MEDIA RELEASE
29 January 2018

MINYARI DOME
FINAL 2017 AIR CORE DRILLING RESULTS
MULTIPLE TARGETS GENERATED AT MINYARI/WACA

Highlights

- **Final assays now received from 12,571m Phase 2 Minyari Dome reconnaissance air core drilling programme.**
- **Significant Minyari and WACA deposit extensional exploration targets and mineralised trends identified including:**
    - **Minyari South - Located 150m south-southwest of the Minyari deposit;**
    - **WACA South – Located 220m southeast of the WACA deposit;**
    - **Fozzie - Located 700m north-northwest of the WACA deposit;**
    - **Judes West - Located 2.4km north of the Minyari deposit; and**
    - **Minyari West - Located 430m west of the Minyari deposit.**
- **Future exploration within the Minyari Dome will be directed at these significant opportunities to increase the existing gold/copper/cobalt resource base.**

Antipa Minerals Ltd ("Antipa" or the "Company") (ASX:**AZY**) is pleased to announce that assays have been received for all air core holes drilled at Minyari Dome as part of the 2017 Phase 2 exploration programme, which have identified a number of high priority targets for the Company to follow up with RC drilling in 2018 to add to the growing Minyari Dome mineral resource base and development opportunity.

The air core drilling programme was purely reconnaissance in nature. It should be noted that air core drilling is a first pass geochemical exploration method that only indicates the potential of an area or trend. Whilst results can be low grade, they indicate a higher likelihood for significant gold mineralisation to be nearby or at depth. Furthermore, gold and other mineralisation pathfinder elements can be depleted in the oxide zone close to the surface which, depending on a variety of local geological factors, can further affect grades.

2017 Minyari Dome Phase 2 Programme

The main objectives of the Phase 2 Programme at the Minyari Dome were:

- To identify possible strike length extensions of the existing Minyari and WACA deposits; and
- Discover additional open pittable gold ± copper ± cobalt mineralisation.

These objectives have been met by the discovery of new mineralisation trends along strike from both the Minyari and WACA deposits and the identification of several anomalous areas representing additional open pittable gold ± copper ± cobalt exploration targets (Figure 1).

- Minyari South:
    - Located 150m south-southwest of the Minyari deposit;

- Infill holes confirm gold-copper-arsenic-bismuth anomalism extending east-west (+100m) and north-south (+200m):
  - Re-entry and extension of air core drill hole 17MDA0100 resulted in 6.0m at 9.28 g/t gold from 31m (incl. 2.0m at 25.25 g/t gold from 32m and 0.05% copper – Figure 2); and
  - Infill air core hole 17MDA0423 intersected 23.0m at 0.04 g/t gold and 0.04% copper from 4m, including 3.0m at 0.24 g/t Au and 0.13% copper from 24m to EOH.
- Related to possible fault-offset, and thereby extension, of the existing Minyari deposit.

- Fozzie:
  - Located +700m north-northwest of the WACA deposit;
  - Infill air core drill holes extend gold-arsenic-cobalt-bismuth anomalism 100m east-west and 400m north-south:
    - Infill air core hole 17MDA0452 intersected 8.0m at 0.09 g/t gold, 0.05% copper and 193ppm cobalt.
  - New mineralised trend.

- WACA South:
  - Located 220m southeast of the WACA deposit;
  - Infill holes north and south of initial anomalous hole (17MDA0139) show anomalous values indicating +150m strike length and open:
    - 17MDA0467 (re-drill of anomalous air core drill hole 17MDA0139 which prematurely terminated at 6m) intersected 8.0m at 0.45 g/t gold and 0.05% copper from 4m including 4.0m at 0.12 g/t gold and 0.02% copper from 25m; and
    - 17MDA0472 intersected 16.0m at 0.15 g/t gold from surface.
  - Significant opportunity to increase the southern strike extent of WACA.

- Judes West:
  - Located 2.4km north of Minyari deposit;
  - Air core drill hole 17MDA0391 intersected 12.0m at 0.04 g/t gold and 0.04% copper;
  - Gold-bismuth anomalism observed over 180 strike metres north and south of historical RC drill hole MHR69 which intersected 4m at 6.61 g/t gold from 88m.

- Minyari West:
  - Located 430m west of Minyari;
  - Infill air core drill hole 17MDA0435 intersected 20.0m at 0.10 g/t gold and 0.02% copper from surface to end of hole;
  - Associated gold-arsenic-bismuth-copper anomalism in adjacent 50m spaced air core drill holes.

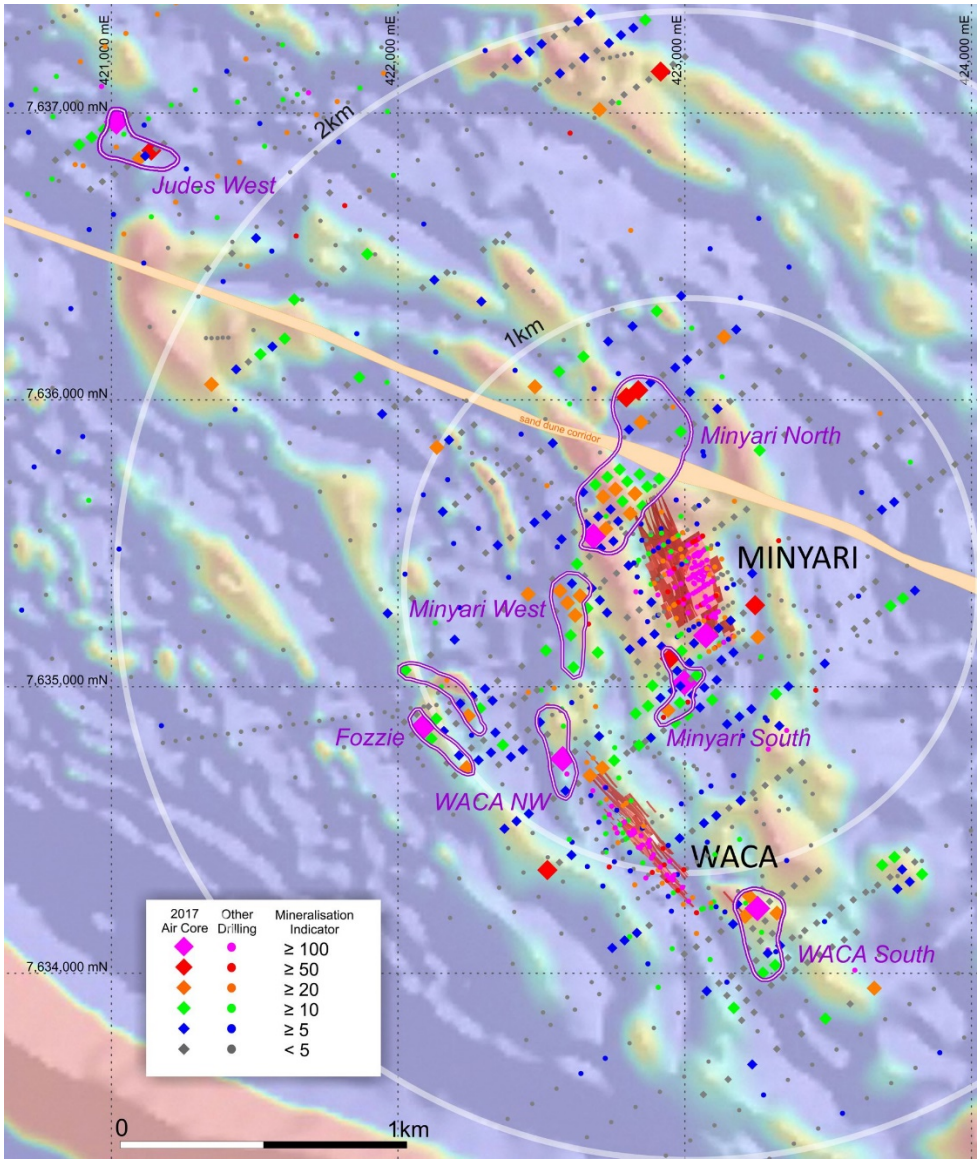

Figure 1: Plan view of the southern region of the Minyari Dome showing prospects, deposits and target locations, and drill holes annotated by "Mineralisation Indicator" (i.e. *Au ppm x 100 + Ag ppm x 10 + Bi ppm + Cu ppm/100 + Co ppm/100 + As ppm/100)* maximum value within 60m of surface.

For further detail refer to individual metal and mineralisation pathfinder element maps provided by Figures 4 to 8.

NB: Over airborne magnetic image (50m flight-line spacing at an altitude of 30m; Pseudo-colour First Vertical Derivative) and Regional GDA94 / MGA Zone 51 co-ordinates, 1km grid.

Figure 2: Drill chip from 33.0 to 34.0m interval of air core drill hole 17MDA0100 (28.9 g/t gold and 0.07% copper) with thin iron oxide (possibly ex-sulphide mineralisation) and quartz veining within altered siltstone.

Drilling Programme Details

Initially the Company planned to drill only 11,000m at Minyari Dome, however initial assay results warranted immediate follow-up and in total an additional 1,600m of air core drilling was completed (refer Press Release of 5 December 2017).

The Minyari Dome Air Core drilling programme involved the completion of 473 holes for 12,571 metres at an average drill hole depth of 29m, across 4 to 12 strike kilometres of the Minyari Dome. The majority of the 473 air core drill holes are drilled on a nominal 50m along section and 100m across section basis, testing various geological, geophysical and geochemical targets. Infill air core drilling was completed on a 25m sectional basis.

Minyari Dome, Tim's Dome and Chicken Ranch (All 100% owned) – Overview

Antipa now has four mineral deposits within 35km of each other (Figure 3) and all with mineralisation commencing at or close to surface:

- Minyari and WACA are situated within the Minyari Dome and are approximately 40km from Newcrest's world-class Telfer gold-copper-silver mine in the Paterson Province of Western Australia. Antipa recently released a maiden Indicated and Inferred Mineral Resource for Minyari-WACA of 11.0Mt grading 2.0 g/t gold, 0.24% copper and 380ppm cobalt for 723,000 ounces of gold, 26,000 tonnes of copper and 4,000 tonnes of cobalt.
- Tim's Dome, situated 35km southwest of the Minyari-WACA deposits and only 12km from the Telfer Mine, has significant gold mineralisation from near surface extending over a strike length in excess of 4km.
- Chicken Ranch, situated 25km south-east of the Minyari-WACA deposits and only 15km from the Telfer Mine, has significant gold mineralisation along approximately 3km of strike over several parallel trends.

The objective of the Company moving forward in 2018 is to carry out air core, reverse circulation ± diamond drilling programmes across these four deposits and surrounding targets to build up a major, stand-alone production opportunity with a gold-copper±cobalt processing facility treating multiple satellite sources of ore.

