

# OUTSTANDING NEW HIGH-GRADE HITS EXTEND KAMPERMAN STRIKE LENGTH TO 350 METRES

Recent RC drilling at Kamperman has successfully in-filled the Prospect to the south and extended the known mineralised strike by a further 100 metres to the north.

## HIGHLIGHTS

- Assay results received from the remaining 15 holes of a 19-hole/2,459 metre Reverse Circulation (RC) drilling program at the Kamperman Prospect (Feysville Gold Project), with best results including:
  - **13 metres at 3.95g/t Au** from 35 metres including **1 metre at 45.6g/t Au** from 41 metres in FRC279;
  - **24 metres at 2.67g/t Au** from 49 metres including **1 metre at 31.7g/t Au** from 59 metres in FRC272;
  - **15 metres at 3.12g/t Au** from 23 metres including **1 metre at 13.9g/t Au** from 24 metres in FRC271;
  - **33 metres at 1.21g/t Au** from 31 metres in FRC273;
  - **1 metre at 5.25g/t Au** from 83 metres and **5 metres at 5.94g/t Au** from 90 metres including **2 metres at 12.7g/t Au** from 90 metres in FRC280;
  - **5 metres at 3.11g/t Au** from 73 metres including **1 metre at 10.7g/t Au** from 73 metres in FRC270;
  - **14 metres at 1.09g/t Au** from 21 metres and **12 metres at 0.87g/t Au** from 40 metres in FRC276;
  - **5 metres at 2.02g/t Au** from 157 metres to bottom-of-hole in FRC278; and
  - **3 metres at 2.59g/t Au** from 33 metres and **3 metres at 1.97g/t Au** from 79 metres in FRC281.
- Extensional drilling has successfully increased the strike length of the Kamperman Prospect to 350 metres with the mineralisation remaining open to both the north and south.
- A follow up 2,500 metre RC program is planned at Kamperman to extend the strike length a further 160 metres targeting high-grade shear-hosted gold mineralisation.
- With 14 of the 19 holes drilled in this latest campaign intersecting significant gold mineralisation, Kamperman continues to advance towards a potentially very valuable source of high-grade satellite ore for the Mandilla Process Plant contemplated in the September 2023 Scoping Study<sup>1</sup>.

<sup>1</sup> Refer to ASX Announcement 21 September 2023 "Mandilla Gold Project – Kalgoorlie, WA. Positive Scoping Study"

*Astral Resources' Managing Director Marc Ducler said: "This Kamperman Prospect continues to deliver. The results from the remaining 15 holes of the 19-hole RC drill program have now been returned and the program has successfully delivered on both of its key objectives – extending the strike length to the north and in-filling the prospect to the south.*

*"14 of the 19 RC holes drilled in this latest program returned significant assay results, with this high success rate continuing to demonstrate that Kamperman has the potential to be a meaningful contributor of high-grade satellite ore into the Mandilla process plant contemplated in the September 2023 Scoping Study.*

*"Following on from the strongly supported capital raising completed in late March 2024, Astral is now well funded to continue on with its aggressive exploration programs, including further drilling at Kamperman.*

*"A 2,500-metre follow-up RC program is planned to commence this month to further extend known mineralisation at Kamperman beyond the current 350-metres strike length."*

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**Astral Resources NL (ASX: AAR)** (Astral or the Company) is pleased to report assay results from the remaining 15 holes of a recently completed 19-hole RC drilling program at the Kamperman Prospect, part of its 100%-owned Feysville Gold Project (**Feysville**), located approximately 14km south of Kalgoorlie in Western Australia (Figure 1).



Figure 1 – Mandilla and Feysville Gold Projects location map.

## FEYSVILLE GOLD PROJECT

The Feysville Gold Project is located within the north-north-west trending Norseman-Wiluna Greenstone Belt, within the Kambalda Domain of the Archaean Yilgarn Craton.

Feysville hosts a Mineral Resource Estimate (**MRE**) of **3Mt at 1.3g/t Au for 116koz** of contained gold<sup>2</sup> at the Think Big deposit, providing a foundation to potentially become a source of satellite ore feed to a future operation based on the Company's flagship Mandilla Gold Project.

Significant gold and nickel mineralisation occurs throughout the belt, including world-class deposits such as the Golden Mile Super Pit in Kalgoorlie owned by Northern Star Limited (ASX:NST) and the St Ives Gold Mine south of Kambalda owned by Gold Fields Limited.

Locally, Feysville has been interpreted to contain upthrust ultramafics, emplaced within a sequence of volcanic sediments (the Black Flag sediment group), granitic intrusions, mafic basalts, gabbro and andesite.

A map identifying tenements and deposits/prospects on local area geology is set out in Figure 2.

