Ardea Resources Limited

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ASX Symbol

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First pass drilling at Gale identifies large scale gold system

- Ardea's first pass 160 x 160m spaced RC drilling at the Gale Gold Prospect (Gale) in the Mount Zephyr greenstone belt has intercepted extensive zones of sulphide alteration with low-grade gold mineralisation, demonstrating the gold prospectivity of the broader system.
- Intercepts[1] include:
  - **AMZR0006: 96.00 m @ 0.28 g/t Au from 2 m**
    including **22.00 m @ 0.48 g/t Au from 10 m**
  - **AMZR0002: 22.00 m @ 0.25 g/t Au from 6 m**
    including **4.00 m @ 0.79 g/t Au from 6 m**
- Gale drilling results indicate parallels to the Jupiter and Wallaby gold deposits to the south which are bulk tonnage systems located in the hangingwall of the Celia Lineament within granitoid host-rock.
- New targets defined with further drilling required to vector in on higher-grade gold mineralisation.

Ardea Resources ("Ardea" or "the Company") is pleased to announce first-pass drill results from the Gale Prospect in the Mount Zephyr greenstone belt of the Eastern Goldfields, Western Australia. The results show downhole continuity of low-grade gold mineralisation reflecting strong, continuous anomalism. Such intercepts are a rarity from a first pass exploration program and are interpreted as the distal, outlying halo of a significant gold mineralising system.

Commenting on the recent exploration at Mount Zephyr, Ardea CEO Andrew Penkethman said:

"The initial results from the Gale Prospect are an excellent start to Ardea's gold exploration in the Mount Zephyr greenstone belt. Such broad, continuous gold intercepts, which are uncommon from a first phase exploration program, are highly encouraging and warrant further drilling in this underexplored part of the Eastern Goldfields."

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[1] Intercepts are down hole thicknesses only. Presently there is insufficient knowledge of the orientations of the controlling structures to gold mineralisation at Gale, so true thickness cannot be calculated.

Interpretation of Drill Results

Ardea's first drill holes at Gale have successfully defined broad intercepts of strong gold anomalism using wide-spaced drilling (160 x 160 metre pattern) across the sub-cropping part of the prospect. Presently these gold intercepts must be taken as down hole lengths only, as the orientations of the controlling structures are unknown, so true thicknesses cannot be determined. Intercepts include:

AMZR0006: **96.00 m @ 0.28 g/t Au** from 2 m
including 22.00 m @ 0.48 g/t Au from 10 m

AMZR0021: 24.00 m @ 0.24 g/t Au from 4 m

AMZR0002: **22.00 m @ 0.25 g/t Au** from 6 m
including **4.00 m @ 0.79 g/t Au** from 6 m

AMZR0018: 20.00 m @ 0.20 g/t Au from 44 m

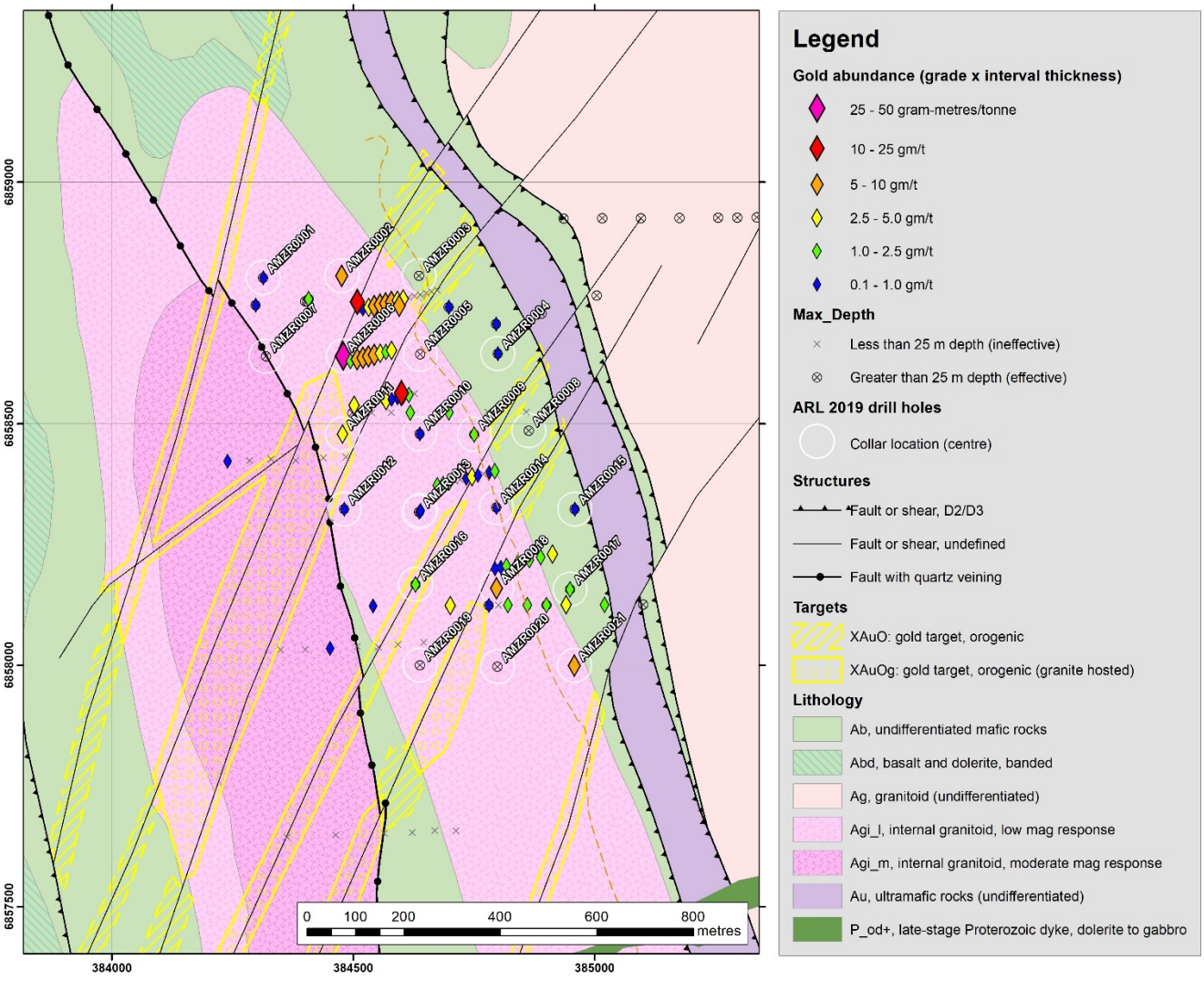


Figure 1 - Results of Ardea's initial drill program at Gale (white circles) are shown in context of all available historic drill results. Results are shown as grade-metre values (where grade is multiplied by the thickness of the intercept) to provide a plot of the distribution of gold at Gale. Based on observations from the first program, a series of targets (yellow cross-hatching) are shown.

Results suggest that late-stage NE-striking structures that cross-cut the Gale granitoid are host to the gold mineralisation. Though none of the broad intercepts are of mineable grade, they represent a strong, anomaly showing that there has been a significant flux of gold mineralising fluids through the rock sequence at Gale.

Definition of near 100 metre thick gold intercepts from a first-pass drill program in the Eastern Goldfields is a rarity, suggesting significant potential for the Gale mineralising system with further drilling warranted to better define the gold distribution.

Mineralisation is highly visual within the host alkaline intrusive and is readily recognised through abundant pyrite and sericite alteration and localised hematite staining. Gold also shows a strong association with typical regional pathfinder elements such as arsenic and antimony, as well as sulphur. These indicators will be important for ongoing recognition of gold mineralisation at Gale and elsewhere within Ardea's contiguous 910 km^2 Mt Zephyr-Darlot East tenure.

Defining New Gold Targets at Gale

Gold follows a series of NNE-trending faults. Mineralisation is open, remaining untested to the NNE into the country rock basalts, and to the SSE along structure in the host granitoid, with historic shallow ineffective drilling failing to demarcate the lateral termination of mineralisation. These structures, some of which are defined by their subtle magnetic depletion relative to the host Gale granitoid, are part of a set, so other structures interpreted from geophysical data may be prospective and should also be drill tested.

A series of targets are defined that vastly exceed in area the known current footprint of gold at Gale (see Figure 1). These will require testing.

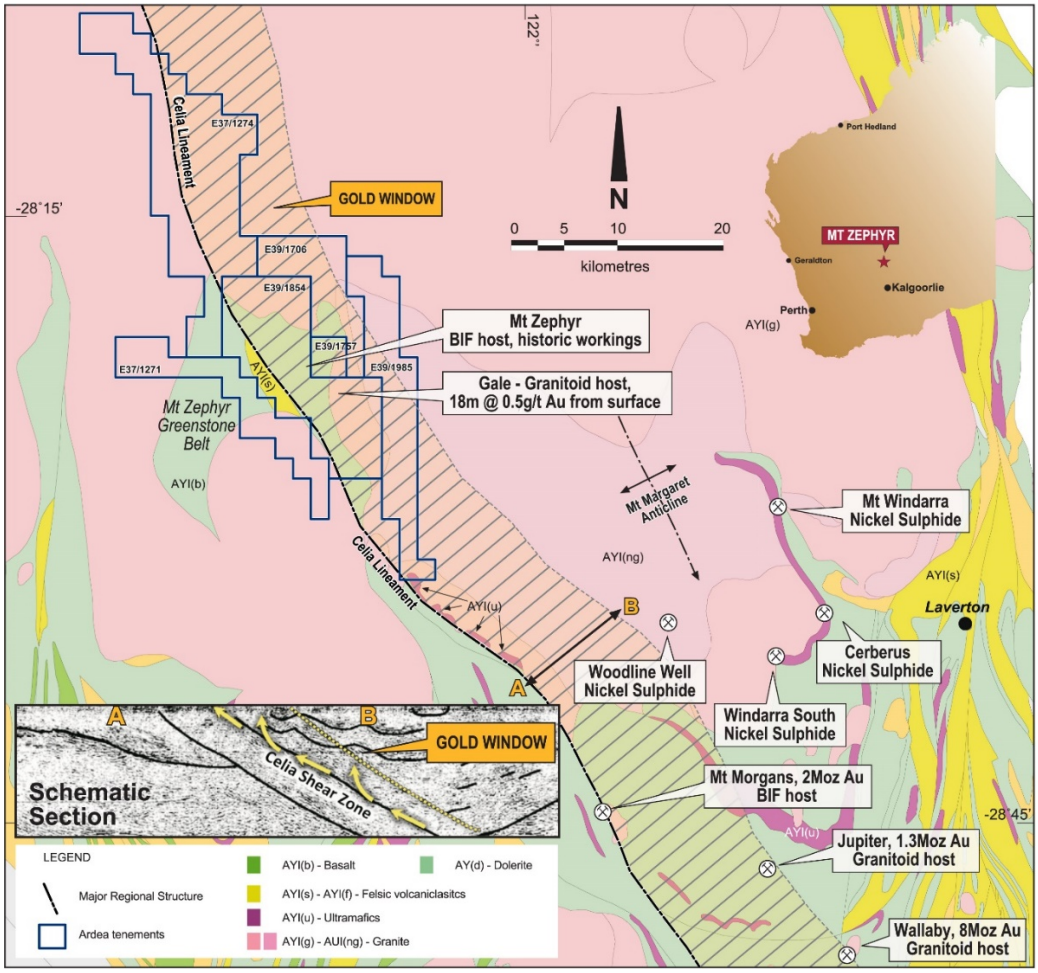


Figure 2 - Regional geology of the Mount Zephyr region, showing the extent of the gold-fertile Celia Lineament and the distribution of Ardea's "gold window" on the eastern side of the fault. Both banded iron-formation hosted gold mineralisation and late-stage granitoid hosted gold mineralisation are present at Mount Zephyr and along strike to the southeast.

