



Artemis Resources Limited

ASX - ARV

US OTC - ARTTF : US

Frankfurt - ATY : FRA

Gold and Cobalt in the Pilbara

Investor Deck - September 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”
- ASX Announcement dated 12th September 2018 “New High Grade Cobalt Zone 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 – Our Value Proposition



Who is Artemis?

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

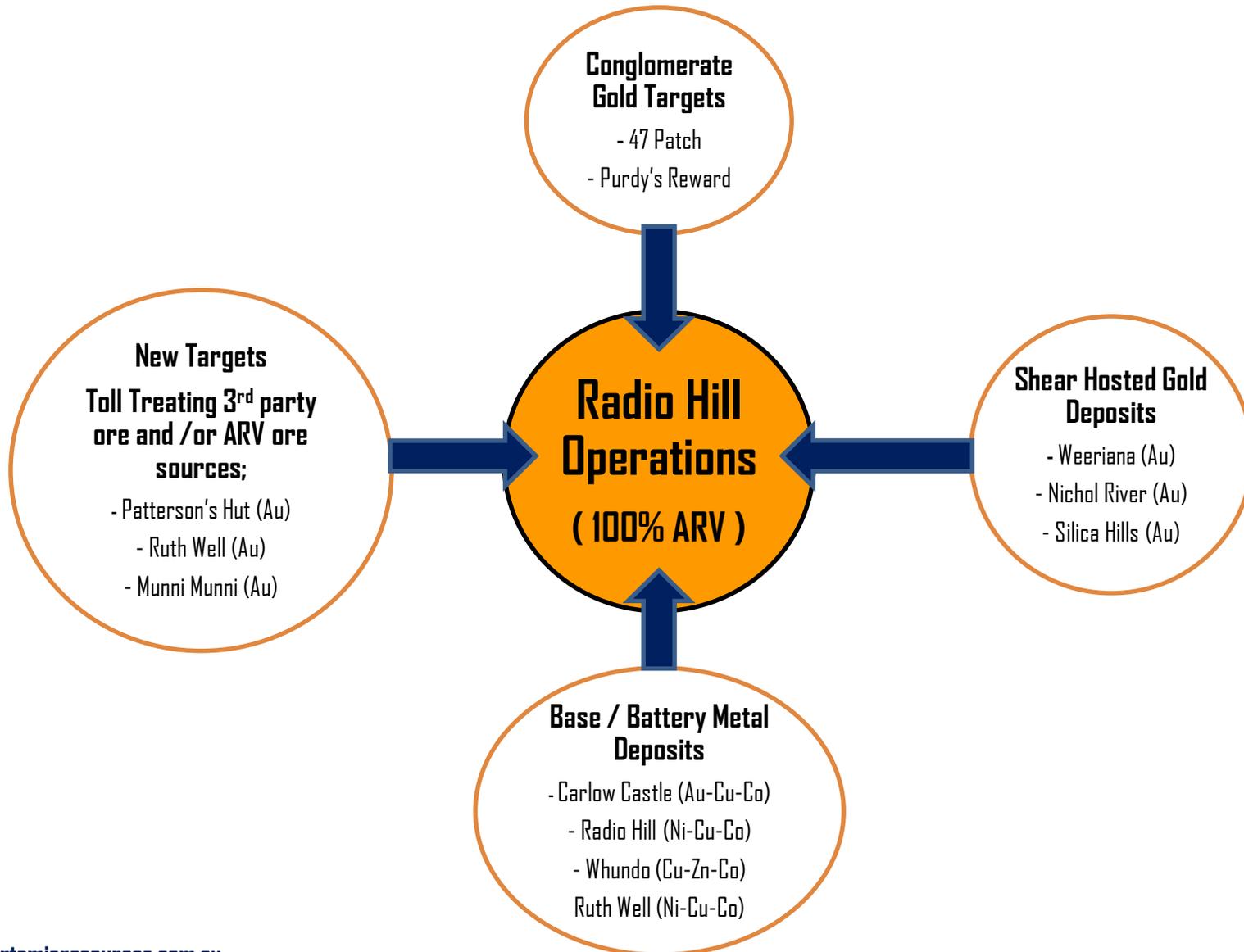
What is the Strategy?

- Explore the Pilbara aggressively, be nimble corporately and expand our 100% owned Radio Hill Operation into a long term producer of gold and high quality base and battery metal concentrates.