<sup>2</sup> Feysville JORC 2012 Mineral Resource Estimate: 0.6Mt at 1.1g/t Au for 20.2koz Indicated Mineral Resources and 2.3Mt at 1.3g/t Au for 95.6koz Inferred Mineral Resources (refer to ASX Announcement dated 8 April 2019).

## FEYSVILLE EXPLORATION UPDATE

On 8 February 2024, Astral commenced a 19-hole RC drill program at Kamperman, where a mineralised strike length of 250 metres has previously been interpreted.

The primary aim of the program was to link and further extend the known mineralised corridor at Kamperman, and to further investigate the potential for multiple mineralisation styles within this exciting new prospect.

A total of 2,459 metres were subsequently drilled.

Of the 19 holes, nine were completed to the north of the prospect with the aim of identifying mineralisation to the north of the previously drilled FRC243 (**4 metres at 94.8g/t Au** from 77 metres<sup>3</sup>).

Ten holes were completed to in-fill between previous high-grade intersections on 80-metre sectional spacings with previously reported results including, from north to south:

- **4 metres at 94.8g/t Au** from 77 metres in FRC243;
- **21 metres at 4.16g/t Au** from 31 metres in FRC241;
- **13 metres at 9.06g/t Au** from 24 metres in AC hole FVA067;
- **15 metres at 2.21g/t Au** from 32 metres in RC hole FEC729;
- **35 metres at 2.19g/t Au** from 81 metres in FRC240; and
- **5 metres at 5.89g/t Au** from 112 metres in FRC238.

The first four holes of this program, drilled towards the southern extent of currently known mineralisation, were the subject of a separate announcement (Refer to ASX announcement dated 6 March 2024<sup>4</sup>).

Best results included:

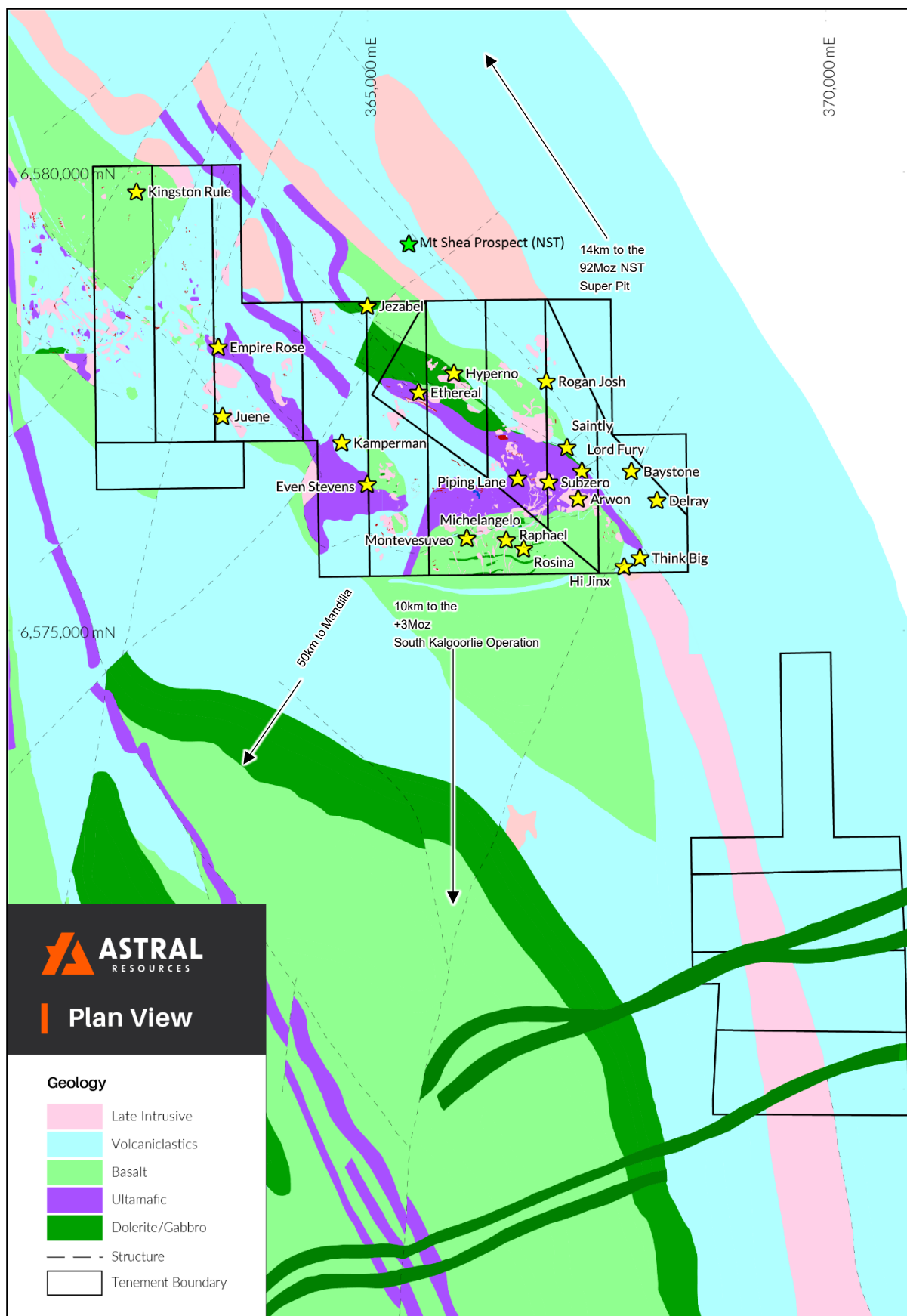
- **14 metres at 0.98g/t Au** from 25 metres and **35 metres at 3.81g/t Au** from 86 metres including **1 metre at 11.7g/t Au** from 96 metres, **2 metres at 12.0g/t Au** from 105 metres and **1 metre at 19.2g/t Au** from 114 metres in FRC257;
- **13 metres at 1.55 g/t Au** from 141 metres and **3 metres at 2.54g/t Au** from 177 metres in FRC269; and
- **10 metres at 0.95g/t Au** from 189 metres in FRC268.