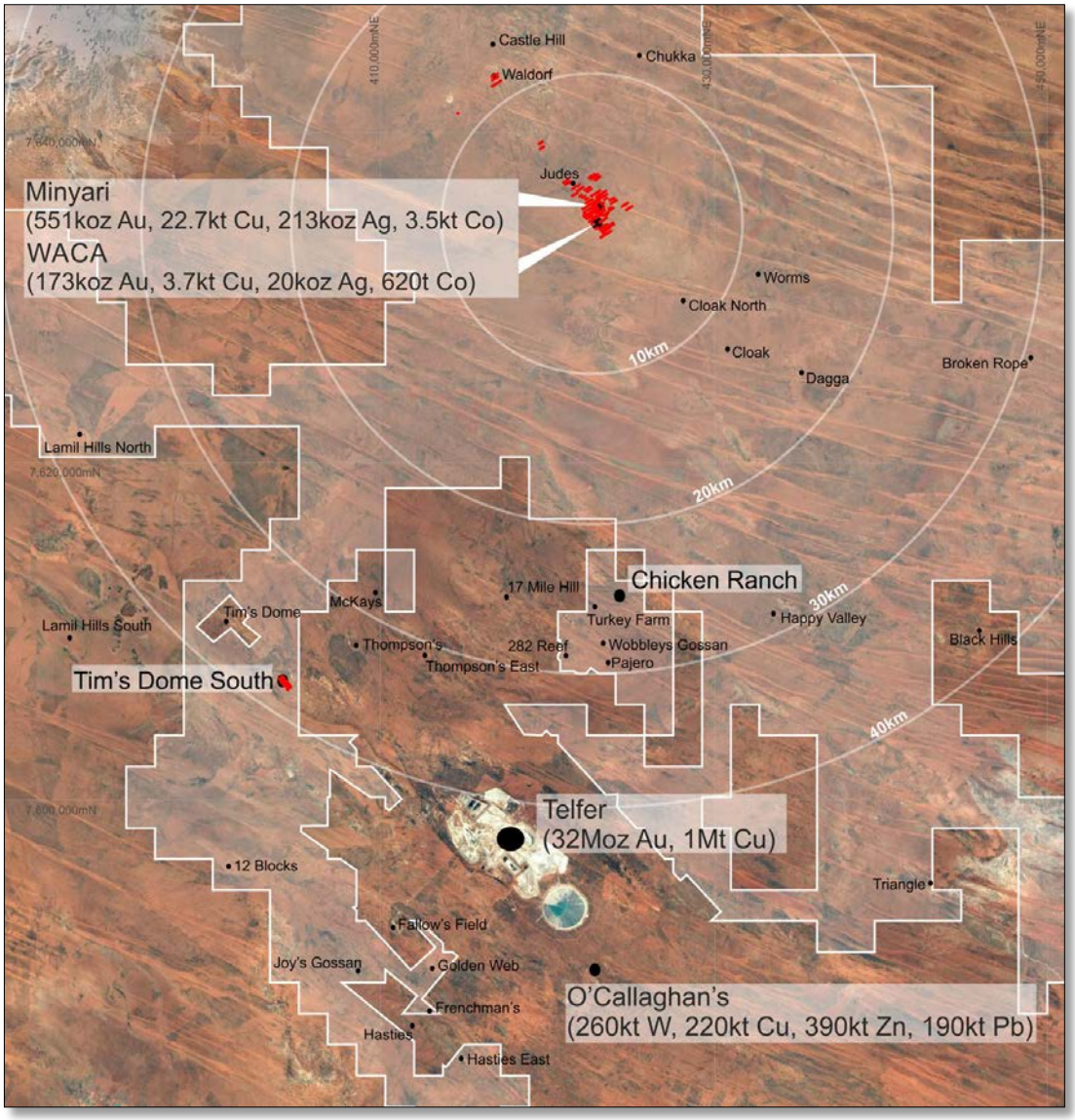

Figure 3: Phase 2 Air Core drilling locations (in red) with satellite image background also showing location of the Minyari-WACA, Tim's Dome and Chicken Ranch areas, Antipa tenements and Newcrest Mining Ltd's Telfer mine and O'Callaghans deposit. **NB: Regional GDA94 / MGA Zone 51 co-ordinates, 20km grid.**

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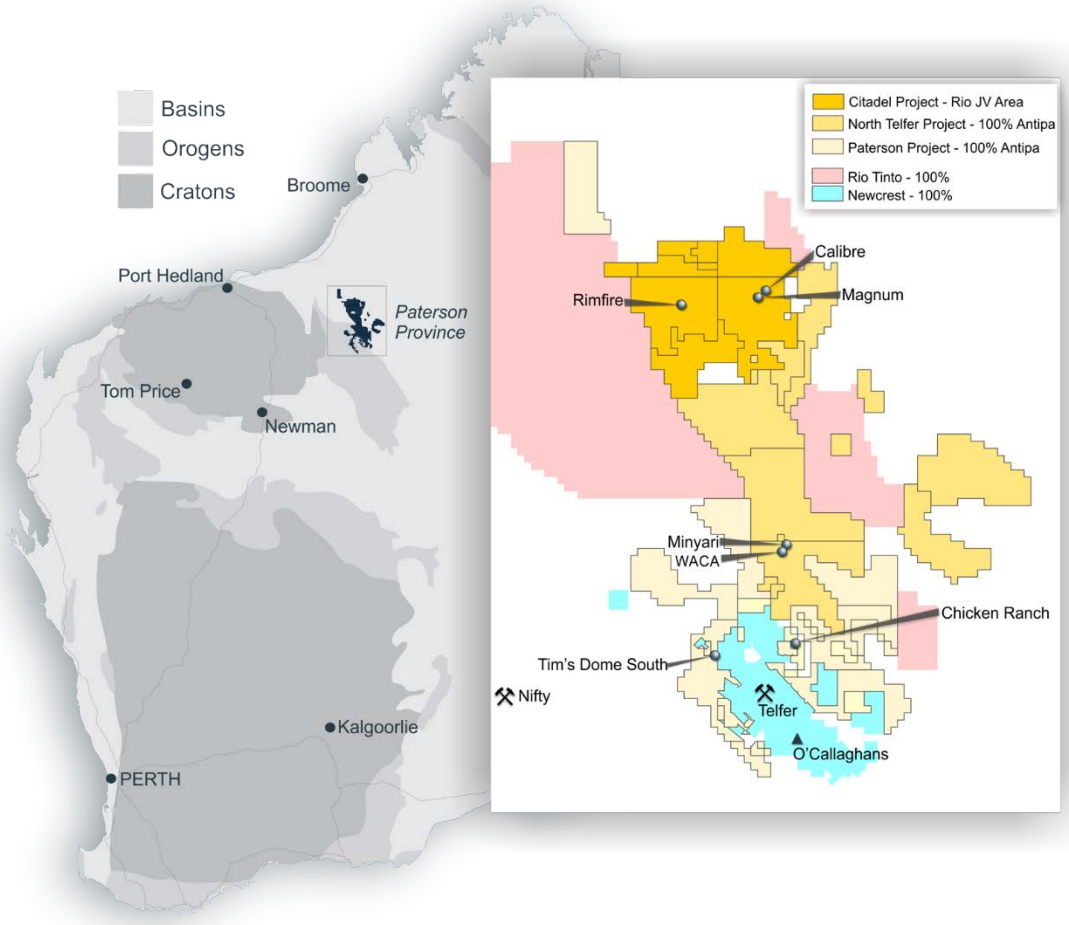
About Antipa Minerals:

Antipa Minerals Ltd is an Australian public company which was formed with the objective of identifying under-explored mineral projects in mineral provinces which have the potential to host world-class mineral deposits, thereby offering high leverage exploration potential. The Company owns a 1,335km^2 package of prospective granted tenements in the Paterson Province of Western Australia known as the Citadel Project. The Citadel Project is located approximately 75km north of Newcrest's Telfer gold-copper-silver mine and includes the gold-copper-silver±tungsten Mineral Resources at the Calibre and Magnum deposits and high-grade polymetallic Corker deposit. Under the terms of a Farm-in and Joint Venture Agreement with Rio Tinto Exploration Pty Limited ("Rio Tinto"), a wholly owned subsidiary of Rio Tinto Limited, Rio Tinto can fund up to $60 million of exploration expenditure to earn up to a 75% interest in Antipa's Citadel Project.

The Company has an additional 1,981km^2 of exploration licences (including both granted tenements and applications), known as the North Telfer Project which includes the gold-copper-silver±cobalt Mineral Resources at the Minyari and WACA deposits and extends its ground holding in the Paterson Province to within 20km of the Telfer Gold-Copper-Silver Mine and 30km of the O'Callaghans tungsten and base metal deposit. The Company has also acquired, from the Mark Creasy controlled company Kitchener Resources Pty Ltd, additional exploration licences in the Paterson Province which are now all granted and cover 1,527km^2 and the Company owns a further 223km^2 of exploration licences (including both granted tenements and applications), which combined are known as the Paterson Project, which comes to within 3km of the Telfer mine and 5km of the O'Callaghans deposit.



Competent Persons Statement – Exploration Results:

The information in this report that relates to the 2017 (October to November) Air Core Drilling Exploration Results is based on and fairly represents information and supporting documentation compiled by Mr Roger Mason, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Mason is a full-time employee of the Company. Mr Mason is the Managing Director of Antipa Minerals Limited, is a substantial shareholder of the Company and is an option holder of the Company. Mr Mason has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity being 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 Mason consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Competent Persons Statement – Mineral Resource Estimations for the Minyari-WACA Deposits:

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 November 2017, which is 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 and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

For completeness, the current Minyari Deposit and WACA Deposits Mineral Resource Statement is reproduced below:

Deposit and Au Cut-off Grade*	Resource Category	Tonnes (kt)	Au (g/t)	Cu (%)	Ag (g/t)	Co (ppm)	Au (oz)	Cu (t)	Ag (oz)	Co (t)
Minyari 0.5 Au	Indicated	3,160	1.9	0.30	0.7	590	193,000	9,500	75,700	1,860
Minyari 0.5 Au	Inferred	660	1.7	0.24	0.6	340	36,300	1,600	13,400	230
Minyari 0.5 Au	**Sub-Total**	**3,820**	**1.9**	**0.29**	**0.7**	**550**	**229,300**	**11,100**	**89,100**	**2,090**
Minyari 1.7 Au	Indicated	230	2.6	0.29	0.9	430	18,800	700	6,800	100
Minyari 1.7 Au	Inferred	3,650	2.6	0.30	1.0	370	302,400	10,900	117,200	1,360
Minyari 1.7 Au	**Sub-Total**	**3,870**	**2.6**	**0.30**	**1.0**	**380**	**321,200**	**11,600**	**124,000**	**1,450**
Minyari	**Total**	**7,700**	**2.2**	**0.29**	**0.9**	**460**	**550,500**	**22,700**	**213,100**	**3,540**
WACA 0.5 Au	Inferred	2,780	1.4	0.11	0.2	180	122,000	3,100	15,900	490
WACA 1.7 Au	Inferred	540	2.9	0.10	0.2	230	50,900	500	3,800	120
WACA	**Total**	**3,320**	**1.6**	**0.11**	**0.2**	**190**	**172,800**	**3,700**	**19,700**	**620**
Minyari + WACA Deposits	**Grand Total**	**11,020**	**2.0**	**0.24**	**0.7**	**380**	**723,300**	**26,400**	**232,800**	**4,160**

***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)

Various information in this report which relates to Exploration Results other than the 2017 (October to November) Air Core Drilling Exploration Results provided in this report have been extracted from the following announcements:

- Report entitled "*North Telfer Project Update on Former NCM Mining Leases*" created on 3 December 2015;
- Report entitled "*High Grade Gold Mineralisation at Minyari Dome*" created on 8 February 2016;
- Report entitled "*Minyari Deposit Drilling to Commence May 2016*" created on 2 May 2016;
- Report entitled "*Minyari Phase 1 Drilling Commences*" created on 2 June 2016;
- Report entitled "*Further Historical High-grade Gold Intersections at Minyari*" created on 14 June 2016;
- Report entitled "*Minyari Reprocessed IP Survey Results*" created on 5 July 2016;
- Report entitled "*Minyari Phase 1 Drilling Update No. 1*" 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 "*Minyari Dome - Phase 2 Exploration Programme Commences*" created on 31 October 2016;
- Report entitled "*North Telfer and Citadel Exploration Programme Update*" created on 16 November 2016;
- Report entitled "*Minyari Dome Drilling Update No. 1*" created on 16 December 2016;
- 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 "*Minyari Dome 2017 Phase 1 Exploration Programme Commences*" created on 13 April 2017;
- Report entitled "*Minyari Dome Positive Metallurgical Test Work Results*" created on 13 June 2017;
- Report entitled "*High-Grade Gold Intersected at North Telfer Project Revised*" created on 21 June 2017;
- Report entitled "*Drilling Extends High-Grade Gold Mineralisation at WACA*" created on 25 July 2017;
- Report entitled "*Antipa Secures High-Grade Chicken Ranch Deposit*" created on 2 August 2017;
- Report entitled "*High-Grade Gold Mineralisation Strike Extension at Minyari Deposit*" created on 4 August 2017;
- Report entitled "*Minyari Dome Phase 1 Final Assay Results*" created on 31 August 2017;
- Report entitled "*Minyari/WACA Deposits Maiden Mineral Resource*" created on 16 November 2017; and
- Report entitled "*Air Core Programme Highlights Minyari and WACA Deposit*" created on 5 December 2017.

