

Artemis Resources Limited

ASX : ARV / Frankfurt : ATY

**The Pilbara's Next Base,
Battery And Precious Metals
Producer**



RADIO HILL

Pilbara 2018 – Growth, Development & Investment Conference, 21-22 August 2018

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Announcements referred to in Presentation

- ASX Announcement dated 25th June 2018 "Artemis and Novo JV Commits to \$5.4 million JV Budget"
- ASX Announcement dated 30th April 2018 "High Grade Nickel at Radio Hill"
- ASX Announcement dated 11th April 2018 "High Grade Cobalt, Copper & Zinc Drilled at Whundo"
- ASX Announcement dated 24th April 2017 "6,54% Cobalt in Drilling Results – Carlow Castle Project"
- ASX Announcement dated 28th April 2017 "Acquisition Completed and Institutional Placement"
- ASX Announcement dated 25th July 2018 "2.32% Cobalt in Shallow Drilling at Carlow Castle"
- ASX Announcement dated 6th August 2018 "Exceptional Au, Co and Cu Intercepts Persist at Carlow Castle"

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.

Artemis – The Pilbara is Our Home



Who is Artemis?

- **Artemis Resources Limited (Artemis – ASX: ARV / Frankfurt: ATY) is the first West Pilbara company to consolidate a significant portfolio of base, battery and precious metal assets and a strategically located processing plant.**

What is Our Strategy?

- **Explore the Pilbara aggressively and develop our 100% owned Radio Hill Project into a long term producer of gold and high quality base/battery metal concentrates.**
- **Be nimble corporately and take calculated risks to enhance shareholder returns.**

Resources to deliver the ARV Strategy? ARV has:

- **Cash of \$27M @ 30 June 2018.**
- **≈2,600km² of prospective Pilbara gold and base/battery metal tenure (100% controlled or via JV).**
- **Strategic partners for conglomerate Au - via 50:50 ARV/NVO on conglomerate and paleoplacer targets.**
- **Near term gold and base/battery metal production assets - with an increased focus on resource development to support long life operation.**
- **100% ownership of Radio Hill processing plant and infrastructure – a 0.5Mtpa base metal and gold concentrator 35km from Karratha.**
- **A dynamic and experienced management team with extensive base metal and gold exploration, development and operations expertise.**

