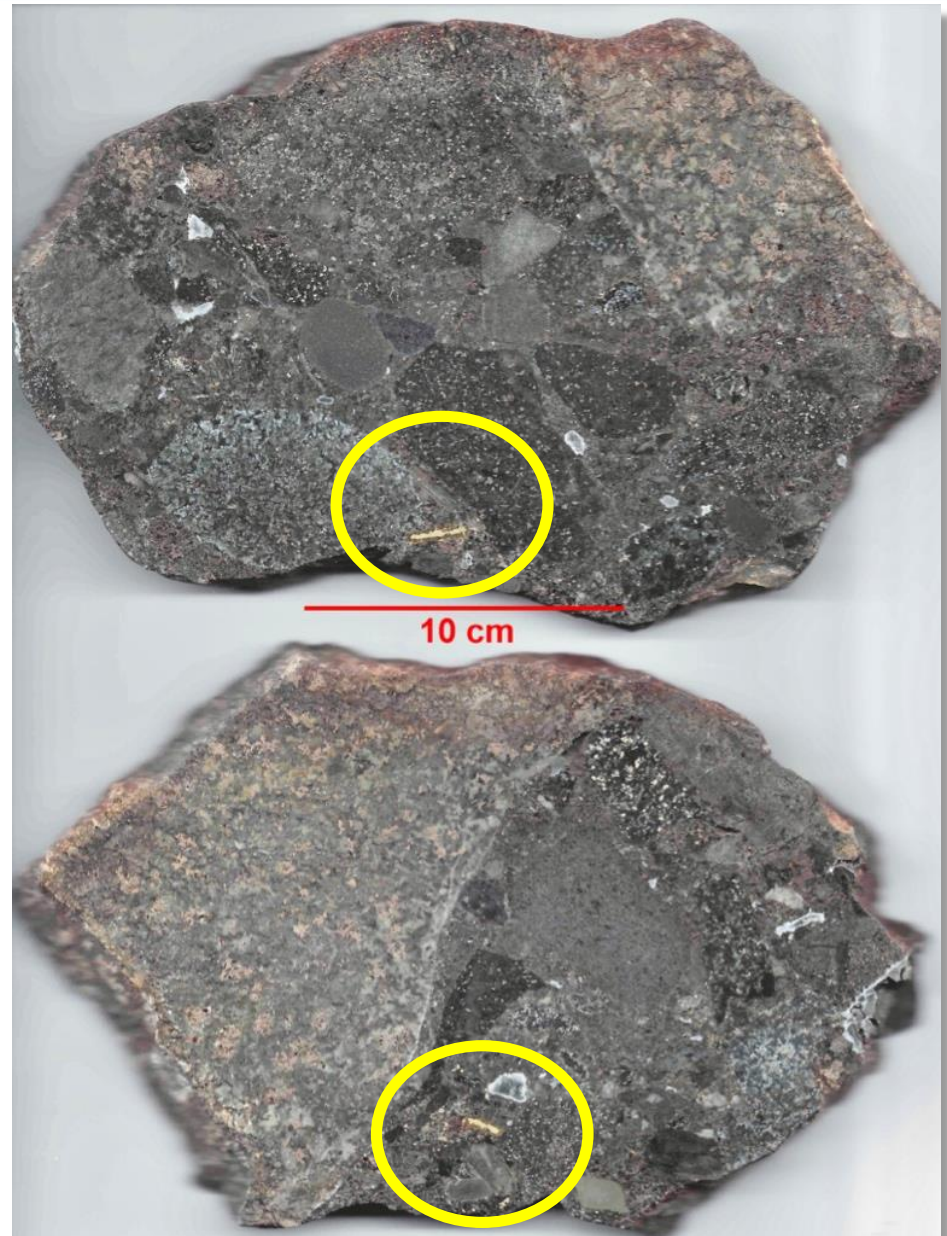
- 425,000 tpa capacity flotation plant.
- Full flotation refurbishment with gravity gold circuit estimated to cost \$5.25m.
- A substantial portion of this cost is the rewiring of the entire plant
- Refurbishment would take 6 months.
- First time the processing plant and resources in Karratha region have been consolidated in to one company.
- There are no other treatment plants in the Karratha area