This announcement reports assay results from the remaining 15 holes (1,662 metres) of the program.

The locations of the 15 holes reported are set out in Figure 3.

<sup>3</sup> Refer to ASX Announcement dated 5 September 2023 – Bonanza Gold Intersection of 4m at 94.84g/t Au at Feysville.

<sup>4</sup> Refer to ASX Announcement dated 6 March 2024 – Kamperman RC Drilling Delivers 35 Metres grading 3.81g/t Au.



**Figure 2 – Feysville Gold Project showing tenements and deposits prospects on local area geology.**



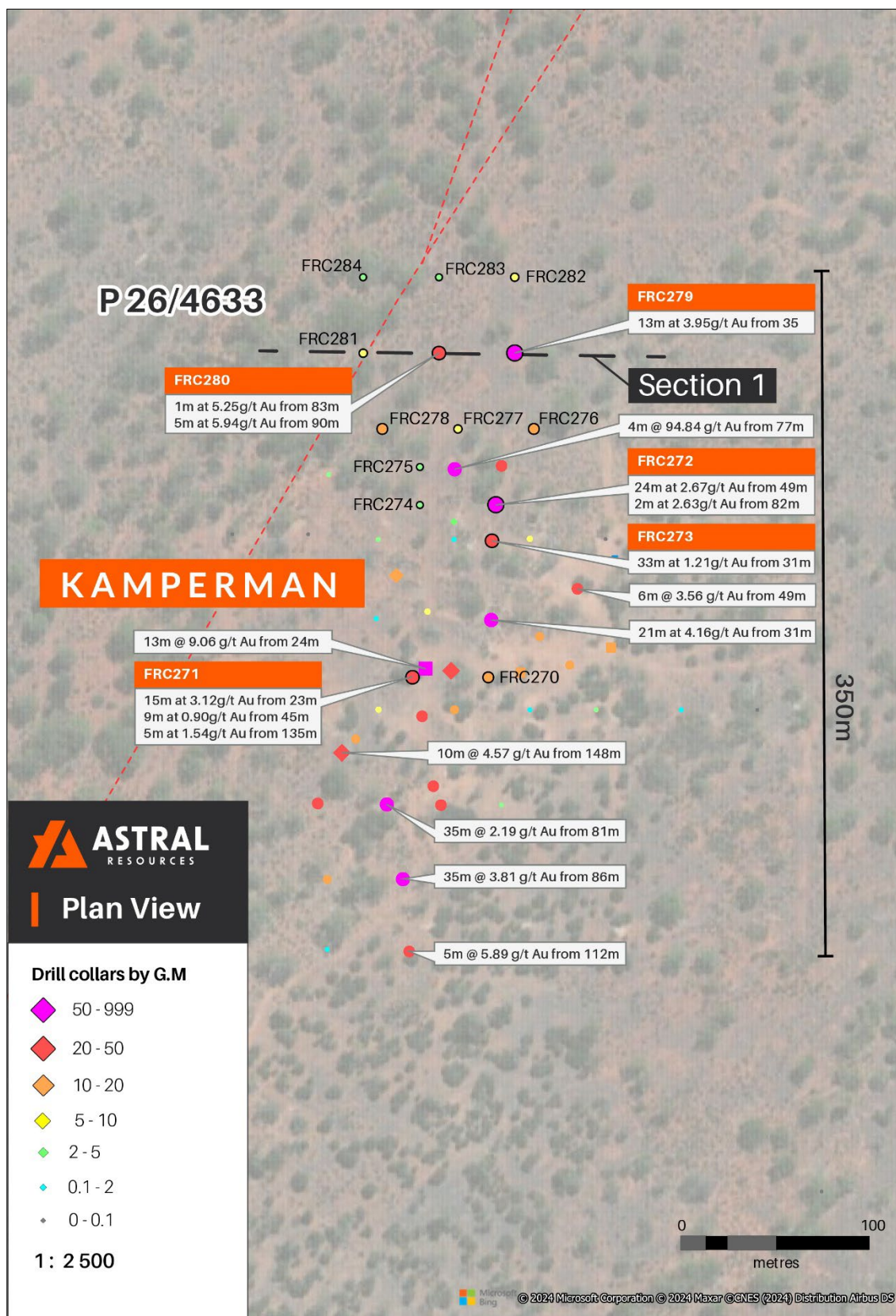


Figure 3 – Drill collar locations of reported RC drilling on aerial-image<sup>5</sup>.

<sup>5</sup> Gram-metres or GxM is the product of the assayed grade of the reported interval multiplied by the length of the reported interval.

## KAMPERMAN REVERSE CIRCULATION DRILLING RESULTS

Nine holes of extensional drilling were completed to the north of the prospect for an aggregate 942 metres. Best results included:

- **13 metres at 3.95g/t Au** from 35 metres including **1 metre at 45.6g/t Au** from 41 metres in FRC279;
- **1 metre at 5.25g/t Au** from 83 metres and **5 metres at 5.94g/t Au** from 90 metres including **2 metres at 12.7g/t Au** from 90 metres in FRC280;
- **14 metres at 1.09g/t Au** from 21 metres and **12 metres at 0.87g/t Au** from 40 metres in FRC276;
- **5 metres at 2.02g/t Au** from 157 metres to bottom-of-hole in FRC278; and
- **3 metres at 2.59g/t Au** from 33 metres and **3 metres at 1.97g/t Au** from 79 metres in FRC281.

The extensional drilling successfully extended known mineralisation by 100 metres, with the known mineralised strike length at Kamperman now approximately 350 metres.

Mineralisation remains open to both the north and south at Kamperman.

A cross-section through RC holes FRC279, FRC280 and FRC281 is set out in Figure 4.

The shear which was interpreted to be north-north-west trending in the southern extent of the Kamperman Prospect is interpreted to be trending north-north-east towards the north.

Drilling further to the east has the potential to intersect the eastern contact of the anastomising shear which could include further high-grade gold mineralisation hosted along contacts between porphyry and ultramafic rocks.

