FIRST MOVER ADVANTAGE IN A WORLD CLASS MINERAL PROVINCE

INVESTOR PRESENTATION May 2019

121 MINING 20-21 MAY 2019 INVESTMENT LONDON





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Competent Persons Statement – Exploration Results: Please refer to the detailed statement at the end of this document.

Competent Persons Statement – Mineral Resource Estimations for the Minyari-WACA Deposits, Calibre Deposit and Magnum Deposit: Please refer to detailed statement at end of this document.

Australian Dollars: All figures in Australian Dollars unless statedotherwise.

COMPELLING INVESTMENT OPPORTUNITY Advancing world class development and exploration projects

Strategic Position in World Class Paterson Province

- Underexplored precious and base metals province hosting two large scale producing mines and recent world class discoveries
 - o Telfer and Nifty mines
 - Winu and Havieron discoveries
- Significant greenfield exploration upside with 5,000km² tenement holding extending to within 5km of the recent Rio Tinto Winu discovery

100% owned North Telfer Project

- Significant exploration upside to current shallow high-grade combined Mineral Resources:
 - $_{\odot}~$ 827koz gold at 1.9 g/t, 26kt copper at 0.24% and 4kt cobalt at 380 ppm
- Positioning for development

\$60m Rio Tinto¹ Joint Venture on the Citadel Project

- 1,330km² Antipa/Rio Tinto farm-in with existing combined Mineral Resource:
 - $_{\circ}~$ 1.64Moz gold at 0.8 g/t and 128kt copper at 0.20%

3 1. All references to 'Rio Tinto' in this document are to Rio Tinto Exploration Pty Ltd, a wholly owned subsidiary of Rio Tinto Limited



DUAL TRACK STRATEGY: TIER-1 DISCOVERIES and RESOURCE DEVELOPMENT 2019 exploration programmes to underpin strong news flow outlook

Greenfields Exploration

5,000km² under-explored world class exploration ground

- Commenced fully funded 20,000 metre regional drilling campaign on 100% owned ground
- Aerial Electromagnetic ('AEM') survey completed over the El Paso Corridor targeting Telfer, Havieron and Winu analogue targets:
 - o Drill testing of 12 high priority AEM targets in 1H-2019, up to 26 targets in total
- Aeromagnetic survey completed targeting Havieron and Calibre gold-copper deposit analogue targets:
 - $_{\circ}$ Drill testing of high priority aeromagnetic targets in 2H-2019

Resource Development

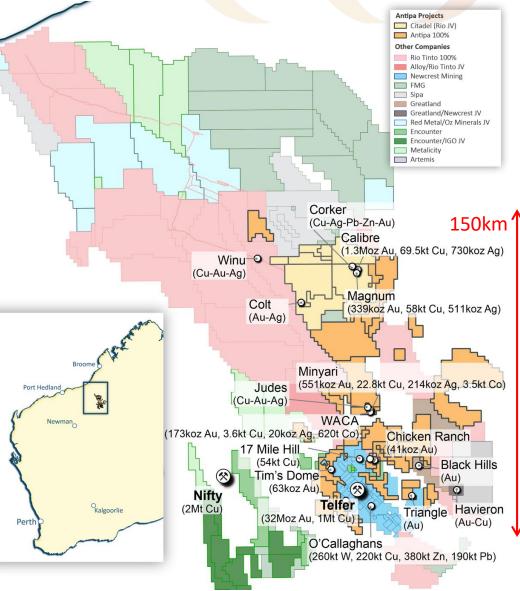
100% owned, shallow, high-grade resource located within 40km of Telfer Mine

- Recently updated global Resource of 827koz Au at 1.9 g/t, 26kt Cu at 0.24%, 4kt Co at 380 ppm
- Prospective brownfield prospects including Judes, Chicken Ranch, Tim's Dome and Minyari South
- High priority resource growth targets currently drill testing Turkey Farm with Pajero and Triangle to be evaluated during 2019

Rio Tinto Citadel JV

Rio Tinto to spend up to \$60m exploration expenditure for up to 75% interest

- Antipa resumed operatorship of the Citadel JV in March 2019
- Rio Tinto sole funded \$3.4m 2019 exploration programme commencing in June:
 - $_{\circ}$ Drilling of 2018 AEM and Calibre resource extensional targets; and
 - $_{\circ}$ $\,$ Further target generation work



FIRST MOVER ADVANTAGE IN THE WORLD CLASS PATERSON PROVINCE

Host to world class mineral deposits

- Proven precious and base metals province hosting two large scale producing mines:
 - **Telfer** = 32Moz gold, 1Mt copper pre-mining
 - **Nifty** = 2Mt copper pre-mining
- Recent discoveries include:
 - Greatland's Havieron = 275m at 4.8 g/t Au and 0.6% Cu (HAD005 from 459m down hole)¹
 - Rio Tinto's **Winu** = 60m at 1.22 g/t Au and 1.03% Cu (WIDI0007 from 60m down hole)²; and 763m at 0.65 g/t Au and 0.44% Cu (WINU0006 from 68m down hole)²

Shallow cover and lack of prior exploration

- Province under-explored despite world class credentials
- No modern exploration, last greenfields campaign over 30 years ago
- Telfer and Nifty were both outcropping deposits (discovered in 1972 and 1980)
- First mover advantage means Antipa has secured the best ground thin cover and structural prospectivity

Modern geophysical techniques can 'see through' cover

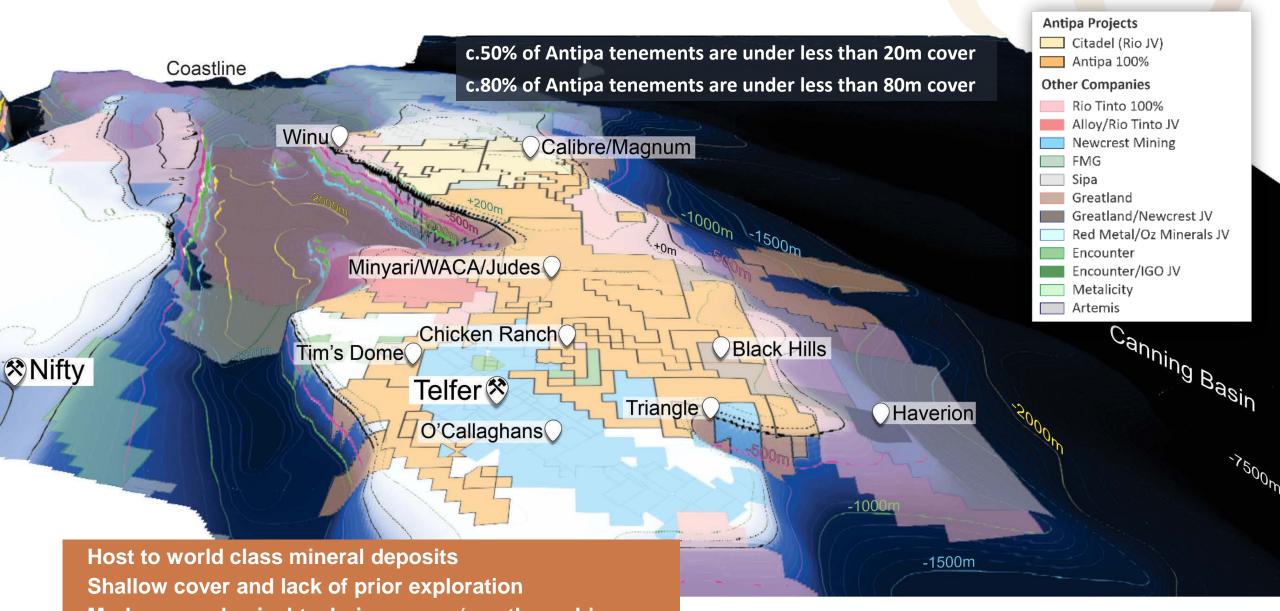
- Ability to explore for blind deposits significantly improved due to advancements in modern geophysical technologies
- AEM and aeromagnetic surveys have recently led to several significant Paterson Province discoveries including Winu, Havieron, Magnum, Calibre, Corker, O'Callaghans, etc