ARV has the resources to deliver the strategy, including:

- Cash of **\$27M @ 30 June 2018**.
- **≈2,600km² of prospective Pilbara gold and base/battery metal tenure (100% controlled or via JV).**
- **A de-risked conglomerate Au strategy - via 50:50 JV with Novo Resources Corp (NVO) on conglomerate and paleoplacer targets.**
- **Growing JORC compliant gold and base metal resources including Carlow Castle, the best scalable Au-Co-Cu deposit in Australia.**
- **100% owned Radio Hill processing plant and infrastructure – a 0.5Mtpa base metal and gold concentrator 35km from Karratha with new Au circuit.**
- **A dynamic and experienced management team with extensive base metal and gold exploration, development and operations expertise, and**
- **A strong news pipeline ahead.**

Hub and Spoke Strategy – we own 100% of the Hub



ARV Corporate Snapshot



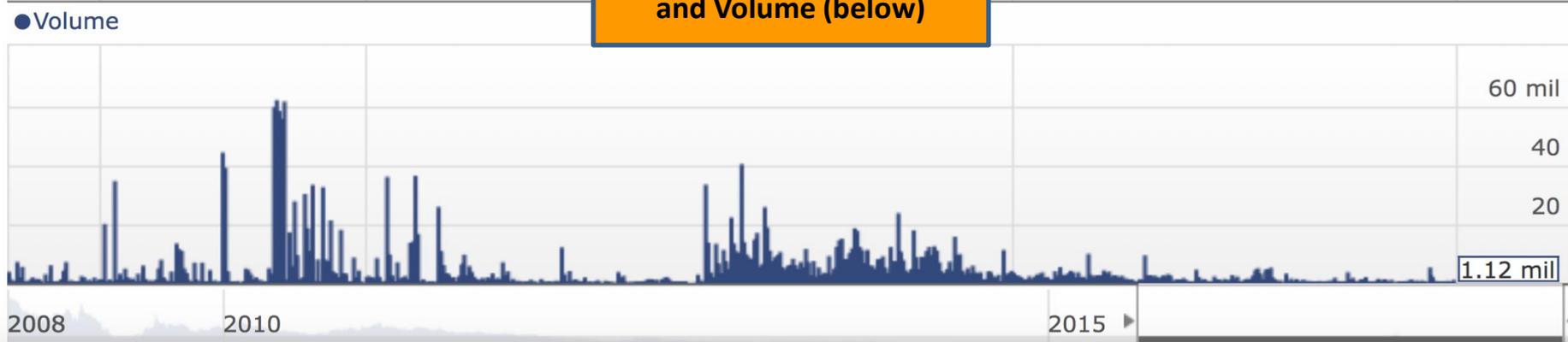
ARTEMIS RESOURCES LIMITED	
ASX ticker	ARV
Frankfurt ticker	ATY
US Ticker – OTC	ARTTF
Shares on Issue @ 30/6	633M
Share Price @ 13/9	18.5
Market Cap A\$	\$117M
Cash @ 30/6	\$27M
Debt @ 30/6	\$3.9M conv note
Enterprise value @ 30/6	\$11M
30 day avg daily volume	0.9M
90 day avg daily volume	1.3M
52 week Low-High	15.5c – 59c

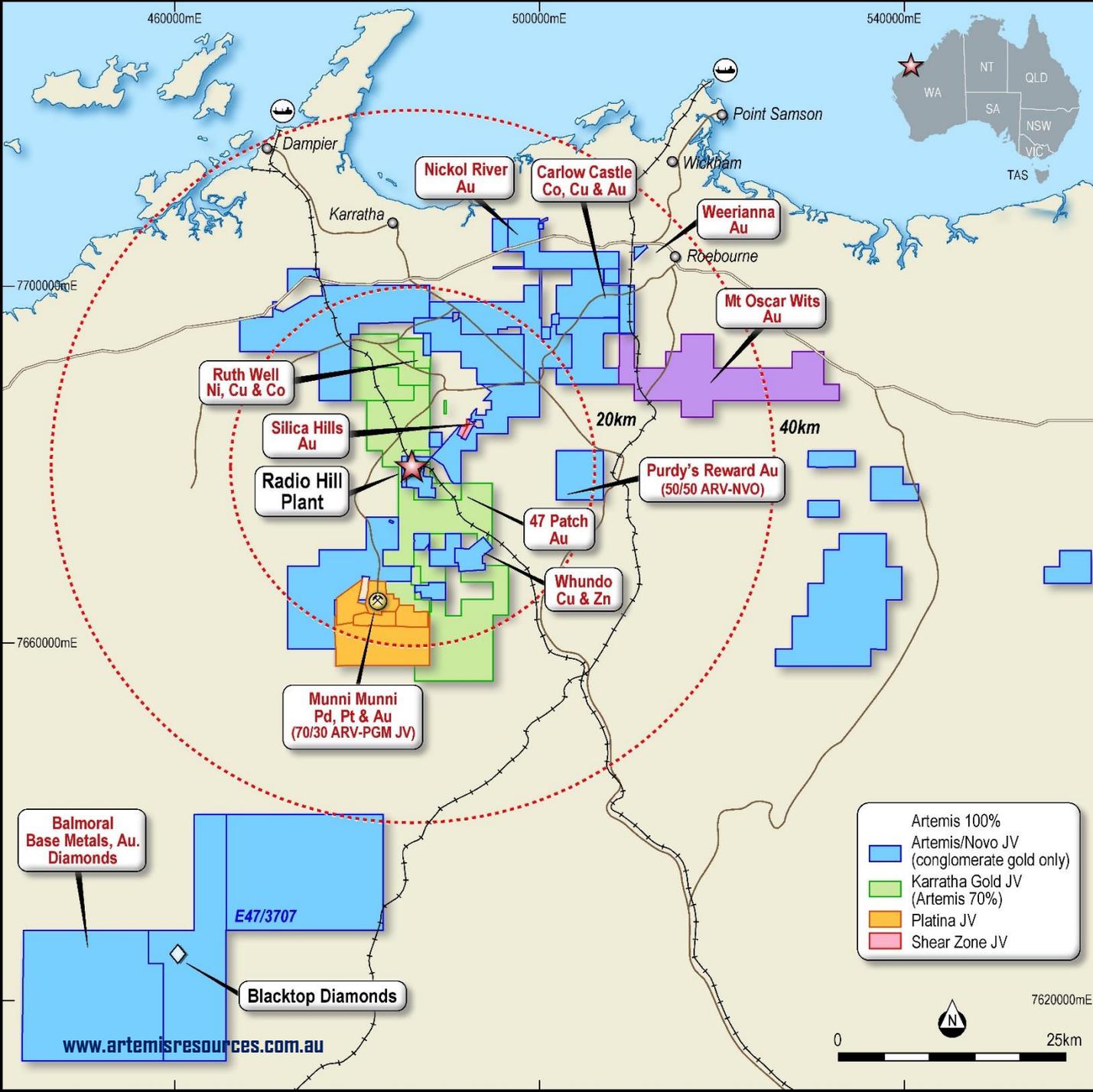
BOARD AND MANAGEMENT	
David Lenigas	Executive Chairman
Ed Mead	Executive Director
Alex Duncan-Kemp	Executive Director
Sheikh Maktoum Hasher al Maktoum	Non Exec Director
Wayne Bramwell	CEO
Guy Robertson	Company Secretary