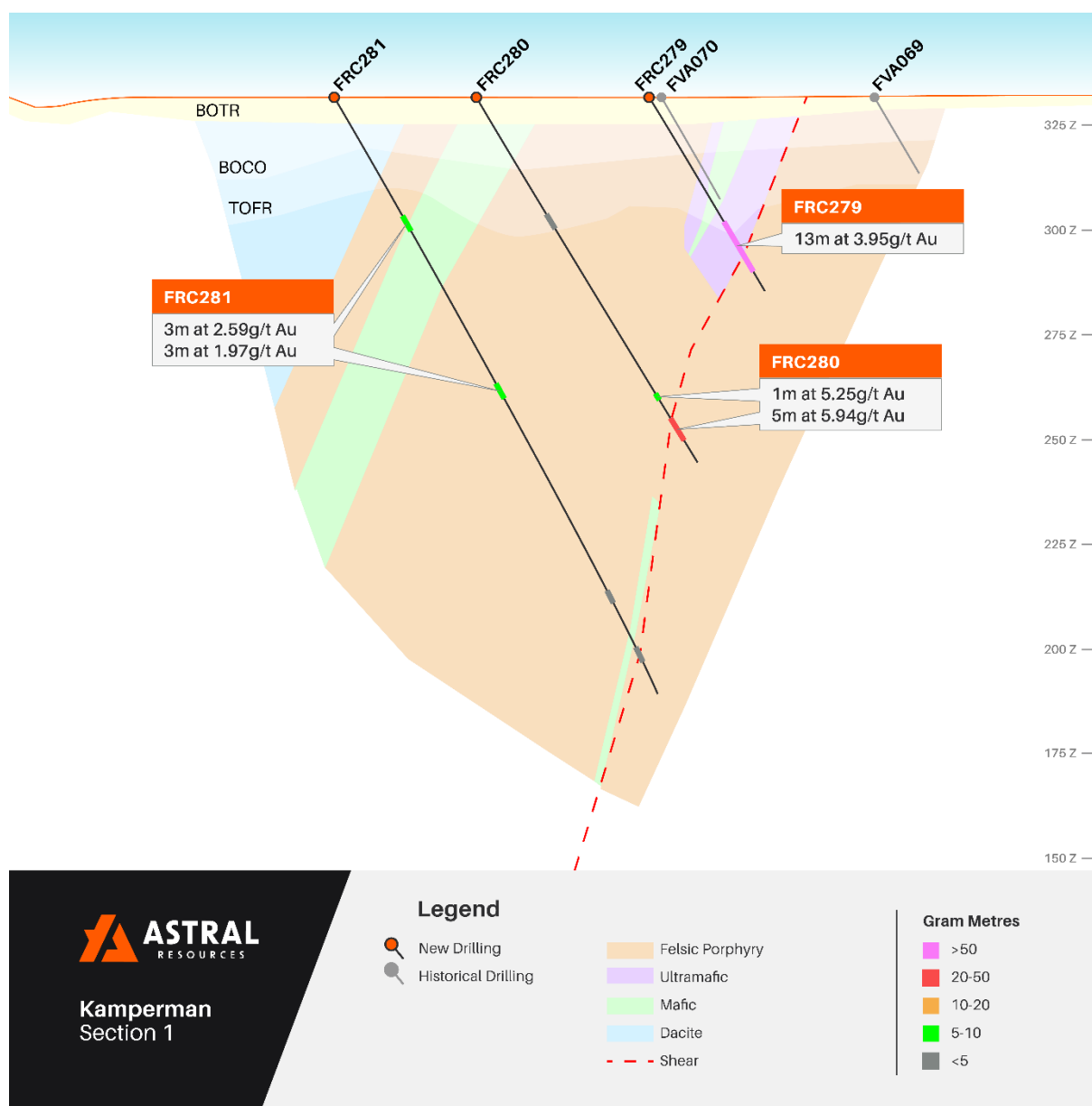


Figure 4 – Kamperman cross-section view (refer Figure 3 for section location)

Ten RC holes for 1,517 metres were completed to in-fill between previous high-grade intersections on 80-metre sectional spacings. Assay results for four of these holes were previously reported.

Best assay results from the remaining six holes include:

- **24 metres at 2.67g/t Au** from 49 metres including **1 metre at 31.7g/t Au** from 59 metres in FRC272;
- **15 metres at 3.12g/t Au** from 23 metres including **1 metre at 13.9g/t Au** from 24 metres in FRC271;
- **33 metres at 1.21g/t Au** from 31 metres in FRC273; and
- **5 metres at 3.11g/t Au** from 73 metres including **1 metre at 10.7g/t Au** from 73 metres in FRC270.



These holes have confirmed the presence and continuity of several different styles of gold mineralisation across numerous interpreted structures at Kamperman.

This provides confidence that additional drilling will successfully delineate the extent of the gold mineralisation at Kamperman.

### **Exploration Update**

A total of 3,800 metres of RC and 650 metres of diamond drilling have now been completed at Kamperman since drilling recommenced in January 2023.

A follow-up 2,500 metre RC program is expected to commence at Kamperman in April 2024.

The program will test for high-grade shear hosted gold mineralisation over a further 160 metres of strike-length which, if successful, will extend the strike length of known mineralisation at Kamperman to approximately 510 metres.

Several up-dip, down-dip and in-fill holes will also be drilled to extend the footprint of mineralisation.

### **APPROVED FOR RELEASE**

This announcement has been approved for release by the Managing Director.

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### Compliance Statement

*The information in this announcement that relates to exploration targets and exploration results is based on, and fairly represents, information and supporting documentation compiled by Ms Julie Reid, who is a full-time employee of Astral Resources NL. Ms Reid is a Competent Person and a Member of The Australasian Institute of Mining and Metallurgy. Ms Reid 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'. Ms Reid consents to the inclusion in this announcement of the material based on this information, in the form and context in which it appears.*

*The information in this announcement that relates to Estimation and Reporting of Mineral Resources for the Feysville Gold Project is based on information compiled by Mr Richard Maddocks, who is a Fellow of the Australasian Institute of Mining and Metallurgy (FAusIMM). Mr Maddocks is an independent consultant to the Company. Mr Maddocks has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is 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 Maddocks consents to the inclusion in this announcement of the matters based on the information in the form and context in which it appears.*

