

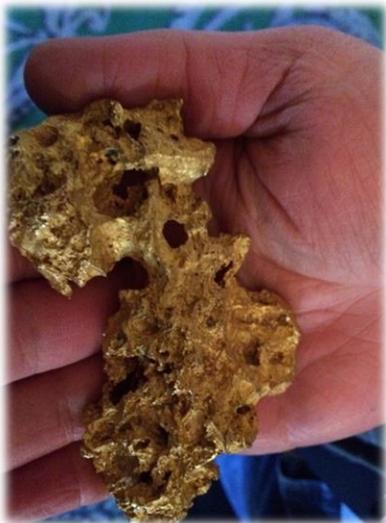
Artemis Resources Limited

ASX: ARV

Australian focused Mining Exploration and Development

Gold, Nickel, Cobalt, Copper, Zinc, Platinum, Iron Ore

Karratha – West Pilbara -Western Australia



Gold Nugget, Karratha, WA

Investor Update



13 February 2017

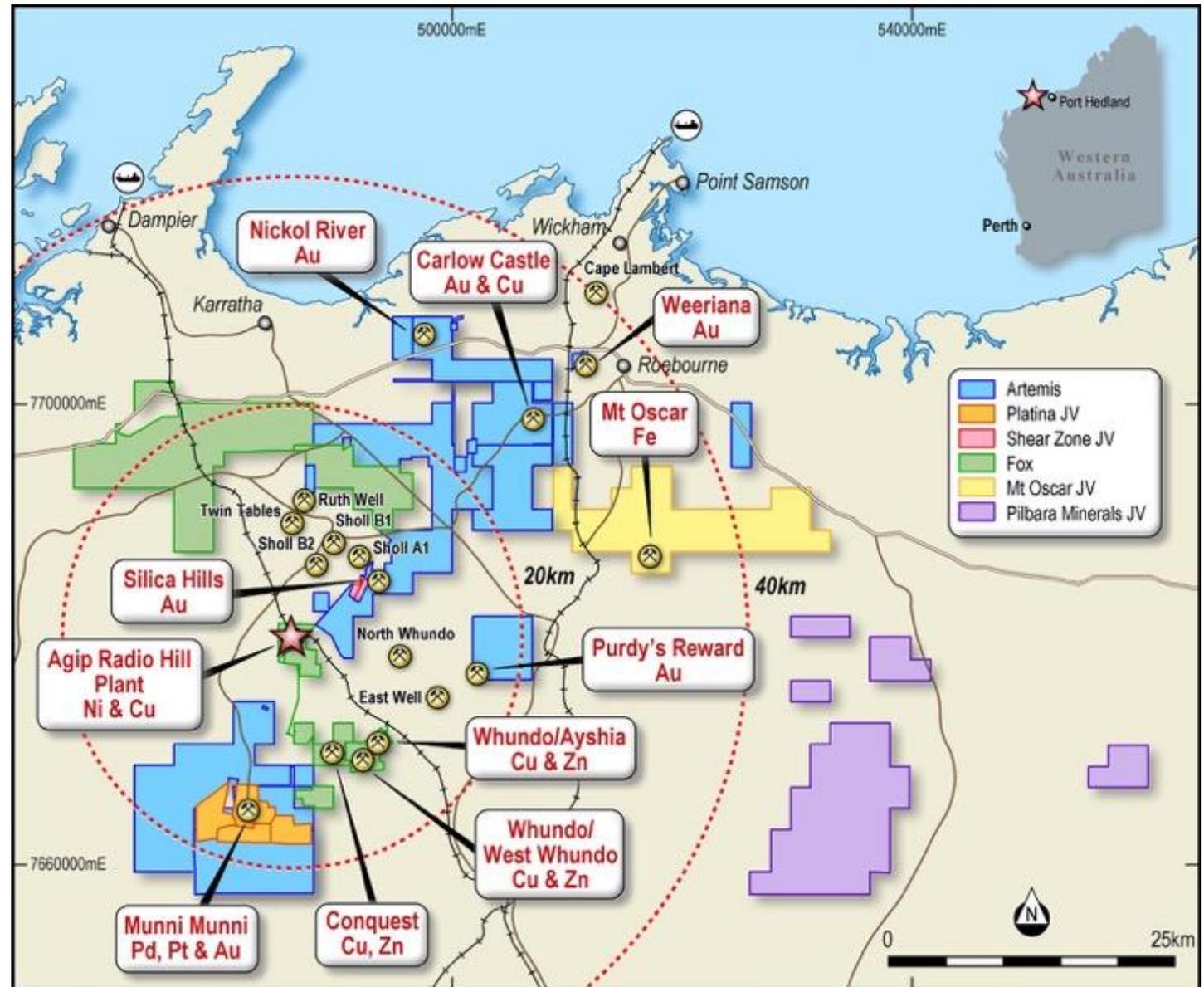
Why Artemis Resources?