Regional setting

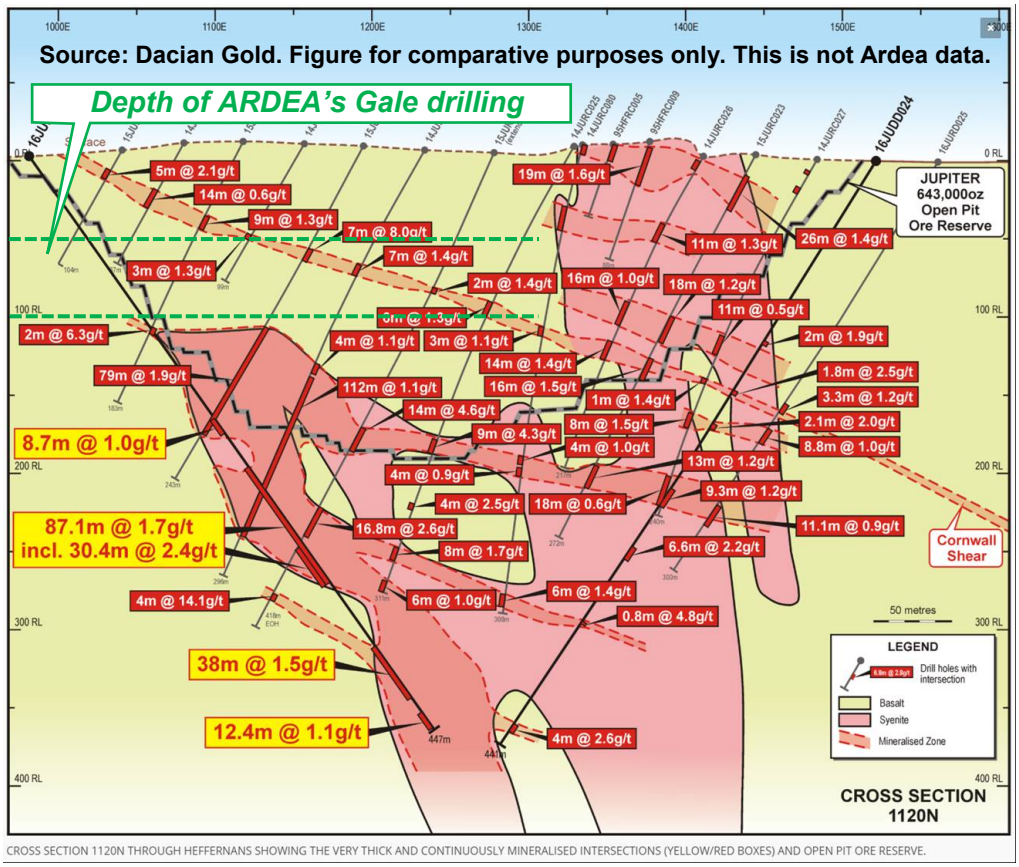
The Mount Zephyr greenstone belt is an underexplored supracrustal sequence cross-cut by the gold-fertile Celia Lineament. Gold deposits showing a possible genetic association with the structure include Mt Morgans BIF-hosted mineralisation, Wallaby and Jupiter (both granitoid-hosted deposits). Analogues within Ardea's Mount Zephyr tenure include Dunn's Line (BIF-hosted) and Gale (granitoid-hosted).

The Celia Lineament marks a regionally important structure that has been the focus of both gold-bearing mineralising fluids and intrusion of late-stage, commonly alkaline granitic plugs (see Figure 2).

Ardea's approach

With Ardea's unencumbered tenure holding, the geology of the Mount Zephyr greenstone belt has never before been defined consistently in such detail. Only now are parallels in the geology being drawn between areas such as the Mount Windarra area and Yamarna regions to the east, and the Kalgoorlie area to the south, highlighting target areas that have previously gone unrecognised. Multiple potential gold and base metal target areas have been defined and ranked and are in the process of being assessed by Ardea.

Initial drill testing has been purposefully broad to enable maximum coverage of ground for minimal cost. Such an approach will detect large-scale systems and, with infill, will allow definition of more moderate sized deposits, if present. First-pass drilling at Gale has defined a large-scale mineralising system that requires further definition. This can be achieved with extension and infill of this first-pass program.



CROSS SECTION 1120N THROUGH HEFFERNANS SHOWING THE VERY THICK AND CONTINUOUSLY MINERALISED INTERSECTIONS (YELLOW/RED BOXES) AND OPEN PIT ORE RESERVE.

Figure 3 – Cross section of the Heffernans orebodies at Jupiter (source: Dacian Gold ASX announcement 20 April 2015) provides a template for the style of mineralisation anticipated at Gale. Note that, at this scale, this entire diagram would fit within the granites west of drilling at Gale as shown in Figure 1.

Parallels with Dacian's Jupiter deposit

Both Gale and Dacian's Jupiter deposits represent granitoid-hosted gold mineralisation. Both also occur within the 10 km gold buffer on the eastern side of the Celia Lineament. Jupiter provides a model for exploration at Gale.

The Jupiter deposit lies within the Jupiter Corridor which is defined as a 2 km long north-south trend containing three main syenite bodies (previously mined as the Jupiter Open Pit). Several smaller syenite dykes and intrusive bodies are found proximal to the three main syenites, and all are contained within the Jupiter Corridor. Resources at Jupiter (including stockpiles, as of 31 July 2018) are 33.7 Mt at 1.0 g/t Au for 1,334,000 ounces (Dacian Gold Annual Report 2018, p.13).

Looking Forward at Gale

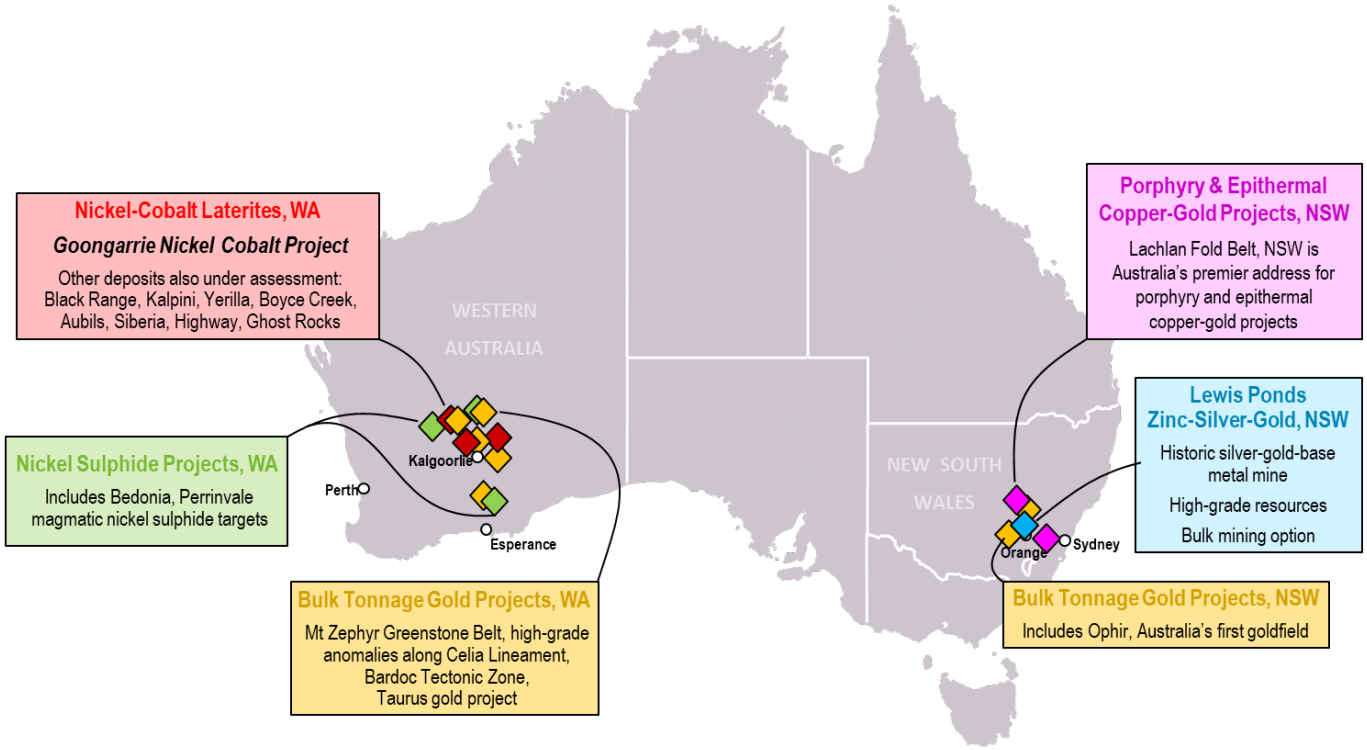
The next phase of exploration at Gale will consist of designing follow-up drilling. It should be stressed that Ardea holds some 910 km^2 of Celia Lineament tenure between Mount Zephyr and Darlot East, has demonstrated the target structures are gold-endowed and drill assay suites confirm the favoured syenitic alkaline granitoid host rock is present. Mount Zephyr is potentially a significant strategic asset.

The Company will continue to keep stakeholders informed on progress and remains committed to maximising value for its shareholders.

ABOUT ARDEA RESOURCES

Ardea Resources ("Ardea" – ASX:ARL) is an ASX listed resources company, with 100% controlled Australian based projects, prioritising a three-pronged value creation strategy which is:

- development of the Goongarrie Nickel Cobalt Project, which is part of the Kalgoorlie Nickel Project, a globally significant series of nickel-cobalt-scandium deposits which host the largest cobalt resource in the developed world;
- advanced-stage exploration at WA gold and nickel sulphide targets including Mt Zephyr; and
- the demerger of the NSW gold and base metal assets with planned in-specie share distribution.



For further information regarding Ardea, please visit www.ardearesources.com.au or contact:

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CAUTIONARY NOTE REGARDING FORWARD-LOOKING INFORMATION

This news release contains forward-looking statements and forward-looking information within the meaning of applicable Australian securities laws, which are based on expectations, estimates and projections as of the date of this news release.

This forward-looking information includes, or may be based upon, without limitation, estimates, forecasts and statements as to management's expectations with respect to, among other things, the timing and ability to complete the Ardea spin-out, the timing and amount of funding required to execute the Company's exploration, development and business plans, capital and exploration expenditures, the effect on the Company of any changes to existing legislation or policy, government regulation of mining operations, the length of time required to obtain permits, certifications and approvals, the success of exploration, development and mining activities, the geology of the Company's properties, environmental risks, the availability of labour, the focus of the Company in the future, demand and market outlook for precious metals and the prices thereof, progress in development of mineral properties, the Company's ability to raise funding privately or on a public market in the future, the Company's future growth, results of operations, performance, and business prospects and opportunities. Wherever possible, words such as "anticipate", "believe", "expect", "intend", "may" and similar expressions have been used to identify such forward-looking information. Forward-looking information is based on the opinions and estimates of management at the date the information is given, and on information available to management at such time. Forward-looking information involves significant risks, uncertainties, assumptions and other factors that could cause actual results, performance or achievements to differ materially from the results discussed or implied in the forward-looking information. These factors, including, but not limited to, the ability to complete the Ardea spin-out on the basis of the proposed terms and timing or at all, fluctuations in currency markets, fluctuations in commodity prices, the ability of the Company to access sufficient capital on favourable terms or at all, changes in national and local government legislation, taxation, controls, regulations, political or economic developments in Australia or other countries in which the Company does business or may carry on business in the future, operational or technical difficulties in connection with exploration or development activities, employee relations, the speculative nature of mineral exploration and development, obtaining necessary licenses and permits, diminishing quantities and grades of mineral reserves, contests over title to properties, especially title to undeveloped properties, the inherent risks involved in the exploration and development of mineral properties, the uncertainties involved in interpreting drill results and other geological data, environmental hazards, industrial accidents, unusual or unexpected formations, pressures, cave-ins and flooding, limitations of insurance coverage and the possibility of project cost overruns or unanticipated costs and expenses, and should be considered carefully. Many of these uncertainties and contingencies can affect the Company's actual results and could cause actual results to differ materially from those expressed or implied in any forward-looking statements made by, or on behalf of, the Company. Prospective investors should not place undue reliance on any forward-looking information.