### Previously Reported Results

*There is information in this announcement relating to exploration results which were previously announced on 31 January 2017, 19 June 2020, 11 August 2020, 15 September 2020, 17 February 2021, 26 March 2021, 20 April 2021, 20 May 2021, 29 July 2021, 26 August 2021, 27 September 2021, 6 October 2021, 3 November 2021, 15 December 2021, 22 February 2022, 3 May 2022, 6 June 2022, 5 July 2022, 13 July 2022, 10 August 2022, 23 August 2022, 21 September 2022, 13 October 2022, 3 November 2022, 30 November 2022, 15 March 2023, 12 April 2023, 24 April 2023, 16 May 2023, 14 June 2023, 3 July 2023, 30 August 2023, 5 September 2023, 18 September 2023, 8 November 2023, 22 November 2023, 21 December 2023, 18 January 2024, 30 January 2024, 28 February 2024 and 6 March 2024. Other than as disclosed in those announcements, 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 information in this announcement relating to the Company's Scoping Study are extracted from the Company's announcement on 21 September 2023 titled "Mandilla Gold Project – Kalgoorlie, WA. Positive Scoping Study". All material assumptions and technical parameters underpinning the Company's Scoping Study results referred to in this announcement continue to apply and have not materially changed. 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.*

## Appendix 1 – Drill Hole Details

Table 1 – Drill hole data

Hole ID	Type	Hole Depth (m)	GDA (North)	GDA (East)	GDA RL	Dip	MGA Azimuth
FRC270	RC	102	6,577,083	364,736	332.9	-60	90
FRC271	RC	174	6,577,083	364,691	332.7	-60	90
FRC272	RC	84	6,577,178	364,729	332.1	-60	90
FRC273	RC	96	6,577,158	364,737	332.2	-60	90
FRC274	RC	132	6,577,177	364,695	332.0	-60	90
FRC275	RC	132	6,577,197	364,696	331.9	-60	90
FRC277	RC	102	6,577,220	364,754	331.8	-60	90
FRC278	RC	162	6,577,220	364,716	331.7	-60	90
FRC276	RC	60	6,577,221	364,678	331.7	-60	90
FRC279	RC	54	6,577,255	364,747	331.6	-60	90
FRC280	RC	102	6,577,259	364,706	331.6	-60	90
FRC281	RC	162	6,577,259	364,672	331.5	-60	90
FRC282	RC	54	6,577,297	364,748	331.3	-60	90
FRC283	RC	96	6,577,299	364,699	331.2	-60	90
FRC284	RC	150	6,577,303	364,665	331.3	-60	90

Table 2 – Drilling intersections

Hole ID	Location	From (m)	To (m)	Length (m)	Grade g/t Au
FRC270	Kamperman	38.0	41.0	3.0	1.57
		<b>73.0</b>	<b>78.0</b>	<b>5.0</b>	<b>3.11</b>
		<i>Includes 1.0m at 10.7g/t Au from 73m</i>			
		93.0	94.0	1.0	0.53
FRC271	Kamperman	<b>23.0</b>	<b>38.0</b>	<b>15.0</b>	<b>3.12</b>
		<i>Includes 1.0m at 13.9g/t Au from 24m</i>			
		45.0	54.0	9.0	0.90
		69.0	77.0	8.0	0.35
		135.0	140.0	5.0	1.54
FRC272	Kamperman	29.0	32.0	3.0	0.83
		<b>49.0</b>	<b>73.0</b>	<b>24.0</b>	<b>2.67</b>
		<i>Includes 1.0m at 31.7g/t Au from 59m</i>			
		82.0	84.0	2.0	2.63
FRC273	Kamperman	<b>31.0</b>	<b>64.0</b>	<b>33.0</b>	<b>1.21</b>
		83.0	89.0	6.0	0.52
FRC274	Kamperman	19.0	20.0	1.0	0.59
		26.0	28.0	2.0	0.5
		44.0	48.0	4.0	0.45