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.

Forward-Looking Statements:

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Antipa Mineral Ltd's planned exploration programme and other statements that are not historical facts. When used in this document, the words such as "could," "plan," "estimate," "expect," "intend," "may," "potential," "should," and similar expressions are forward-looking statements. Although Antipa Minerals Ltd believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.

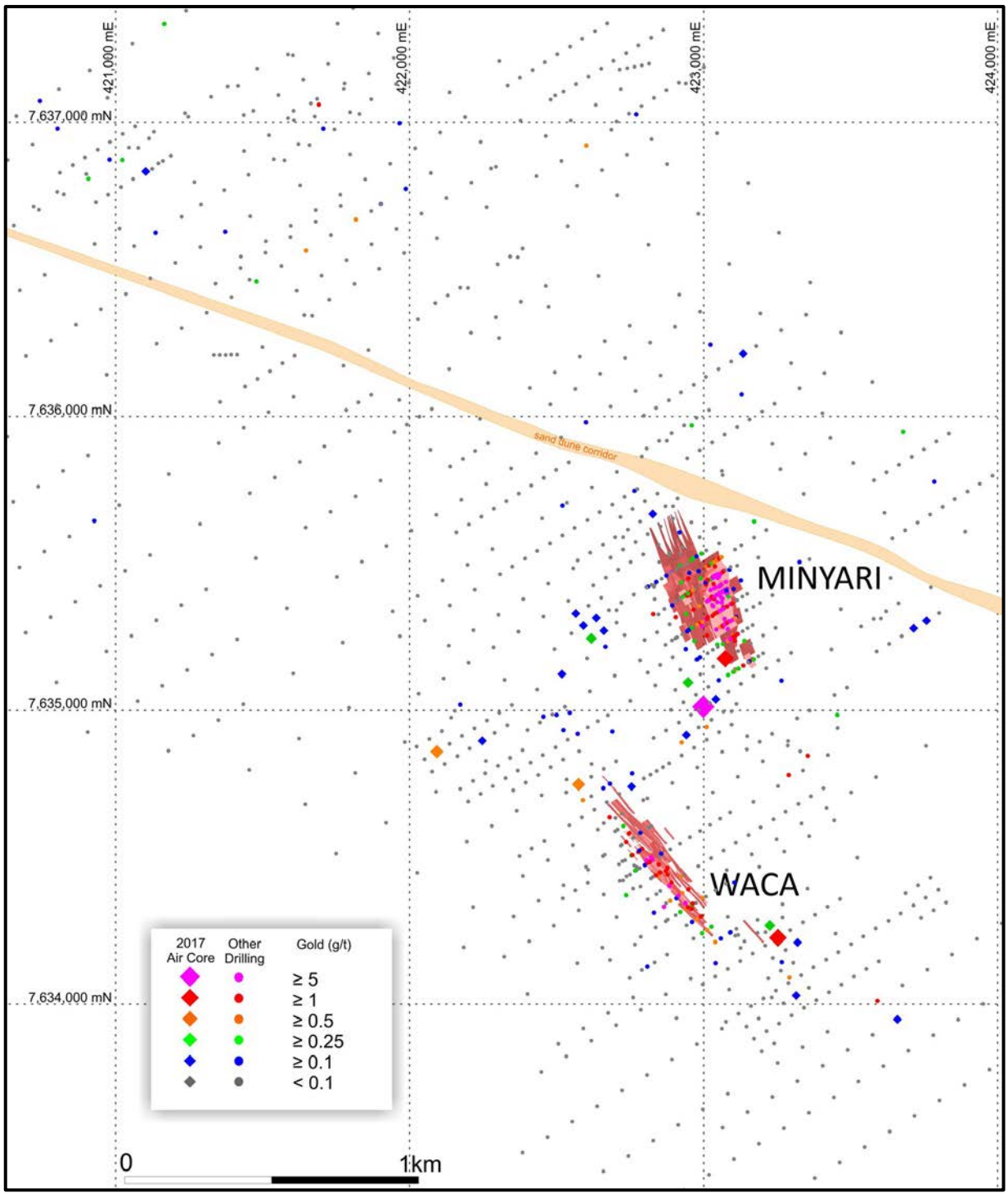


Figure 4: Plan view of the southern region of the Minyari Dome showing deposit locations and drill holes annotated by maximum downhole gold value within 60m of surface. **Regional GDA94 / MGA Zone 51 co-ordinates, 1km grid.**

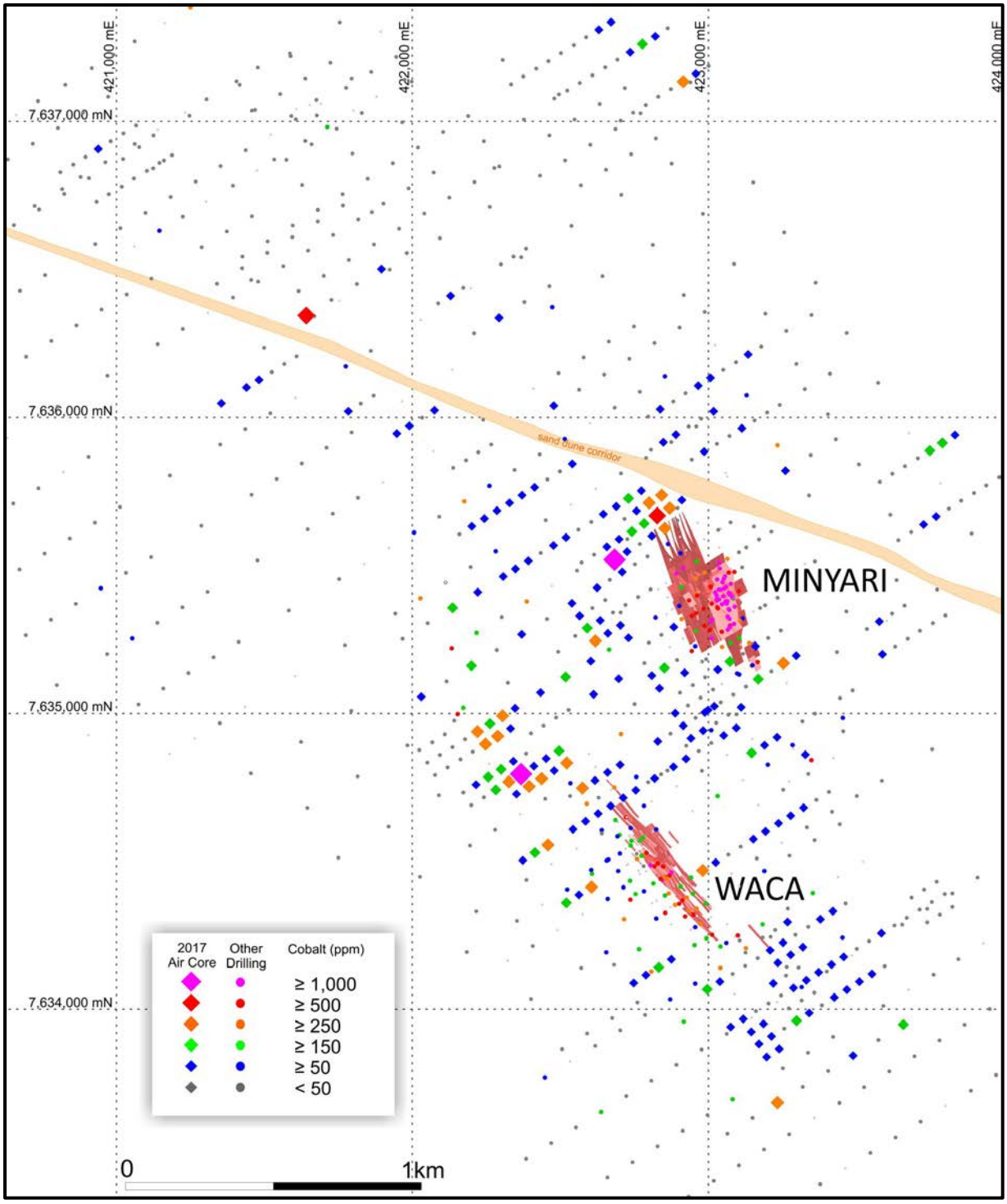


Figure 5: Plan view of the southern region of the Minyari Dome showing deposit locations and drill holes annotated by maximum downhole cobalt value within 60m of surface. **Regional GDA94 / MGA Zone 51 co-ordinates, 1km grid.**

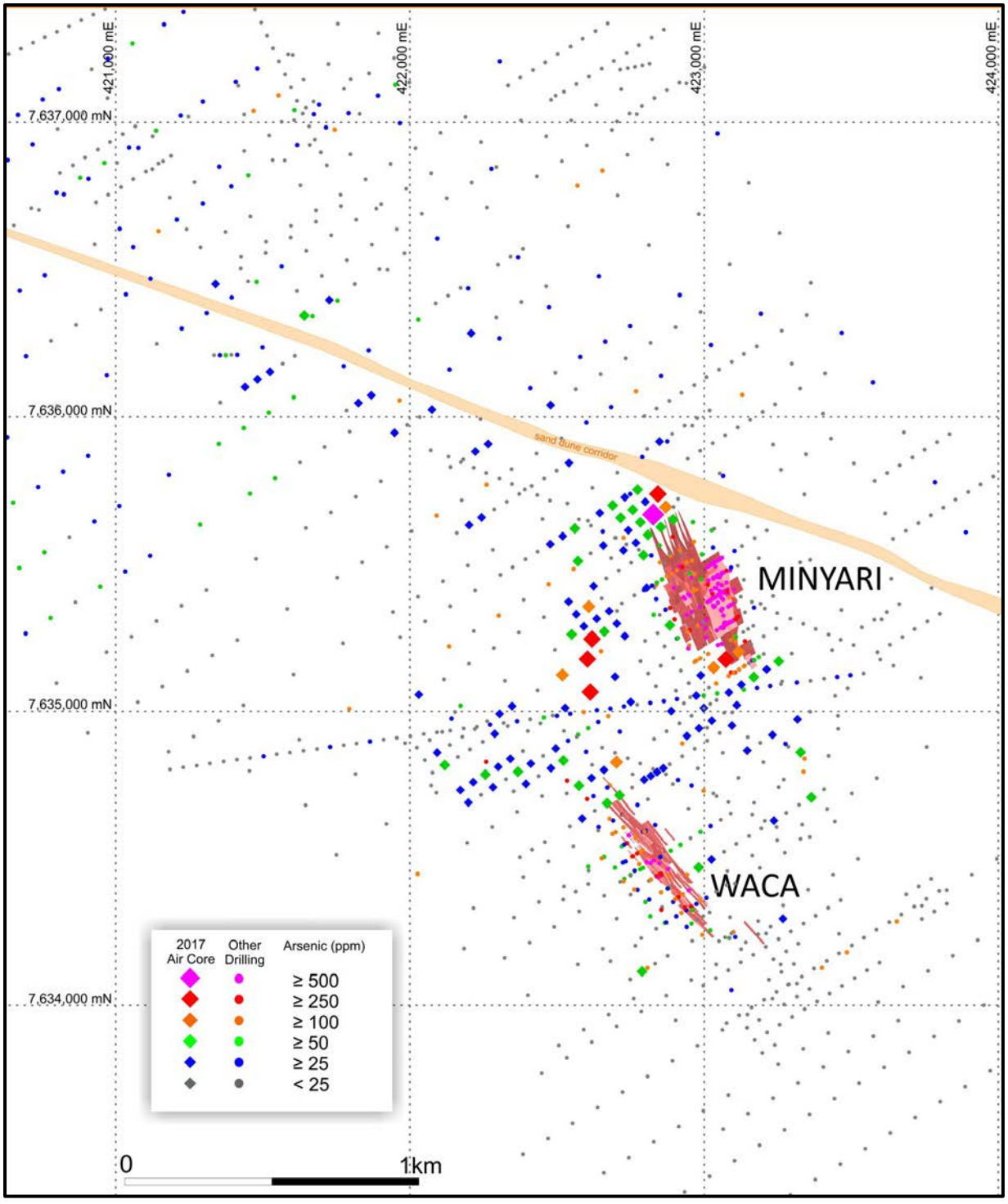


Figure 6: Plan view of the southern region of the Minyari Dome showing deposit locations and drill holes annotated by maximum downhole arsenic value within 60m of surface. **Regional GDA94 / MGA Zone 51 co-ordinates, 1km grid.**