Although the forward-looking information contained in this news release is based upon what management believes, or believed at the time, to be reasonable assumptions, the Company cannot assure prospective purchasers that actual results will be consistent with such forward-looking information, as there may be other factors that cause results not to be as anticipated, estimated or intended, and neither the Company nor any other person assumes responsibility for the accuracy and completeness of any such forward-looking information. The Company does not undertake, and assumes no obligation, to update or revise any such forward-looking statements or forward-looking information contained herein to reflect new events or circumstances, except as may be required by law.

No stock exchange, regulation services provider, securities commission or other regulatory authority has approved or disapproved the information contained in this news release.

Competent Person Statement

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dr Matthew Painter, a Competent Person who is a Member of the Australian Institute of Geoscientists. Dr Painter is a full-time employee of Ardea Resources Limited and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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. Dr Painter consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

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Appendix 1 – Collar location data

Drill holes by Ardea Resources at Gale

Drill hole	Type	Depth (m)	Tenement	Grid	Easting (mE)	Northing (mN)	RL (mASL)	Dip (°)	Azimuth (°)
AMZR0001	RC	50	E39/01854	MGA94_51	384314	6858802	479	-90	000
AMZR0002	RC	50	E39/01854	MGA94_51	384477	6858806	479	-90	000
AMZR0003	RC	50	E39/01854	MGA94_51	384637	6858806	478	-90	000
AMZR0004	RC	66	E39/01854	MGA94_51	384800	6858645	478	-90	000
AMZR0005	RC	50	E39/01854	MGA94_51	384639	6858644	479	-90	000
AMZR0006	RC	98	E39/01854	MGA94_51	384480	6858640	480	-90	000
AMZR0007	RC	50	E39/01854	MGA94_51	384320	6858639	480	-90	000
AMZR0008	RC	100	E39/01854	MGA94_51	384864	6858485	479	-90	000
AMZR0009	RC	100	E39/01854	MGA94_51	384751	6858478	480	-90	000
AMZR0010	RC	55	E39/01854	MGA94_51	384638	6858479	480	-90	000
AMZR0011	RC	50	E39/01854	MGA94_51	384478	6858478	481	-90	000
AMZR0012	RC	55	E39/01854	MGA94_51	384482	6858323	482	-90	000
AMZR0013	RC	50	E39/01854	MGA94_51	384637	6858317	481	-90	000
AMZR0013A	RC	23	E39/01854	MGA94_51	384640	6858320	475	-90	000
AMZR0014	RC	50	E39/01854	MGA94_51	384797	6858327	480	-90	000
AMZR0015	RC	50	E39/01854	MGA94_51	384960	6858323	478	-90	000
AMZR0016	RC	50	E39/01854	MGA94_51	384630	6858167	482	-90	000
AMZR0017	RC	67	E39/01854	MGA94_51	384950	6858157	479	-90	000
AMZR0018	RC	84	E39/01854	MGA94_51	384798	6858159	481	-90	000
AMZR0019	RC	52	E39/01854	MGA94_51	384639	6858000	483	-90	000
AMZR0020	RC	60	E39/01854	MGA94_51	384799	6857997	481	-90	000
AMZR0021	RC	50	E39/01854	MGA94_51	384959	6857999	480	-90	000

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Appendix 2 – Assay results from Gale

All assays from recent drilling at Gale project, Mount Zephyr.

Abbreviations used: Au – gold, As – arsenic, Sb – antimony, S – sulphur, m – metre, g/t – grams per tonne, ppm – parts per million, bd – below detection.

Detection limits: Au – 0.001 g/t, As – 10 ppm, Sb – 0.1 ppm, S – 0.001 %

Hole	From (m)	To (m)	Sample number	Au (g/t)	As (ppm)	Sb (ppm)	S (%)
AMZR0001	0	2	AR026229	0.005	bd	0.3	1.490
AMZR0001	2	4	AR026230	0.012	bd	0.7	0.401
AMZR0001	4	6	AR026231	0.002	10	0.7	0.086
AMZR0001	6	8	AR026232	0.003	bd	0.6	0.042
AMZR0001	8	10	AR026233	0.007	bd	0.6	0.020
AMZR0001	10	12	AR026234	0.004	10	0.3	0.005
AMZR0001	12	14	AR026236	0.033	bd	0.5	0.006
AMZR0001	14	16	AR026237	0.033	10	0.5	0.013
AMZR0001	16	18	AR026238	0.012	bd	0.3	0.004
AMZR0001	18	20	AR026239	0.015	bd	0.5	0.002
AMZR0001	20	22	AR026240	0.008	10	0.3	0.003
AMZR0001	22	24	AR026241	0.016	10	0.2	0.004
AMZR0001	24	26	AR026242	0.012	bd	0.2	0.004
AMZR0001	26	28	AR026243	0.007	bd	0.2	0.012
AMZR0001	28	30	AR026244	0.009	bd	0.5	0.043
AMZR0001	30	32	AR026246	0.020	10	0.5	0.140
AMZR0001	32	34	AR026247	0.126	10	0.7	0.369
AMZR0001	34	36	AR026248	0.087	10	0.6	0.378
AMZR0001	36	38	AR026249	0.077	bd	0.9	0.310
AMZR0001	38	40	AR026250	0.016	bd	0.4	0.125
AMZR0001	40	42	AR026251	0.005	bd	0.6	0.125
AMZR0001	42	44	AR026252	0.008	bd	0.4	0.216
AMZR0001	44	46	AR026253	0.039	bd	0.8	0.340
AMZR0001	46	48	AR026254	0.005	bd	0.9	0.177
AMZR0001	48	50	AR026256	0.015	bd	0.6	0.183
AMZR0002	0	2	AR026257	0.051	230	1.4	0.010
AMZR0002	2	4	AR026258	0.034	200	0.8	0.004
AMZR0002	4	6	AR026259	0.049	210	0.5	0.005
AMZR0002	6	8	AR026260	0.550	240	0.7	0.004
AMZR0002	8	10	AR026261	1.030	190	0.5	0.003
AMZR0002	10	12	AR026262	0.164	140	0.7	0.003
AMZR0002	12	14	AR026263	0.133	100	0.6	0.089
AMZR0002	14	16	AR026264	0.160	170	0.6	0.002
AMZR0002	16	18	AR026266	0.122	80	0.5	0.002
AMZR0002	18	20	AR026267	0.151	70	0.4	0.003
AMZR0002	20	22	AR026268	0.125	40	0.5	0.432
AMZR0002	22	24	AR026269	0.115	30	0.6	0.741
AMZR0002	24	26	AR026270	0.079	20	0.7	0.469
AMZR0002	26	28	AR026271	0.115	30	0.9	0.665
AMZR0002	28	30	AR026272	0.072	20	0.7	0.784
AMZR0002	30	32	AR026273	0.042	bd	0.7	0.598
AMZR0002	32	34	AR026274	0.087	10	0.6	0.674
AMZR0002	34	36	AR026276	0.077	20	0.6	0.644
AMZR0002	36	38	AR026277	0.114	30	0.4	0.434
AMZR0002	38	40	AR026278	0.091	20	0.6	0.384
AMZR0002	40	42	AR026279	0.040	10	0.5	0.409
AMZR0002	42	44	AR026280	0.049	20	0.2	0.380
AMZR0002	44	46	AR026281	0.042	10	0.4	0.397
AMZR0002	46	48	AR026282	0.088	10	0.5	0.401
AMZR0002	48	50	AR026283	0.119	10	0.3	0.439
AMZR0003	0	2	AR026284	0.007	bd	0.4	0.003
AMZR0003	2	4	AR026286	0.002	bd	0.5	bd
AMZR0003	4	6	AR026287	0.011	bd	0.5	bd
AMZR0003	6	8	AR026288	0.018	bd	0.6	bd
AMZR0003	8	10	AR026289	0.009	bd	1.0	0.002
AMZR0003	10	12	AR026290	0.008	bd	1.3	0.057
AMZR0003	12	14	AR026291	0.013	bd	1.2	0.059
AMZR0003	14	16	AR026292	0.015	bd	1.5	0.022
AMZR0003	16	18	AR026293	0.015	bd	1.4	0.150
AMZR0003	18	20	AR026294	0.005	bd	1.1	0.498
AMZR0003	20	22	AR026296	0.001	bd	1.3	0.045
AMZR0003	22	24	AR026297	0.004	bd	1.0	0.093
AMZR0003	24	26	AR026298	0.002	bd	0.9	0.093
AMZR0003	26	28	AR026299	0.003	bd	0.8	0.060
AMZR0003	28	30	AR026300	0.001	bd	1.0	0.021
AMZR0003	30	32	AR026301	0.004	bd	1.0	0.023
AMZR0003	32	34	AR026302	0.004	bd	0.8	0.014
AMZR0003	34	36	AR026303	0.018	bd	0.9	0.083
AMZR0003	36	38	AR026304	0.059	bd	1.1	0.290
AMZR0003	38	40	AR026306	0.071	bd	1.0	0.237
AMZR0003	40	42	AR026307	0.050	bd	0.9	0.190
AMZR0003	42	44	AR026308	0.028	bd	0.9	0.122
AMZR0003	44	46	AR026309	0.074	bd	0.7	0.349
AMZR0003	46	48	AR026310	0.022	bd	1.0	0.080
AMZR0003	48	50	AR026311	0.008	bd	0.9	0.125
AMZR0004	0	2	AR026312	0.123	bd	1.7	0.005
AMZR0004	2	4	AR026313	0.037	bd	0.6	bd
AMZR0004	4	6	AR026314	0.012	bd	0.7	bd