“FAST GROWING AUSTRALIAN RESOURCES COMPANY”

- Large tenement package in Karratha Region, Western Australia.
- Gold, Nickel, Copper, Cobalt, Zinc, Platinum and Iron Ore.
- 110,000 ounces of Gold in Resources at Weerianna and Carlow Castle - **GROWING**
- Commencing gold production at Nickol River in Q2 2017.
- Carlow Castle Cobalt Project – drilling grades over 1% Cobalt.
- Largest Platinum resource in Australia at Munni Munni.
 - Resource: 24 Mt @ 2.9 g/t Platinum Group Element (PGE) + gold (1.4 Mt Inferred, 9.8 Mt indicated and 12.4 Mt Measured) (0.83 M oz platinum, 1.14 M oz palladium, 152 K oz gold and 76 K oz rhodium).
- Option deal signed in December to acquire fully approved 425,000 tpa Radio Hill Nickel/Copper mine, plant and extensive Ni, Cu and Zn resources for \$3.5 million.
- Mt Clement-Paulens Gold Project (Ashburton Region, WA)
 - Resources (JORC 2004) already identified of 1.1 Million tonnes (Mt) @ 1.77 grams/tonne gold (g/t Au) and 17 grams per tonne Silver (g/t Ag) for a contained 64,400 ounces (oz) Au and 618,500 oz Ag.

Overview – Advanced Karratha Projects

- Consolidation of Gold, Nickel, Copper, Cobalt, Zinc, Iron Ore in Karratha Region of Western.
- Tenements covering 938 km².
- Mining studies to be undertaken at Munni Munni (Pt/Pd).
- Mining to commence at Nickol River (gold).
- Mining studies to be undertaken to re-commence Ni/Cu/Co production at Radio Hill.



Artemis's large tenement position in Karratha, WA (Incl. Radio Hill acquisition)

Karratha Mining & Exploration Assets

- **Artemis is the largest licence holder in the Karratha Region of Western Australia.**
- Gold and Copper Resources at **Carlow Castle**:
 - Inferred Resource: **416 Kt @ 2.9g/t Au, and 0.6% Cu, 40 K oz Au and 2.5 Kt Cu**
- Gold Resources at **Weerianna**:
 - Inferred Resource: **1Mt @ 2.2g/t Au, 70 K oz Au**
 - Trenching to increase resource quantity and category started on the 8th January 2017.
- **Nickol River Gold Project**:
 - 150 tonne per hour gold plant at Nickol River in Q2 2017, located only 12km from Karratha.
 - Artemis has identified significant areas at Nickol River at depths of between 2 to 6 metres that would potentially be amenable to bulk scale mining and processing.
 - Substantial amount of previous geological and mining work completed that is all pre JORC.
- New Gold Discovery **Silica Hills**:
 - High grade visible gold exposed in multiple quartz reef systems.
- New Gold Discovery at Purdy's Reward.