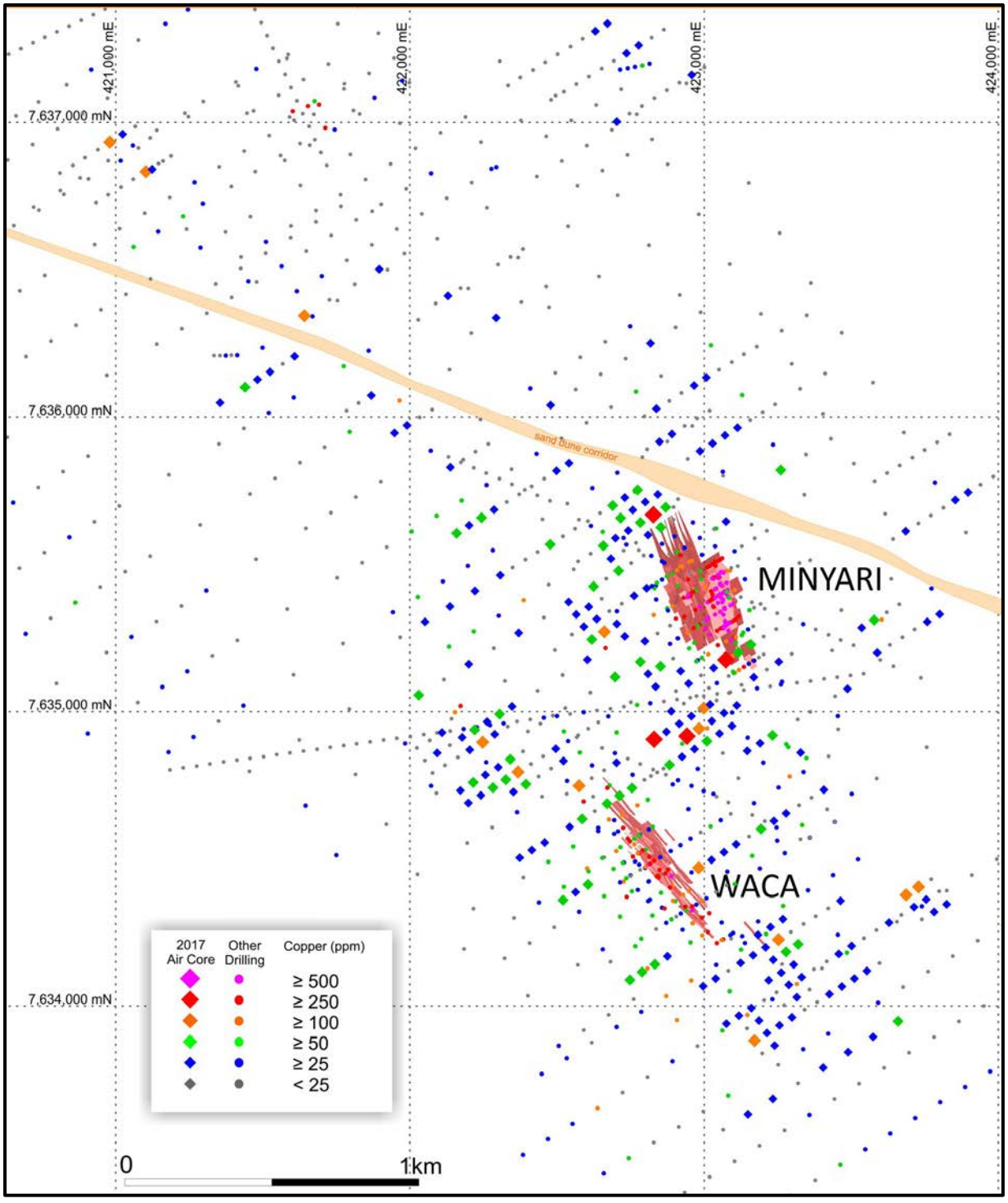


Figure 7: Plan view of the southern region of the Minyari Dome showing deposit locations and drill holes annotated by maximum downhole copper value within 60m of surface. **Regional GDA94 / MGA Zone 51 co-ordinates, 1km grid.**

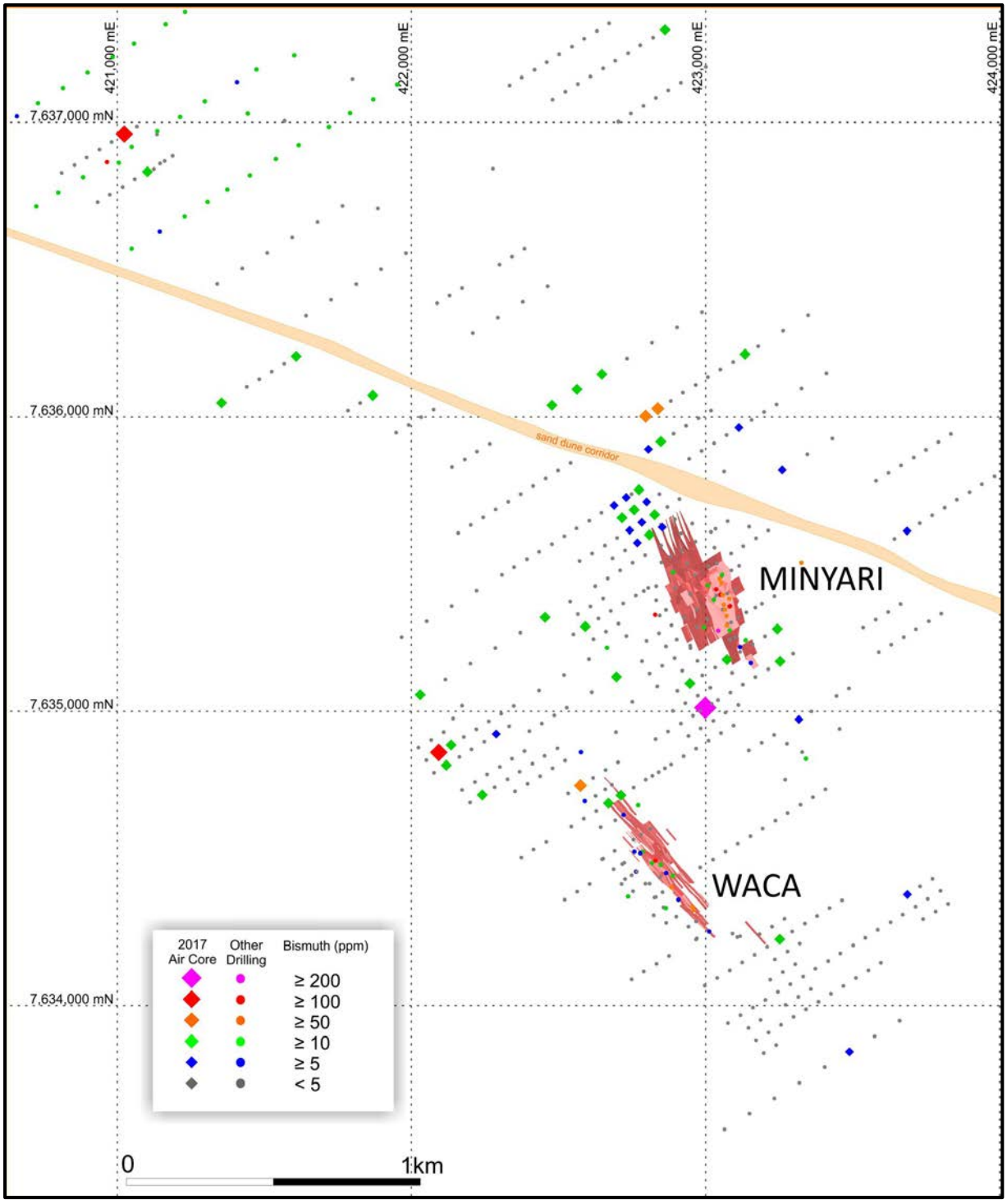


Figure 8: Plan view of the southern region of the Minyari Dome showing deposit locations and drill holes annotated by maximum downhole bismuth value within 60m of surface. **Regional GDA94 / MGA Zone 51 co-ordinates, 1km grid.**

Table 1: Minyari Dome 2017 Phase 2 Air Core Drill Hole Gold-Copper-Cobalt-Silver Key Assay Results (i.e. ≥ 1.0m with Au ≥ 0.1 g/t and/or Cu ≥ 200ppm and/or Co ≥ 200ppm and/or Ag ≥ 0.5 g/t)

Hole ID	From (m)	To (m)	Interval (m)	Gold (g/t)	Copper (ppm)	Cobalt (ppm)	Silver (g/t)
17MDA0100	30	31	1	0.14	146.70	77.60	0.03
17MDA0100	31	32	1	0.27	95.10	43.90	0.03
17MDA0100	32	33	1	21.55	315.30	40.20	0.05
17MDA0100	33	34	1	28.94	715.90	38.00	0.08
17MDA0100	34	35	1	0.85	135.50	31.50	0.03
17MDA0100	35	36	1	3.85	124.20	30.60	0.08
17MDA0100	36	37	1	0.23	65.60	26.50	0.09
17MDA0100	37	38	1	0.14	98.70	27.60	0.15
17MDA0270	12	16	4	0.00	179.30	35.60	0.74
17MDA0270	16	18	2	0.00	175.50	33.80	2.50
17MDA0271	16	20	4	0.00	22.80	11.30	0.72
17MDA0280	16	20	4	0.00	245.90	12.90	0.00
17MDA0281	16	20	4	0.00	125.40	3.20	0.52
17MDA0281	28	30	2	0.01	221.30	26.00	0.04
17MDA0282	12	16	4	0.00	208.70	10.90	0.02
17MDA0282	16	20	4	0.00	317.80	56.00	0.07
17MDA0282	20	23	3	0.00	410.10	105.10	0.08
17MDA0284	0	4	4	0.01	46.80	12.10	0.80
17MDA0284	4	8	4	0.01	28.50	3.00	1.55
17MDA0286	16	20	4	0.00	226.60	28.60	0.03
17MDA0288	0	4	4	0.01	250.10	84.90	0.07
17MDA0294	32	36	4	0.10	17.10	1.70	0.00
17MDA0294	80	84	4	0.18	29.80	62.90	0.20
17MDA0295	32	36	4	0.10	58.30	13.60	0.04
17MDA0320	28	30	2	0.00	10.60	206.90	0.00
17MDA0323	16	20	4	0.01	204.40	80.10	0.00
17MDA0326	0	4	4	0.01	33.50	9.70	0.55
17MDA0328	0	4	4	0.01	45.40	5.90	0.57
17MDA0335	20	24	4	0.00	235.60	142.50	0.03
17MDA0340	16	20	4	0.01	236.30	18.40	0.04
17MDA0340	20	24	4	0.01	613.00	108.60	0.03
17MDA0340	24	28	4	0.00	599.60	224.20	0.09
17MDA0340	28	32	4	0.00	998.90	598.40	0.10
17MDA0343	20	21	1	0.02	60.00	103.10	0.64
17MDA0345	24	26	2	0.01	147.00	46.10	2.56
17MDA0350	28	29	1	0.00	7.90	418.80	6.93
17MDA0361	4	8	4	0.01	26.90	2.50	0.59
17MDA0361	16	20	4	0.00	13.60	6.80	0.58
17MDA0365	8	12	4	0.00	208.40	79.50	0.06
17MDA0366	28	32	4	0.01	217.40	52.20	0.03
17MDA0382	24	28	4	0.03	231.80	8.00	0.00
17MDA0382	32	35	3	0.19	530.90	7.00	0.04
17MDA0383	18	19	1	0.01	7.70	33.90	6.01
17MDA0383	19	20	1	0.00	8.80	23.20	2.01
17MDA0389	20	24	4	0.00	14.10	7.60	1.10
17MDA0390	20	24	4	0.00	20.40	108.80	0.87
17MDA0391	24	28	4	0.00	399.90	14.10	0.02
17MDA0391	28	32	4	0.01	564.00	17.00	0.00
17MDA0395	24	26	2	0.01	30.10	247.80	4.86
17MDA0396	0	4	4	0.00	32.50	11.80	0.71
17MDA0397	0	4	4	0.01	10.40	7.40	0.66
17MDA0400	28	32	4	0.00	53.70	20.60	0.79
17MDA0401	24	28	4	0.00	19.30	0.50	1.37
17MDA0401	64	68	4	0.00	12.70	56.40	3.73
17MDA0402	40	44	4	0.06	387.00	86.40	0.16
17MDA0402	44	48	4	0.05	512.80	134.20	0.14
17MDA0402	48	52	4	0.01	225.90	98.40	0.07
17MDA0403	44	48	4	0.00	207.70	43.20	0.33
17MDA0403	48	52	4	0.01	357.70	182.00	0.20
17MDA0404	0	4	4	0.00	10.80	57.50	0.54
17MDA0421	28	32	4	0.00	200.90	9.80	0.04
17MDA0423	0	4	4	0.01	51.00	5.70	2.17
17MDA0423	4	8	4	0.02	198.90	15.00	0.51
17MDA0423	8	12	4	0.01	291.80	28.00	0.22
17MDA0423	12	16	4	0.01	224.80	5.80	0.16
17MDA0423	16	20	4	0.00	272.40	9.50	0.13
17MDA0423	20	24	4	0.01	478.30	32.50	0.24