Hole	From (m)	To (m)	Sample number	Au (g/t)	As (ppm)	Sb (ppm)	S (%)
AMZR0004	6	8	AR026316	0.009	bd	0.6	bd
AMZR0004	8	10	AR026317	0.012	bd	0.5	bd
AMZR0004	10	12	AR026318	0.013	bd	0.5	bd
AMZR0004	12	14	AR026319	0.006	bd	0.4	bd
AMZR0004	14	16	AR026320	0.004	bd	0.4	bd
AMZR0004	16	18	AR026321	0.013	bd	0.3	bd
AMZR0004	18	20	AR026322	0.083	bd	0.6	0.008
AMZR0004	20	22	AR026323	0.036	bd	0.5	bd
AMZR0004	22	24	AR026324	0.050	bd	0.5	bd
AMZR0004	24	26	AR026326	0.009	bd	0.5	0.002
AMZR0004	26	28	AR026327	0.019	bd	0.5	0.003
AMZR0004	28	30	AR026328	0.015	bd	0.5	0.002
AMZR0004	30	32	AR026329	0.013	bd	0.5	0.003
AMZR0004	32	34	AR026330	0.025	bd	0.8	0.034
AMZR0004	34	36	AR026331	0.018	bd	0.4	0.019
AMZR0004	36	38	AR026332	0.034	bd	0.7	0.007
AMZR0004	38	40	AR026333	0.127	bd	0.8	0.009
AMZR0004	40	42	AR026334	0.029	bd	0.4	0.045
AMZR0004	42	44	AR026336	0.043	bd	0.5	0.057
AMZR0004	44	46	AR026337	0.043	bd	0.5	0.124
AMZR0004	46	48	AR026338	0.029	bd	0.6	0.045
AMZR0004	48	50	AR026339	0.038	bd	0.5	0.055
AMZR0004	50	52	AR026340	0.007	bd	0.7	0.005
AMZR0004	52	54	AR026341	0.023	bd	0.4	0.058
AMZR0004	54	56	AR026342	0.040	bd	0.3	0.071
AMZR0004	56	58	AR026343	0.013	bd	0.3	0.011
AMZR0004	58	60	AR026344	0.014	bd	0.2	0.006
AMZR0004	60	62	AR026346	0.025	bd	0.3	0.026
AMZR0004	62	64	AR026347	0.005	bd	0.4	0.004
AMZR0004	64	66	AR026348	0.026	bd	0.5	0.137
AMZR0005	0	2	AR026349	0.028	bd	bd	0.003
AMZR0005	2	4	AR026350	0.016	bd	0.3	0.001
AMZR0005	4	6	AR026351	0.009	bd	bd	bd
AMZR0005	6	8	AR026352	0.015	bd	0.2	bd
AMZR0005	8	10	AR026353	0.014	bd	0.2	bd
AMZR0005	10	12	AR026354	0.009	bd	0.1	bd
AMZR0005	12	14	AR026356	0.018	bd	0.1	bd
AMZR0005	14	16	AR026357	0.021	bd	0.2	0.001
AMZR0005	16	18	AR026358	0.016	bd	0.2	bd
AMZR0005	18	20	AR026359	0.009	bd	0.2	0.103
AMZR0005	20	22	AR026360	0.015	bd	0.4	0.100
AMZR0005	22	24	AR026361	0.007	bd	0.3	0.065
AMZR0005	24	26	AR026362	0.005	bd	0.3	0.014
AMZR0005	26	28	AR026363	0.021	bd	0.3	0.080
AMZR0005	28	30	AR026364	0.028	bd	0.4	0.163
AMZR0005	30	32	AR026366	0.055	bd	0.3	0.354
AMZR0005	32	34	AR026367	0.023	bd	0.4	0.294
AMZR0005	34	36	AR026368	0.008	bd	0.3	0.124
AMZR0005	36	38	AR026369	0.023	bd	0.3	0.270
AMZR0005	38	40	AR026370	0.020	bd	0.3	0.237
AMZR0005	40	42	AR026371	0.064	10	0.4	0.304
AMZR0005	42	44	AR026372	0.035	bd	0.7	0.248
AMZR0005	44	46	AR026373	0.011	bd	0.3	0.158
AMZR0005	46	48	AR026374	0.018	bd	0.4	0.302
AMZR0005	48	50	AR026376	0.016	bd	0.4	0.233
AMZR0006	0	2	AR026377	0.035	30	0.7	0.005
AMZR0006	2	4	AR026378	0.154	60	1.2	0.002
AMZR0006	4	6	AR026379	0.372	130	0.8	0.001
AMZR0006	6	8	AR026380	0.182	130	0.5	0.001
AMZR0006	8	10	AR026381	0.110	60	1.0	0.440
AMZR0006	10	12	AR026382	0.371	230	1.2	0.775
AMZR0006	12	14	AR026383	0.404	110	1.1	0.581
AMZR0006	14	16	AR026384	0.158	50	1.5	0.419
AMZR0006	16	18	AR026386	0.307	100	2.3	0.613
AMZR0006	18	20	AR026387	0.287	110	1.5	0.563
AMZR0006	20	22	AR026388	1.250	370	1.7	0.971
AMZR0006	22	24	AR026389	0.638	40	1.3	1.120
AMZR0006	24	26	AR026390	0.479	100	1.2	0.947
AMZR0006	26	28	AR026391	0.659	180	1.2	1.050
AMZR0006	28	30	AR026392	0.394	130	1.2	0.850
AMZR0006	30	32	AR026393	0.293	100	1.2	0.704
AMZR0006	32	34	AR026394	0.209	80	1.3	0.718
AMZR0006	34	36	AR026396	0.213	90	1.3	0.871
AMZR0006	36	38	AR026397	0.217	100	1.1	0.756
AMZR0006	38	40	AR026398	0.119	80	0.8	0.565
AMZR0006	40	42	AR026399	0.109	80	1.0	0.955
AMZR0006	42	44	AR026400	0.121	90	1.0	0.959
AMZR0006	44	46	AR026401	0.193	70	0.9	0.339

Hole	From (m)	To (m)	Sample number	Au (g/t)	As (ppm)	Sb (ppm)	S (%)
AMZR0006	46	48	AR026402	0.126	60	0.9	0.486
AMZR0006	48	50	AR026403	0.198	150	1.0	0.679
AMZR0006	50	52	AR026404	0.124	70	1.0	0.686
AMZR0006	52	54	AR026406	0.111	80	1.1	0.678
AMZR0006	54	56	AR026407	0.113	50	1.1	0.807
AMZR0006	56	58	AR026408	0.269	70	1.0	0.189
AMZR0006	58	60	AR026409	0.272	80	0.9	0.278
AMZR0006	60	62	AR026410	0.306	130	0.8	0.130
AMZR0006	62	64	AR026411	0.144	50	0.7	0.006
AMZR0006	64	66	AR026412	0.196	60	0.8	0.020
AMZR0006	66	68	AR026413	0.354	70	0.9	0.027
AMZR0006	68	70	AR026414	0.284	90	0.9	0.232
AMZR0006	70	72	AR026416	0.250	90	0.9	0.255
AMZR0006	72	74	AR026417	0.166	70	0.8	0.071
AMZR0006	74	76	AR026418	0.173	50	0.6	0.109
AMZR0006	76	78	AR026419	0.311	140	0.6	0.732
AMZR0006	78	80	AR026420	0.175	170	0.6	0.790
AMZR0006	80	82	AR026421	0.253	330	0.9	0.667
AMZR0006	82	84	AR026422	0.223	160	0.7	0.670
AMZR0006	84	86	AR026423	0.509	40	0.8	0.562
AMZR0006	86	88	AR026424	0.181	20	0.7	0.306
AMZR0006	88	90	AR026426	0.059	20	0.6	0.212
AMZR0006	90	92	AR026427	0.471	50	0.8	0.772
AMZR0006	92	94	AR026428	0.371	190	1.2	0.843
AMZR0006	94	96	AR026429	0.349	590	1.6	0.715
AMZR0006	96	98	AR026430	0.392	600	1.3	0.774
AMZR0007	0	2	AR026431	0.004	10	0.4	0.004
AMZR0007	2	4	AR026432	0.003	bd	0.7	0.001
AMZR0007	4	6	AR026433	0.003	bd	0.4	bd
AMZR0007	6	8	AR026434	0.010	bd	0.6	0.001
AMZR0007	8	10	AR026436	0.006	bd	0.6	bd
AMZR0007	10	12	AR026437	0.006	bd	0.6	bd
AMZR0007	12	14	AR026438	0.006	bd	0.7	bd
AMZR0007	14	16	AR026439	0.009	bd	0.6	bd
AMZR0007	16	18	AR026440	0.005	bd	0.6	bd
AMZR0007	18	20	AR026441	0.004	bd	0.2	bd
AMZR0007	20	22	AR026442	0.004	bd	0.5	bd
AMZR0007	22	24	AR026443	0.003	bd	0.4	bd
AMZR0007	24	26	AR026444	0.005	bd	0.1	bd
AMZR0007	26	28	AR026446	0.003	bd	0.3	0.007
AMZR0007	28	30	AR026447	0.002	bd	0.3	0.001
AMZR0007	30	32	AR026448	0.002	bd	0.2	bd
AMZR0007	32	34	AR026449	0.004	10	0.6	0.100
AMZR0007	34	36	AR026450	0.002	bd	0.5	0.005
AMZR0007	36	38	AR026451	0.003	bd	1.1	0.001
AMZR0007	38	40	AR026452	0.003	bd	0.6	0.015
AMZR0007	40	42	AR026453	0.002	bd	0.7	0.012
AMZR0007	42	44	AR026454	0.002	bd	0.5	0.031
AMZR0007	44	46	AR026456	0.002	bd	0.7	0.112
AMZR0007	46	48	AR026457	0.003	bd	0.8	0.021
AMZR0007	48	50	AR026458	0.003	bd	1.6	0.036
AMZR0008	0	2	AR026459	0.011	bd	0.8	0.003
AMZR0008	2	4	AR026460	0.021	bd	0.6	0.001
AMZR0008	4	6	AR026461	0.016	bd	0.4	0.001
AMZR0008	6	8	AR026462	0.011	bd	0.4	0.001
AMZR0008	8	10	AR026463	0.014	bd	0.3	0.001
AMZR0008	10	12	AR026464	0.012	bd	0.3	0.001
AMZR0008	12	14	AR026466	0.005	bd	0.5	0.001
AMZR0008	14	16	AR026467	0.005	bd	0.9	bd
AMZR0008	16	18	AR026468	0.009	bd	0.6	bd
AMZR0008	18	20	AR026469	0.004	bd	0.5	0.001
AMZR0008	20	22	AR026470	0.002	bd	0.6	0.001
AMZR0008	22	24	AR026471	0.006	bd	0.4	0.001
AMZR0008	24	26	AR026472	0.009	bd	0.3	bd
AMZR0008	26	28	AR026473	0.017	bd	0.5	0.003
AMZR0008	28	30	AR026474	0.005	bd	0.6	0.006
AMZR0008	30	32	AR026476	0.003	bd	0.5	0.017
AMZR0008	32	34	AR026477	0.007	bd	1.0	0.027
AMZR0008	34	36	AR026478	0.005	bd	1.3	0.074
AMZR0008	36	38	AR026479	0.005	bd	1.3	0.030
AMZR0008	38	40	AR026480	0.009	bd	1.0	0.040
AMZR0008	40	42	AR026481	0.007	bd	1.3	0.061
AMZR0008	42	44	AR026482	0.003	bd	0.8	0.025
AMZR0008	44	46	AR026483	0.008	bd	1.1	0.047
AMZR0008	46	48	AR026484	0.006	bd	1.2	0.038
AMZR0008	48	50	AR026486	0.009	bd	1.0	0.017
AMZR0008	50	52	AR026487	0.005	bd	1.3	0.049
AMZR0008	52	54	AR026488	0.009	bd	1.5	0.034
AMZR0008	54	56	AR026489	0.005	bd	0.9	0.019
AMZR0008	56	58	AR026490	0.004	bd	1.3	0.016
AMZR0008	58	60	AR026491	0.003	bd	1.8	0.020
AMZR0008	60	62	AR026492	0.003	bd	0.8	0.022
AMZR0008	62	64	AR026493	0.004	bd	1.2	0.009
AMZR0008	64	66	AR026494	0.004	bd	1.3	0.058
AMZR0008	66	68	AR026496	0.002	bd	0.8	0.031
AMZR0008	68	70	AR026497	0.004	bd	2.0	0.023
AMZR0008	70	72	AR026498	0.005	bd	0.9	0.018
AMZR0008	72	74	AR026499	0.007	bd	1.0	0.020
AMZR0008	74	76	AR026500	0.002	bd	2.8	0.055
AMZR0008	76	78	AR026501	0.006	bd	2.6	0.101
AMZR0008	78	80	AR026502	0.006	bd	1.3	0.077
AMZR0008	80	82	AR026503	0.005	bd	1.7	0.053
AMZR0008	82	84	AR026504	0.007	bd	1.5	0.098
AMZR0008	84	86	AR026506	0.005	bd	1.4	0.030
AMZR0008	86	88	AR026507	0.003	bd	2.2	0.133
AMZR0008	88	90	AR026508	0.003	bd	1.9	0.017
AMZR0008	90	92	AR026509	0.001	bd	1.7	0.042
AMZR0008	92	94	AR026510	0.002	bd	2.2	0.023
AMZR0008	94	96	AR026511	0.003	bd	1.9	0.038
AMZR0008	96	98	AR026512	0.006	bd	1.8	0.037
AMZR0008	98	100	AR026513	0.004	bd	2.1	0.054
AMZR0009	0	2	AR026514	0.023	bd	2.6	0.005
AMZR0009	2	4	AR026516	0.027	bd	0.6	0.002
AMZR0009	4	6	AR026517	0.047	bd	1.0	0.002
AMZR0009	6	8	AR026518	0.038	bd	0.6	0.001
AMZR0009	8	10	AR026519	0.046	10	0.6	0.002
AMZR0009	10	12	AR026520	0.029	bd	0.4	0.001
AMZR0009	12	14	AR026521	0.022	bd	0.7	0.001
AMZR0009	14	16	AR026522	0.029	bd	0.7	0.002
AMZR0009	16	18	AR026523	0.028	bd	1.0	0.221
AMZR0009	18	20	AR026524	0.109	bd	0.9	0.314
AMZR0009	20	22	AR026526	0.087	bd	1.2	0.273
AMZR0009	22	24	AR026527	0.080	bd	1.0	0.338
AMZR0009	24	26	AR026528	0.107	bd	0.8	0.387
AMZR0009	26	28	AR026529	0.052	10	0.8	0.212
AMZR0009	28	30	AR026530	0.076	10	1.0	0.386
AMZR0009	30	32	AR026531	0.058	bd	0.9	0.273
AMZR0009	32	34	AR026532	0.061	10	1.3	0.270
AMZR0009	34	36	AR026533	0.051	bd	0.7	0.300
AMZR0009	36	38	AR026534	0.067	bd	0.7	0.370
AMZR0009	38	40	AR026536	0.053	bd	0.8	0.394
AMZR0009	40	42	AR026537	0.095	bd	0.9	0.508
AMZR0009	42	44	AR026538	0.090	10	0.6	0.337
AMZR0009	44	46	AR026539	0.081	bd	1.0	0.287
AMZR0009	46	48	AR026540	0.100	10	0.5	0.369
AMZR0009	48	50	AR026541	0.038	bd	1.0	0.327
AMZR0009	50	52	AR026542	0.068	bd	0.7	0.364
AMZR0009	52	54	AR026543	0.081	bd	0.6	0.288
AMZR0009	54	56	AR026544	0.090	bd	0.7	0.323
AMZR0009	56	58	AR026546	0.037	bd	0.9	0.324
AMZR0009	58	60	AR026547	0.021	bd	0.8	0.382
AMZR0009	60	62	AR026548	0.068	30	1.1	0.297
AMZR0009	62	64	AR026549	0.055	bd	0.7	0.254
AMZR0009	64	66	AR026550	0.043	bd	0.6	0.279
AMZR0009	66	68	AR026551	0.025	bd	0.5	0.357
AMZR0009	68	70	AR026552	0.023	bd	0.6	0.438
AMZR0009	70	72	AR026553	0.104	bd	0.8	0.352
AMZR0009	72	74	AR026554	0.025	bd	0.7	0.350
AMZR0009	74	76	AR026556	0.024	bd	0.9	0.470
AMZR0009	76	78	AR026557	0.029	bd	1.0	0.274
AMZR0009	78	80	AR026558	0.030	bd	0.6	0.146
AMZR0009	80	82	AR026559	0.044	bd	0.8	0.361
AMZR0009	82	84	AR026560	0.031	bd	0.6	0.332
AMZR0009	84	86	AR026561	0.043	bd	0.8	0.267
AMZR0009	86	88	AR026562	0.032	bd	0.9	0.311
AMZR0009	88	90	AR026563	0.029	bd	1.2	0.305
AMZR0009	90	92	AR026564	0.013	bd	1.1	0.287
AMZR0009	92	94	AR026566	0.012	bd	1.3	0.234
AMZR0009	94	96	AR026567	0.020	bd	0.9	0.236
AMZR0009	96	98	AR026568	0.102	bd	0.6	0.303
AMZR0009	98	100	AR026569	0.037	bd	1.3	0.361
AMZR0010	0	2	AR026570	0.039	10	0.5	0.016
AMZR0010	2	4	AR026571	0.063	20	0.4	0.002
AMZR0010	4	6	AR026572	0.099	20	1.1	0.002
AMZR0010	6	8	AR026573	0.054	20	1.0	0.003
AMZR0010	8	10	AR026574	0.090	20	0.5	0.001
AMZR0010	10	12	AR026576	0.059	10	0.5	bd
AMZR0010	12	14	AR026577	0.071	10	0.7	0.001
AMZR0010	14	16	AR026578	0.047	10	1.1	0.001
AMZR0010	16	18	AR026579	0.075	10	0.8	0.001
AMZR0010	18	20	AR026580	0.062	10	0.5	0.001
AMZR0010	20	22	AR026581	0.035	10	0.6	0.028
AMZR0010	22	24	AR026582	0.046	10	0.6	0.142
AMZR0010	24	26	AR026583	0.065	10	0.7	0.267
AMZR0010	26	28	AR026584	0.017	bd	0.8	0.236
AMZR0010	28	30	AR026586	0.016	bd	1.2	0.098
AMZR0010	30	32	AR026587	0.034	bd	0.9	0.344
AMZR0010	32	34	AR026588	0.037	10	0.9	0.245
AMZR0010	34	36	AR026589	0.127	10	1.1	0.461
AMZR0010	36	38	AR026590	0.022	bd	0.9	0.145
AMZR0010	38	40	AR026591	0.009	bd	0.9	0.250
AMZR0010	40	42	AR026592	0.010	bd	0.9	0.306
AMZR0010	42	44	AR026593	0.010	bd	0.7	0.197
AMZR0010	44	46	AR026594	0.007	bd	1.1	0.169
AMZR0010	46	48	AR026596	0.008	bd	1.1	0.196
AMZR0010	48	50	AR026597	0.009	bd	0.7	0.177
AMZR0010	50	52	AR026598	0.013	bd	1.6	0.460
AMZR0010	52	54	AR026599	0.009	bd	0.9	0.353
AMZR0010	54	55	AR026600	0.010	bd	0.8	0.248
AMZR0011	0	2	AR026601	0.102	bd	1.3	0.016
AMZR0011	2	4	AR026602	0.015	bd	0.4	0.003
AMZR0011	4	6	AR026603	0.020	bd	0.5	0.003
AMZR0011	6	8	AR026604	0.078	10	0.8	0.002
AMZR0011	8	10	AR026606	0.082	10	1.1	0.001
AMZR0011	10	12	AR026607	0.091	10	0.5	0.001
AMZR0011	12	14	AR026608	0.078	20	0.4	0.001
AMZR0011	14	16	AR026609	0.054	10	0.6	0.089
AMZR0011	16	18	AR026610	0.115	20	0.8	0.287