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

Artemis – Gold and Cobalt driving valuation...

Sep 14, 2015 - Sep 12, 2018 ● ARV





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



1.0

A De-risked Conglomerate Gold Strategy

The Pilbara Goldrush - today



Since 2017 many ASX and TSX:V companies have entered the conglomerate Au arena in the Pilbara:

- **Artemis** was first mover – now there are >15 companies with Pilbara conglomerate gold exposure.

Artemis JV partner Novo driving the exploration momentum in search for conglomerates.

- Novo focused on resource definition and bulk sampling at Purdy's Reward (50:50 ARV-NVO) and Comet Well (100% NVO).

Several regional players bulking up

- Novo and Pacton Gold aggressively acquiring more ground.

Several have hard rock Au resources

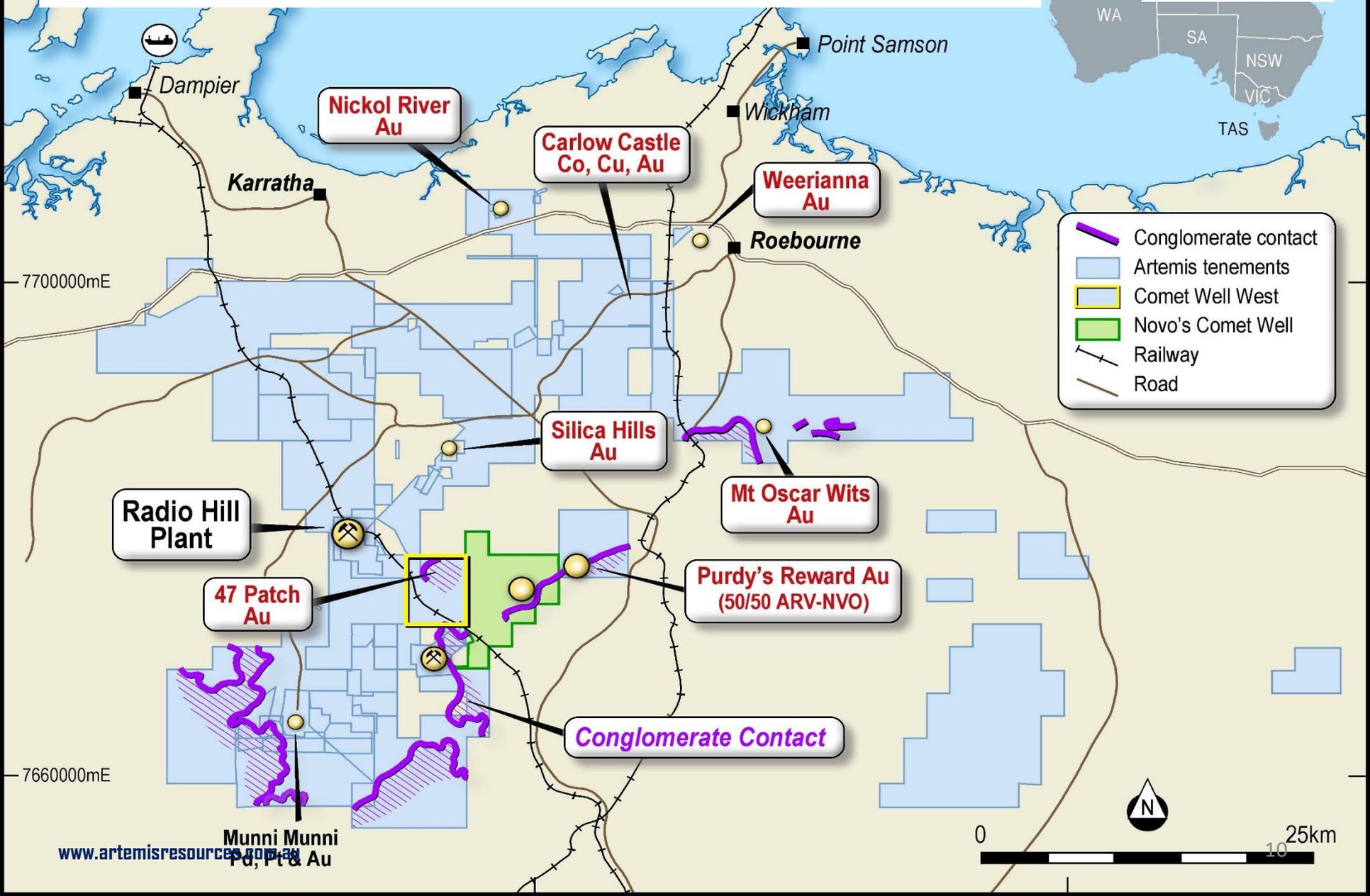
- ARV, TSX - NVO , ASX – CAI and ASX - DEG