Hole ID	From (m)	To (m)	Interval (m)	Gold (g/t)	Copper (ppm)	Cobalt (ppm)	Silver (g/t)
17MDA0423	24	27	3	0.24	1300.30	116.90	0.14
17MDA0424	12	16	4	0.01	218.40	32.50	0.06
17MDA0424	20	24	4	0.00	566.70	52.90	0.02
17MDA0424	24	27	3	0.03	953.70	65.30	0.03
17MDA0425	24	25	1	0.01	104.90	23.00	0.63
17MDA0430	0	4	4	0.01	46.00	5.40	1.04
17MDA0432	0	4	4	0.01	15.80	2.70	0.74
17MDA0435	4	8	4	0.31	112.40	18.20	0.00
17MDA0435	8	12	4	0.01	217.20	49.00	0.00
17MDA0435	12	16	4	0.05	216.60	77.80	0.00
17MDA0435	16	20	4	0.03	451.90	253.40	0.00
17MDA0436	0	4	4	0.11	99.00	20.50	0.07
17MDA0436	4	8	4	0.11	239.00	19.70	0.00
17MDA0436	12	16	4	0.01	265.40	14.70	0.00
17MDA0436	16	20	4	0.00	239.00	23.80	0.00
17MDA0436	20	24	4	0.00	414.90	56.50	0.00
17MDA0436	24	28	4	0.01	714.00	120.70	0.03
17MDA0439	24	25	1	0.24	66.20	131.20	0.56
17MDA0440	20	22	2	0.18	214.90	120.70	0.12
17MDA0441	8	12	4	0.02	239.50	47.90	0.03
17MDA0447	0	4	4	0.00	9.80	3.00	0.60
17MDA0449	0	4	4	0.00	8.40	9.60	0.96
17MDA0452	4	8	4	0.01	375.10	251.00	0.03
17MDA0452	8	12	4	0.16	541.70	135.60	0.00
17MDA0452	12	16	4	0.02	247.70	51.40	0.03
17MDA0453	4	8	4	0.01	210.40	327.10	0.01
17MDA0453	12	16	4	0.01	232.30	71.50	0.01
17MDA0454	28	32	4	0.00	18.40	6.20	0.66
17MDA0456	25	26	1	0.00	245.10	76.40	0.09
17MDA0456	26	27	1	0.00	302.40	46.10	0.25
17MDA0457	8	12	4	0.01	216.90	45.80	0.05
17MDA0459	4	8	4	0.00	266.60	71.20	0.03
17MDA0459	8	12	4	0.01	207.50	102.30	0.03
17MDA0462	20	23	3	0.00	122.50	263.60	0.03
17MDA0464	0	4	4	0.00	28.10	3.60	0.59
17MDA0464	15	16	1	0.00	5.00	323.50	0.06
17MDA0465	4	8	4	0.00	226.80	86.70	0.05
17MDA0465	8	12	4	0.01	254.40	167.70	0.09
17MDA0465	12	13	1	0.00	151.70	292.50	0.06
17MDA0467	4	8	4	0.16	595.40	44.40	0.08
17MDA0467	8	9	1	0.49	897.90	35.50	0.25
17MDA0467	9	10	1	0.44	560.30	35.30	0.17
17MDA0467	10	11	1	0.93	171.70	21.20	0.19
17MDA0467	11	12	1	1.09	237.60	19.30	0.14
17MDA0467	12	13	1	0.05	515.80	36.20	0.07
17MDA0467	13	17	4	0.03	363.70	58.00	0.14
17MDA0467	17	21	4	0.03	279.00	44.40	0.22
17MDA0467	21	25	4	0.02	288.30	27.00	0.20
17MDA0467	25	29	4	0.12	214.10	24.30	0.15
17MDA0468	8	12	4	0.03	273.90	63.40	0.06
17MDA0468	12	16	4	0.22	109.30	26.10	0.03
17MDA0468	16	18	2	0.10	66.20	15.80	0.03
17MDA0469	8	12	4	0.01	233.30	49.60	0.05
17MDA0469	16	20	4	0.00	283.60	41.80	0.05
17MDA0469	20	24	4	0.00	226.40	48.60	0.06
17MDA0472	8	12	4	0.30	183.30	25.10	0.04
17MDA0472	12	16	4	0.14	213.10	30.70	0.06

Notes (Key Assay Result Table above): *Intersections have not been composited from individual assays due to the reconnaissance geochemical nature of the 2017 Phase 2 Air Core programme. The following selection criteria apply:*

Interval Selection = Nominal cut-off grade scenarios:

- *≥ 0.1 g/t gold which also satisfy a minimum down-hole interval of 1.0m; or*
- *≥ 200ppm (or 0.02%) copper which also satisfy a minimum down-hole interval of 1.0m; or*
- *≥ 200ppm (or 0.02%) cobalt which also satisfy a minimum down-hole interval of 1.0m; or*
- *≥ 0.5 g/t silver which also satisfy a minimum down-hole hole interval of 1.0m.*
- *NB: In some instances, zones grading less than the cut-off grade/s have been included to highlight mineralisation trends.*

- *NB: For the purpose of highlighting significant (generally isolated) results some intersections may be included in the Table above which do not satisfy the criteria above.*
- *No top-cutting has been applied to assay results for gold, copper, cobalt or silver;*
- *Intersection true widths are unknown and would vary depending on the angle at which each individual drill hole intersects the mineralisation domain.*

Table 2: Minyari Dome – 2017 Phase 2 Air Core Drill Hole Collar Locations (MGA Zone 51/GDA 94)

Hole ID	Deposit / Target Area	Cross Section (Local Grid North)	Northing (m)	Easting (m)	RL (m)	Hole Depth (m)	Azimuth (°)	Dip (°)	Assay Status
17MDA0270	Gonzo	101,500	7,635,830	422,139	257	18	0	-90	Received
17MDA0271	Gonzo	101,500	7,635,856	422,182	257	30	0	-90	Received
17MDA0272	Gonzo	101,500	7,635,883	422,224	257	29	0	-90	Received
17MDA0273	Gonzo	101,500	7,635,909	422,267	257	45	0	-90	Received
17MDA0274	Gonzo	101,700	7,635,947	421,949	257	16	0	-90	Received
17MDA0275	Gonzo	101,700	7,635,973	421,991	257	19	0	-90	Received
17MDA0276	Gonzo	101,700	7,636,000	422,034	257	38	0	-90	Received
17MDA0277	Gonzo	101,700	7,636,026	422,076	257	32	0	-90	Received
17MDA0278	Gonzo	101,850	7,636,022	421,785	257	32	0	-90	Received
17MDA0279	Gonzo	101,850	7,636,048	421,827	257	33	0	-90	Received
17MDA0280	Gonzo	101,850	7,636,074	421,870	257	21	0	-90	Received
17MDA0281	Gonzo	102,100	7,636,049	421,356	257	30	0	-90	Received
17MDA0282	Gonzo	102,100	7,636,102	421,441	257	23	0	-90	Received
17MDA0283	Gonzo	102,100	7,636,128	421,483	257	20	0	-90	Received
17MDA0284	Gonzo	102,100	7,636,155	421,526	257	27	0	-90	Received
17MDA0285	Gonzo	102,100	7,636,181	421,568	257	29	0	-90	Received
17MDA0286	Gonzo	102,100	7,636,208	421,610	257	26	0	-90	Received
17MDA0287	Minyari Area	100,300	7,635,286	423,536	257	11	0	-90	Received
17MDA0288	Minyari Area	100,300	7,635,312	423,579	257	10	0	-90	Received
17MDA0289	Minyari Area	100,300	7,635,338	423,621	257	18	0	-90	Received
17MDA0290	Minyari Area	100,300	7,635,365	423,664	257	15	0	-90	Received
17MDA0291	Minyari Area	100,200	7,635,201	423,589	257	11	0	-90	Received
17MDA0292	Minyari Area	100,200	7,635,227	423,632	257	16	0	-90	Received
17MDA0293	Minyari Area	100,200	7,635,253	423,674	257	35	0	-90	Received
17MDA0294	Minyari Area	100,200	7,635,280	423,716	257	93	0	-90	Received
17MDA0295	Minyari Area	100,200	7,635,306	423,759	257	63	0	-90	Received
17MDA0296	Minyari Area	100,200	7,635,332	423,801	257	55	0	-90	Received
17MDA0297	Minyari East	99,700	7,635,224	424,575	257	20	0	-90	Received
17MDA0298	Minyari East	99,700	7,635,277	424,660	257	15	0	-90	Received
17MDA0299	Minyari East	99,700	7,635,330	424,744	257	39	0	-90	Received
17MDA0300	Minyari East	99,700	7,635,383	424,829	257	33	0	-90	Received
17MDA0301	Minyari East	99,700	7,635,435	424,914	257	28	0	-90	Received
17MDA0302	Minyari East	100,000	7,635,426	424,331	257	29	0	-90	Received
17MDA0303	Minyari East	100,000	7,635,479	424,416	257	45	0	-90	Received
17MDA0304	Minyari East	100,000	7,635,532	424,501	257	51	0	-90	Received
17MDA0305	Minyari East	100,000	7,635,585	424,586	257	53	0	-90	Received
17MDA0306	Minyari East	100,000	7,635,637	424,671	257	45	0	-90	Received
17MDA0307	Minyari North	100,500	7,635,587	423,643	257	16	0	-90	Received
17MDA0308	Minyari North	100,500	7,635,614	423,686	257	56	0	-90	Received
17MDA0309	Minyari North	100,500	7,635,640	423,728	257	54	0	-90	Received
17MDA0310	Minyari North	100,500	7,635,666	423,771	257	38	0	-90	Received
17MDA0311	Minyari North	100,500	7,635,693	423,813	257	16	0	-90	Received
17MDA0312	Minyari North	100,500	7,635,719	423,855	257	26	0	-90	Received
17MDA0313	Minyari North	100,500	7,635,745	423,898	257	32	0	-90	Received
17MDA0314	Minyari North	100,500	7,635,772	423,940	257	36	0	-90	Received
17MDA0315	Minyari North	100,500	7,635,798	423,983	257	45	0	-90	Received
17MDA0316	Minyari North	100,700	7,635,783	423,580	257	37	0	-90	Received
17MDA0317	Minyari North	100,700	7,635,810	423,623	257	29	0	-90	Received
17MDA0318	Minyari North	100,700	7,635,836	423,665	257	36	0	-90	Received
17MDA0319	Minyari North	100,700	7,635,863	423,708	257	36	0	-90	Received
17MDA0320	Minyari North	100,700	7,635,889	423,750	257	30	0	-90	Received
17MDA0321	Minyari North	100,700	7,635,915	423,792	257	36	0	-90	Received
17MDA0322	Minyari North	100,700	7,635,942	423,835	257	29	0	-90	Received
17MDA0323	Gonzo	101,500	7,636,041	422,479	257	27	0	-90	Received
17MDA0324	Gonzo	101,500	7,636,094	422,564	257	20	0	-90	Received
17MDA0325	Minyari North	101,500	7,636,146	422,649	257	23	0	-90	Received