^{5 1.} Refer Greatland Gold plc's website (<u>www.greatlandgold.com</u>) and London Stock Exchange (AIM: GGP) news <u>releases (www.londonstockexchange.com/home/homepage.htm)</u>

^{2.} Refer Rio Tinto (www.riotinto.com/) and Australian Stock Exchange (ASX: RIO) news releases (www.asx.com.au/)

FIRST MOVER ADVANTAGE IN THE WORLD CLASS PATERSON PROVINCE



Modern geophysical techniques can 'see through' cover

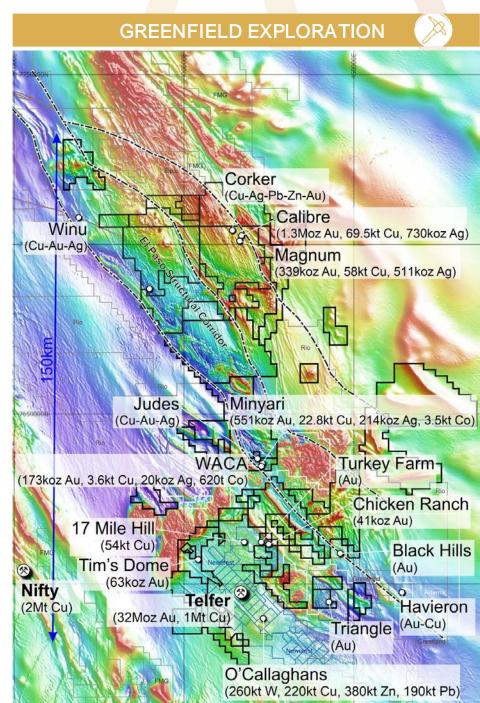
HIGHLY PROSPECTIVE STRUCTURAL CORRIDOR

2019 Exploration Overview

- AEM and aeromagnetic surveys completed and 30 targets currently identified
- Aggressive drill campaign planned to systematically test targets:
 - 。 Strong newsflow outlook following commencement of drilling in May
- Additional AEM and aeromagnetic surveys planned to generate further targets or re-rank existing targets by prospectivity

Geological Overview

- Antipa's 100% ground hosts a significant strike extent of the highly prospective El Paso Structural Corridor
- The El Paso Structural Corridor hosts multiple felsic to intermediate intrusions, mineral deposits, prospects and targets:
 - Hosts Minyari-WACA resources and several other significant deposits including Rio Tinto's Winu and Greatland Gold's Havieron discoveries
 - $_{\circ}~$ Extends 105km on 100% Antipa ground and 45km on Rio Tinto Citadel JV
 - Limited existing electrical geophysics (i.e. EM or IP) prior to Antipa acquiring
- · Provides an ore forming environment similar to porphyry copper-gold belts
- Structural corridors provide the conduits and mechanism for the movement of mineralised fluids related to associated granites



AEM SURVEY GOLD-COPPER TARGETS

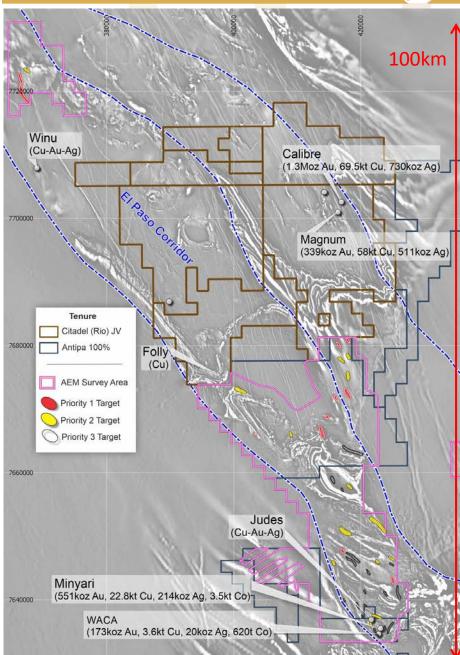
Overview

- 1,100km² AEM survey completed over 100% Antipa Projects in 2H-2018:
 - 12 high priority copper-gold targets identified (26 in total)
- AEM responsible for multiple discoveries over the last 10 years including Winu, Magnum, Corker, etc
- Conductors can represent sulphides related to gold and/or copper mineralisation
- Field reconnaissance and heritage survey completed across priority 1 and priority 2 targets

Phase 1 AEM Drilling Programme (1H-2019)

- Commenced 20,000 metre air core (AC) and slim-line RC drilling programme in early May
- Drill test up to 26 of the 2018 AEM targets (EM Conductivity anomalies):
 - o 12 x Red Priority 1 targets; and
 - 14 x Yellow Priority 2 targets
- Large proportion of AEM anomalies are within the EI Paso Corridor
- Estimated shallow cover based on existing drilling 5m to 70m (average 40m)
- Additional AEM targets recently identified 8km northwest along strike of the Winu discovery
- Ongoing review of results in conjunction with other data to generate further targets or re-rank existing targets by prospectivity

GREENFIELD EXPLORATION



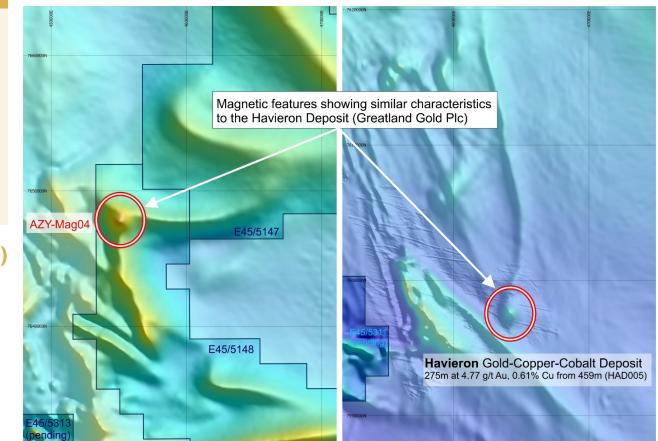
AEROMAGNETIC SURVEY GOLD-COPPER TARGETS

Overview

- 260km²aeromagnetic survey completed late 2018 over 100% Antipa ground targeting Havieron gold-copper deposit lookalike magnetic anomalies
 - o 4 high priority copper-gold targets identified
 - o Triangle area key structures identified
 - Drill targets located 8km north of Rio Tinto's Winu discovery further refined
- Aeromagnetics responsible for multiple discoveries in the region (e.g. Havieron and Calibre)