ARV Corporate Snapshot



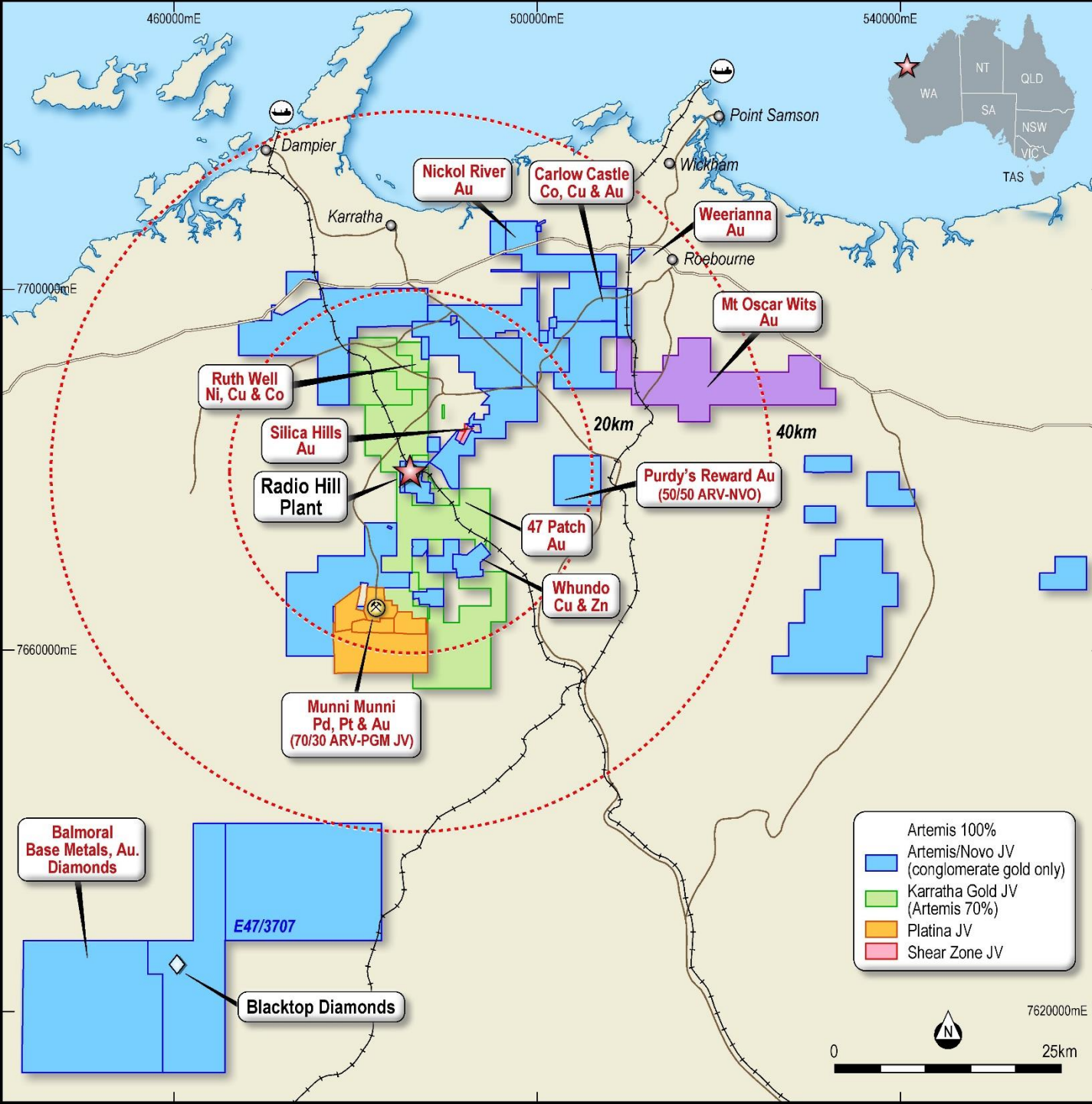
ARTEMIS RESOURCES LIMITED	
ASX ticker	ARV
Frankfurt ticker	ATY
Shares on Issue @ 30/6	633M
Share Price @ 20/8	18c
Market Cap A\$	\$114M
Cash @ 30/6	\$27M
Debt @ 30/6	\$3.9M conv note
Enterprise value @ 30/6	\$87M
30 day avg daily volume	0.9M
90 day avg daily volume	1.3M
52 week Low-High	16c – 59c

BOARD AND MANAGEMENT	
David Lenigas	Executive Chairman
Ed Mead	Executive Director
Alex Duncan-Kemp	Executive Director
Sheikh Maktoum Hasher al Maktoum	Non Executive Director
Wayne Bramwell	Chief Executive Officer
Guy Robertson	Company Secretary

SIGNIFICANT SHAREHOLDERS	SHAREHOLDING @ 30/6
Exchange Minerals FZE	8.0%
Veni Vidi Vici Limited	5.7%
David Lenigas	3.9%

Artemis – More Than Just Gold...





**2,600 km²
of the
Pilbara's
best Au,
base and
battery
tenure**

Artemis and Novo – a 50:50 JV for conglomerate Au

Artemis has a 50:50 JV with Novo Resources Corp. (“Novo”), which is listed on Canada’s TSX Venture Exchange (TSXV:NVO) for conglomerate and/or paleoplacer style mineralization. JV is across Artemis’ tenements within 100 km of the City of Karratha, including at Purdy’s Reward (“the Gold Rights”).

The Gold Rights do not include:

- (i) gold disclosed in Artemis’ existing (at 18 May 2017) JORC Code Compliant Resources and Reserves; or
- (ii) gold which is not within conglomerate and/or paleoplacer style mineralization; or
- (iii) minerals other than gold.

Artemis’ Mt OscarWits, 47 Patch and Munni Munni tenements are excluded from the Definitive Agreements. The Definitive Agreements cover 36 tenements / tenement applications that are 100% owned by Artemis.