Hole ID	Deposit / Target Area	Cross Section (Local Grid North)	Northing (m)	Easting (m)	RL (m)	Hole Depth (m)	Azimuth (°)	Dip (°)	Assay Status
17MDA0326	Minyari North	101,500	7,636,199	422,734	257	19	0	-90	Received
17MDA0327	Minyari North	101,500	7,636,252	422,819	257	33	0	-90	Received
17MDA0328	Minyari North	101,500	7,636,305	422,904	257	24	0	-90	Received
17MDA0329	Minyari North	101,500	7,636,357	422,988	257	18	0	-90	Received
17MDA0330	Gonzo	101,850	7,636,285	422,209	257	30	0	-90	Received
17MDA0331	Gonzo	101,850	7,636,338	422,294	257	21	0	-90	Received
17MDA0332	Gonzo	101,850	7,636,391	422,379	257	54	0	-90	Received
17MDA0333	Gonzo	101,850	7,636,444	422,464	257	29	0	-90	Received
17MDA0334	Gonzo	102,000	7,636,386	422,088	257	22	0	-90	Received
17MDA0335	Gonzo	102,000	7,636,413	422,130	257	32	0	-90	Received
17MDA0336	Gonzo	102,000	7,636,439	422,173	257	37	0	-90	Received
17MDA0337	Gonzo	102,000	7,636,518	422,300	257	30	0	-90	Received
17MDA0338	Gonzo	102,000	7,636,545	422,343	257	26	0	-90	Received
17MDA0339	Gonzo	102,000	7,636,571	422,385	257	32	0	-90	Received
17MDA0340	Gonzo	102,200	7,636,345	421,643	257	32	0	-90	Received
17MDA0341	Gonzo	102,200	7,636,398	421,728	257	24	0	-90	Received
17MDA0342	Gonzo	102,200	7,636,451	421,813	257	28	0	-90	Received
17MDA0343	Judes	102,200	7,636,503	421,897	257	21	0	-90	Received
17MDA0344	Judes	102,200	7,636,556	421,982	257	38	0	-90	Received
17MDA0345	Judes East	102,200	7,637,004	422,704	257	26	0	-90	Received
17MDA0346	Judes East	102,200	7,637,031	422,747	257	24	0	-90	Received
17MDA0347	Judes East	102,200	7,637,057	422,789	257	33	0	-90	Received
17MDA0348	Judes East	102,200	7,637,084	422,832	257	31	0	-90	Received
17MDA0349	Judes East	102,200	7,637,110	422,874	257	26	0	-90	Received
17MDA0350	Judes East	102,200	7,637,136	422,916	257	29	0	-90	Received
17MDA0351	Judes East	102,200	7,637,163	422,959	257	40	0	-90	Received
17MDA0352	Judes East	102,200	7,637,189	423,001	257	39	0	-90	Received
17MDA0353	Gonzo	102,450	7,636,452	421,341	257	38	0	-90	Received
17MDA0354	Gonzo	102,450	7,636,505	421,426	257	23	0	-90	Received
17MDA0355	Judes	102,450	7,636,558	421,511	257	30	0	-90	Received
17MDA0356	Judes	102,450	7,636,610	421,596	257	31	0	-90	Received
17MDA0357	Judes	102,450	7,636,663	421,681	257	30	0	-90	Received
17MDA0358	Judes	102,450	7,636,716	421,766	257	30	0	-90	Received
17MDA0359	Judes East	102,380	7,637,078	422,481	257	28	0	-90	Received
17MDA0360	Judes East	102,380	7,637,105	422,524	257	35	0	-90	Received
17MDA0361	Judes East	102,380	7,637,131	422,567	257	22	0	-90	Received
17MDA0362	Judes East	102,380	7,637,157	422,609	257	29	0	-90	Received
17MDA0363	Judes East	102,380	7,637,184	422,652	257	28	0	-90	Received
17MDA0364	Judes East	102,380	7,637,210	422,694	257	23	0	-90	Received
17MDA0365	Judes East	102,380	7,637,236	422,737	257	41	0	-90	Received
17MDA0366	Judes East	102,380	7,637,263	422,779	257	34	0	-90	Received
17MDA0367	Judes East	102,380	7,637,289	422,822	257	45	0	-90	Received
17MDA0368	Judes East	102,380	7,637,316	422,864	257	27	0	-90	Received
17MDA0369	Judes East	102,500	7,637,127	422,334	257	26	0	-90	Received
17MDA0370	Judes East	102,500	7,637,154	422,376	257	25	0	-90	Received
17MDA0371	Judes East	102,500	7,637,180	422,419	257	22	0	-90	Received
17MDA0372	Judes East	102,500	7,637,206	422,461	257	32	0	-90	Received
17MDA0373	Judes East	102,500	7,637,233	422,503	257	22	0	-90	Received
17MDA0374	Judes East	102,500	7,637,259	422,546	257	11	0	-90	Received
17MDA0375	Judes East	102,500	7,637,286	422,588	257	15	0	-90	Received
17MDA0376	Judes East	102,500	7,637,312	422,631	257	35	0	-90	Received
17MDA0377	Judes East	102,500	7,637,338	422,673	257	39	0	-90	Received
17MDA0378	Judes	102,900	7,636,729	420,934	257	41	0	-90	Received
17MDA0379	Judes	102,900	7,636,755	420,976	257	38	0	-90	Received
17MDA0380	Judes	102,900	7,636,781	421,019	257	35	0	-90	Received
17MDA0381	Judes	102,900	7,636,808	421,061	257	39	0	-90	Received
17MDA0382	Judes	102,900	7,636,834	421,104	257	35	0	-90	Received
17MDA0383	Judes	102,900	7,636,861	421,146	257	40	0	-90	Received
17MDA0384	Judes	102,900	7,636,887	421,189	257	39	0	-90	Received
17MDA0385	Judes	102,896	7,636,843	421,125	257	39	0	-90	Received
17MDA0386	Judes	102,900	7,636,870	421,162	257	26	0	-90	Received
17MDA0387	Judes	103,050	7,636,830	420,812	257	37	0	-90	Received
17MDA0388	Judes	103,050	7,636,856	420,855	257	30	0	-90	Received
17MDA0389	Judes	103,050	7,636,882	420,897	257	33	0	-90	Received
17MDA0390	Judes	103,050	7,636,909	420,940	257	32	0	-90	Received
17MDA0391	Judes	103,050	7,636,935	420,982	257	36	0	-90	Received
17MDA0392	Judes	103,050	7,636,962	421,025	257	33	0	-90	Received
17MDA0393	Judes	103,050	7,636,988	421,067	257	31	0	-90	Received

Hole ID	Deposit / Target Area	Cross Section (Local Grid North)	Northing (m)	Easting (m)	RL (m)	Hole Depth (m)	Azimuth (°)	Dip (°)	Assay Status
17MDA0394	AEM Target	105,500	7,638,831	419,393	257	25	0	-90	Received
17MDA0395	AEM Target	105,500	7,638,857	419,435	257	26	0	-90	Received
17MDA0396	AEM Target	105,500	7,638,884	419,478	257	39	0	-90	Received
17MDA0397	AEM Target	105,500	7,638,910	419,520	257	33	0	-90	Received
17MDA0398	AEM Target	105,500	7,638,937	419,563	257	15	0	-90	Received
17MDA0399	AEM Target	105,500	7,638,963	419,605	257	42	0	-90	Received
17MDA0400	AEM Target	105,800	7,639,139	419,319	257	38	0	-90	Received
17MDA0401	AEM Target	105,800	7,639,165	419,362	257	84	0	-90	Received
17MDA0402	AEM Target	105,800	7,639,191	419,404	257	71	0	-90	Received
17MDA0403	AEM Target	105,800	7,639,218	419,447	257	58	0	-90	Received
17MDA0404	AEM Target	105,800	7,639,244	419,489	257	84	0	-90	Received
17MDA0405	AEM Target	105,800	7,639,270	419,532	257	60	0	-90	Received
17MDA0406	Waldorf	110,200	7,642,559	416,489	257	54	238	-60	Received
17MDA0407	Waldorf	110,200	7,642,611	416,574	257	24	238	-60	Received
17MDA0408	Waldorf	110,200	7,642,664	416,659	257	29	238	-60	Received
17MDA0409	Waldorf	110,200	7,642,717	416,744	257	28	238	-60	Received
17MDA0410	Waldorf	110,200	7,642,770	416,829	257	33	238	-60	Received
17MDA0411	Waldorf	110,200	7,642,822	416,914	257	23	238	-60	Received
17MDA0412	Waldorf	110,200	7,642,875	416,999	257	24	238	-60	Received
17MDA0413	Waldorf	110,500	7,642,919	416,501	257	48	238	-60	Received
17MDA0414	Waldorf	110,500	7,642,972	416,586	257	48	238	-60	Received
17MDA0415	Waldorf	110,500	7,643,024	416,671	257	28	238	-60	Received
17MDA0416	Waldorf	110,500	7,643,077	416,756	257	33	238	-60	Received
17MDA0417	Waldorf	110,500	7,643,130	416,841	257	48	238	-60	Received
17MDA0418	Waldorf	110,700	7,643,141	416,480	257	38	238	-60	Received
17MDA0419	Waldorf	110,700	7,643,194	416,565	257	33	238	-60	Received
17MDA0420	Waldorf	110,700	7,643,247	416,650	257	14	238	-60	Received
17MDA0421	Waldorf	110,681	7,643,316	416,798	257	37	238	-60	Received
17MDA0422	Statler	109,900	7,640,933	414,440	257	49	0	-90	Received
17MDA0423	Minyari	100,300	7,634,917	422,942	257	27	0	-90	Received
17MDA0424	Minyari	100,300	7,634,943	422,984	257	27	0	-90	Received
17MDA0425	Minyari	100,300	7,634,969	423,027	257	25	0	-90	Received
17MDA0426	Minyari	100,301	7,634,996	423,069	257	37	0	-90	Received
17MDA0427	Minyari	100,300	7,635,022	423,112	257	39	0	-90	Received
17MDA0428	Minyari	100,350	7,635,025	423,022	257	55	0	-90	Received
17MDA0429	Minyari	100,350	7,634,998	422,979	257	50	58.2	-60	Received
17MDA0430	Minyari	100,401	7,635,002	422,889	257	48	0	-90	Received
17MDA0431	Minyari	100,400	7,635,028	422,932	257	25	0	-90	Received
17MDA0432	Minyari	100,400	7,635,081	423,017	257	27	0	-90	Received
17MDA0433	Minyari	100,400	7,635,054	422,974	257	33	0	-90	Received
17MDA0434	Minyari	100,450	7,635,070	422,905	257	26	0	-90	Received
17MDA0435	Minyari	100,750	7,635,246	422,620	257	20	0	-90	Received
17MDA0436	Minyari	100,750	7,635,272	422,662	257	30	0	-90	Received
17MDA0437	Minyari	100,750	7,635,299	422,705	257	27	0	-90	Received
17MDA0438	Minyari	100,800	7,635,341	422,678	257	33	0	-90	Received
17MDA0439	Minyari	100,801	7,635,289	422,593	257	25	0	-90	Received
17MDA0440	Minyari	100,850	7,635,331	422,567	257	22	0	-90	Received
17MDA0441	Minyari	100,850	7,635,357	422,609	257	19	0	-90	Received
17MDA0442	Minyari	100,850	7,635,384	422,652	257	40	0	-90	Received
17MDA0443	Fozzie Bear	100,751	7,634,930	422,110	257	42	0	-90	Received
17MDA0444	Fozzie Bear	100,750	7,634,877	422,025	257	30	0	-90	Received
17MDA0445	Fozzie Bear	100,750	7,634,903	422,068	257	30	0	-90	Received
17MDA0446	Fozzie Bear	100,700	7,634,834	422,052	257	30	0	-90	Received
17MDA0447	Fozzie Bear	100,700	7,634,887	422,137	257	30	0	-90	Received
17MDA0448	Fozzie Bear	100,650	7,634,792	422,078	257	30	0	-90	Received
17MDA0449	Fozzie Bear	100,650	7,634,818	422,120	257	33	0	-90	Received
17MDA0450	Fozzie Bear	100,650	7,634,845	422,163	257	30	0	-90	Received
17MDA0451	Fozzie Bear	100,650	7,634,871	422,205	257	30	0	-90	Received
17MDA0452	Fozzie Bear	100,650	7,634,897	422,248	257	26	0	-90	Received
17MDA0453	Fozzie Bear	100,651	7,634,924	422,290	257	26	0	-90	Received
17MDA0454	Fozzie Bear	100,650	7,634,950	422,333	257	33	0	-90	Received
17MDA0455	Fozzie Bear	100,550	7,634,733	422,173	257	30	0	-90	Received
17MDA0456	Fozzie Bear	100,550	7,634,760	422,216	257	36	0	-90	Received
17MDA0457	Fozzie Bear	100,550	7,634,786	422,258	257	36	0	-90	Received
17MDA0458	Fozzie Bear	100,550	7,634,812	422,301	257	18	0	-90	Received
17MDA0459	Fozzie Bear	100,550	7,634,839	422,343	257	16	0	-90	Received
17MDA0460	Fozzie Bear	100,550	7,634,865	422,385	257	33	0	-90	Received
17MDA0461	Fozzie Bear	100,500	7,634,823	422,412	257	30	0	-90	Received