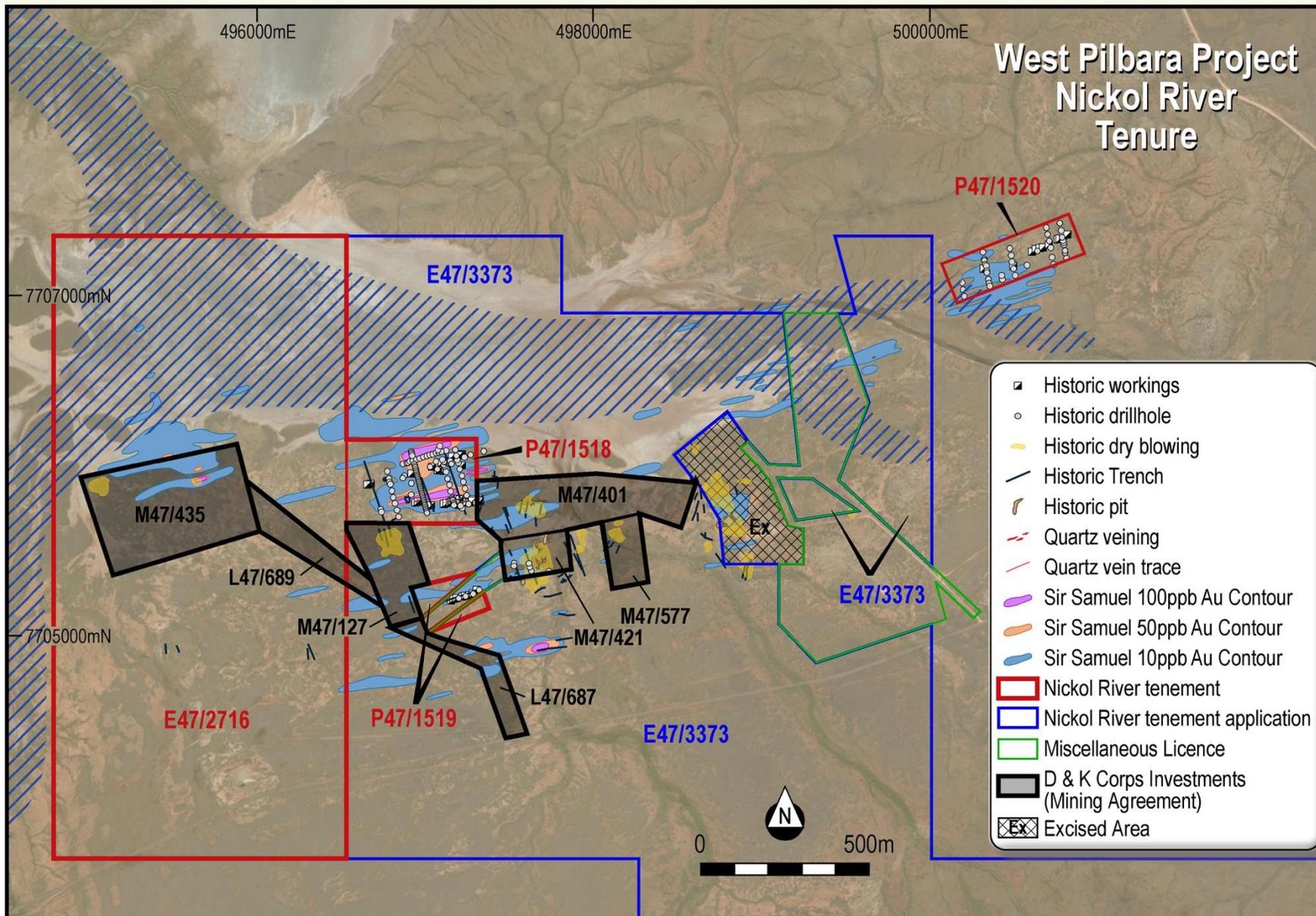
Nickol River Moving to Gold Production

- Located only 12 km from Karratha, Western Australia.
- 150 tonne per hour gravity plant.
- 3,000 tonnes per day capacity.
- Commencing trial gold production at Nickol River in Q2 2017.
- 1,500 hectares of tenements.
- Historic 1980's production ranged from 0.15 g/t Au – 0.33 g/t Au recovered.