Proposed Phase 2 Exploration Drilling Programme (2H-2019)

- Drill testing of high priority aeromagnetic targets
- Phase 1 AEM target follow-up drilling
- Further aerial electromagnetic surveys:
 - AEM coverage over southern region of El Paso Structural Corridor between Minyari and Havieron
- Further aeromagnetic surveys



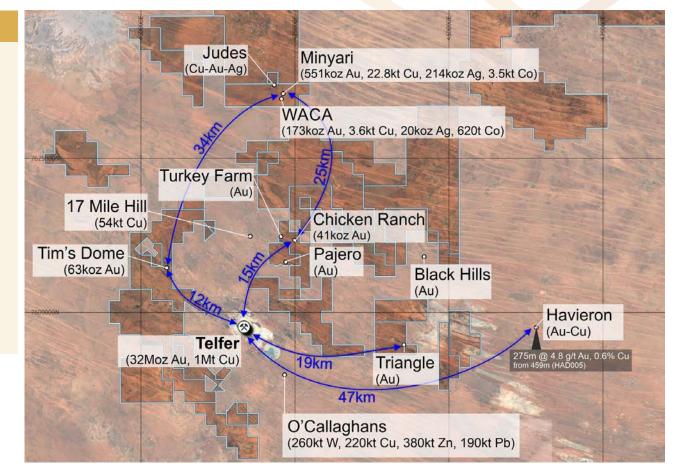
ESTABLISHED HIGH-GRADE RESOURCES

Overview

- Recently updated Global Mineral Resource of 13.6Mt at 1.9 g/t Au, 0.24% Cu, 380 ppm Co and 0.7 g/t Ag for 827koz Au, 26kt Cu, 4kt Co and 233koz Ag (includes Minyari, WACA, Chicken Ranch and Tim's Dome)
- Deposits remain open down dip and along strike
- 2018 drilling near existing high-grade Minyari-WACA resources revealed significant new mineralisation at Minyari South and Judes:
 - 。 Minyari South located 300m south of the Minyari deposit:
 - 18m at 3.1 g/t Au, 0.32% Cu and 0.05% Co from 47m
 - Strike length of 100m and open in all directions
 - 。 Judes located 1.6km northwest of the Minyari deposit:
 - 45m at 0.56% Cu, 0.1 g/t Au and 2.2 g/t Ag from 72m; including 10m at 2.05% Cu, 0.2 g/t Au and 9.1 g/t Ag from 106m
 - Jude's strike length 150m and open in all directions

2019 Exploration Programme

- Evaluation of historic data has identified several brownfield prospects (including Triangle, Pajero and Turkey Farm) with potential to deliver additional shallow "satellite" high-grade gold resources:
 - $_{\circ}~$ Historical drilling indicates significant gold ± copper mineralisation
- Turkey Farm resource drilling recently completed and awaiting assays
- Additional geophysical surveys at Judes, Minyari South and Tim's Dome to map sulphide mineralisation, to refine follow-up drill targets



HIGHLY PROSPECTIVE BROWNFIELD TARGETS

RESOURCE DEVELOPMENT

(551koz Au, 22.8kt Cu, 214koz Ag, 3.5kt Co)

(173koz Au, 3.6kt Cu, 20koz Ag, 620t Co)

Chicken Ranch

(41koz Au)

Paiero

(Au)

19km

Turkey Farm

1km west of Chicken Ranch with gold nuggets identified within surface laterite

- Historic broad spaced (200m) drill intersections along 750m strike include:
 - $_{\circ}~$ 7m at 2.4 g/t Au from 65m; including
 - $_{\circ}~$ 3m at 5.1 g/t Au from 65m and 1m at 12.1 g/t Au from 65m
- Turkey Farm resource drilling recently completed and awaiting assays

Triangle Area

Aeromagnetic survey recently completed to assist in refining drill targets across Triangle Dome located approximately mid-way between Telfer and Havieron

- Mineralisation hosted within Telfer deposit host rock formation along 6km strike
- Historical drilling highlights include:
 - $_{\circ}$ 12m at 2.0 g/t Au from 4m, including 2m at 10.6 g/t Au from 10m
 - $_{\circ}~$ 50m at 0.9 g/t Au from 8m, including 10m at 3.6 g/t Au from 8m

Pajero Area

1km southwest from Chicken Ranch on the Camp Dome, host of Newcrest's 17 Mile Hill copper resource

- Four zones of significant gold ± copper mineralisation (Big Banana, Pajero, Wobbley's Gossan and Teriyaki)
- Historical drilling highlights include:
 - ° 20m at 3.5 g/t Au from 13m, including 4m at 12.0 g/t Au from 13m



Judes

(Cu-Au-Ag)

Turkey Farm

Telfer

(32Moz Au, 1Mt Cu)

17 Mile Hill

Tim's Dome

(63koz Au)

(54kt Cu)

(Au)

Minvari

WACA

Potential for Additional Shallow (Oxide) Gold Resources

Black Hills

(Au)

Triangle

(260kt W, 220kt Cu, 380kt Zn, 190kt Pb)

(Au)

47km

O'Callaghans

Havieron

(Au-Cu)

275m @ 4.8 g/t Au, 0.6% Cu

CHICKEN RANCH AND TIM'S DOME

RESOURCE DEVELOPMENT

Chicken Ranch

High-grade gold mineralisation along a 3km strike length within four or more parallel mineralised gold trends

- 2018 drilling confirmed shallow high-grade resource opportunity and continued exploration potential 25km from Minyari-WACA
- Recently defined Maiden Mineral Resource of 40.3koz at 1.6 g/t Au¹
- Exceptional exploration upside with multiple un-tested mineralised trends displaying significant strike extent (i.e. 500 to +1,000m)
 - o Primary mineralisation remains untested at depth

Tim's Dome

Shallow gold \pm copper mineralisation 12km along strike of the giant Telfer mine

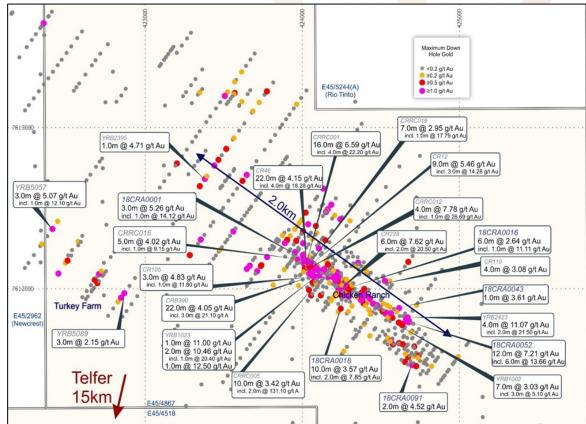
- Re-emergence of Telfer Dome structures and Telfer mine host sequence
- Recently defined Maiden Mineral Resource of 63.2koz at 1.1 g/t Au¹
- Up to 200m wide gold bearing corridor over 3.5km long (within broader 8km trend)