Only **ONE** group with a processing capacity

- New gold circuit being installed at 0.5 Mtpa Radio Hill Operations (100% owned by ARV)



ARV has Exposure to >67km of Conglomerate Contact



De-risked via a 50:50 JV with Novo



Artemis has de-risked its conglomerate strategy via a 50:50 JV with Novo Resources Corp;

- JV is for conglomerate and/or paleoplacer style mineralization 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.
- The Definitive Agreements cover 36 tenements / tenement applications that are 100% owned by Artemis.
 - Artemis' Mt Oscar Wits, 47 Patch and Munni Munni tenements are excluded from the Definitive Agreements.

\$5.4M
JV exploration
budget to June
2019.

Shear hosted Gold Resources



Total Global
Resource Oz Au
273,000 Oz Au

Carlow Castle
136,000 Oz Au
- New resource
pending

Weeriana
71,000 Oz Au

Mt Clement
65,000 Oz Au

Rock Chip at Silica Hills

Conglomerate Gold ? - Size Matters...

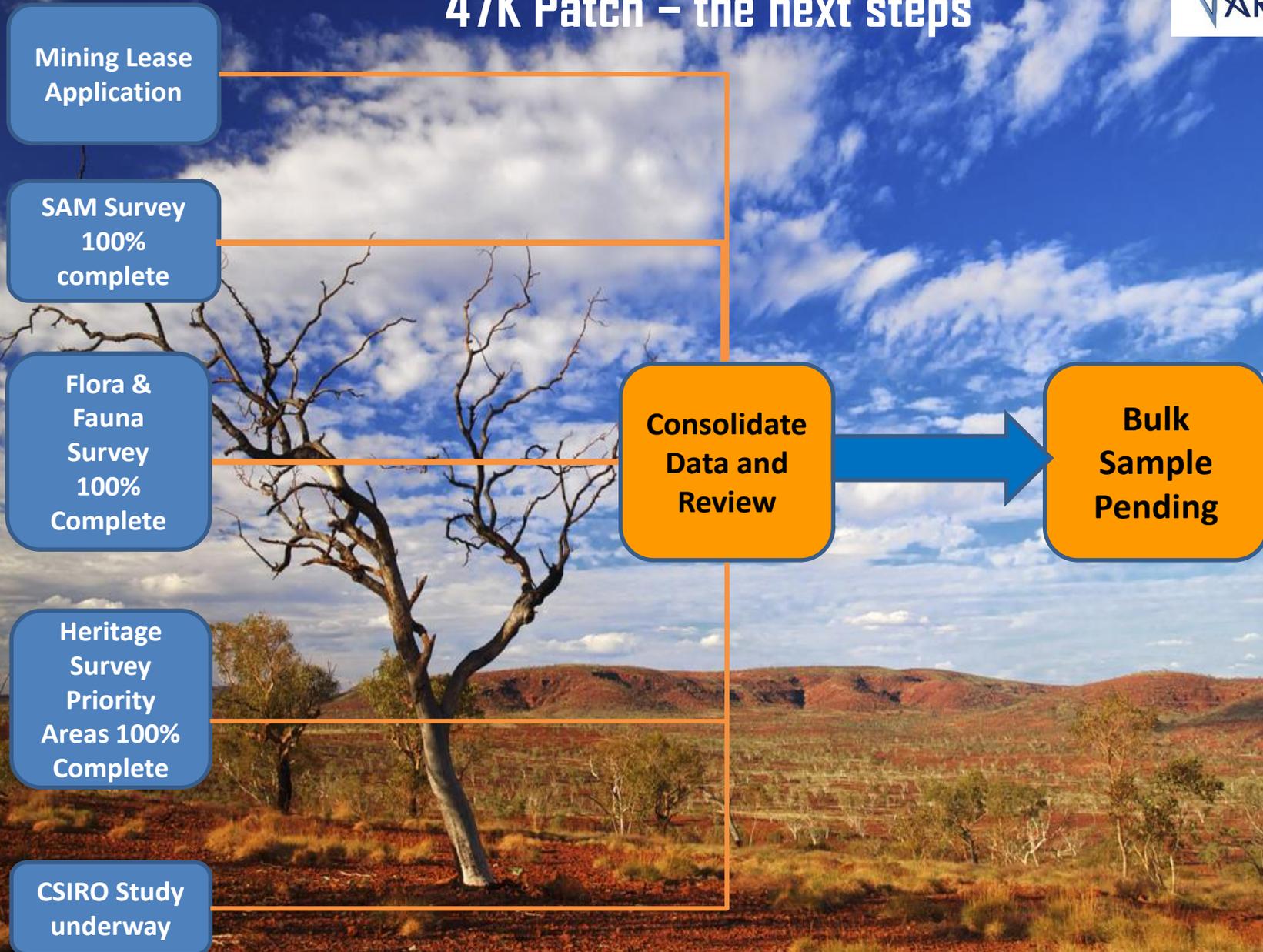


Purdy's
Reward



47 K
Patch

47K Patch – the next steps

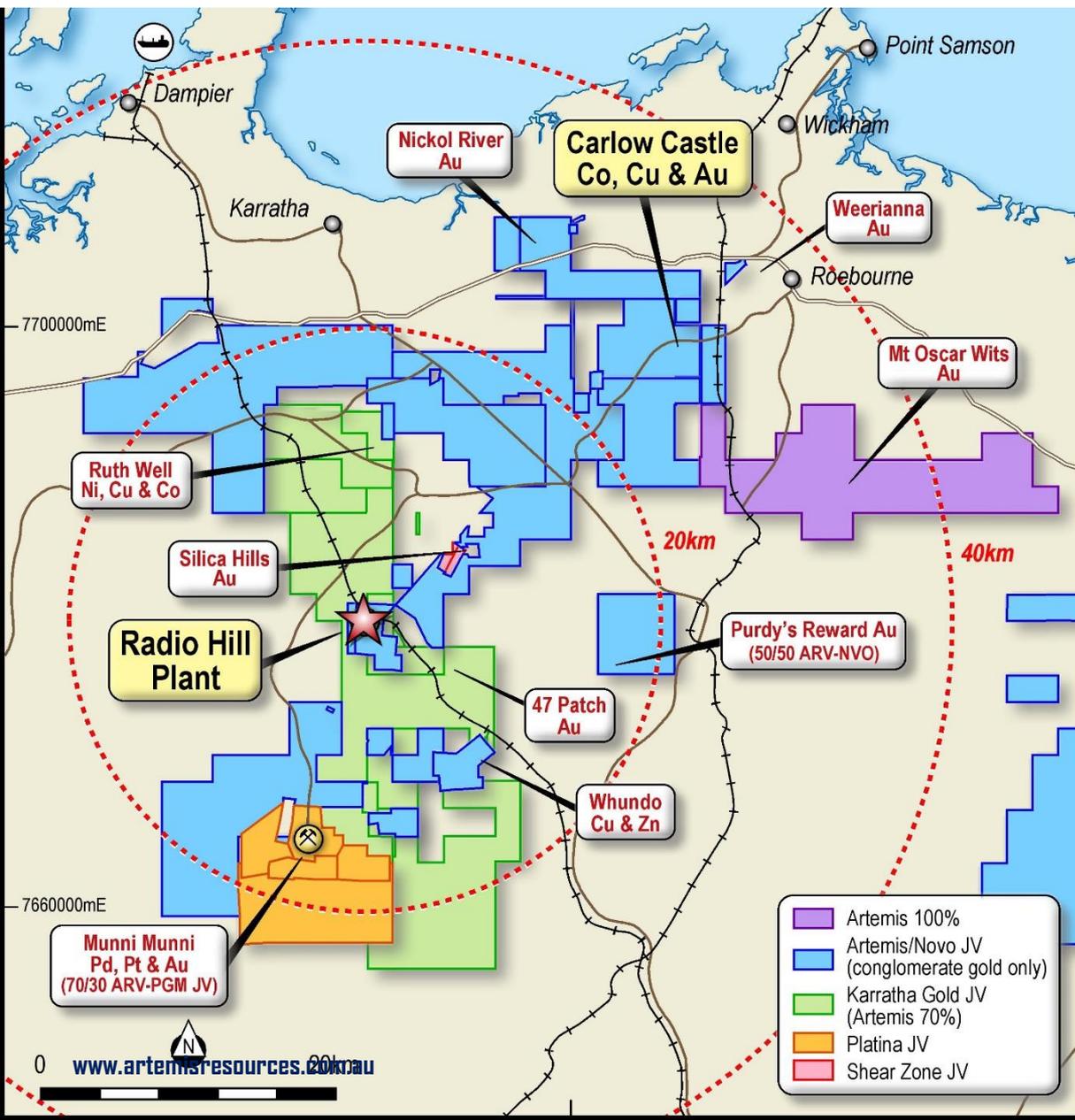




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Carlow Castle – Australia's Best Cobalt Resource?