The Artemis-Novu JV committed to a \$5.4M exploration budget in June 2018 for the next 12 months (ASX 25/6/18).

\$5.4M

ARV-NVO JV Budget
Approved June 2018



Coarse Gold from Purdy’s Reward

500000mE

540000mE

ARV has Interests in >67km of Conglomerate Contact



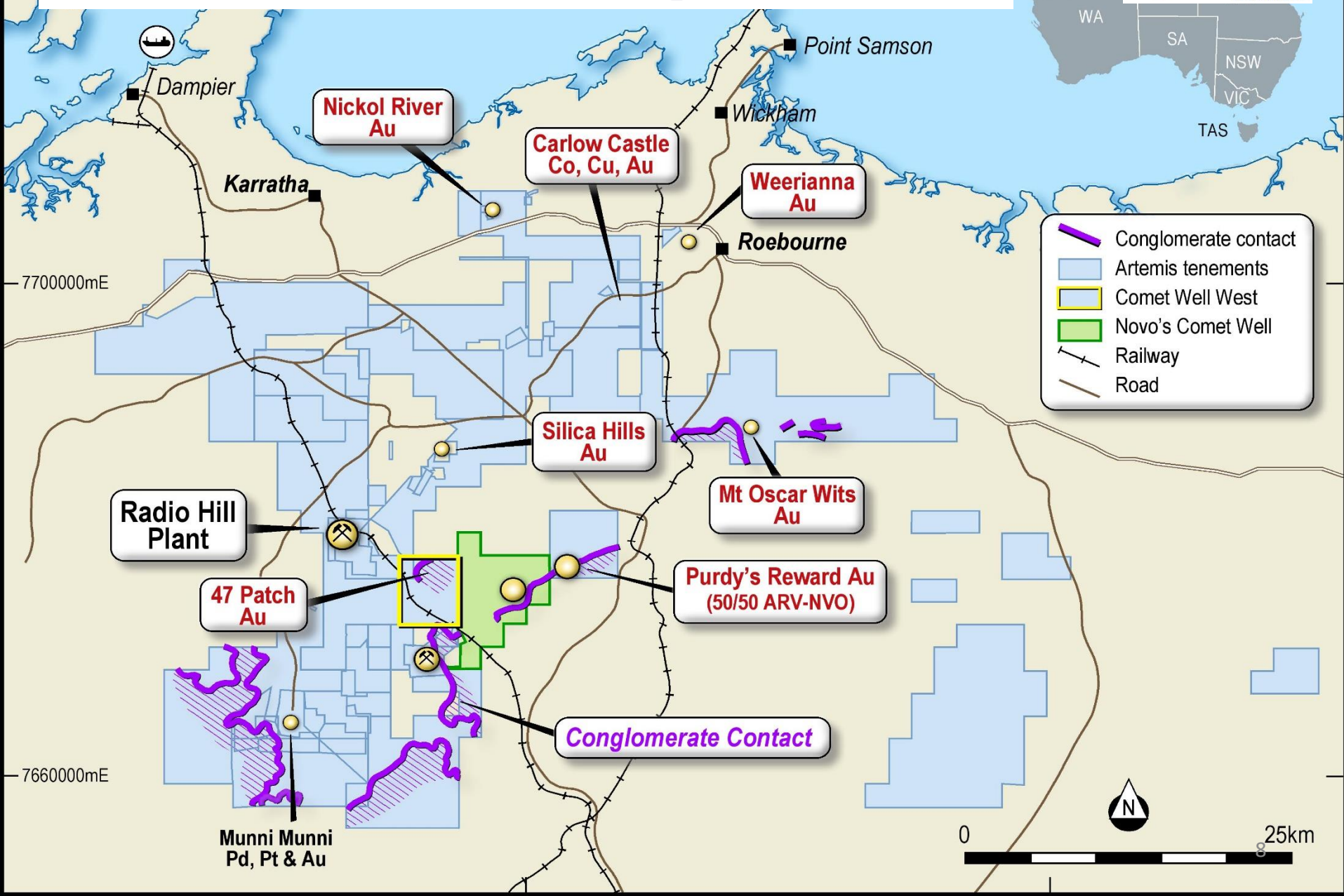
WA

SA

NSW

VIC

TAS



Radio Hill - Near Term Production



Radio Hill Ni-Cu-Co Project (100% ARV)