Hole	From (m)	To (m)	Sample number	Au (g/t)	As (ppm)	Sb (ppm)	S (%)
AMZR0011	18	20	AR026611	0.231	40	0.7	0.455
AMZR0011	20	22	AR026612	0.405	40	1.0	0.524
AMZR0011	22	24	AR026613	0.098	30	1.3	0.287
AMZR0011	24	26	AR026614	0.148	20	0.8	0.260
AMZR0011	26	28	AR026616	0.032	10	0.5	0.130
AMZR0011	28	30	AR026617	0.129	10	0.6	0.331
AMZR0011	30	32	AR026618	0.149	20	0.5	0.287
AMZR0011	32	34	AR026619	0.018	bd	0.7	0.156
AMZR0011	34	36	AR026620	0.005	bd	0.6	0.043
AMZR0011	36	38	AR026621	0.017	bd	0.3	0.139
AMZR0011	38	40	AR026622	0.084	10	0.6	0.261
AMZR0011	40	42	AR026623	0.104	10	0.4	0.197
AMZR0011	42	44	AR026624	0.020	bd	0.4	0.223
AMZR0011	44	46	AR026626	0.038	10	0.3	0.265
AMZR0011	46	48	AR026627	0.154	20	0.7	0.445
AMZR0011	48	50	AR026628	0.119	10	0.8	0.291
AMZR0012	0	2	AR026629	0.065	10	0.5	0.044
AMZR0012	2	4	AR026630	0.033	bd	0.5	0.007
AMZR0012	4	6	AR026631	0.026	bd	0.6	0.006
AMZR0012	6	8	AR026632	0.071	bd	0.4	0.002
AMZR0012	8	10	AR026633	0.042	bd	0.1	0.002
AMZR0012	10	12	AR026634	0.036	bd	0.2	0.001
AMZR0012	12	14	AR026636	0.043	bd	0.2	0.003
AMZR0012	14	16	AR026637	0.144	10	0.3	0.002
AMZR0012	16	18	AR026638	0.071	10	0.3	0.002
AMZR0012	18	20	AR026639	0.032	bd	0.3	0.016
AMZR0012	20	22	AR026640	0.010	bd	0.9	0.125
AMZR0012	22	24	AR026641	0.004	bd	0.9	0.021
AMZR0012	24	26	AR026642	0.004	bd	0.8	0.052
AMZR0012	26	28	AR026643	0.003	bd	0.9	0.029
AMZR0012	28	30	AR026644	0.008	bd	0.8	0.127
AMZR0012	30	32	AR026646	0.041	bd	0.6	0.235
AMZR0012	32	34	AR026647	0.048	bd	0.7	0.235
AMZR0012	34	36	AR026648	0.043	bd	0.7	0.266
AMZR0012	36	38	AR026649	0.004	bd	0.6	0.030
AMZR0012	38	40	AR026650	0.039	bd	0.7	0.163
AMZR0012	40	42	AR026651	0.019	bd	0.6	0.151
AMZR0012	42	44	AR026652	0.019	bd	0.8	0.145
AMZR0012	44	46	AR026653	0.655	bd	0.7	0.208
AMZR0012	46	48	AR026654	0.020	bd	0.7	0.024
AMZR0012	48	50	AR026656	0.044	bd	0.6	0.108
AMZR0012	50	52	AR026657	0.099	bd	0.5	0.056
AMZR0012	52	54	AR026658	0.024	bd	0.6	0.170
AMZR0012	54	55	AR026659	0.025	bd	0.7	0.171
AMZR0013	0	2	AR026945	0.182	40	1.1	0.007
AMZR0013	2	4	AR026946	0.307	40	0.9	0.004
AMZR0013	4	6	AR026947	0.492	90	0.8	0.004
AMZR0013	6	8	AR026948	0.336	60	0.6	0.002
AMZR0013	8	10	AR026949	0.034	20	0.6	0.002
AMZR0013	10	12	AR026950	0.063	20	0.7	0.001
AMZR0013	12	14	AR026951	0.296	50	0.5	0.001
AMZR0013	14	16	AR026952	0.302	70	0.7	0.050
AMZR0013	16	18	AR026953	0.075	20	0.7	0.034
AMZR0013	18	20	AR026954	0.035	10	0.7	0.045
AMZR0013	20	22	AR026956	0.027	10	0.7	0.066
AMZR0013	22	24	AR026957	0.013	10	0.5	0.017
AMZR0013	24	26	AR026673	0.155	10	0.6	0.211
AMZR0013	26	28	AR026674	0.072	10	0.4	0.273
AMZR0013	28	30	AR026676	0.029	bd	0.4	0.006
AMZR0013	30	32	AR026677	0.014	bd	0.3	0.043
AMZR0013	32	34	AR026678	0.047	10	0.5	0.216
AMZR0013	34	36	AR026679	0.061	10	0.4	0.117
AMZR0013	36	38	AR026680	0.071	10	0.5	0.025
AMZR0013	38	40	AR026681	0.067	10	0.4	0.234
AMZR0013	40	42	AR026682	0.028	10	0.2	0.151
AMZR0013	42	44	AR026683	0.006	bd	0.9	0.021
AMZR0013	44	46	AR026684	0.033	bd	0.4	0.008
AMZR0013	46	48	AR026686	0.001	bd	0.2	0.058
AMZR0013	48	50	AR026687	0.004	bd	0.3	0.039
AMZR0013A	0	2	AR026660	0.176	50	0.5	0.007
AMZR0013A	2	4	AR026661	0.055	20	0.5	0.006
AMZR0013A	4	6	AR026662	0.082	20	0.4	0.002
AMZR0013A	6	8	AR026663	0.522	70	0.5	0.001
AMZR0013A	8	10	AR026664	0.623	140	0.9	0.002
AMZR0013A	10	12	AR026666	0.192	70	0.8	0.001
AMZR0013A	12	14	AR026667	0.110	30	0.5	0.001
AMZR0013A	14	16	AR026668	0.014	10	1.1	0.001
AMZR0013A	16	18	AR026669	0.009	10	0.7	0.002
AMZR0013A	18	20	AR026670	0.458	30	0.4	0.096
AMZR0013A	20	22	AR026671	0.018	10	0.6	0.073
AMZR0013A	22	23	AR026958	0.013	bd	0.6	0.039
AMZR0014	0	2	AR026688	0.066	bd	0.2	0.003
AMZR0014	2	4	AR026689	0.034	bd	0.4	0.001
AMZR0014	4	6	AR026690	0.151	bd	0.4	0.002
AMZR0014	6	8	AR026691	0.062	bd	0.4	0.011
AMZR0014	8	10	AR026692	0.319	bd	0.3	0.012
AMZR0014	10	12	AR026693	0.083	10	0.3	0.001
AMZR0014	12	14	AR026694	0.036	bd	0.4	0.001
AMZR0014	14	16	AR026696	0.071	bd	0.5	bd
AMZR0014	16	18	AR026697	0.055	bd	0.6	0.002
AMZR0014	18	20	AR026698	0.057	10	0.3	0.001
AMZR0014	20	22	AR026699	0.046	10	0.5	0.001
AMZR0014	22	24	AR026700	0.023	bd	0.3	0.403
AMZR0014	24	26	AR026701	0.071	bd	0.4	0.476