425,000 tpa Radio Hill Treatment Plant – Karratha, WA

# Conglomerate Gold

- **The new buzz word in Western Australia is Conglomerate Gold.**
- Used to describe Witwatersrand style gold mineralisation.
- The water melon seed, flat nuggets are a feature of the deposit.
- The flat gold nugget within a finer mass between angular and rounded fragments of granite, basalt, pyroxenite and gabbro. (This sample is from the surface near Comet Well on Novo Corp tenement).
- Similar pieces of highly weather conglomerate with significant gold are outcropping at Purdy's Reward 2km to the north east.





# Conglomerate Gold Nuggets from Purdy's Reward

The water melon seed, flat nuggets are a feature of the deposit style.

The partially oxidised nature of Purdy's Reward allows retrieval of nuggets with a hand pick.





# Mt OscarWits Conglomerate Gold

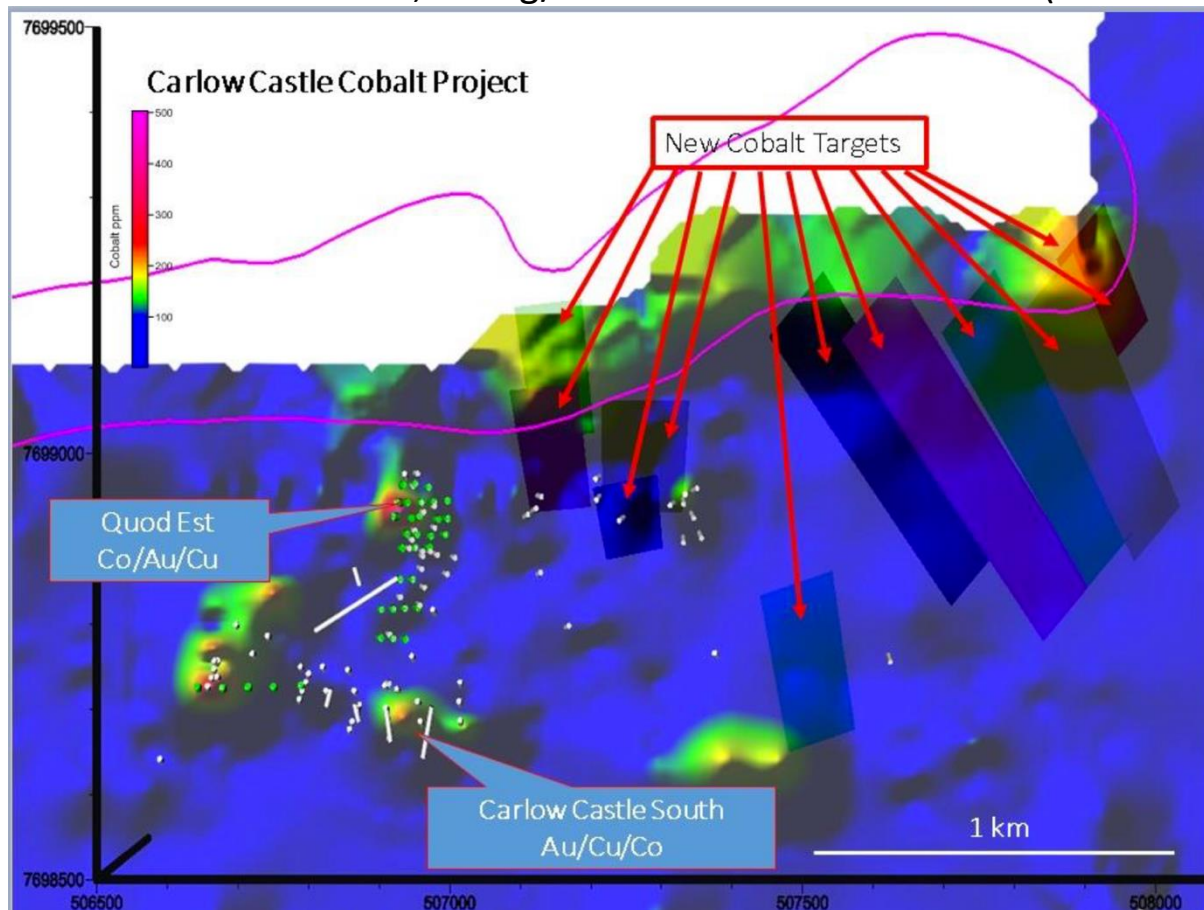
- Mt OscarWits is 100% owned by Artemis with no Novo participation.
- 75m thick stacked conglomerates with an east-west strike outcropping at Churnside Prospect.
- Approved 117.8km<sup>2</sup> Exploration Licence with heritage surveys.
- The distance from Fairmont Prospect in the west to White Quartz Hill Prospect in the east is mapped at 14km.
- A Programme of Work (“POW”) has been submitted for extensive exploration activities over the 14km of new gold bearing conglomerate sequences identified by Artemis geologists at the Mt OscarWits Gold Project - located 16km north-east of Purdy’s Reward.
- **Gold grades from rock chip samples of conglomerates up to:**
  - **21.5 g/t Au at Fairmont Prospect.**
  - **10.93 g/t Au at Churnside Prospect (Below).**
  - **6.38 g/t Au at White Quartz Hill Prospect.**