Next Steps

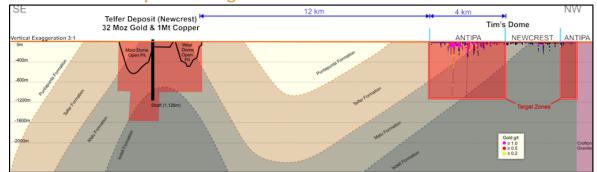
Follow-Up Drill and Geophysical Survey (IP) Planning

• Additional geophysical surveying to further refine targets along strike and at depth

Chicken Ranch and Turkey Farm Plan View



Tim's Dome Interpreted Long Section



^{12 1.} Refer to report entitled "Chicken Ranch and Tim's Dome Maiden Mineral Resources Boost Antipa's 100% Resource To 827,000 Ounces At 1.9 g/t Gold" created on 13 May 2019

RIO TINTO CITADEL FARM-IN

Overview

- Rio Tinto can earn up to 75% by spending up to \$60m
- Citadel Project 5km east of Rio Tinto's Winu discovery
- Antipa resumed operatorship of the Citadel JV in March 2019
- Rio Tinto have spent \$7.6m to date and have committed a further \$3.4m for CY2019

Calibre Deposit (Gold, Copper, Silver, Tungsten)

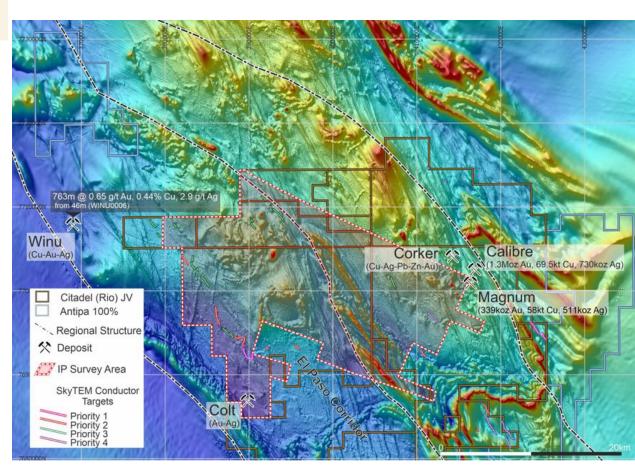
- Large deposit with 1.5km of defined strike resource open in most directions
- Inferred Mineral Resource 47.7Mt at 0.85 g/t Au, 0.15% Cu and 0.48 g/t Ag for 1.3Moz gold, 70kt copper and 730koz silver
- RC drill testing in 2017 of large IP target area south of resource returned:
 - $_{\circ}$ 214m at 0.34 g/t Au and 0.07% Cu, incl. 44m at 0.70 g/t Au and 0.13% Cu

Magnum Deposit (Gold, Copper, Silver ± Tungsten)

- Large scale mineral system less than 2km from Calibre
- Inferred Mineral Resource 16.1Mt at 0.66 g/t Au, 0.36% Cu and 0.99 g/t Ag for 339koz gold, 58kt copper and 511koz silver
- Resource remains open in most directions

Next Steps

- Rio Tinto sole funded \$3.4m 2019 exploration programme commencing in June:
 - Major ground based geophysical survey encompassing approximately 620km²
 - o 4,000m air core drill programme testing 8 existing copper-gold targets
 - 4,000m RC drill programme testing 2 existing copper-gold targets and potential targets generated from the upcoming geophysical survey
 - 。 2,300m (i.e. 1,000m RC + 1,300m diamond-core) drill programme testing
 - Calibre resource extension targets



AGGRESSIVE GREENFIELDS AND BROWNFIELDS 2019 EXPLORATION PROGRAMME

	MAR 2019 QUARTER	JUN 2019 QUARTER	SEP 2019 QUARTER	DEC QUARTER 2019
Greenfields Exploration – incl. El Paso Corridor Targets	Heritage Surveys and Drill Mol	bilisation	Air Core and RC Drill Testin High Priority AEM and Aeromagne	
Citadel Project (Rio Tinto Farm-in)	AEM Data Processing to Assist 2 Programme Planning and Evaluation including the Calibre Resource Ex	on of Opportunities RC Drill	ration Programme including c.620km ² (and Diamond-Core Drill Testing of Exis Il Targets and Potential Targets Genera	ting Cu-Au Targets, Resource
Minyari / WACA + Brownfield Resource Targets			eophysical Survey (IP) Planning; Is Targets (Triangle Area and Pajero)	
Chicken Ranch / Turkey Farm	Mineral Resource Estimates a Farm Prospect Drill Plan			
Tim's Dome	Mineral Resou	rce Estimate		ow-Up illing

Note: Timing, details and scope of all drilling and exploration programmes may change and are dependant upon exploration results, field conditions, exploration licence conditions and ongoing review

CORPORATE SNAPSHOT – ASX: **AZY**

Options²

CAPITAL STRUCTURE

2,076m \$39.5m \$7.8m N/A Shares on Issue (undiluted)

Market Cap at A\$0.019/sh

Cash¹

1. Cash at 31 March 2019 (\$3.0m) + Net proceeds of Share Placement completed 15 April 2019 (\$4.8m)

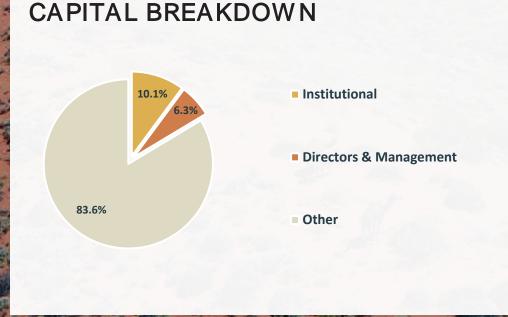
Options have an average exercise price of \$0.035 and would raise \$5.5m if exercised

BOARD OF DIRECTORS

Stephen Power Executive Chairman (Lawyer)	 33 years' industry experience Extensive legal, commercial and corporate management experience Former external legal advisor to LionOre Mining International 					
Roger Mason Managing Director (Geologist)	 33 years' industry experience Involved in projects across multiple jurisdictions, project stage and commodities Former General Manager Geology for LionOre Australia and Norilsk Nickel 					
Mark Rodda Non-Executive Director (Lawyer)	 22 years' industry experience Extensive legal, commercial and corporate management experience Director of Lepidico, former Chairman of Coalspur Mines, and former General Counsel of LionOre Mining International 					
Peter Buck Non-Executive Director (Geologist)	 42 years' industry experience International exploration, acquisition and production experience Current Director of Independence Group: Previously held roles as Director of PMI Gold, Gallery Gold, LionOre Australia and Breakaway Resources 					
Gary Johnson Non-Executive Director (Metallurgist)	 37 years' industry experience Plant design, project development and operations experience Chairman of Lepidico, Director of Strategic Metallurgy and former Director of LionOre's Tati Nic 					