Mobile 1200-XT Gravity Gold Plant on order

Nickol River – Planned Mining Area

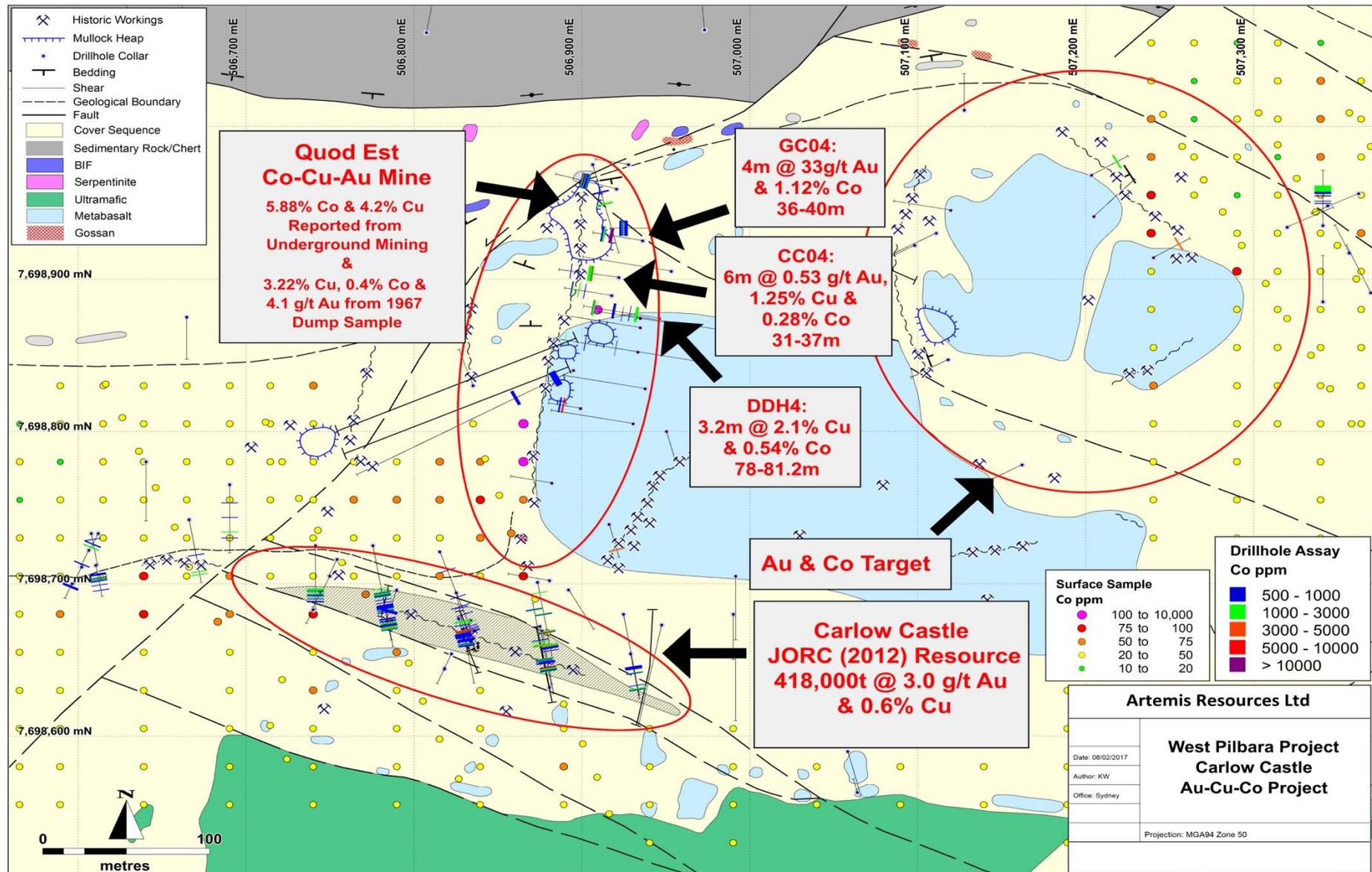


Carlow Castle – Cobalt/Copper/Gold

High grade Cobalt grades above 1% identified in primary sulphide ore at Carlow Castle Copper/Gold Project.

- Drill hole GC04 intersected **4 metres at 33.6g/t gold and 1.12% Cobalt** from 36 metre downhole.
- Drill hole DDH4 intersected **3.2 metres at 2.1% copper and 0.54% cobalt** from 78m downhole.
- Up to **5.88% cobalt and 4.2% copper** recorded from historic underground mining at the Quod Est Mine.
- Quod Est Mine at Carlow Castle waste dump samples from mine workings taken in 1967 averaged **3.22% copper, 0.4% cobalt and 4.1 g/t gold**.
- Strong correlation between gold, copper and cobalt mineralisation.
- The current Carlow Castle JORC resource **of 418Kt @ 3 g/t gold and 0.6% copper** also contains cobalt. The cobalt has not been incorporated into the resource.
- The Carlow Castle resource remains open in all directions.

Carlow Castle – Cobalt/Copper/Gold



Deal to Acquire Radio Hill Ni/Cu/Co Mine

NEW ACQUISITION:

ARTEMIS: OPTION SIGNED TO ACQUIRE THE AGIP RADIO HILL MINE PROCESSING PLANT FOR A\$3.5 MILLION

RESOURCES OF NICKEL, COPPER, ZINC.