# Carlow Castle – Cobalt/Gold and Copper

- New cobalt targets identified over a 3.5km trend.
- Electromagnetic targets tie in with latest drilling.
- Multiple large potential sulphide targets identified.
- Major expansion of resource definition drilling planned.
- Programme of Works submitted to DMIRS.
- 6.5% Cobalt returned from recent drilling.

- Best RC drill intercepts at Quod Est of;
  - 6m at 1.9% Co, 3.4 g/t Au and 1.4% Cu from 52m (ARC006)
  - 6m at 1.8% Co, 13.9 g/t Au and 5.9% Cu from 41m (ARC033a)



The current Carlow Castle South JORC resource of **418Kt @ 3 g/t gold and 0.6% copper** also contains cobalt. The cobalt has not been estimated due to incomplete historical assays.

# Karratha Assets

- **Purdy's Reward** Conglomerate and Paleoplacer style gold:
  - Exploration is underway with Joint Venture partner.
- **Mt OscarWits** Conglomerate and Paleoplacer style gold:
  - indicated and inferred JORC Resource of 126Mt @ 33.8% Fe Head Grade.
- **Silica Hills** Gold:
  - High grade visible gold exposed in multiple quartz reef stock work systems.
- **Carlow Castle**, Gold and Copper Resources, Cobalt yet to be estimated:
  - Inferred Resource: 416Kt @ 2.9g/t Au, and 0.6% Cu, 40K oz Au and 2.5Kt Cu.
- **Weerianna**, Gold Resources:
  - Inferred Resource: 1Mt @ 2.2g/t Au, 70K oz Au
- **Munni Munni**, Australia's largest Platinum Group Element Resource:
  - Resource\*: 24Mt @ 2.9 g/t Platinum Group Element (PGE) + gold (1.4Mt Inferred, 9.8Mt indicated and 12.4Mt Measured) (0.83Moz platinum, 1.14Moz palladium, 152Koz gold and 76Koz rhodium).
- **Radio Hill Nickel/Copper Deposit**:
  - 4.02Mt @ 0.51% Ni and 0.88% Cu.
- **West Whundo Copper/Zinc Deposit**:
  - 1.7Mt @ 1.1% Cu and 0.94% Zn, with expansion potential.
  - 50,000 tonnes of oxide @ 1.5% Cu being sold to Whim Creek, with more sales envisaged.
- **Whundo and Ayshia Zinc Deposits**:
  - with Resources of 1.2Mt @ 1.93% Zn, with expansion potential.