Debt

Enterprise Value



\$31.7m 156m

ANTIPAMINERALS ASX:



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MINERAL RESOURCE SUMMARY

APPENDIX

North Telfer Project and Paterson Project

Deposit and Gold Cut-off Grade*	Resource Category	Tonnes (Mt)	Gold Grade (g/t)	Copper Grade (%)	Silver Grade (g/t)	Cobalt (ppm)	Gold (oz)	Copper (t)	Silver (oz)	Cobalt (t)
Chicken Ranch Area 0.5 Au	Inferred	0.8	1.6	-	-	-	40,300	-	-	-
Tim's Dome 0.5 Au	Inferred	1.8	1.1	-	-	-	63,200	-	-	-
Chicken Ranch Area + Tim's Dome	Total	2.4	1.3		-	-	103,500	-		-
Minyari 0.5 Au	Indicated	3.2	1.9	0.3	0.7	590	192,610	9,600	75,660	1,860
Minyari 0.5 Au	Inferred	0.7	1.7	0.24	0.6	340	36,260	1,560	13,510	220
Minyari 0.5 Au	Sub-Total	3.8	1.9	0.29	0.7	550	228,870	11,160	89,170	2,080
Minyari 1.7 Au	Indicated	0.2	2.6	0.29	0.9	430	18,740	650	6,800	100
Minyari 1.7 Au	Inferred	3.7	2.6	0.3	1.0	370	303,000	10,950	117,550	1,360
Minyari 1.7 Au	Sub-Total	3.9	2.6	0.3	1.0	380	321,740	11,600	124,350	1,460
Minyari	Total	7.7	2.2	0.3	0.9	460	550,610	22,760	213,520	3,540
WACA 0.5Au	Inferred	2.8	1.4	0.11	0.2	180	121,950	3,120	15,920	500
WACA 1.7Au	Inferred	0.5	2.9	0.09	0.2	230	50,780	510	3,850	120
WACA	Total	3.3	1.6	0.11	0.2	190	172,730	3,630	19,770	620
Minyari + WACA Deposits	Grand Total	11.0	2.0	0.24	0.7	380	723,340	26,390	233,290	4,060
North Telfer + Paterson Projects – Gold Only	Grand Total	13.5	1.9	-	-	-	826,840	-	-	-

*0.5 Au = Using a 0.5 g/t gold cut-off grade above the 50mRL (NB: potential "Open Cut" cut-off grade) *1.7 Au = Using a 1.7 g/t gold cut-off grade below the 50mRL (NB: potential "Underground" cut-off grade)

Citadel Project (Rio Tinto JV)

Deposit and Gold Cut-off Grade**	Resource Category	Tonnes (Mt)	Gold Grade (g/t)	Copper Grade (%)	Silver Grade (g/t)	Tungsten (ppm)	Gold (oz)	Copper (t)	Silver (oz)	Tungsten (t)
Calibre 0.5 Au Equiv	Inferred	47.7	0.9	0.15	0.5	217	1,300,000	69,500	730,000	10,300
Magnum 0.5 Au Equiv	Inferred	16.1	0.7	0.37	1.0	-	339,000	57,800	511,000	-
Calibre + Magnum Deposits	Total	63.8	0.8	0.2	0.6	161	1,639,000	127,300	1,241,000	10,300

**0.5 AuEquiv = Refer to details provided by the Notes section

MINYARI DOME – Established High-grade Shallow Au-Cu-Ag-Co Resource

Judes MHP69 18MYC0183 Maximum **Down Hole Gold** 1.0m @ 0.41 g/t Au, 0.03% Cu, West 4.0m @ 6.61 g/t Au, 0.03% Cu < 0.1 g/t</p> • ≥ 0.1 a/t18MYC0185 ≥ 0.5 g/t 21.0m @ 0.07% Cu, 0.15 g/t Ag, 0.04 g/t. O Returned RC Judes incl. 2.0m @ 0.17% Cu, 0.12 g/t Ag, 0.14 g/t Au and 2.0m @ 0.11% Cu, 0.24 g/t Ag, 0.05 g/t Au Priority 1 and 3.0m @ 0.07% Cu, 0.42 g/t Ag, 0.06 g/t Au AEM Target 18MYC0186 3.0m @ 0.61 g/t Au, 0.08% Cu, 0.11 g/t Ag incl. 1.0m @ 1.05 g/t Au, 0.12% Cu, 0.18 g/t Au 18MYC0166 18MYC0179 45.0m @ 0.56% Cu, 2.21 g/t Ag, 0.10 g/t Au incl. 10.0m @ 2.05% Cu, 9.11 g/t Ag, 0.19 g/t Au also incl. 4.0m @ 3.03% Cu, 13.41 g/t Ag, 0.25 g/t Au 4.0m @ 1.77 g/t Ag Gonzo 18MYC0177 18MYC0171 4.0m @ 1.31 g/t Ag 3.0m @ 0.36% Cu, 0.22 g/t Ag, 0.10 g/t Au incl. 1.0m @ 0.78% Cu, 2.24 g/t Ag, 0.18 g/t Au 1.0m @ 0.18% Cu, 0.57 g/t Ag, 0.03 g/t Au **AEM Anomal** 18MYC0176 Minyari & WACA Deposits Combined Indicated + Inferred Mineral Resources 4.0m @ 1.02 g/t Au, 0.04% Cu 11.0 Mt @ 2.0 g/t Au, 0.24% Cu & 380 ppm Co 18MYC0174 723 koz Au, 26.4 kt Cu & 4.0 kt Co 1.0m @ 1.47 g/t Au, 0.02% Cu 18MYC0153 Minyari 1.0m @ 0.78 g/t Au, 0.05% Cu 18MYC0152 4.0m @ 1.18 g/t Au, 0.02% Cu 1.0m @ 0.52 g/t Au. 0.04% Cu North 1.0m @ 0.92 g/t Au, 0.01% Cu 18MYA0100 6.0m @ 9.28 g/t Au, 0.05% Cu incl. 2.0m @ 25.25 g/t Au 18MYC0161 1.0m @ 4.63 g/t Au, 0.07% Cu Minyari Deposit 18MYC0163 7.7 Mt @ 2.2 g/t Au, 0.30% Cu & 460 pp 551 koz Au, 22.8 kt Cu & 3.5 kt Co 2.0m @ 0.64 g/t Au, 0.04% Cu WACA 1.0m @ 1.29 g/t Au, 0.02% Cu North, 18MYC0148 18MYC0187 2.0m @ 1.12 g/t Au, 0.02% Cu 12.0m @ 0.36 g/t Au, 0.09% Cu, 0.17 g/t Ag incl. 1.0m @1.95 g/t Au, 0.10% Cu, 0.61 g/t Ag 1.0m @ 1.09 g/t Au, 0.04% Cu 1.0m @ 0.40 g/t Au, 0.16% Cu •/ 18MYC0148 17MYC0078 Minyai 1.0m @ 1.78 g/t Au, 0.02% Cu 42.0m @ 7.79g/t Au, 0.04% Cu 1.0m @1.01 g/t Au, 0.04% Cu South 18MYC0146 18.0m @ 3.05 g/t Au, 0.32% Cu 3.3 Mt @ 1.6 g/t Au, 0.11% Cu & 190 ppm Co 173 koz Au, 3.6 kt Cu & 620 t Co incl. 4.0m @ 8.23 g/t Au, 0.70% Cu incl. 1.0m @ 18.25 g/t Au, 1.33% Cu 2.0m @11.03 g/t Au, 0.20% Cu 16MYC0048 incl. 1.0m @ 19.59 g/t Au, 0.24% Cu 41.0m @ 2.10g/t Au, 0.19% Cu 16MYC0063 2.0m @ 2.52g/t Au, 0.06% Cu 18MYC0156 18MYC0154 1.0m @ 1.12 g/t Au, 0.10% Cu 4.0m @ 0.75 g/t Au, 0.05% Cu 1.0m @ 0.47 g/t Au, 0.10% Cu WACA 18MYC0158 1.0m @ 1.27 g/t Au, 0.10% Cu South 1.0m @ 1.55 g/t Au, 0.02% Cu