Hole	From (m)	To (m)	Sample number	Au (g/t)	As (ppm)	Sb (ppm)	S (%)
AMZR0014	26	28	AR026702	0.067	10	0.6	0.415
AMZR0014	28	30	AR026703	0.064	10	0.5	0.473
AMZR0014	30	32	AR026704	0.052	10	0.5	0.433
AMZR0014	32	34	AR026706	0.047	10	0.5	0.549
AMZR0014	34	36	AR026707	0.068	10	0.4	0.565
AMZR0014	36	38	AR026708	0.076	bd	0.5	0.517
AMZR0014	38	40	AR026709	0.106	bd	0.6	0.390
AMZR0014	40	42	AR026710	0.072	bd	0.4	0.550
AMZR0014	42	44	AR026711	0.039	bd	0.4	0.669
AMZR0014	44	46	AR026712	0.029	bd	0.4	0.565
AMZR0014	46	48	AR026713	0.057	bd	0.5	0.494
AMZR0014	48	50	AR026714	0.041	bd	0.4	0.506
AMZR0015	0	2	AR026716	0.055	100	0.7	0.038
AMZR0015	2	4	AR026717	0.028	30	0.3	0.008
AMZR0015	4	6	AR026718	0.008	20	0.4	0.006
AMZR0015	6	8	AR026719	0.055	100	0.7	0.004
AMZR0015	8	10	AR026720	0.004	20	0.9	0.003
AMZR0015	10	12	AR026721	0.002	bd	0.7	0.002
AMZR0015	12	14	AR026722	0.002	10	0.4	0.003
AMZR0015	14	16	AR026723	0.002	bd	0.7	0.004
AMZR0015	16	18	AR026724	0.003	bd	0.8	0.010
AMZR0015	18	20	AR026726	0.005	bd	0.6	0.001
AMZR0015	20	22	AR026727	0.002	bd	0.3	0.002
AMZR0015	22	24	AR026728	0.002	bd	0.3	0.001
AMZR0015	24	26	AR026729	0.003	bd	0.4	0.001
AMZR0015	26	28	AR026730	0.002	bd	0.6	0.001
AMZR0015	28	30	AR026731	0.002	bd	0.9	0.001
AMZR0015	30	32	AR026732	0.007	bd	0.2	0.002
AMZR0015	32	34	AR026733	0.006	bd	0.3	0.001
AMZR0015	34	36	AR026734	0.010	bd	0.4	0.002
AMZR0015	36	38	AR026736	0.105	10	0.5	0.084
AMZR0015	38	40	AR026737	0.027	bd	0.4	0.151
AMZR0015	40	42	AR026738	0.006	bd	0.5	0.105
AMZR0015	42	44	AR026739	0.013	bd	0.8	0.013
AMZR0015	44	46	AR026740	0.303	bd	1.0	0.018
AMZR0015	46	48	AR026741	0.129	bd	0.8	0.012
AMZR0015	48	50	AR026742	0.037	bd	0.8	0.014
AMZR0016	0	2	AR026743	0.018	bd	0.3	0.005
AMZR0016	2	4	AR026744	0.033	bd	0.6	0.004
AMZR0016	4	6	AR026746	0.027	bd	0.3	0.002
AMZR0016	6	8	AR026747	0.031	10	0.3	0.002
AMZR0016	8	10	AR026748	0.027	bd	0.7	0.002
AMZR0016	10	12	AR026749	0.078	bd	0.3	0.002
AMZR0016	12	14	AR026750	0.051	bd	0.5	0.001
AMZR0016	14	16	AR026751	0.062	10	0.6	0.002
AMZR0016	16	18	AR026752	0.013	bd	0.5	0.002
AMZR0016	18	20	AR026753	0.005	bd	0.3	0.002
AMZR0016	20	22	AR026754	0.004	bd	0.5	0.001
AMZR0016	22	24	AR026756	0.005	bd	0.6	0.001
AMZR0016	24	26	AR026757	0.004	bd	0.2	0.001
AMZR0016	26	28	AR026758	0.001	bd	0.5	0.001
AMZR0016	28	30	AR026759	0.010	bd	0.5	0.001
AMZR0016	30	32	AR026760	0.001	bd	0.3	0.001
AMZR0016	32	34	AR026761	0.004	bd	0.7	0.001
AMZR0016	34	36	AR026762	0.006	bd	0.6	0.015
AMZR0016	36	38	AR026763	0.120	10	0.7	0.199
AMZR0016	38	40	AR026764	0.155	10	1.5	0.294
AMZR0016	40	42	AR026766	0.759	bd	0.9	0.149
AMZR0016	42	44	AR026767	0.142	10	0.7	0.293
AMZR0016	44	46	AR026768	0.007	bd	0.6	0.011
AMZR0016	46	48	AR026769	0.002	bd	0.7	0.003
AMZR0016	48	50	AR026770	0.035	bd	0.5	0.003
AMZR0017	0	2	AR026771	0.106	10	0.4	0.012
AMZR0017	2	4	AR026772	0.119	10	0.4	0.007
AMZR0017	4	6	AR026773	0.162	bd	0.1	0.003
AMZR0017	6	8	AR026774	0.062	bd	0.1	0.003
AMZR0017	8	10	AR026776	0.140	bd	0.5	0.004
AMZR0017	10	12	AR026777	0.412	bd	0.6	0.002
AMZR0017	12	14	AR026778	0.181	bd	0.3	0.002
AMZR0017	14	16	AR026779	0.098	bd	0.5	0.002
AMZR0017	16	18	AR026780	0.050	bd	0.8	0.001
AMZR0017	18	20	AR026781	0.041	bd	0.4	0.001
AMZR0017	20	22	AR026782	0.040	bd	1.1	0.001
AMZR0017	22	24	AR026783	0.005	bd	0.6	0.001
AMZR0017	24	26	AR026784	0.010	bd	0.5	0.001
AMZR0017	26	28	AR026786	0.005	bd	0.7	0.001
AMZR0017	28	30	AR026787	0.004	bd	0.8	0.001
AMZR0017	30	32	AR026788	0.006	bd	0.6	0.003
AMZR0017	32	34	AR026789	0.006	bd	0.5	0.005
AMZR0017	34	36	AR026790	0.004	bd	0.6	0.011
AMZR0017	36	38	AR026791	0.006	bd	0.5	0.008
AMZR0017	38	40	AR026792	0.003	bd	0.4	0.008
AMZR0017	40	42	AR026793	0.010	bd	0.5	0.008
AMZR0017	42	44	AR026794	0.002	bd	0.5	0.008
AMZR0017	44	46	AR026796	0.003	bd	0.6	0.008
AMZR0017	46	48	AR026797	0.004	bd	0.6	0.011
AMZR0017	48	50	AR026798	0.004	bd	0.5	0.167
AMZR0017	50	52	AR026799	0.004	bd	0.6	0.186
AMZR0017	52	54	AR026800	0.002	bd	0.8	0.038
AMZR0017	54	56	AR026801	0.005	bd	0.6	0.065
AMZR0017	56	58	AR026802	0.006	bd	1.1	0.095
AMZR0017	58	60	AR026803	0.015	bd	0.7	0.103
AMZR0017	60	62	AR026804	0.004	bd	0.3	0.072
AMZR0017	62	64	AR026806	0.007	bd	0.4	0.081