“FIRST TIME THE PROCESSING PLANT AND RESOURCES IN KARRATHA REGION HAVE BEEN CONSOLIDATED IN TO ONE COMPANY.”



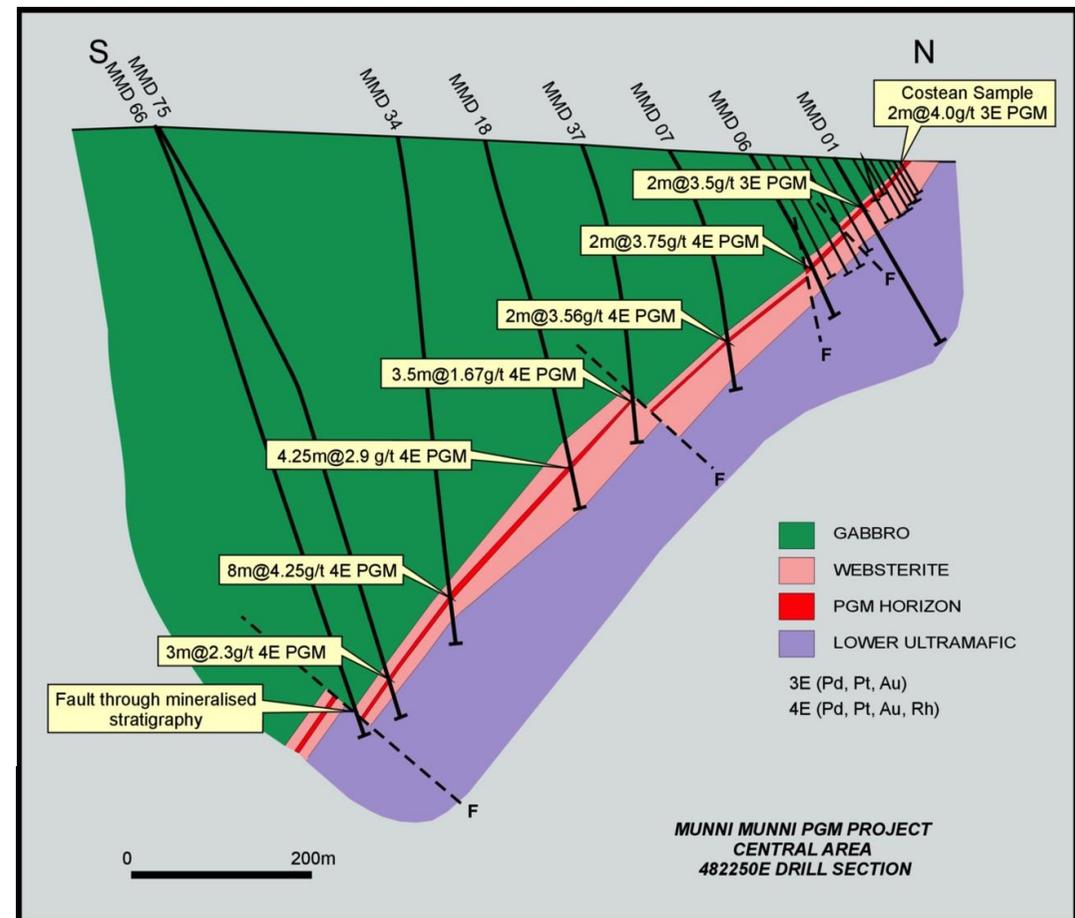
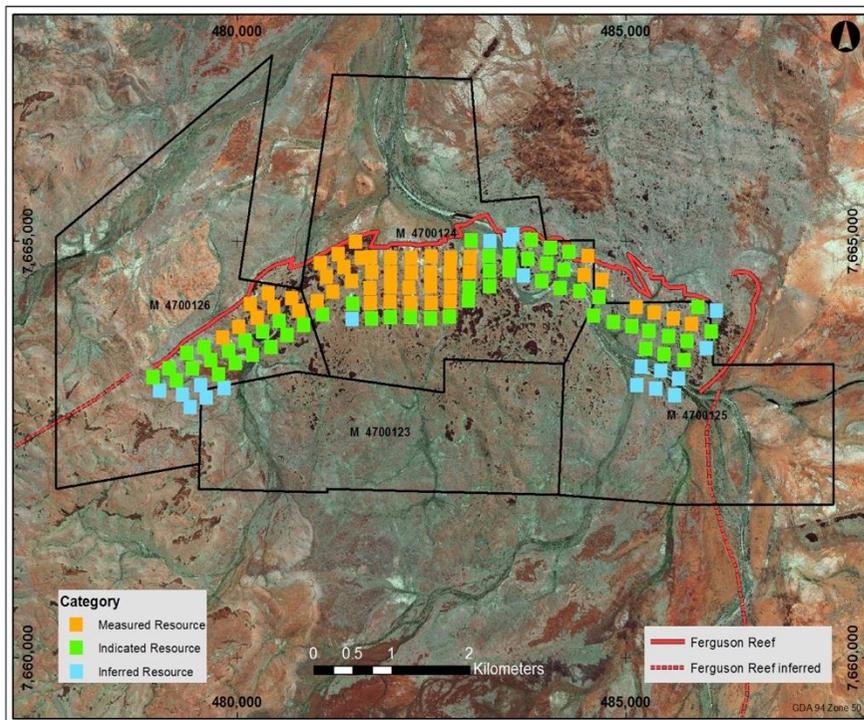
425,000 tpa Radio Hill Treatment Plant – Karratha, WA