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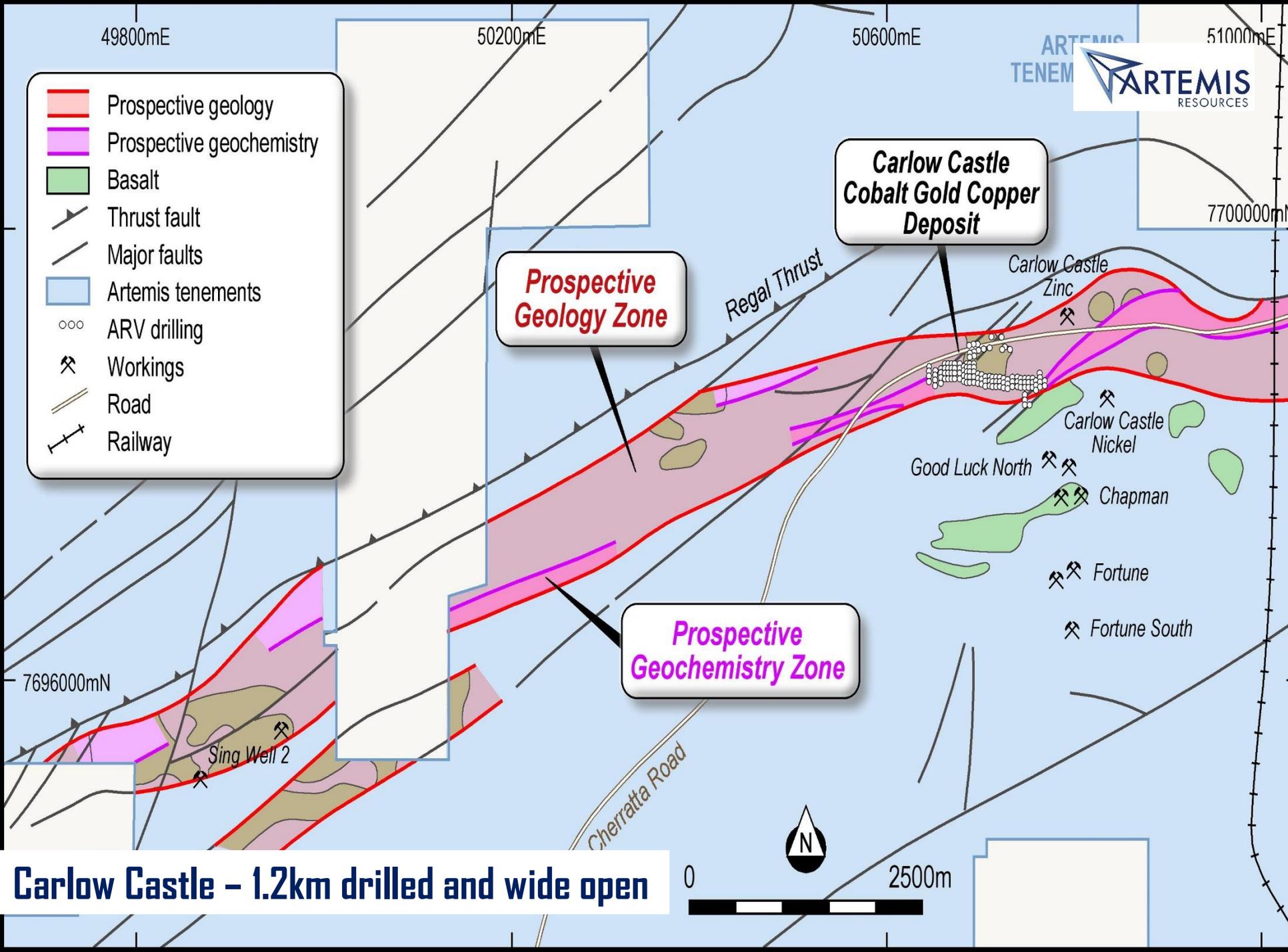


Carlow Castle Au-Cu-Co Project (100% ARV)

- A layered intrusive
- Shallow drilling across 1.2km of a 4 km strike zone
- OPEN along strike and at depth
- 30km from Radio Hill
- Existing JORC 2012 Resource (31/1/18) based upon 81 holes (7,388m) delivered:
 - 4.5Mt @ 0.9g/t Au, 0.4% Cu, 0.07% Co for 130,000 Oz Au, 18,000t Cu and 3,150t Co