Hole	From (m)	To (m)	Sample number	Au (g/t)	As (ppm)	Sb (ppm)	S (%)
AMZR0017	64	66	AR026807	0.036	bd	0.6	0.115
AMZR0017	66	67	AR026808	0.022	bd	0.4	0.143
AMZR0018	0	2	AR026809	0.177	bd	0.3	0.004
AMZR0018	2	4	AR026810	0.071	bd	0.9	0.002
AMZR0018	4	6	AR026811	0.026	bd	0.5	0.004
AMZR0018	6	8	AR026812	0.055	bd	0.4	0.001
AMZR0018	8	10	AR026813	0.126	bd	0.9	0.002
AMZR0018	10	12	AR026814	0.033	bd	1.0	0.001
AMZR0018	12	14	AR026816	0.183	bd	1.1	0.001
AMZR0018	14	16	AR026817	0.096	bd	0.7	0.002
AMZR0018	16	18	AR026818	0.108	bd	0.6	0.050
AMZR0018	18	20	AR026819	0.091	10	0.8	0.152
AMZR0018	20	22	AR026820	0.137	10	1.1	0.243
AMZR0018	22	24	AR026821	0.113	10	1.0	0.410
AMZR0018	24	26	AR026822	0.055	bd	0.9	0.256
AMZR0018	26	28	AR026823	0.028	bd	1.2	0.101
AMZR0018	28	30	AR026824	0.102	10	0.8	0.235
AMZR0018	30	32	AR026826	0.502	20	1.0	0.334
AMZR0018	32	34	AR026827	0.262	10	0.9	0.408
AMZR0018	34	36	AR026828	0.099	10	1.3	0.290
AMZR0018	36	38	AR026829	0.149	20	1.0	0.264
AMZR0018	38	40	AR026830	0.146	20	1.4	0.565
AMZR0018	40	42	AR026831	0.068	20	1.5	0.498
AMZR0018	42	44	AR026832	0.091	30	1.4	0.528
AMZR0018	44	46	AR026833	0.132	20	1.4	0.542
AMZR0018	46	48	AR026834	0.180	20	1.8	0.791
AMZR0018	48	50	AR026836	0.248	20	1.5	0.559
AMZR0018	50	52	AR026837	0.122	10	1.1	0.369
AMZR0018	52	54	AR026838	0.157	10	1.4	0.375
AMZR0018	54	56	AR026839	0.290	30	1.9	0.542
AMZR0018	56	58	AR026840	0.262	30	1.2	0.738
AMZR0018	58	60	AR026841	0.327	10	0.7	0.332
AMZR0018	60	62	AR026842	0.168	10	0.6	0.353
AMZR0018	62	64	AR026843	0.161	10	0.7	0.378
AMZR0018	64	66	AR026844	0.071	bd	1.4	0.378
AMZR0018	66	68	AR026846	0.084	bd	0.8	0.241
AMZR0018	68	70	AR026847	0.064	bd	0.9	0.132
AMZR0018	70	72	AR026848	0.064	bd	3.5	0.213
AMZR0018	72	74	AR026849	0.042	bd	0.8	0.182
AMZR0018	74	76	AR026850	0.088	bd	0.2	0.415
AMZR0018	76	78	AR026851	0.075	bd	0.3	0.342
AMZR0018	78	80	AR026852	0.014	bd	0.2	0.171
AMZR0018	80	82	AR026853	0.064	10	0.6	0.397
AMZR0018	82	84	AR026854	0.036	bd	0.4	0.247
AMZR0019	0	2	AR026856	0.009	bd	0.3	0.006
AMZR0019	2	4	AR026857	0.014	bd	0.1	0.003
AMZR0019	4	6	AR026858	0.007	bd	0.7	0.002
AMZR0019	6	8	AR026859	0.011	bd	0.6	0.001
AMZR0019	8	10	AR026860	0.025	bd	1.1	0.001
AMZR0019	10	12	AR026861	0.047	bd	0.9	0.002
AMZR0019	12	14	AR026862	0.014	bd	0.4	bd
AMZR0019	14	16	AR026863	0.011	bd	0.6	bd
AMZR0019	16	18	AR026864	0.015	bd	1.1	bd
AMZR0019	18	20	AR026866	0.021	10	0.9	bd
AMZR0019	20	22	AR026867	0.019	10	2.1	0.004
AMZR0019	22	24	AR026868	0.015	bd	1.3	bd
AMZR0019	24	26	AR026869	0.007	bd	0.4	bd
AMZR0019	26	28	AR026870	0.007	bd	0.7	bd
AMZR0019	28	30	AR026871	0.005	bd	0.6	bd
AMZR0019	30	32	AR026872	0.003	bd	0.7	bd
AMZR0019	32	34	AR026873	0.004	bd	0.5	bd
AMZR0019	34	36	AR026874	0.002	bd	0.3	0.006
AMZR0019	36	38	AR026876	0.002	bd	0.2	0.007
AMZR0019	38	40	AR026877	0.002	bd	0.5	0.013
AMZR0019	40	42	AR026878	0.041	bd	0.3	0.329
AMZR0019	42	44	AR026879	0.068	bd	0.2	0.523
AMZR0019	44	46	AR026880	0.010	bd	0.3	0.115
AMZR0019	46	48	AR026881	0.003	bd	0.3	0.015
AMZR0019	48	50	AR026882	0.009	bd	0.3	0.061
AMZR0019	50	52	AR026883	0.006	bd	0.4	0.098
AMZR0020	0	2	AR026884	0.021	bd	0.7	0.083
AMZR0020	2	4	AR026886	0.014	bd	1.2	0.016
AMZR0020	4	6	AR026887	0.014	bd	0.5	0.024
AMZR0020	6	8	AR026888	0.012	bd	0.8	0.015
AMZR0020	8	10	AR026889	0.008	bd	1.0	0.010
AMZR0020	10	12	AR026890	0.005	bd	0.9	0.007
AMZR0020	12	14	AR026891	0.030	bd	0.7	0.009
AMZR0020	14	16	AR026892	0.027	bd	1.2	0.003
AMZR0020	16	18	AR026893	0.006	bd	1.5	0.007
AMZR0020	18	20	AR026894	0.050	10	0.8	0.001
AMZR0020	20	22	AR026896	0.030	bd	1.0	0.001
AMZR0020	22	24	AR026897	0.010	bd	0.7	bd
AMZR0020	24	26	AR026898	0.013	bd	0.6	bd
AMZR0020	26	28	AR026899	0.003	bd	0.8	0.001
AMZR0020	28	30	AR026900	0.007	bd	0.7	0.002
AMZR0020	30	32	AR026901	0.003	bd	0.7	0.006
AMZR0020	32	34	AR026902	0.003	bd	0.9	0.017
AMZR0020	34	36	AR026903	0.005	bd	0.8	0.114
AMZR0020	36	38	AR026904	0.003	bd	0.4	0.003
AMZR0020	38	40	AR026906	0.002	bd	0.4	0.049
AMZR0020	40	42	AR026907	0.002	bd	0.7	0.014
AMZR0020	42	44	AR026908	0.004	bd	0.4	0.077
AMZR0020	44	46	AR026909	0.002	bd	0.7	0.003
AMZR0020	46	48	AR026910	0.003	bd	0.5	0.002

Hole	From (m)	To (m)	Sample number	Au (g/t)	As (ppm)	Sb (ppm)	S (%)
AMZR0020	48	50	AR026911	bd	bd	0.4	0.004
AMZR0020	50	52	AR026912	0.003	bd	0.4	0.008
AMZR0020	52	54	AR026913	0.003	bd	0.6	0.021
AMZR0020	54	56	AR026914	0.030	bd	0.4	0.174
AMZR0020	56	58	AR026916	0.005	bd	0.6	0.055
AMZR0020	58	60	AR026917	0.003	bd	0.6	0.011
AMZR0021	0	2	AR026918	0.046	20	1.2	0.006
AMZR0021	2	4	AR026919	0.072	10	1.9	0.003
AMZR0021	4	6	AR026920	0.137	10	1.0	0.003
AMZR0021	6	8	AR026921	0.144	10	0.5	0.001
AMZR0021	8	10	AR026922	0.310	10	1.4	0.003
AMZR0021	10	12	AR026923	0.114	10	1.4	0.002
AMZR0021	12	14	AR026924	0.299	10	0.7	bd
AMZR0021	14	16	AR026926	0.152	10	1.5	bd
AMZR0021	16	18	AR026927	0.180	10	2.5	0.001
AMZR0021	18	20	AR026928	0.194	10	1.1	bd
AMZR0021	20	22	AR026929	0.215	10	0.9	bd
AMZR0021	22	24	AR026930	0.419	bd	0.8	0.002
AMZR0021	24	26	AR026931	0.531	10	0.9	0.281
AMZR0021	26	28	AR026932	0.143	10	1.0	0.011
AMZR0021	28	30	AR026933	0.069	10	1.2	0.010
AMZR0021	30	32	AR026934	0.058	bd	1.0	0.080
AMZR0021	32	34	AR026936	0.040	bd	1.3	0.084
AMZR0021	34	36	AR026937	0.099	bd	1.4	0.443
AMZR0021	36	38	AR026938	0.030	bd	0.9	0.605
AMZR0021	38	40	AR026939	0.077	10	1.0	0.004
AMZR0021	40	42	AR026940	0.066	bd	1.7	0.174
AMZR0021	42	44	AR026941	0.038	10	1.0	0.193
AMZR0021	44	46	AR026942	0.022	bd	1.5	0.323
AMZR0021	46	48	AR026943	0.015	bd	1.3	0.411
AMZR0021	48	50	AR026944	0.033	bd	1.1	0.413

Appendix 3 – Defined intercepts, Gale

Parameters used to define gold intercepts at Gale

Parameter	Gold	
Minimum cut-off	0.1 g/t	0.5 g/t
Minimum intercept thickness	1 m	1 m
Maximum internal waste thickness	2 m	2 m

For greenfields exploration purposes, gold intercepts are defined using a 0.1 g/t Au cut-off on a minimum intercept of 1 m and a maximum internal waste of 2 m. Secondary intercepts (i.e. the "*including*" intercepts) are defined using a 0.5 g/t cut-off and the same intercept and internal waste characteristics.

Drillhole	Interval	Gold intercept (0.1 g/t cutoff)	Gold intercept (0.5 g/t cutoff)
AMZR0001	32–34 m	2 m at 0.13 g/t Au from 32 m	
AMZR0002	6–50 m	22 m at 0.25 g/t Au from 6 m	*including* 4 m at 0.79 g/t Au from 6 m
		and 2 m at 0.11 g/t Au from 36 m	
		and 2 m at 0.12 g/t Au from 48 m	
AMZR0004	0–40 m	2 m at 0.12 g/t Au from surface	
		and 2 m at 0.13 g/t Au from 38 m	
AMZR0006	2–98 m	96 m at 0.28 g/t Au from 2 m	*including* 8 m at 0.76 g/t Au from 20 m
			and 2 m at 0.51 g/t Au from 84 m
AMZR0009	18–98 m	2 m at 0.11 g/t Au from 18 m	
		and 2 m at 0.11 g/t Au from 24 m	
		and 2 m at 0.10 g/t Au from 46 m	
		and 2 m at 0.10 g/t Au from 70 m	
		and 2 m at 0.10 g/t Au from 96 m	
AMZR0010	34–36 m	2 m at 0.13 g/t Au from 34 m	
AMZR0011	0–50 m	2 m at 0.10 g/t Au from surface	
		and 16 m at 0.16 g/t Au from 16 m	
		and 2 m at 0.10 g/t Au from 40 m	
		and 4 m at 0.14 g/t Au from 46 m	
AMZR0012	14–46 m	2 m at 0.14 g/t Au from 14 m	
		and 2 m at 0.66 g/t Au from 44 m	
AMZR0013	0–26 m	8 m at 0.33 g/t Au from surface	
		and 4 m at 0.30 g/t Au from 12 m	
		and 2 m at 0.16 g/t Au from 24 m	
AMZR0013A	0–20 m	2 m at 0.18 g/t Au from surface	
		and 8 m at 0.36 g/t Au from 6 m	*including* 4 m at 0.57 g/t Au from 6 m
		and 2 m at 0.46 g/t Au from 18 m	
AMZR0014	4–40 m	6 m at 0.18 g/t Au from 4 m	
		and 2 m at 0.11 g/t Au from 38 m	
AMZR0015	36–48 m	2 m at 0.11 g/t Au from 36 m	
		and 4 m at 0.22 g/t Au from 44 m	
AMZR0016	36–44 m	8 m at 0.29 g/t Au from 36 m	*including* 2 m at 0.76 g/t Au from 40 m
AMZR0017	0–14 m	14 m at 0.17 g/t Au from surface	
AMZR0018	0–64 m	2 m at 0.18 g/t Au from surface	
		and 16 m at 0.11 g/t Au from 8 m	
		and 12 m at 0.21 g/t Au from 28 m	*including* 2 m at 0.5 g/t Au from 30 m
		and 20 m at 0.20 g/t Au from 44 m	
AMZR0021	4–28 m	24 m at 0.24 g/t Au from 4 m	*including* 2 m at 0.53 g/t Au from 24 m

Appendix 4 – JORC Code, 2012 Edition, Table 1 report

Section 1 Sampling Techniques and Data

(Criteria in this section applies 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.*	• All holes were sampled "in-principle" on a 2 metre down hole interval basis, with exceptions being made due to visual geological/mineralogical breaks, and end of hole final-lengths. All sampling lengths were recorded in ARL's standard sampling record spreadsheets. Sample condition, sample recovery and sample size were recorded for all drill-core samples collected by ARL. • The drill spacing was broad at a nominal 160mN x 160mE and was designed to achieve maximum coverage. The drilling will also contribute to provide material for the purpose of metallurgical sampling should the need arise. • Industry standard practice was used in the processing of samples for assay, with 2m intervals of RC chips collected in green plastic bags. A definitive interpretation of the mineralisation awaits further drilling. • Assay of samples utilised standard laboratory techniques with standard ICP-AES undertaken on 50 gram samples for Au, Pt and Pd, and lithium borate fused-bead XRF analysis used for the remaining multi-element suite. Further details of lab processing techniques are found in Quality of assay data and laboratory tests below.
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).*	• In this most recent program, Ardea drilled the Gale prospect with 21 reverse circulation (RC) drill holes on a varying MGA94 z51 northing grid-spacing of 160m at several localities (see Figure 1). Holes were vertical (-90 degree dip). RC drilling was performed with a face sampling hammer (bit diameter between 4½ and 5 ¼ inches) and samples were collected by either a cone (majority) or riffle splitter using 2 metre composites. Sample condition, sample recovery and sample size were recorded for all drill samples collected by ARL.
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.*	• RC chip sample recovery was recorded by visual estimation of the reject sample, expressed as a percentage recovery. Overall estimated recovery was high. RC Chip sample condition recorded using a three code system, D=Dry, M=Moist, W=Wet. A small proportion of samples were moist or wet (11.5%), with the majority of these being associated with soft goethite clays, where water injection has been used to improve drill recovery. • Measures taken to ensure maximum RC sample recoveries included maintaining a clean cyclone and drilling equipment, using water injection at times of reduced air circulation, as well as regular communication with the drillers and slowing drill advance rates when variable to poor ground conditions are encountered.
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.*	• Drilling was undertaken for first pass exploration purposes. The level of logging detail utilised supports future potential resource estimation and was as follows: Visual geological logging was completed for all drilling both at the time of drilling (using standard Ardea logging codes), and later over relevant met-sample intervals with a metallurgical-logging perspective. Geochemistry from historic data was used together with logging data to validate logged geological horizons. • Visual geological logging was completed for all RC drilling on 1 metre intervals. Logging was performed at the time of drilling, and planned drill hole target lengths adjusted by the geologist during drilling. The geologist also oversaw all sampling and drilling practices. A mixture of ARL employees and contract geologists supervised all drilling. A small selection of representative chips were also collected for every 1 metre interval and stored in chip-trays for future reference. • In total, 1,310 m were drilled during the program, with the chips generated during entire program logged in detail.
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.*	• 2 metre composite samples were recovered using a 15:1 rig mounted cone splitter or trailer mounted riffle splitter during drilling into a calico sample bag. Sample target weight was between 2 and 3kg. In the case of wet clay samples, grab samples taken from sample return pile, initially into a calico sample bag. Wet samples were stored separately from other samples in plastic bags and riffle split once dry. • QAQC was employed. A standard, blank or duplicate sample was inserted into the sample stream 10 metres on a rotating basis. Standards were quantified industry standards. Every 30th sample a duplicate sample was taken using the same sample