FRC275	Kamperman	26.0	28.0	2.0	0.70
		43.0	45.0	2.0	1.94
		53.0	57.0	4.0	0.57
		<b>91.0</b>	<b>93.0</b>	<b>2.0</b>	<b>0.92</b>
FRC276	Kamperman	<b>21.0</b>	<b>35.0</b>	<b>14.0</b>	<b>1.09</b>
		<b>40.0</b>	<b>52.0</b>	<b>12.0</b>	<b>0.87</b>
FRC277	Kamperman	28.0	29.0	1.0	0.69
		84.0	87.0	3.0	1.88
		98.0	99.0	1.0	2.35
FRC278	Kamperman	32.0	38.0	6.0	0.28
		94.0	96.0	2.0	0.80
		124.0	126.0	2.0	0.53
		<b>157.0</b>	<b>162.0</b>	<b>5.0</b>	<b>2.02</b>
FRC279	Kamperman	<b>35.0</b>	<b>48.0</b>	<b>13.0</b>	<b>3.95</b>
		<i>Includes 1.0m at 45.6g/t Au from 41m</i>			
FRC280	Kamperman	33.0	36.0	3.0	0.49
		83.0	84.0	1.0	5.25
		<b>90.0</b>	<b>95.0</b>	<b>5.0</b>	<b>5.94</b>
		<i>Includes 2.0m at 12.7g/t Au from 90m</i>			
FRC281	Kamperman	33.0	36.0	3.0	2.59
		79.0	82.0	3.0	1.97
		135.0	137.0	2.0	1.09
		150.0	153.0	3.0	0.98
FRC282	Kamperman	17.0	25.0	8.0	0.66
		45.0	53.0	8.0	0.64
FRC283	Kamperman	54.0	60.0	6.0	0.5
		65.0	72.0	7.0	0.27
		78.0	84.0	6.0	0.45
FRC284	Kamperman	26.0	31.0	5.0	0.41
		125.0	127.0	2.0	0.30
		139.0	142.0	3.0	0.97

## Appendix 2 – JORC 2012 Table 1

### Feysville

#### Section 1 – Sampling Techniques and Data

Criteria	JORC Code Explanation	Commentary
<b>Sampling techniques</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>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.</li> </ul>	<p>The project has been sampled using industry standard drilling techniques including diamond drilling (DD), and reverse circulation (RC) drilling and air-core (AC) drilling.</p> <p>The sampling described in this release has been carried out on the 2024 AC and RC drilling.</p> <p>The RC holes were drilled and sampled. The samples are collected at 1m intervals via a cyclone and splitter system and logged geologically. A four-and-a-half-inch RC hammer bit was used ensuring plus 20kg of sample collected per metre.</p> <p>All RC samples were collected in bulka bags in the AAR compound and trucked weekly to ALS in Kalgoorlie via Hannans Transport. All samples transported were submitted for analysis. Transported material of varying thickness throughout project was generally selectively sampled only where a paleochannel was evident.</p> <p>All samples were assayed by ALS with company standards blanks and duplicates inserted at 25 metre intervals.</p> <p><i>Historical - The historic data has been gathered by a number of owners since the 1980s. There is a lack of detailed information available pertaining to the equipment used, sample techniques, sample sizes, sample preparation and assaying methods used to generate these data sets. Down hole surveying of the drilling where documented has been undertaken using Eastman single shot cameras (in some of the historic drilling) and magnetic multi-shot tools and gyroscopic instrumentation. All Reverse Circulation (RC) drill samples were laid out in 1 metre increments and a representative 500 – 700 gram spear sample was collected from each pile and composited into a single sample every 4 metres. Average weight 2.5 – 3 kg sample. All Aircore samples were laid out in 1 metre increments and a representative 500 – 700 gram spear sample was collected from each pile and composited into a single sample every 4 metres. Average weight 2.5 – 3 kg sample. 1m samples were then collected from those composites assaying above 0.2g/t Au.</i></p>
<b>Drilling techniques</b>	<ul style="list-style-type: none"> <li>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).</li> </ul>	<p>All RC holes were drilled using face sampling hammer reverse circulation technique with a four-and-a-half inch bit.</p>
<b>Drill sample recovery</b>	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> </ul>	<p>Definitive studies on RC recovery at Feysville have not been undertaken systematically, however the combined weight of the sample reject and the sample collected indicated recoveries in the high nineties percentage range. Poor recoveries are recorded in the relevant sample sheet.</p> <p>No assessment has been made of the relationship between recovery and grade. Except for the top of the hole, while collaring there is no evidence of excessive loss of material and at this stage no information is available regarding possible bias due to sample loss.</p> <p>RC: RC face-sample bits and dust suppression were used to minimise sample loss. Drilling airlifted the water column above the bottom of the hole to ensure dry sampling. RC samples are collected through a cyclone and cone splitter, the rejects deposited on the ground, and the samples for the lab collected to a total mass optimised for photon assay (2.5 to 4 kg).</p> <p>Poor recoveries are recorded in the relevant sample sheet.</p>