Radio Hill Assets to be Purchased

- Fully permitted **Radio Hill** mining operations and associated infrastructure, 35 Km south of Karratha.
- Importantly, includes the 425,000 tpa Radio Hill nickel and copper processing plant, tailings storage facility, administration and maintenance buildings and fully developed underground mine, which was originally built by AGIP and placed on care and maintenance by Fox in 2008.
- Radio Hill resource of **4.02 Mt grading 0.51% Ni and 0.88% Cu**, with significant exploration potential.
- Fox tenements covering 495 km², which increase's Artemis's tenement holding to 938 km².
- Whundo West Copper/Zinc Deposit of **1.7 Mt grading 1.1% Cu and 0.94% Zn**, with expansion potential.
- Whundo Ayshia Zinc Deposit with Resources of 1.2 Mt grading 1.93% Zn, with expansion potential.
- Acquisition includes:
 - Fox interest in the Mt Oscar Joint Venture with Magnetite Resources totaling **126 Mt @ 33.8% Fe**.
 - Fox interest in the Pilbara Minerals Limited (ASX: PLS) Joint Venture which is prospective for nickel, copper and zinc.

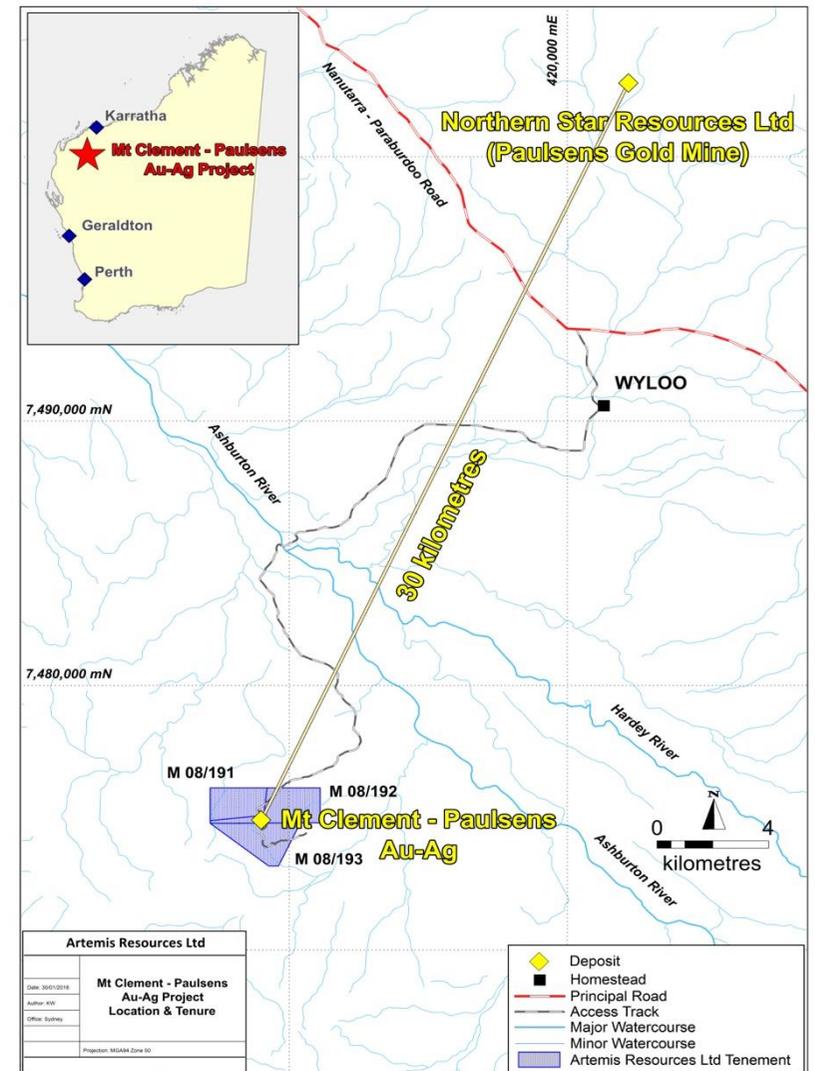
Munni Munni - Platinum and Palladium

- Platinum Group Element Resources at Munni Munni:
 - Munni Munni is the largest PGE Resources in Australia
 - Resource*: **24 Mt @ 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**).



Mt Clement-Paulsens Gold Project

- Exploration programme and metallurgical test work to commence on the Mt Clement-Paulsen's Gold Project located only 30km south of Northern Star Resources' Paulsen's Gold Mine.
- Current identified Inferred Resource (JORC 2004) already identified of 1.131 Million tonnes (Mt) @ 1.77 grams/tonne gold (g/t Au) and 17 grams per tonne Silver (g/t Ag) for a contained **64,400 ounces (oz) Au** and **618,500 oz Ag** mineralisation open at depth and along strike.
- **Gold Recoveries of oxides average 97%.**
- Mining Leases cover the identified gold resource which have been native title cleared.
- Mining Leases with an area of 8.2km² : 80% owned by Artemis with Northern Star Resources owing 20% under a joint venture agreement.



Resource Development – Value Proposition

Objectives:

- Gold production at Nickol River (Karratha) Q2 2017.
- Increase size of Weerianna Gold Deposit from 70,000 oz gold.
- Rapidly advance Carlow Castle Cobalt/Gold/Copper Project.
- Monetise resources in West Pilbara – Purchase of Radio Hill Mine and Processing plant.
- Develop a gold mine at Mt Clement-Paulsens (Ashburton Region).
- Enlarge Munni Munni PGE deposit.
- Expand on new gold discoveries at Silica Hills and Purdy's Reward
- Active news flow in 2017.

What has changed?

- New Management added with proven development and operational experience.