Drilling at top of Radio Hill orebody has intersected high grade nickel over significant widths, including:

- **15m @ 2.05% Ni, 1.94% Cu, 0.09% Co from 27m (ARH066)**
 - Incl. 3m @ 3.37% Ni, 2.05% Cu, 0.14% Co from 27m
 - Incl. 2m @ 2.53% Ni, 1.35% Cu, 0.11% Co from 37m
- **7m @ 1.9% Ni, 1.07% Cu, 0.08% Co from 18m (ARH015)**
- **8m @ 1.14% Ni, 0.96% Cu, 0.06% Co from 75m (ARH007)**
- **25m @ 0.71% Ni, 0.89% Cu, 0.03% Co from 50m (ARH004)**
- **19m @ 0.57% Ni, 0.99% Cu, 0.02% Co from 26m (ARH062)**

Radio Hill Pit – Ni/Cu/Co on our doorstep



**Radio Hill
Plant**

**Radio Hill
Shallow
Drilling**

50 0 50 100 150 200 m



Whundo Cu/Zn/Co Mine



Whundo Copper Mine (100% ARV)

Drilling across Whundo Copper Mine confirms strong Cu, Zn and Co mineralisation (ASX 11/4/18)

including:

- 12m @ 7.17% Zn from 46m (AWRC027)
- 12m @ 4.46% Zn from 34m (AWRC027)
- 13m @ 3.18% Cu, 3.95% Zn from 48m (AWRC021)
- 13m @ 1.95% Cu from 50m (AWRC052)
- 17m @ 0.99% Cu from 97m (AWRC027)
- 8m @ 1.38% Cu from 77m (AWRC025)
- 10m @ 0.39% Co from 87m (AWRC025)
- incl: 1m @ 1.75% Co from 88m
- 6m @ 6.55% Zn from 42m (AWRC022)

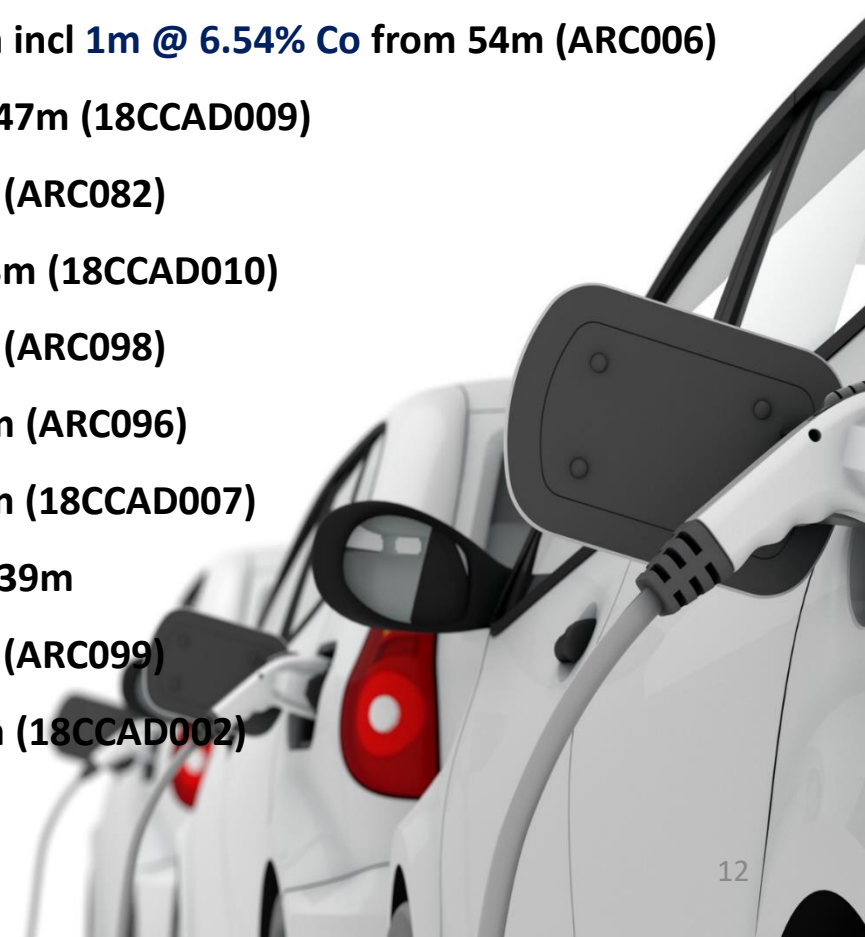


Carlow Castle – Australia's Best Cobalt Resource?