2018 Exploration Programme

- RC programme focused on identifying new mineralisation in close proximity to existing high-grade Minyari and WACA Mineral Resources
- Discovery of new zones of significant mineralisation at Minyari South and Judes highlight the potential to increase Minyari Dome high-grade gold-copper resources

Drilling Highlights

- Initial drilling at Minyari South (located 300m south of the Minyari deposit) intersected thick high-grade gold-copper-cobalt mineralisation
 - 18.0m at 3.05 g/t Au, 0.32% Cu and 0.05% Co from 47m
- Judes drilling (1.6km northwest of the Minyari deposit) intersected significant high-grade copper-silvergold mineralisation:
 - 45.0m at 0.56% Cu, 0.10 g/t Au and 2.21 g/t Ag from 72m; including
 - 10.0m at 2.05% Cu, 0.19 g/t Au and 9.11 g/t Ag from 106m
- Jude's strike length 150m and open in all directions
- Additional targets requiring follow-up include Gonzo, Minyari North, Minyari West and WACA South

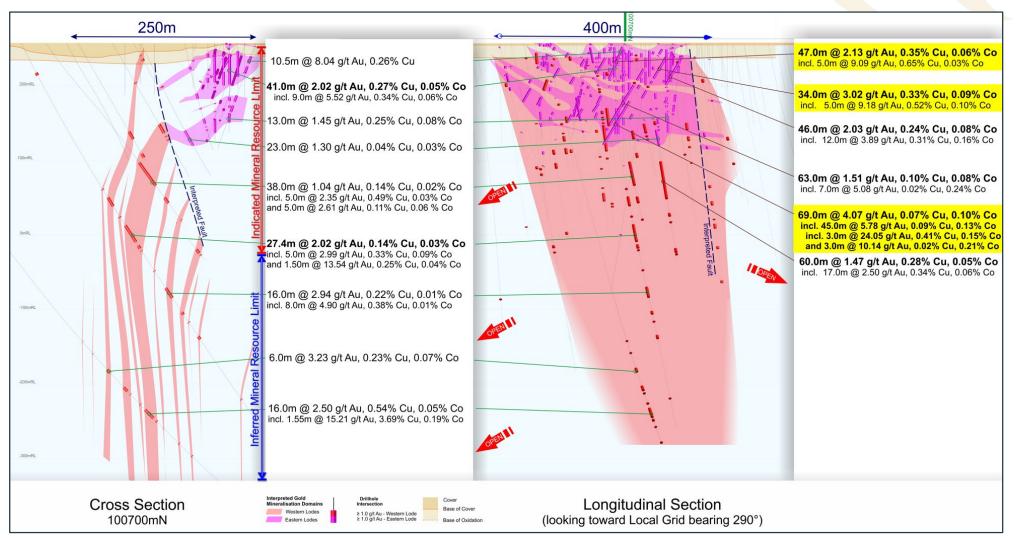
Next Steps

- Additional geophysical surveys at Judes and Minyari South to "map" sulphide mineralisation
- Target evaluation and follow-up drill planning
- Objective to identify sufficient resources to support a production opportunity including nearby deposits at Tim's Dome, Chicken Ranch and Turkey Farm

APPENDIX

MINYARI DOME -

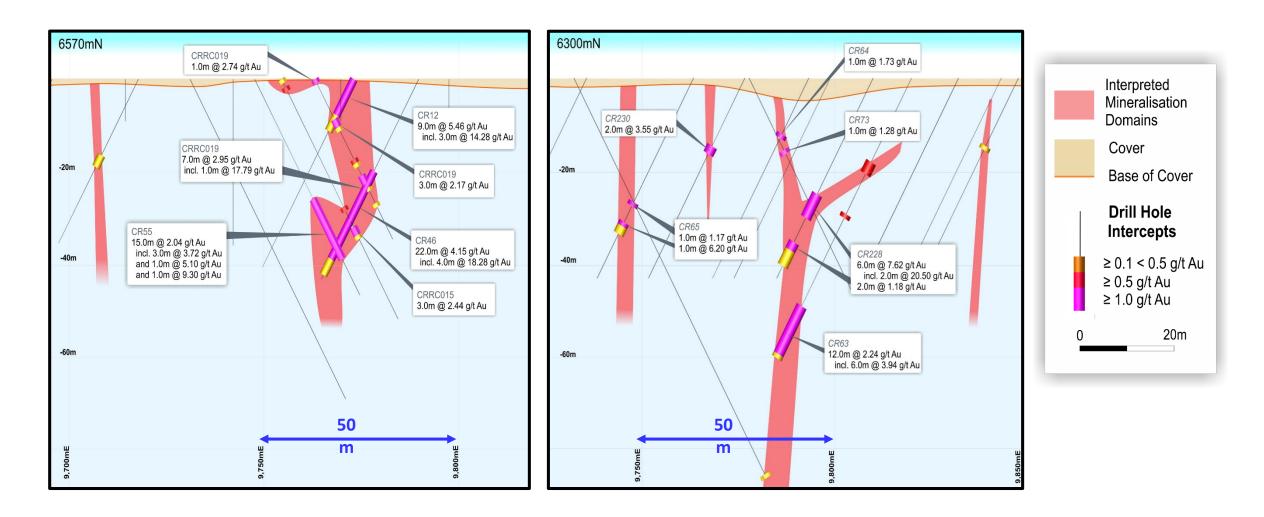
Established High-grade Shallow Au-Cu-Ag-Co Resource