# Resource Development – Value Proposition

## Objectives:

- Expand new conglomerate gold discoveries like Purdy's Reward.
- Advance other gold projects like Silica Hills.
- Rapidly advance Carlow Castle Cobalt/Gold/Copper Project.
- Monetise copper oxides at Whundo by selling to Whim Creek/Blackrock.
- Monetise resources in West Pilbara through the Radio Hill Processing plant.
- Munni Munni PGE deposit economic study.
- Active news flow to continue.

## What has changed?

- New Management added with proven development and operational experience.
- Acquisition of central Processing Plant.
- Focus on Conglomerate Gold (Novo earn-in and JV and Artemis' 100% Mt OscarWits).
- Focus on 100% owned Carlow Castle Cobalt/Gold/Copper exploration corridor.

## Disclaimer

This presentation has been prepared by Artemis Resources Limited (“ARV” or the “Company”). It should not be considered as an offer or invitation to subscribe for, or purchase any, securities in the Company or as an inducement to make an offer or invitation with respect to those securities. No agreement to subscribe for securities in the Company will be entered into on the basis of this presentation.

## Competent Person Statements

The information in this document that relates to Exploration Results and Exploration Targets is based on information compiled or reviewed by Edward Mead, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Mead is a Director of Artemis Resources Limited and is a consultant to the Company, and is employed by Doralda Pty Ltd. Mr Mead has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is 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 Mead consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

## Forward Looking Statements

This presentation contains forecasts, projections and forward looking information. Such forecasts, projections and information are not a guarantee of future performance and involve unknown risks and uncertainties, many of which are out of Artemis’ control. Actual results and developments will almost certainly differ materially from those expressed or implied. Artemis has not audited or investigated the accuracy or completeness of the information, statements and opinions contained in this presentation. To the maximum extent permitted by applicable laws, Artemis makes no representation and can give no assurance, guarantee or warranty, express or implied, as to, and takes no responsibility and assumes no liability for (1) the authenticity, validity, accuracy, suitability or completeness of, or any errors in or omission from, any information, statement or opinion contained in this presentation and (2) without prejudice to the generality of the foregoing, the achievement or accuracy of any forecasts, projections or other forward looking information contained or referred to in this presentation.

Throughout this presentation all figures are quoted in A\$ dollars unless otherwise stated. You should not act in reliance on this presentation material. This overview of the Company does not purport to be all inclusive or to contain all information which its recipients may require in order to make an informed assessment of Artemis’ prospects. You should conduct your own investigation and perform your own analysis in order to satisfy yourself as to the accuracy and completeness of the information, statements and opinions contained in this presentation before making any investment decision.

## Announcements referred to in Presentation

- ASX Announcement dated 13<sup>th</sup> February 2017 “High Grade Cobalt, Carlow Castle Project, Karratha Western Australia”
- ASX Announcement dated 16<sup>th</sup> December 2016 “To Purchase Fully Permitted Radio Hill Plant and Resources”
- ASX Announcement dated 26<sup>th</sup> June 2016 “Acquisition of Gold Deposit to Kickstart Pilbara Exploration”
- ASX announcement dated 5 August 2015 “Artemis to earn majority interest in Australia’s largest Platinum project”
- ASX Announcement dated 9<sup>th</sup> January 2017 “Artemis Commences Work at Weerianna Gold Project”
- ASX Announcement dated 24<sup>th</sup> April 2017 “6.54% Cobalt in drilling results- Carlow Castle”
- ASX Announcement dated 8<sup>th</sup> May 2017 “Excellent Cobalt and Gold Results- Carlow Castle Drilling”
- ASX Announcement dated 10<sup>th</sup> July 2017 “Cobalt Update - Carlow Castle Project”

In accordance with Listing Rule 5.23.2, Artemis confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcement referred to above, and that in the case of mineral resources that all material assumptions and technical parameters underpinning the estimates in the announcement referred to continue to apply and have not materially changed.