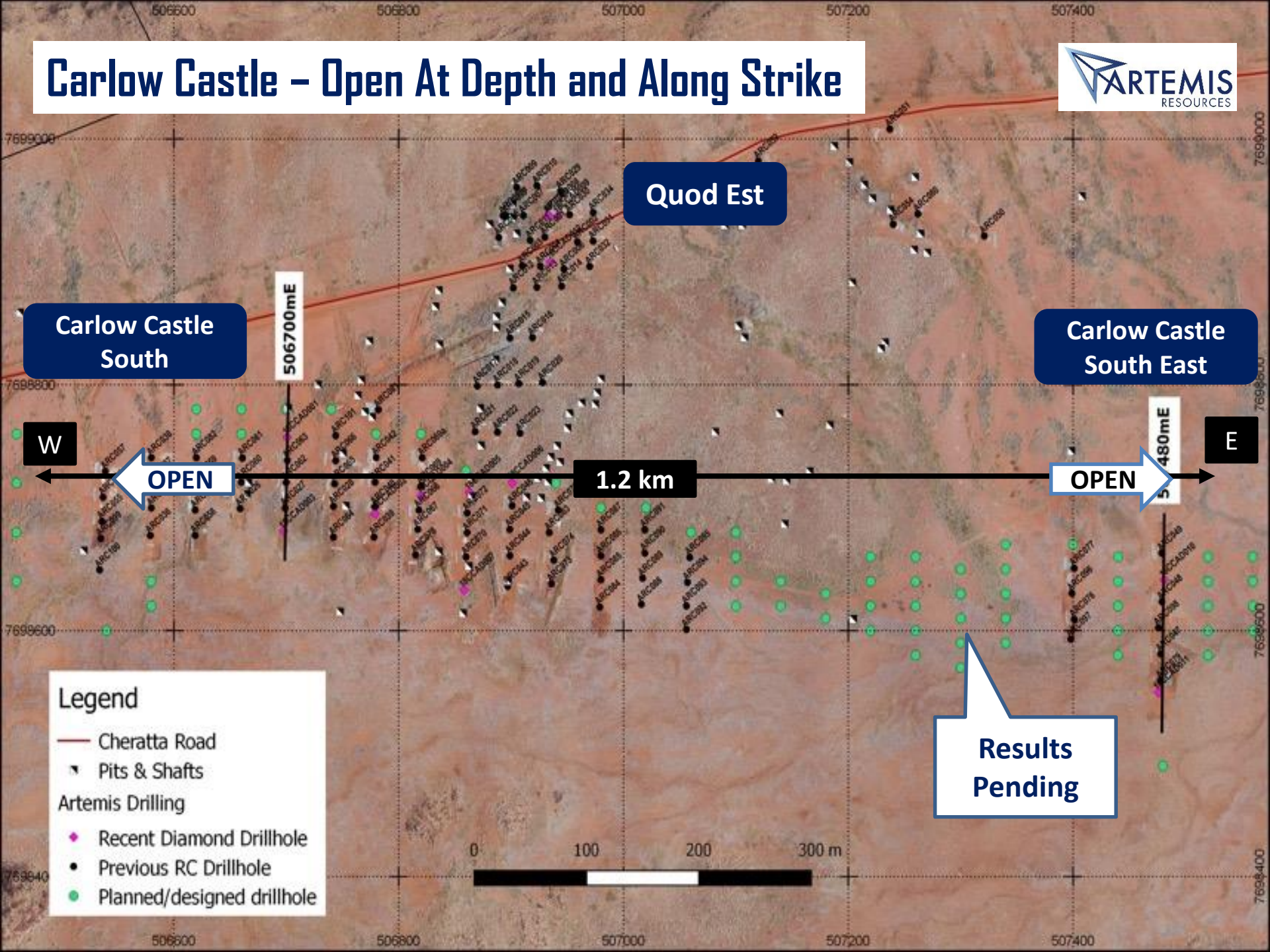
Carlow Castle Au-Co Project (100% ARV)