Board of Directors

	<p>David Lenigas - Executive Chairman</p> <p>Mr Lenigas is an experienced mining engineer with significant global resources and corporate experience, having served as executive chairman, chairman, and non-executive director of many public listed companies in London, Canada, Johannesburg, and Australia. In recent years, Mr Lenigas was the Executive Chairman of London listed lithium investment company Rare Earth Minerals Plc, which has been responsible for providing significant funding for the development of the large Sonora Lithium Project in Mexico and the Cinovec Lithium Project in the Czech Republic. He is currently non-executive director of Canadian listed Australian company Macarthur Minerals, whose major shareholder is Rare Earth Minerals Plc. Mr Lenigas was also, until recently, the Executive Chairman of London listed UK Oil & Gas Investments Plc, which was responsible for the new Horse Hill oil discovery near London's Gatwick International Airport that flowed on test a UK onshore record of 1,688 barrels of oil per day. He is now the Executive Chairman of London listed Doriemus Plc, which owns an interest in the Horse Hill oil discovery and is working with its JV partners towards moving Horse Hill into production. Mr Lenigas has a Bachelor of Applied Science (Mining Engineering)(Distinction) from Curtin University's Kalgoorlie School of Mines and holds a Western Australian First Class Mine Manager's Certificate of Competency.</p>
	<p>Edward Mead - Executive Director</p> <p>Mr Mead is a geologist with 20 years experience in gold and base metals exploration, mine development and mine production. Mr Mead has also worked in the oil and gas industry on offshore drilling platforms. Other commodities that he has significant experience with and can be considered to be a competent person in are iron ore, magnetite, coal, manganese, lithium, potash and uranium. Geological areas in Western Australia that he has worked in include the West Pilbara for base metals and gold. The East Pilbara for manganese and gold. The Yilgarn for gold. The Kimberley for base metals, gold and uranium. The Murchison for base metals, uranium and gold. He has a BSc in geology from Canterbury University in New Zealand and is a member of the Australian Institute of Mining and Metallurgy. He has worked for the Geological Survey of Western Australia, Portman Mining, Western Mining Corporation (BHPB), Sons of Gwalia, Fox Resources, Comdek Ltd and Baker Hughes Inteq and a number of other companies through his own consultancy.</p>
	<p>Alex Duncan-Kemp - Executive Director</p> <p>Mr Duncan-Kemp is an experienced mining engineer with over 20 years experience in gold, iron ore and base metal mine development and mining operations. Mr Duncan-Kemp has also worked on public infrastructure projects in construction of roads and construction earthworks. Mr Duncan-Kemp has worked in the Pilbara and Kimberley on iron ore, both haematitic and magnetite ores, the Yilgarn Eastern and North-eastern Goldfields on gold, the Eastern Goldfields on Nickel, Northwest Queensland on phosphate, the Murchison on gold and copper operations. He has also worked of a large civil and mining contractor in both operations and project tendering areas. Mr Duncan-Kemp has a Bachelor of Applied Science (Mining Engineering) from Curtin University's Kalgoorlie School of Mines and is the holder of a Western Australian First Class Mine Managers Certificate of Competency and is a Member of the AusIMM.</p>