Q4 - New Resource Update based on 189 holes (24,655m)

- Prospective geology
- Prospective geochemistry
- Basalt
- Thrust fault
- Major faults
- Artemis tenements
- ARV drilling
- Workings
- Road
- Railway



**Prospective
Geology Zone**

**Carlow Castle
Cobalt Gold Copper
Deposit**

**Prospective
Geochemistry Zone**

Carlow Castle - 1.2km drilled and wide open

Carlow Castle – Outstanding High Grade Au-Co-Cu

Carlow Castle Au-Cu-Co Project (100% ARV)

Best intervals since January 2018 JORC resource 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)
- 17m @ 1.86g/t Au, 0.61% Co and 0.05% Cu from 88m (ARC 168)
 - incl: 2m @ 9.02g/t Au, 2.42% Co, 0.03% Cu from 89m.
- 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)



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**Radio Hill – A Strategic Asset
with Expanding Metallurgical
Capability**

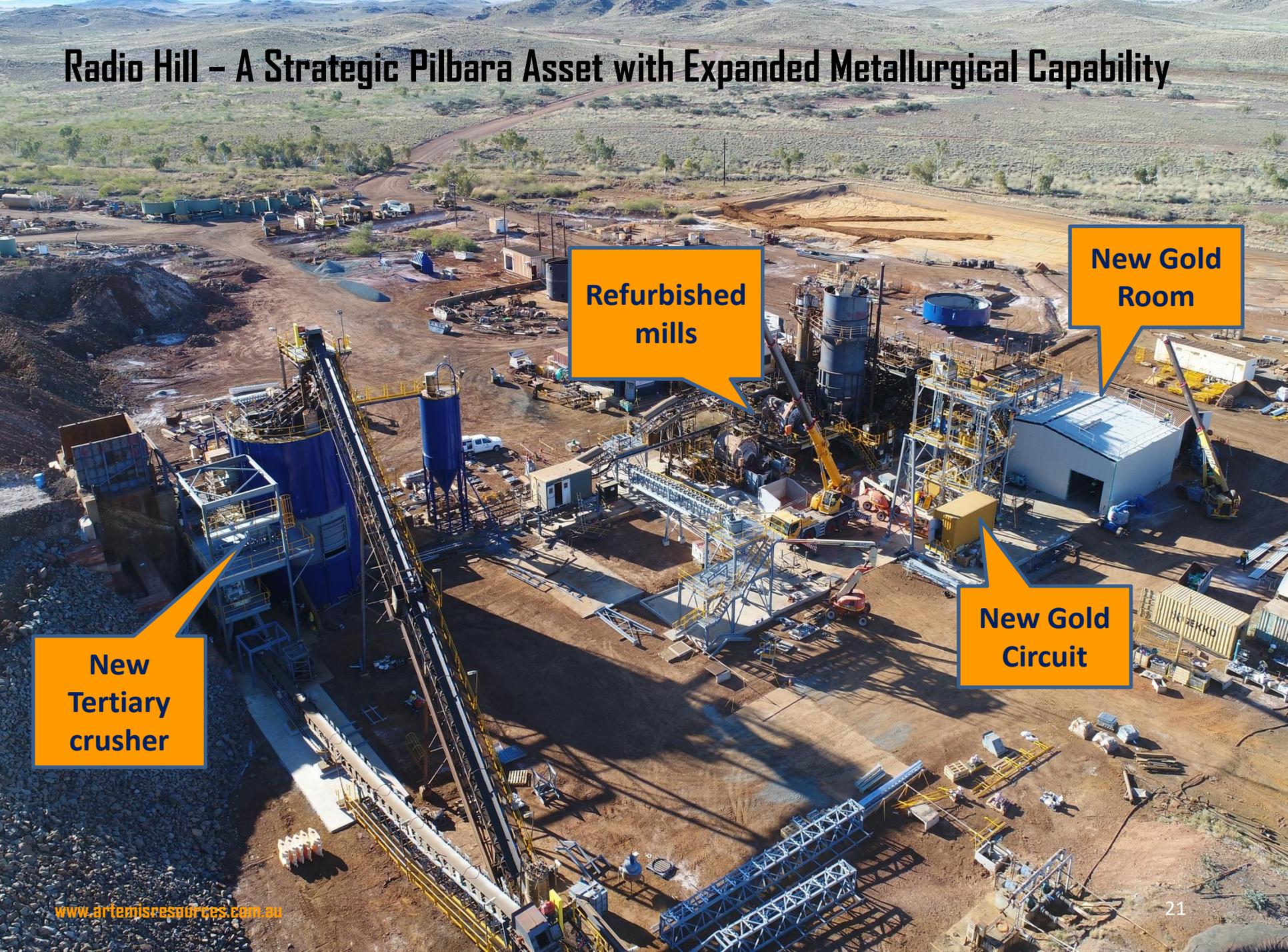
Radio Hill – New Gold Circuit to complement base metal ability



Existing Base metal flotation and gold concentrator 35km from City of Karratha in the West Pilbara;

- 100% owned by ARV
- Build in 1988. Operated intermittently by Agip, Titan Resources and Fox Resources who collectively invested >\$60M between 1988-2002.
- 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 of new Au circuit close to completion.