Hole ID	Deposit / Target Area	Cross Section (Local Grid North)	Northing (m)	Easting (m)	RL (m)	Hole Depth (m)	Azimuth (°)	Dip (°)	Assay Status
17MDA0462	Fozzie Bear	100,450	7,634,833	422,523	257	23	0	-90	Received
17MDA0463	Fozzie Bear	100,450	7,634,807	422,481	257	30	0	-90	Received
17MDA0464	Fozzie Bear	100,450	7,634,780	422,438	257	34	0	-90	Received
17MDA0465	Fozzie Bear	100,450	7,634,754	422,396	257	13	0	-90	Received
17MDA0466	Fozzie Bear	100,451	7,634,728	422,353	257	17	0	-90	Received
17MDA0467	WACA South	99,550	7,634,227	423,253	257	39	0	-90	Received
17MDA0468	WACA South	99,500	7,634,211	423,321	257	18	0	-90	Received
17MDA0469	WACA South	99,501	7,634,185	423,279	257	30	0	-90	Received
17MDA0470	WACA South	99,500	7,634,158	423,236	257	18	0	-90	Received
17MDA0471	WACA South	99,600	7,634,243	423,184	257	24	0	-90	Received
17MDA0472	WACA South	99,600	7,634,269	423,226	257	23	0	-90	Received
17MDA0473	WACA South	99,600	7,634,296	423,269	257	30	0	-90	Received

MINYARI DOME

Section 1 – Sampling Techniques and Data (Criteria in this section shall apply to all succeeding sections)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.*	**2017 (October - December) Air Core (AC) Drilling:** *Minyari Dome:* • Prospects/targets have been sampled by 473 AC drill holes, totaling 12,571 m, with an average drill hole depth of 27 m. • Assays have been received for all AC drill holes. • The majority of the 473 AC drill holes are drilled on a nominal 50 m (along line) and 100 m across line basis, testing geophysical, geological and geochemical targets. • Minor infill drilling based on initial assay results saw drilling completed along line on a 25 m spacing and across line at 50 m. • Drill hole locations for all 2017 holes are tabulated in the body of this report *AC Sampling:* • AC Sampling was carried out under Antipa protocols and QAQC procedures as per industry best practice. • One metre samples were collected from a cyclone into a plastic bucket and then laid out on the ground in rows of 10 or 20. • Compositing AC samples in lengths between 2 to 4 m was undertaken via combining 'Spear' samples of the 1.0 m intervals to generate a 2 kg (average) sample. Areas of anomalous portable XRF Device (Niton) ('pXRF') results or zones of encouraging geological observations were sampled as single metres. All samples are pulverised at the laboratory to produce material for assay.
Drilling techniques	• *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• AC Drilling was undertaken with a Bostech Drillboss 200 4WD truck mounted rig. The rig has a depth capacity of approximately 150 m with an on-board compressor producing 600 cfm at 250 psi. • All drill holes were completed using an 85 mm AC blade and where hard drilling conditions were encountered a 97 – 102 mm RAB hammer with a crossover sub (not face sampling) from surface to total drill hole depths of between 5 to 93 m. • Drill holes are a mixture of vertical holes (-90°) and some drill holes angled towards local grid east (058° Magnetic), with an inclination angle of between -60°.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	**AC Drill Samples** • AC sample recovery and sample quality was recorded via visual estimation of sample volume and condition of the drill spoils. • AC sample recovery typically ranges from 90 to 100%, with only very occasional samples with less than 70% recovery. • AC sample recovery was maximized by endeavoring to maintain a dry drilling conditions as much as practicable; the AC samples were almost exclusively dry. • Relationships between recovery and grade are not evident and are not expected given the generally

Criteria	JORC Code explanation	Commentary
		excellent and consistently high sample recovery. • AC results are generally not utilised for Mineral Resource estimations.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	**AC Drill Logging** • Geological logging of 100% of all AC sample intervals was carried out recording colour, weathering, lithology, mineralogy, alteration, veining and sulphides. • Logging includes both qualitative and quantitative components. • All logging is entered directly into a notebook computer using the Antipa Proprietary Logging System which is based on Microsoft Excel. The logging system uses standard look up tables that does not allow invalid logging codes to be entered. Further data validation is carried out during upload to Antipa's master Access SQL database. • Selected AC sample intervals were measured for magnetic susceptibility using a handheld Magnetic Susceptibility meter. • AC samples are generally analyzed in the field using a pXRF for the purposes of geochemical and lithological interpretation and the selection of sampling intervals.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	**AC Samples** • One metre samples were collected from a cyclone into a plastic bucket and then laid out on the ground in rows of 10 or 20. • Compositing AC samples of between 2 to 4 m was undertaken via combining 'Spear' samples of the intervals to generate a 2 kg (average) sample. Areas of anomalous pXRF results or anomalous geological observations were sampled as single metres. All samples are pulverised at the laboratory to produce material for assay. **AC sample preparation** • Sample preparation of AC samples was completed at MinAnalytical Laboratories in Perth following industry best practice in sample preparation involving oven drying, coarse crushing of the AC sample down to approximately 10 mm, followed by pulverisation of the entire sample (total prep) using Essa LM5 grinding mills to a grind size of 85% passing 75 µm and split into a sub–sample/s for analysis. • The sample sizes are considered to be appropriate to correctly represent the sulphide style of mineralisation at Minyari Dome, the thickness and consistency of the intersections and the sampling methodology.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (e.g. standards,*	• The sample preparation technique for AC samples is documented by Antipa Mineral Ltd's standard procedures documents and is in line with industry standards in sample preparation. • The sample sizes are considered appropriate to represent mineralisation. • Sample preparation checks for fineness were carried out by the laboratory as part of its internal procedures. • Analytical Techniques: • All samples were dried, crushed, pulverised and split to produce a sub–sample for a 10-

Criteria	JORC Code explanation	Commentary
	blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	gram sample which are digested and refluxed with nitric and hydrochloric ('aqua regia digest') acid suitable for weathered AC samples. Aqua regia can digest many different mineral types including most oxides, sulphides and carbonates but will not totally digest refractory or silicate minerals. Analytical methods used were both ICP–OES and ICP–MS (Au, Ag, Al, As, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, Hf, In, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Pd, Pt, Rb, Re, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Y, Zn and Zr). • For samples which returned Au greater than 4,000 ppb Au (upper detection limit) with the aqua regia digest, a lead collection fire assay on a 50-gram sample with Atomic Absorption Spectroscopy was undertaken to determine gold content with a detection limit of 0.005ppm. • Ore grade ICP–OES analysis was completed on samples returning results above upper detection limit. • No geophysical tools were used to determine any element concentrations in this report. • A handheld portable Niton XRF analyser (XL3t 950 GOLDD+) device is used in the field to investigate and record geochemical data for internal analysis. However, due to 'spatial' accuracy/repeatability issues this data is generally not publicly reported for drill holes, other than for specific purposes/reasons. • Field QC procedures involve the use of commercial certified reference material (CRM's) for assay standards and blanks. Standards are inserted every 50 samples. The grade of the inserted standard is not revealed to the laboratory. • Repeat QC samples was utilised during the AC drilling programme with nominally two to three duplicate AC field samples per drill hole. • Inter laboratory cross-checks analysis programmes have not been conducted at this stage. • In addition to Antipa supplied CRM's, MinAnalytical includes in each sample batch assayed certified reference materials, blanks and up to 10% replicates. • Selected anomalous samples are re-digested and analysed to confirm results.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Whilst the AC drilling programme is geochemical reconnaissance in nature, significant intersections have been visually verified by one or more alternative company personnel and/or contract employees. • All logging is entered directly into a notebook computer using the Antipa Proprietary Logging System which is based on Microsoft Excel. The logging system uses standard look up tables that does not allow invalid logging codes to be entered. Further data validation is carried out during upload to Antipa's master SQL database. • No adjustments or calibrations have been made to any assay data collected.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*	• km = kilometre; m = metre; mm = millimetre. • Drill hole collar locations are surveyed using a handheld Garmin 64S GPS which has an accuracy of ± 3 m.

Criteria	JORC Code explanation	Commentary

	• *Specification of the grid system used.*
	• *Quality and adequacy of topographic control.*
		• The drilling co-ordinates are all in GDA94 MGA Zone 51 co-ordinates.
		• Vertical AC drill holes do not require for drill rig set-up azimuth checking.
		• Inclined AC drill holes are checked for drill rig set-up azimuth using Suunto Sighting Compass from two directions.
		• Drill hole inclination is set by the driller using a clinometer on the drill mast and checked by the geologist prior the drilling commencing.
		• No downhole surveys are undertaken for AC drill holes.
		
		Minyari Dome:
		• The Company has adopted and referenced one specific local grid across the Minyari Dome region ('Minyari' Local Grid) which is defined below. References in the text and the Minyari deposit diagrams are all in this specific Minyari Local Grid.
		• Minyari Local Grid 2-Point Transformation Data:
		  • Minyari Local Grid 47,400 m east is 421,462.154 m east in GDA94 / MGA Zone 51;
		  • Minyari Local Grid 99,000 m north is 7,632,467.588 m north in GDA94 / MGA Zone 51;
		  • Minyari Local Grid 47,400 m east is 414,078.609 m east in GDA94 / MGA Zone 51;
		  • Minyari Local Grid 113,000 m north is 7,644,356.108 m north in GDA94 / MGA Zone 51;
		  • Minyari Local Grid North (360°) is equal to 330° in GDA94 / MGA Zone 51;
		  • Minyari Local Grid elevation is equal to GDA94 / MGA Zone 51.
		• The topographic surface has been defaulted to 257 m RL.
		• The topographic surface has been compiled using aerial survey data.

Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Drill lines are east-west "Minyari" local grid oriented. "Minyari" local grid drill lines are each spaced approximately 100 m apart with an average drill hole spacing on each section of 50 m. Where further infill drilling (based on initial 2017 Air Core assay results) was completed, an along line spacing of 25 m and 50 m across line spacing was drilled. • Where anomalous pXRF results or encouraging geological observations were made additional holes were drilled grid north and south at a 50 m spacing. • The section spacing/drill hole distribution is adequate for the intended geochemical reconnaissance nature of the AC drilling programme. • AC results are generally not utilised for Mineral Resource estimations. • AC drill sample compositing has been applied for the reporting of exploration results.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• The drill hole distribution and orientation are suitable for the intended geochemical reconnaissance nature of the AC drilling programme. • AC results are generally not utilised for Mineral Resource estimations.

Criteria	JORC Code explanation	Commentary
Sample security	• *The measures taken to ensure sample security.*	• Chain of sample custody is managed by Antipa to ensure appropriate levels of sample security. • Samples are stored on site and delivered by Antipa or their representatives to Port Hedland and subsequently by Toll Ipec Transport from Newman to the assay laboratory in Perth.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• Sampling techniques and procedures are regularly reviewed internally, as is the data. • Consultants Snowden, during completion of the 2013 Calibre Mineral Resource estimate, undertook a desktop review of the Company's sampling techniques and data management and found them to be consistent with industry standards.

MINYARI DOME AREA

Section 2 – Reporting of Exploration Results (Criteria listed in the preceding section also apply to this section)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	*Minyari Dome:* • The Minyari Dome, which hosts both the Minyari and WACA deposits, AC drilling and other exploration data is located within Exploration Licenses E45/3919; E45/4618 and E45/3918 (all granted tenements). • Antipa Minerals Ltd has a 100% interest in E45/3919; E45/4618 and E45/3918. • A 1% net smelter royalty payable to Paladin Energy on the sale of product on all metals applies to these tenement as a condition of a Split Commodity Agreement with Paladin Energy in relation to the Company's North Telfer Project. • The North Telfer Project, including the Minyari deposit, is not subject to the Citadel Project Farm-in Agreement with Rio Tinto Exploration Pty Ltd. • All tenements are contained completely within land where the Martu People have been determined to hold native title rights. To the Company's knowledge no historical or environmentally sensitive sites have been identified in the area being actively explored. • The tenement is in good standing and no known impediments exist.

Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• The Minyari and WACA deposits were greenfield discoveries by the Western Mining Corporation Ltd during the early 1980's.
		• Exploration of the Minyari Dome region has involved the following companies:
		  • Western Mining Corporation Ltd (1980 to 1983);
		  • Newmont Holdings Pty Ltd (1984 to 1990);
		  • MIM Exploration Pty Ltd (1990 to 1991);
		  • Newcrest Mining Limited (1991 to 2015); and
		  • Antipa Minerals Ltd (2016 onwards).

Geology	• *Deposit type, geological setting and style of mineralisation.*	• The geological setting is Paterson Province Proterozoic aged meta-sediment hosted hydrothermal shear, fault and strata/contact controlled precious and/or base metal mineralisation which is

Criteria	JORC Code explanation	Commentary
		typically sulphide bearing. The mineralisation in the region is interpreted to be granite related. The Paterson is a low grade metamorphic terrane but local hydrothermal alteration and/or contact metamorphic mineral assemblages and styles are indicative of a high-temperature local environment. Mineralisation styles include vein, stockwork, breccia and skarns.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* • *easting and northing of the drill hole collar* • *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* • *dip and azimuth of the hole* • *down hole length and interception depth* • *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• A summary of all available information material to the understanding of the Minyari Dome region exploration results can be found in previous WA DMP publicly available reports. • All the various technical Minyari Dome region exploration reports are publicly accessible via the DMP's online WAMEX system. • The specific WAMEX and other reports related to the exploration information the subject of this public disclosure have been referenced in previous public reports. • Antipa Minerals Ltd publicly disclosed reports provide details of all exploration completed by the Company since 2016; these reports are all available to view on www.antipaminerals.com.au and www.asx.com.au.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Reported aggregated intervals have been length weighted. • No density or bulk density is available and so no density weighting has been applied when calculating aggregated intervals. • No top-cuts to gold or copper have been applied (unless specified otherwise). • Higher grade intervals of mineralisation internal to broader zones of mineralisation are reported as included intervals. • Metal equivalence is not used in this report.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	• At the Minyari deposit the interpreted stratabound/reef hydrothermal alteration, vein and breccia (oxide and primary) related gold-copper mineralisation is interpreted to be dominantly east-northeast striking and in the Eastern Domain shallow to moderate south-southwest dipping and in the Western Domain moderate to steep south-southwest dipping, with drill holes generally being vertical or inclined between -49° and -60° toward the east or west, some historic drill holes are inclined at -90° and some 2016 and 2017 drill holes have been inclined toward the south ± 45°. • At the WACA deposit the interpreted shear and strata controlled/hosted hydrothermal alteration, vein and breccia (oxide and primary) related gold-copper mineralisation is interpreted to be dominantly north-south striking and sub-vertical to steeply east dipping, with drill holes generally being inclined between -50° and -60° toward the east or west (NB: All 2016 and the majority of 2017 Phase 1 WACA RC drill holes were inclined at between -55° to -60° to the east, with several 2017 Phase 1 RC drill holes orientated between 30° to 120°).

Criteria	JORC Code explanation	Commentary
		• In general, the intersection angles for the variety drilling generations appear to be at a moderate angel to the overall mineralised zones. Therefore, the reported downhole intersections are estimated to approximate 40% to 80% true width dependent on the local geometry/setting.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• All appropriate maps and sections (with scales) and tabulations of intercepts are reported or can sometimes be found in previous WA DMP WAMEX publicly available reports. • Antipa Minerals Ltd publicly disclosed reports provide maps and sections (with scales) and tabulations of intercepts generated by the Company since 2016; these reports are all available to view on www.antipaminerals.com.au and www.asx.com.au.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• All significant results are reported or can sometimes be found in previous WA DMP WAMEX publicly available reports. • Antipa Minerals Ltd publicly disclosed reports provide details of all significant exploration results generated by the Company since 2016; these reports are all available to view on www.antipaminerals.com.au and www.asx.com.au.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• All meaningful and material information has been included in the body of the text or can sometimes be found in previous WA DMP WAMEX publicly available reports. • The details of the Minyari Dome region historic Induced Polarisation survey, including IP Chargeability and resistivity anomalies, can be found in WA DMP publicly available WAMEX reports A81227 (2008), A86106 (2009) and A89687 (2010). • The details of the Company's reprocessing, review and modelling of the Minyari Dome region historic Induced Polarisation survey, including IP Chargeability and resistivity anomalies, can be found in the Company's ASX report titled "*Minyari Reprocessed IP Survey Results*" created on 5 July 2016. • Zones of deposit mineralisation and associated waste material have not been measured for their bulk density; however, Specific Gravity ('Density') measurements have been determined via both diamond drill core and wireline gamma logging methods. The difference between Specific Gravity and bulk density for lithologies at both the Minyari and WACA deposits is considered likely to be relatively minor. • Multi element assaying was conducted variously for a suite of potentially deleterious elements including arsenic, sulfur, lead, zinc and magnesium. • Geotechnical logging was carried out on all 3 Minyari deposit diamond drill holes for Recovery, RQD and Fracture Frequency. • No Geotechnical logging (e.g. Recovery, RQD and Fracture Frequency) was obtained from the WAMEX reports. • Downhole 'logging' of a selection of Minyari deposit RC drill holes (i.e. 33 drill holes totaling 2,341m) was undertaken as part of the 2016 Phase 1 programme using an OBI40 Optical Televiewer which generated an oriented 360° image of the drill hole wall via a CCD camera recorded digital image. The OBI40 system utilised also included a North Seeking Gyro-scope to measure drill hole

Criteria	JORC Code explanation	Commentary

		location/deviation, and the downhole survey also measured rock density, magnetic susceptibility, natural gamma and included a borehole caliper device for measuring drill hole diameter. The combined dataset collected via the OBI40 Optical Televiewer downhole survey data has multiple geological and geotechnical uses, including but not limited to the detection and determination of in-situ lithological, structural and mineralisation feature orientations (i.e. dip and strike), determination and orientation of fracture frequency, general ground conditions/stability, oxidation conditions, ground-water table and clarity, etc.
		• A programme of OBI40 Optical Televiewer downhole 'logging' for a selection of 2017 Phase 1 RC drill holes (16 holes for 3,279m = 13 holes for 2,771m at the WACA deposit, 2 holes for 428m at the Minyari deposit and 1 hole for 80m at the Jude's prospect) was completed during July 2017.
		• Information on structure type, dip, dip direction, alpha angle, beta angle, gamma angle, texture and fill material derived mainly from diamond drilling is stored in the Company's technical SQL database.
		• No information on structure type, dip, dip direction, alpha angle, beta angle, gamma angle, texture and fill material were obtained from the WAMEX reports.
		• Preliminary metallurgical test-work results are available for both the Minyari and WACA deposits. Details of this 2017 metallurgical test-work programme can be found on the ASX or Antipa websites – Public release dated 13 June 2017 and titled "*Minyari Dome Positive Metallurgical Test-work Results*". In summary both oxide and primary gold mineralisation (with accessory copper and cobalt) responded very satisfactorily to conventional gravity and cyanidation processes, with flotation to recovery copper and cobalt by-products the subject of ongoing evaluation.
		• In addition, the following information in relation to metallurgy was obtained from WA DMP WAMEX reports:
		  • Newmont Holdings Pty Ltd collected two bulk (8 tonnes each) metallurgical samples of oxide mineralisation in 1987 (i.e. WAMEX 1987 report A24464) from a 220m long costean across the Minyari deposit. The bulk samples were 8 tonnes grading 1.5 g/t gold and 8 tonnes grading 3.57 g/t gold from below shallow cover in the costean. However, it would appear the Newmont metallurgical test-work for these two bulk samples was never undertaken/competed as no results were subsequently reported to the WA DMP;
		  • Newmont Holdings Pty Ltd also collected drill hole metallurgical samples for Minyari deposit oxide and primary mineralisation (i.e. WAMEX 1986 report A19770); however, subsequent reporting of any results to the WA DMP could not be located suggesting that the metallurgical test-work was never undertaken/competed.
		  • Newcrest Mining Ltd describe the Minyari deposit gold-copper mineralisation as being typical of the Telfer gold-copper mineralisation. In 2004 and 2005 (WAMEX reports A71875 and A74417) Newcrest commenced metallurgical studies for the Telfer Mine and due to the similarities with the Minyari mineralisation a portion

Criteria	JORC Code explanation	Commentary
		of this Telfer metallurgical test-work expenditure was apportioned to the then Newcrest Minyari tenements. Whilst Telfer metallurgical results are not publicly available, the Telfer Mining operation (including ore processing facility) was materially expanded in the mid-2000's and continues to operate with viable metallurgical recoveries (for both oxide and primary mineralisation).
Further work	• *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Gold-copper mineralisation identified by the Company's 2016 and 2017 Phase 1 drilling programmes at both the Minyari and WACA deposits has been intersected over a range of drill defined limits along strike, across strike and down dip and variously remains open in multiple directions with both deposits requiring further investigation/drilling to test for lateral and vertical mineralisation extensions and continuity beyond the limits of existing drilling limits. • All appropriate maps and sections (with scales) and tabulations of intercepts are reported or can sometimes be found in previous WA DMP WAMEX publicly available reports. • Antipa Minerals Ltd publicly disclosed reports provide maps and sections (with scales) and tabulations of intercepts generated by the Company since 2016; these reports are all available to view on www.antipaminerals.com.au and www.asx.com.au.