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CHICKEN RANCH -

Shallow High-Grade Gold Resource with growth potential

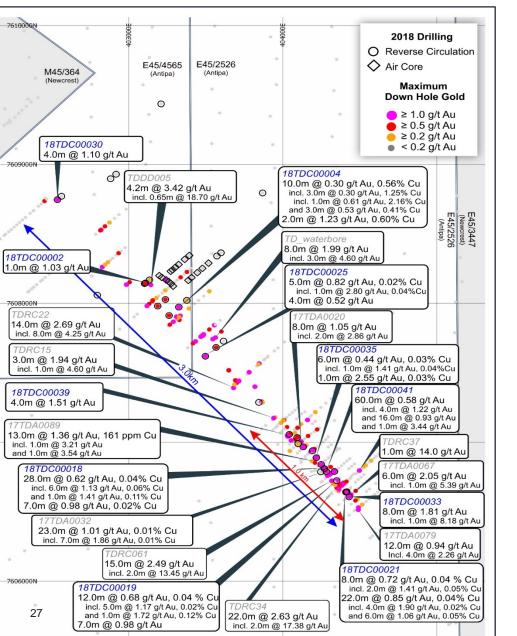


APPENDIX

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TIM'S DOME -

Established Shallow Gold Resource



Tim's Dome

- 12 km along strike of the giant Telfer gold-copper-silver mine and 35 km from Minyari-WACA
- Gold ± copper mineralisation occurs from as shallow as 1m from surface
- Up to 200m wide gold bearing corridor over 3km long (within broader 8km trend)
- Re-emergence of Telfer Dome structures and Telfer mine host sequence
- Potential for high-grade Telfer Reef and Vein Style mineralisation

Large Exploration Upside

- Thin cover with ineffective historic shallow geochem style drilling
- Drilling returned significant zones of thick gold mineralisation with similar or higher grades to Newcrest's nearby Telfer gold mine open pit resource grade¹
- 8km long gold-copper mineralisation trend identified from historical exploration
- Drilling status prior to 2018:
 - Limited broad spaced drill testing
 - Average vertical hole depth just 45m
 - Only 17 holes deeper than 140m below the surface

Next Steps

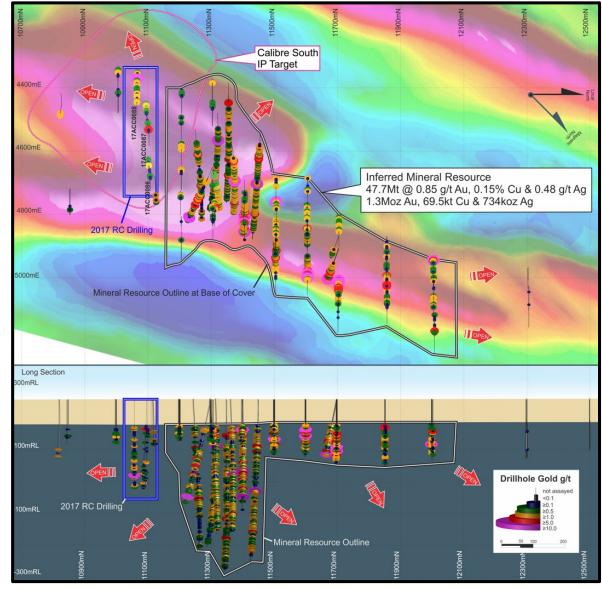
- Evaluate potential to expand Mineral Resource
- Geophysical survey/s to evaluate:
 - Additional 1.5km strike of the eastern reef-style target trend
 - 1.0 x 1.0km northern target area for Telfer stockwork and I30 mineralisation styles
 - Several targets on the western side of Tim's Dome

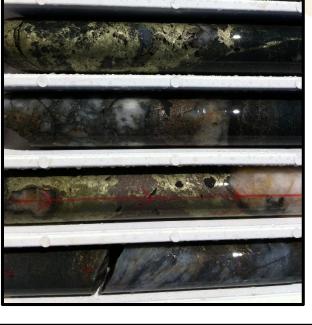
 Newcrest Mining Ltd 2018 Annual Report (Page # 30 – Telfer Main Dome and West Dome Open Pit resources): www.newcrest.com.au/media/annual_reports/Newcrest_Annual_Report_2018_1.pdf

ANTIPAMINERALS ASX:AZY

CALIBRE DEPOSIT (Rio Tinto Farm-in) –

Significant Au-Cu-Ag-W Resource with growth potential







APPENDIX

ANTIPAMINERALS ASX:AZY

COMPETENT PERSONS STATEMENT –

Exploration Results

The information in this report that relates to the Exploration Results is extracted from the following:

Reports entitled various relating to Antipa's Paterson Province projects created between 2 September 2011 and 17 May 2019, including:

- Report entitled "Citadel Project VTEM Electromagnetic Survey Extends Existing Magnum Target Area and Defines New Generation of High Priority Targets" created on 2 September 2011;
- Report entitled "Citadel Project Corker and Magnum Drilling Update" created on 13 June 2012;
- Report entitled "Citadel Project Corker and Magnum Second Drilling Update" created on 2 July 2012;
- Report entitled "Citadel Project Drilling Update Exploration Upside Expanded" created on 3 August 2012;
- Report entitled "Citadel Project Phase 2 Drilling Programme Twin Success" created on 13 December 2012;
- Report entitled "Calibre and Magnum Mineral Resources JORC 2012 Updates" created on 23 February 2015;
- Report entitled "Calibre Deposit Drilling Update (No 1)" created on 18 June 2015;
- Report entitled "Calibre Deposit Drilling Update (No 2)" created on 02 July 2015;
- Report entitled "Calibre Deposit Drilling Update (No 3)" created on 10 July 2015;
- Report entitled "Calibre Deposit Drilling Update (No 4)" created on 28 July 2015;
- Report entitled "Calibre 2015 Phase 2 RC Drilling Update No. 3" created on 17 November 2015;
- Report entitled "Calibre 2015 Drilling Phase 2 Results" created on 16 December 2015;
- Report entitled "Rio Tinto Antipa Citadel Project Joint Venture" created on 9 October 2015;
- Report entitled "High Grade Gold Mineralisation at Minyari Dome" created on 8 February 2016;
- Report entitled "Citadel Project Exploration Update" created on 15 March 2016;
- Report entitled "Citadel Project Commencement of IP Survey" created on 24 March 2016;
- Report entitled "Minyari Drilling May 2016 No. 1" created on 2 May 2016;
- Report entitled "Minyari Phase 2016 Phase 1 Drilling Programme Commences" created on 2 June 2016;
- Report entitled "Citadel Project IP Survey Identifies Multiple Chargeability Anomalies along 20km Calibre Trend" created on 24 June 2016;
- Report entitled "Minyari Reprocessed IP Survey Results" created on 5 July 2016;
- Report entitled "Minyari Drilling Update" created on 20 July 2016;
- Report entitled "Completion of Phase 1 Minyari Deposit RC Drilling Programme" created on 9 August 2016;
- Report entitled "Minyari Drilling Update No. 3" created on 17 August 2016;
- Report entitled "New Gold Opportunity Tim's Dome South" created on 22 September 2016;
- Report entitled "Minyari Drilling Update No. 4" created on 29 September 2016;
- Report entitled "Citadel Project Rio JV Exploration Update RC Drilling Programme" created on 10 October 2016;
- Report entitled "Citadel Project Rio JV RC Drilling Programme Commences" created on 28 October 2016;
- Report entitled "North Telfer Project Phase 2 Exploration Programme Commences" created on 31 October 2016;
- Report entitled "North Telfer Project and Citadel Project Phase 2 Exploration Programme Update" created on 16 November 2016;
- Report entitled "Antipa 100% Owned North Telfer Project Minyari Dome Drilling Update No. 1" created on 16 December 2016;
- Report entitled "Citadel Project 2016 Phase 2 Drilling Programme Update No.2 Drilling Identifies 4.8km Copper System at Rimfire" created on 16 January 2017;
- Report entitled "Minyari Dome and Citadel Phase 2 Update" created on 9 February 2017;
- Report entitled "Minyari Dome 2017 Exploration Programme" created on 27 March 2017;
- Report entitled "Citadel Project Rio Funded 2017 Exploration Programme" created on 12 April 2017;
- Report entitled "Rio Tinto Elects to Proceed to Stage 2 of Citadel Farm-In" created on 12 April 2017;
- Report entitled "Minyari Dome 2017 Exploration Programme Commences" created on 13 April 2017;
- Report entitled "Citadel Phase 1 Exploration Programme Commences" created on 13 June 2017;
- Report entitled "Drilling extends High-Grade Gold Mineralisation at WACA" created on 25 July 2017;
- Report entitled "Antipa Secure High Grade Gold Chicken Ranch Deposit" created on 2 August 2017;
- Report entitled "High-Grade Gold Mineralisation Strike Extensions at Minyari Deposit" created on 4 August 2017;