	<p>George Frangeskides - Non-Executive Director</p> <p>Mr Frangeskides has a broad range of experience gained from over 15 years in the legal and corporate advisory sectors in Australia and the United Kingdom. George is an Executive Director at Berwick Capital, a corporate advisory firm which specialises in natural resources and which advises ASX and AIM-listed companies on projects and transactions in the mining and oil and gas sectors. Prior to establishing Berwick Capital, George practised as a lawyer focusing on corporate finance, commercial and capital market transactions.</p>
	<p>Campbell Baird - Non-executive Director</p> <p>Mr Baird, has over 20 years of mining experience. As former CEO of Focus Minerals Pty Ltd, a Western Australian gold producer, he increased annual gold production from 5,000 ounces in 2008 to 175,000 ounces in 2012. This was achieved through organic development and strategic acquisitions. Prior to holding this position Mr Baird had extensive international experience developing projects in Finland for Vulcan Resources and leading multiple feasibility studies across multiple commodities for SRK Consulting. Mr Baird has a bachelor of Engineering (Mining) from UNSW and a Masters of International Finance from Curtin University, he is a Member of the AusIMM & AICD and he sits on the Association of Mining and Exploration Council in Australia as Treasurer.</p>

Contact Details

Head Office:

Level 3, IBM Building
1060 Hay Street
West Perth WA 6005

For further information, please contact:**Edward Mead****Executive Director**

Phone: +61 407 445 351

Email: emgeocorp@gmail.com

Web Site: www.artemisresources.com.au

David Lenigas**Chairman**

Email: lenigas@monaco-capital.com

Media contact**David Tasker**

Professional Public Relations

Telephone: +61 433 112 936

Email: David.tasker@ppr.com.au

Website:

www.artemisresources.com.au

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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 Doraleda 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.

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Announcements referred to in Presentation

ASX Announcement dated 4th January 2017 “Plans Trial Gold Production Nickol River, Karratha Q2 2017”
ASX Announcement dated 13th February 2017 “High Grade Cobalt, Carlow Castle Project, Karratha Western Australia”
ASX Announcement dated 6th December 2016 “To Purchase Fully Permitted Radio Hill Plant and Resources”
ASX Announcement dated 31 January 2017 “ARV Orders Gold Production Plant for Nickol River Project”
ASX Announcement 25th January 2017 “ARV Increases Mining Acreage at Nickol River Gold Project”
ASX Announcement dated 14th November 2016 “Mt Clement-Paulsen’s Gold Project Commencement Exploration”
ASX Announcement dated 1st February 2017 “Testwork Confirms 97% Gold Recoveries - Mt Clement Project”
ASX Announcement dated 26th June 2016 “Acquisition of Gold Deposit to Kickstart Pilbara Exploration”
As per ASX announcement dated 5 August 2015 “Artemis to earn majority interest in Australia’s largest Platinum project”
ASX Announcement dated 9th January 2017 “Artemis Commences Work at Weerianna Gold Project”

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