Criteria	JORC Code explanation	Commentary
	• *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.*	sub sample technique as the original sub sample. Sample sizes are appropriate for the nature of mineralisation.

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, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.*
		• All Ardea samples were submitted to Kalgoorlie Bureau Veritas (BV) laboratories and transported to BV Perth, where they were pulverised.
		  • The samples were sorted, wet weighed, dried then weighed again. Primary preparation has been by crushing and splitting the sample with a riffle splitter where necessary to obtain a sub-fraction which has then been pulverised in a vibrating pulveriser. All coarse residues have been retained.
		  • The samples have been cast using a 66:34 flux with 4% lithium nitrate added to form a glass bead. Al, As, Ba, Ca, Cl, Co, Cr, Cu, Fe, Ga, K, Mg, Mn, Na, Ni, P, Pb, S, Sc, Si, Sr, Ti, V, Zn, Zr have been determined by X-Ray Fluorescence (XRF) Spectrometry on oven dry (105˚C) sample unless otherwise stated.
		  • A fused bead for Laser Ablation MS was created to define Ag_LA, Be_LA, Bi_LA, Cd_LA, Ce_LA, Co_LA, Cs_LA, Dy_LA, Er_LA, Eu_LA, Gd_LA, Ge_LA, Hf_LA, Ho_LA, In_LA, La_LA, Lu_LA, Mo_LA, Nb_LA, Nd_LA, Ni_LA, Pr_LA, Rb_LA, Re_LA, Sb_LA, Sc_LA, Se_LA, Sm_LA, Sn_LA, Ta_LA, Tb_LA, Te_LA, Th_LA, Tl_LA, Tm_LA, U_LA, V_LA, W_LA, Y_LA, Yb_LA, which have been determined by Laser Ablation Inductively Coupled Plasma Mass Spectrometry (LAICP-MS).
		  • The samples have been analysed by Firing a 40 g (approx) portion of the sample. Lower sample weights may be employed for samples with very high sulphide and metal contents. This is the classical fire assay process and will give total separation of Gold, Platinum and Palladium in the sample. Au1, Pd, Pt have been determined by Inductively Coupled Plasma (ICP) Optical Emission Spectrometry.
		  • Loss on Ignition results have been determined using a robotic TGA system. Furnaces in the system were set to 110 and 1000 degrees Celsius. LOI1000 have been determined by Robotic TGA.
		  • Dry weight and wet weight have been determined gravimetrically.
		• BV routinely inserts analytical blanks, standards and duplicates into the client sample batches for laboratory QAQC performance monitoring.
		• Ardea also inserted QAQC samples into the sample stream at a 1 in 10 frequency, alternating between blanks (industrial sands) and standard reference materials. Additionally, a review was conducted for geochemical consistency between historically expected data, recent data, and geochemical values that would be expected in a nickel laterite profile.
		• All of the QAQC data has been statistically assessed. There were rare but explainable inconsistencies in the returning results from standards submitted, and it has been determined that levels of accuracy and precision relating to the samples are acceptable.

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.*	• BV routinely inserts analytical blanks, standards and duplicates into the client sample batches for laboratory QAQC performance monitoring. • Ardea also inserted QAQC samples into the sample stream at a 1 in 20 frequency, alternating between duplicates splits, blanks (industrial sands) and standard reference materials. • All of the QAQC data has been statistically assessed. Ardea has undertaken its own further in-house review of QAQC results of the BV routine standards, 100% of which returned within acceptable QAQC limits. This fact combined with the fact that the data is demonstrably consistent has meant that the results are considered to be acceptable and suitable for reporting.
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.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• All drill holes are to be surveyed using an RTK DGPS system with either a 3 or 7 digit accuracy. The coordinates are stored in the exploration database referenced to the MGA Zone 51 Datum GDA94. • All holes drilled as part of the Gale program were vertical. No holes were down-hole surveyed except at EOH. • The grid system for all models is GDA94. Where historic data or mine grid data has been used it has been transformed into GDA94 from its original source grid via the appropriate transformation. Both original and transformed data is stored in the digital database. • A DGPS pickup up of drill collar locations is considered sufficiently accurate for reporting of resources, but is not suitable for mine planning and reserves.
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*	• The drill spacing was designed to provide first-pass exploration results at a density of 160mE x 160mN. • The spacing is not considered sufficient for the definition of Mineral Resources. Further exploratory drilling will required before the calculation of such resources could be considered.

Criteria	JORC Code explanation	Commentary
	Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. • *Whether sample compositing has been applied.*	• Sample compositing has not been applied to the newly collected data.
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.*	• All drill holes in this program were vertical. • True orientations of gold controlling structures are not currently known at Gale. Both flat-lying and steep structures are expected but neither have been measured. As such, no comment can yet be made regarding the representativity of calculated intercepts. It is expected that the orientations of structures and therefore their optimal sampling orientations will be revealed through further drilling.
Sample security	• *The measures taken to ensure sample security.*	• All samples were collected and accounted for by ARL employees/consultants during drilling. All samples were bagged into calico plastic bags and closed with cable ties. Samples were transported to Kalgoorlie from logging site by ARL employees/ consultants and submitted directly to BV Kalgoorlie. • The appropriate manifest of sample numbers and a sample submission form containing laboratory instructions were submitted to the laboratory. Any discrepancies between sample submissions and samples received were routinely followed up and accounted for.

Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audit or review beyond normal operating procedures has yet been undertaken on the Gale dataset. ARL has periodically conducted internal reviews of sampling techniques relating to resultant exploration datasets, and larger scale reviews capturing the data from multiple drilling programs.
		• Internal reviews of the exploration data included the following:
		  • Unsurveyed drill hole collars (less than 1% of collars).
		  • Drill Holes with overlapping intervals (0%).
		  • Drill Holes with no logging data (less than 2% of holes).
		  • Sample logging intervals beyond end of hole depths (0%).
		• Samples with no assay data (from 0 to <5% for any given project, usually related to issues with sample recovery from difficult ground conditions, mechanical issues with drill rig, damage to sample in transport or sample preparation).
		  • Assay grade ranges.
		  • Collar coordinate ranges
		  • Valid hole orientation data.
		• The BV Laboratory was visited by ARL staff in 2017, and the laboratory processes and procedures were reviewed at this time and determined to be robust.

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.*	• The tenement on which the Gale drilling was undertaken is E39/1854. ARL, through its subsidiary companies, is the sole holder of the tenement. • Heritage surveys were carried out by Kado Muir, Heritage Consultant (Masters CHS – Anthropology/Archaeology) prior to application for the Program of Works to undertake the program.

Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• The Gale prospect has been subject to limited historic exploration, mostly as drilling.
		  • BHP (late 1980s) identified anomalism at surface and drilled 19 shallow RAB holes immediately southwest of the currently defined mineralisation. These early holes were generally less than 20m deep in an area of alluvial cover, and are not considered to have effectively tested for mineralisation.
		  • Aurora Gold (early 1990s) identified sheared and sericite-biotite altered granite that was interpreted to be the source of the soil anomalism. RAB drill programs yielded results including MZR4 (0 to 18 m at 0.51 g/t Au), MZR19 (0 to 18 m at 0.48 g/t Au), and MZR49 (0 to 6 m at 1.26 g/t Au). As per the prevailing ideas of the day, Aurora assumed vertically-oriented gold lodes, but could not make these hold together.
		  • Around 2000, shallow RAB drilling by Regal Resources returned anomalous geochemical results including 2 m at 3.12 g/t Au from 8 m in MZR020 and 2 m at 1.64 g/t Au from 2 m in MZR024.
		  • Newcrest drilled 12 RC drillholes, most to 150 m depth, in two lines coinciding with known mineralisation, confirming earlier gold results and achieving results such as NGRC004 (0 to 48 m at 0.19 gt Au) and NGRC011 (62 to 64 m at 0.71 g/t Au).

Geology	• *Deposit type, geological setting and style of mineralisation.*	• Mineralisation at Gale appears to be granitoid hosted orogenic gold. Strong parallels are drawn with Dacian's Jupiter deposit around 50 km to the SE. Granitoid plugs are intruded into the hangingwall of the Celia Lineament. Contrasting rheological characteristics likely result in fracturing contemporaneous with deformation and regional gold mineralising events.
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.*	• All holes drilled in this most recent program are listed in "Appendix 1 – Collar location data".
Drill hole Information	• *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.*	• All assay data relating to the metals of interest at Gale, namely gold and associated tracefinder elements arsenic, antimony, and sulphur, are listed in "Appendix 2 – Assay results from Gale". Other elements were assayed but have not been reported here. They are of use and of interest from a scientific and metallurgical perspective, but are not considered material and their exclusion does not detract from the understanding of this report.
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.*	• Most drill hole samples have been collected over 2 m down hole intervals. • Gold intercepts at Gale are defined using a 0.1 g/t cut-off on a minimum intercept of 1 m and a maximum internal waste of 2 m. Secondary intercepts (i.e. the "including" intercepts) are defined using a 0.5 g/t cut-off and the same intercept and internal waste characteristics. • Assay compositing techniques were not used in this assessment. • No metal equivalent calculations have been used in this assessment.
Relationship between mineralisation widths	• *These relationships are particularly important in the reporting of Exploration Results.*	• All drill holes in this program were vertical. • True orientations of gold controlling structures are not currently known at Gale. Both

Criteria	JORC Code explanation	Commentary
and intercept lengths	• *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').*	flat-lying and steep structures are expected but neither have been measured. As such, no comment can yet be made regarding the representativity of calculated intercepts. It is expected that the orientations of structures and therefore their optimal sampling orientations will be revealed through further drilling.
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.*	• A map of the gold mineralisation is shown within the report. Cross sections are not shown as gold as the Company is still developing its understanding of the prospect.
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.*	• Not applicable to this report. All results are reported either in the text or in the associated appendices. Examples of high-grade mineralisation are labelled as such.
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.*	• No other data are, at this stage, known to be either beneficial or deleterious to recovery of the metals reported.
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.*	• Further drilling is required at Gale but has not yet been defined. Further drilling could include infill drilling, additional drill lines to the north,and extension of lines to the east and west as appropriate. • Metallurgical assessment of all metals of interest at Gale will be undertaken prior to progression to a Pre-Feasibility Study (PFS) should such a study be warranted.