A layered intrusive, drilled across 1.2km of strike that is **OPEN** in all directions (ASX 24/4/17, 25/7/18 and 6/8/18). Best intercepts include:

- 3m @ 6.24 g/t Au, **3.45% Co** and 2.43% Cu from 52m incl **1m @ 6.54% Co** from 54m (ARC006)
- 6.5m @ 23.44g/t Au, **2.32% Co** and 10.35% Cu from 47m (18CCAD009)
- 4m @ 7.92g/t Au, **0.56% Co** and 1.11% Cu from 62m (ARC082)
- 22m @ 6.10g/t Au, 2.35% Cu and **0.55% Co** from 133m (18CCAD010)
- 5m @ 2.06g/t Au, **0.45% Co** and 0.73% Cu from 61m (ARC098)
- 13m @ 4.96g/t Au, **0.39% Co** and 1.47% Cu from 62m (ARC096)
- 26m @ 1.81g/t Au, 0.13% Co and 0.53% Cu from 39m (18CCAD007)
incl: 9m @ 2.91g/t Au, 0.31% Co and 0.55% Cu from 39m
- 20m @ 1.58g/t Au, 0.15% Co and 0.21% Cu from 7m (ARC099)
- 16m @ 2.14g/t Au, 0.15%Co and 0.55% Cu from 32m (18CCAD002)



Carlow Castle – Open At Depth and Along Strike



Quod Est

Carlow Castle
South

Carlow Castle
South East

506700mE

506480mE

W

OPEN

1.2 km

OPEN

E

Legend

— Cheratta Road

▲ Pits & Shafts

Artemis Drilling

◆ Recent Diamond Drillhole

● Previous RC Drillhole

● Planned/Designed drillhole

Results
Pending

0 100 200 300 m

Radio Hill – A Strategic Pilbara Asset with Growing Metallurgical Optionality

New
Tertiary
crusher

Refurbished
mills

New Au
Circuit

New Au Room



Radio Hill Operations (100% ARV)

- Base metal flotation and gold concentrator 35km from Karratha
- Build in 1988. Operated intermittently by Agip, Titan Resources and Fox Resources who collectively invested >\$60M between 1988-2002
- Peak workforce at Radio Hill was 120-150 people (UG, pits and surface)
- Fox Resources place Radio Hill on care and maintenance in 2008 due to commodity price
- All infrastructure and tenements acquired by Artemis in 2017 for ≈\$4M (refer ASX 28/4/17)
- Refurbishment of existing circuit begins late 2017 with new 76m³ flotation circuit purchased and relocated to site
- Approvals to install new 500,000 tpa Au circuit announced 20 August 2018
- Construction crews mobilised to install Au circuit and new tertiary crusher....

Radio Hill – New Gold Circuit to complement base metal ability

Looking Forward - Resource / Reserve Development



Resource Updates pending for:

- Weeriana Au
- Whundo Cu-Zn
- Radio Hill Ni-Cu-Co
- Carlow Castle Au-Co

Artemis Staff, Consultants and Ngarluma Stakeholders



Growth, Development & Investment at Artemis



Growth

- Driven by exploration success, resource/reserve definition, transition to full operations and cashflow.

Development

- Radio Hill Operations – increase operational flexibility and scale in Au and base / battery metal concentrate production
- Carlow Castle – 6.54% Co #. Australia's best "new" Cobalt discovery?
- More strategic JVs – leverage resource endowment and increase shareholder returns.

Investment – In:

- The ground – more exploration and resource / reserve development drilling
- Our people – building our operations and corporate team
- Our region – maximising local supply and employment while engaging with all key stakeholders to earn our social licence to operate.

ASX 24 April 2017





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Determined to Deliver

www.artemisresources.com.au

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