- Report entitled "Company Update June 2017" created on 13 June 2017;
- Report entitled "High Grade Gold intersected at North Telfer Project" created on 21 June 2017;
- Report entitled "Minyari Dome Phase 1 Final Assay Results Further Drilling Commencing September" created on 31 August 2017;
- Report entitled "Citadel Project Exploration Update" created on 2 October 2017;
- Report entitled "North Telfer and Paterson Projects Exploration Update" created on 16 October 2017;
- Report entitled "Citadel Project Exploration Update" created on 8 November 2017;
- Report entitled "Minyari/WACA Deposits Maiden Mineral Resources" created on 16 November 2017;
- Report entitled "Calibre Deposit Mineral Resource Update" created on 17 November 2017;
- Report entitled "Minyari/WACA Air Core Drill Results" created on 5 December 2017;
- Report entitled "Antipa Consolidates Paterson Province Position" created on 21 December 2017;
- Report entitled "Minyari Dome Air Core Drilling Results" created on 29 January 2018;
- Report entitled "Tim's Dome Air Core Drilling Results" created on 31 January 2018;
- Report entitled "Citadel Project 2017 Exploration Update" created on 7 February 2018;
- Report entitled "RIU Explorer's Conference Presentation" created on 22 February 2018;
- Report entitled "Citadel Project 2018 Exploration Programme" created on 27 March 2018;
- Report entitled "Antipa to Commence Major Exploration Programme" created on 1 June 2018;
- Report entitled "Major Exploration Programme Commences" created on 25 June 2018;
- Report entitled "2018 Exploration Programme Update" created on 16 July 2018;
- Report entitled "Minyari Dome Initial Drill Results" created on 1 August 2018;
- Report entitled "2018-19 Exploration Programme Overview and Update August" created on 15 August 2018;
- Report entitled "Minyari Dome Excellent Metallurgical Test-work Results" created on 27 August 2018;
- Report entitled "Rio Tinto Resumes Drilling at the Citadel Farm-in Project" created on 15 August 2018;
- Report entitled "Tims Dome IP Survey Identifies Multiple Gold-Copper Targets" created on 4 September 2018;
- Report entitled "Further High-grade Gold Mineralisation at Chicken Ranch" created on 15 September 2018;
- Report entitled "Thick High-grade Copper Mineralisation Intersected" created on 2 October 2018;
- Report entitled "Multiple High Grade Gold-Copper Targets Identified" created on 15 October 2018;
- Report entitled "Chicken Ranch and Minyari Dome Drilling Update" created on 15 November 2018;
- Report entitled "Citadel Project Rio Tinto Joint Venture Aerial Electromagnetic Survey to Identify Gold-Copper Targets" created on 20 November 2018;
- Report entitled "Expanded Greenfield Programme in Paterson Province Commences" created on 10 December 2018;
- Report entitled "Rio Tinto Farm-in Project 2018 Exploration Update" created on 11 December 2018;
- Report entitled "Resource Growth Potential and Additional Brownfields Targets" created on 11 December 2018;
- Report entitled "Greenfield Programme Identifies Havieron Lookalike Anomalies" created on 14 February 2019;
- Report entitled "Antipa to Commence Major Greenfields Exploration Programme" created on 18 February 2019;
- Report entitled "RIU Explorers Conference Presentation Materials" created on 19 February 2019;
- Report entitled "Investor Presentation" created on 25 March 2019;
- Report entitled "Multiple Gold-Copper Targets identified at Citadel Project" created on 25 March 2019;
- Report entitled "Indicative \$3.4M 2019 Citadel Exploration Programme" created on 27 March 2019;
- Report entitled "Major Greenfields Drilling Programme Commences" created on 7 May 2019;
- Report entitled "Chicken Ranch and Tims Dome Maiden Mineral Resources" created on 13 May 2019; and
- Report entitled "Citadel Rio Tinto/Antipa Farm-in Project \$3.4M 2019 Exploration Programme" created on 16 May 2019.

All of which are available to view on <u>www.antipaminerals.com.au</u> and <u>www.asx.com.au</u>. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements.

The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

COMPETENT PERSONS STATEMENT – Mineral Resources

Competent Persons Statement – Mineral Resource Estimations for the Minyari-WACA Deposits, Calibre Deposit, Magnum Deposit and Chicken Ranch Area Deposits and Tim's Dome Deposit

The information in this report that relates to relates to the estimation and reporting of the Minyari-WACA deposits Mineral Resources is extracted from the report entitled "*Minyari/WACA Deposits Maiden Mineral Resources*" created on 16 February 2018, the Calibre deposit Mineral Resource information is extracted from the report entitled "*Calibre Deposit Mineral Resource Update*" created on 17 February 2018 and the Magnum deposit Mineral Resource information is extracted from the report entitled "*Calibre and Magnum Deposit Mineral Resource JORC 2012 Updates*" created on 23 February 2015, the information in this report that relates to relates to the estimation and reporting of the Chicken Ranch Area Deposits and Tim's Dome Deposit Mineral Resources is extracted from the report entitled "*Chicken Ranch and Tims Dome Maiden Mineral Resources*" created on 13 May 2019, all of which are available to view on www.antipaminerals.com.au and www.asx.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form the original market announcements.

Gold Metal Equivalent Information

Magnum Mineral Resource AuEquiv cut-off grade – Gold Equivalent (AuEquiv) details of material factors and metal equivalent formula are reported in "Calibre and Magnum Mineral Resources JORC 2012 Updates" created on 23 February 2015 (www.antipaminerals.com.au/wp-content/uploads/2018/02/2015-02-23.pdf).

Calibre Mineral Resource AuEquiv cut-off grade – Gold Equivalent (AuEquiv) details of material factors and metal equivalent formula are reported in "Calibre Deposit Mineral Resource Update" created on 17 February 2018 (www.antipaminerals.com.au/wp-content/uploads/2017/12/Calibre-Deposit-Mineral-Resource-Update.pdf).



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