Radio Hill – A Strategic Pilbara Asset with Expanded Metallurgical Capability



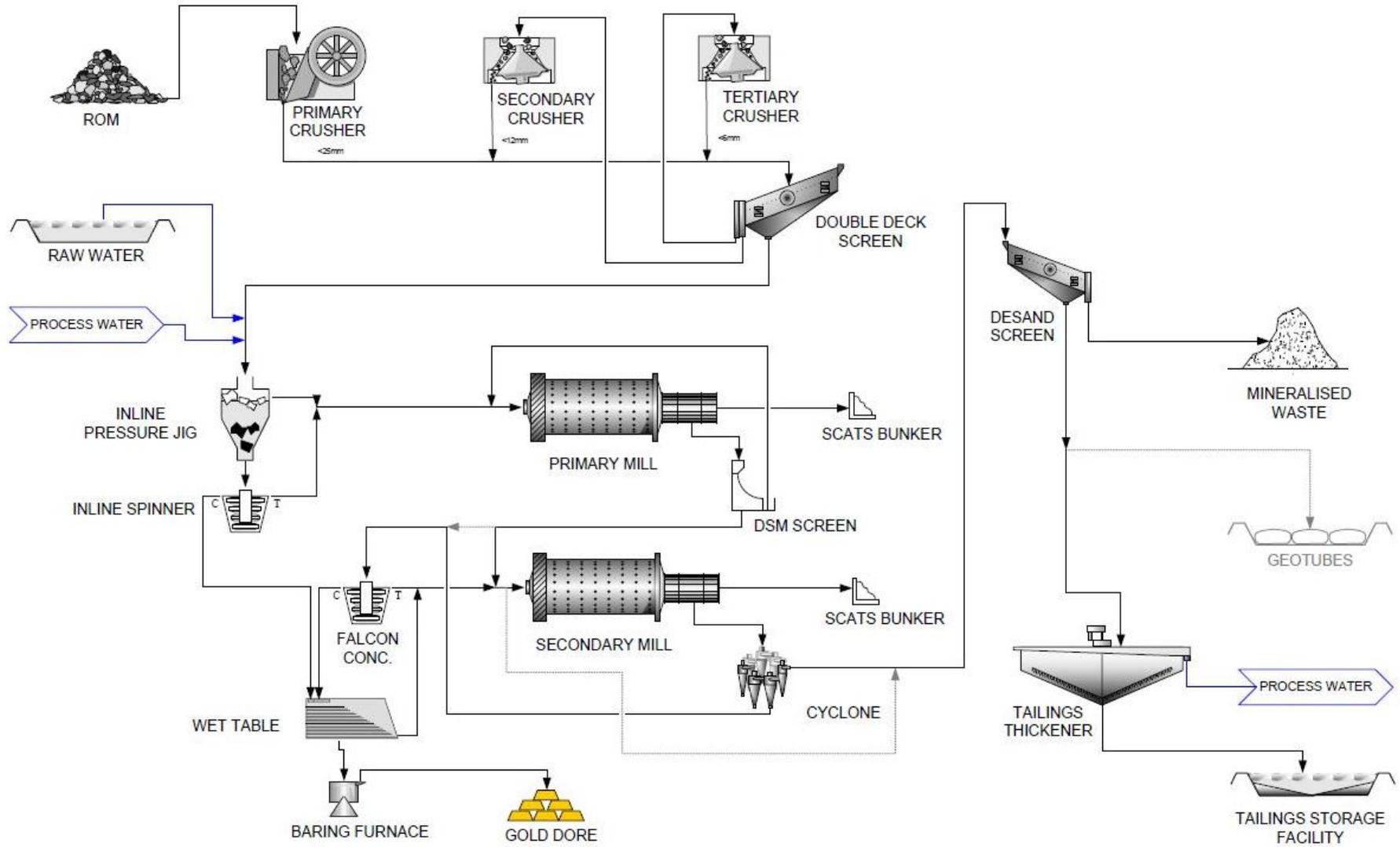
**New
Tertiary
crusher**

**Refurbished
mills**

**New Gold
Room**

**New Gold
Circuit**

Radio Hill Stage 1 – Approved for 0.5Mtpa of Gold Ore



Upcoming Price Catalysts...

September

- Conglomerate Gold Update (17/9)
- Radio Hill Au Circuit Construction Update
- ARV-NVO Exploration Update

October

- 47K Patch Exploration Update
- Whundo Cu-Zn-Co Resource Update
- Carlow Castle Au-Co-Cu Final drill results

November

- Carlow Castle Au-Co-Cu Resource update
- Weeriana Au Resource Update
- Ruth Well Ni Cu Co Au Resource Update



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Artemis Resources Limited

ASX : ARV /

Frankfurt : ATY

Determined to Deliver

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