<b>Logging</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<p>All chips and drill core were geologically logged by company geologists, using their current company logging scheme. The majority of holes (80%+) within the mineralised intervals have lithology information which has provided sufficient detail to enable reliable interpretation of wireframe.</p> <p>The logging is qualitative in nature, describing oxidation state, grain size, an assignment of lithology code and stratigraphy code by geological interval.</p> <p>RC: Logging of RC chips records lithology, mineralogy, mineralisation, weathering, colour and other features of the samples. All samples are wet-sieved and stored in a chip tray.</p>
<b>Sub-sampling techniques and sample preparation</b>	<ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<p>RC holes were drilled and sampled. The samples are collected at 1m intervals via a cyclone and splitter system and logged geologically. A four-and-a-half inch RC hammer bit was used ensuring plus 20kg of sample collected per metre.</p> <p>Wet samples are noted on logs and sample sheets.</p> <p><i>Historical - The RC drill samples were laid out in one metre intervals. Spear samples were taken and composited for analysis as described above. Representative samples from each 1m interval were collected and retained as described above. No documentation of the sampling of RC chips is available for the Historical Exploration drilling.</i></p> <p>Recent RC drilling collects 1 metre RC drill samples that are channelled through a rotary cone-splitter, installed directly below a rig mounted cyclone, and an average 2-3 kg sample is collected in pre-numbered calico bags, and positioned on top of the rejects cone. Wet samples are noted on logs and sample sheets.</p> <p>Standard Western Australian sampling techniques applied. There has been no statistical work carried out at this stage.</p> <p>ALS assay standards, blanks and checks were inserted at regular intervals. Standards, company blanks and duplicates were inserted at 25 metre intervals.</p> <p>RC: 1 metre RC samples are split on the rig using a cone-splitter, mounted directly under the cyclone. Samples are collected to 2.5 to 4kg which is optimised for photon assay.</p> <p>Sample sizes are appropriate to the grain size of the material being sampled.</p> <p>Unable to comment on the appropriateness of sample sizes to grain size on historical data as no petrographic studies have been undertaken. Sample sizes are considered appropriate to give an indication of mineralisation given the particle size and the preference to keep the sample weight below a targeted 4kg mass which is the optimal weight to ensure representivity for photon assay. There has been no statistical work carried out at this stage.</p>
<b>Quality of assay data and laboratory tests</b>	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> <li>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.</li> </ul>	<p>Photon Assay technique at ALS, Kalgoorlie.</p> <p>Samples submitted for analysis via Photon assay technique were dried, crushed to nominal 90% passing 3.15mm, rotary split and a nominal ~500g sub sample taken (AC/RC Chips method code CRU-32a &amp; SPL-32a, DD core method codes CRU-42a &amp; SPL-32a)</p> <p>The ~500g sample is assayed for gold by PhotonAssay (method code Au-PA01) along with quality control samples including certified reference materials, blanks and sample duplicates.</p> <p>The ALS PhotonAssay Analysis Technique: - Developed by CSIRO and the Chrysos Corporation, This Photon Assay technique is a fast and chemical free alternative to the traditional fire assay process and utilizes high energy x-rays. The process is non-destructive on and utilises a significantly larger sample than the conventional 50g fire assay. ALS has thoroughly tested and validated the PhotonAssay process with results benchmarked against conventional fire assay.</p> <p>The National Association of Testing Authorities (NATA), Australia's national accreditation body for laboratories, has issued Min Analytical with accreditation for the technique in compliance with TSO/TEC 17025:2018-Testing.</p>

		<p>Certified Reference Material from Geostats Pty Ltd submitted at 75 metre intervals approximately. Blanks and duplicates also submitted at 75m intervals giving a 1:25 sample ratio.</p> <p>Referee sampling has not yet been carried out.</p>
<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<p>Geology Manager or Senior Geologist verified hole position on site.</p> <p>Standard data entry used on site, backed up in South Perth WA.</p> <p>No adjustments have been carried out. However, work is ongoing as samples can be assayed to extinction via the PhotonAssay Analysis Technique</p>
<b>Location of data points</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<p>Drill holes have been picked up by Topcon HiPer Ga Model RTK GPS. Southern Cross Surveys were contracted to pick up all latest RC drilling collars.</p> <p>Historical hole collar locations and current AC drill holes were recorded with a handheld GPS in MGA Zone 51S. RL was initially estimated then holes, once drilled were translated onto the surveyed topography wire frame using mining software. These updated RL's were then loaded into the database.</p> <p>Grid: GDA94 Datum MGA Zone 51</p>
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	<p>RC Drill hole spacing varies from 40x20m to 40x80m spacings. AC spacing is generally at 200m with some areas down to 100m.</p> <p>Diamond drilling has been used to test depth extensions and stratigraphy and is not on any specific grid pattern.</p> <p>NO Sample compositing was undertaken for RC samples.</p>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul>	<p>Diamond and RC drill holes have been drilled normal to the interpreted geological strike or interpreted mineralised structure. The drill orientation will be contingent on the prospect mineralisation location and style.</p> <p>AC drilling was oriented 60 degrees toward MGA east (090) and is based on local geology and alignment of the drilling targets.</p>
<b>Sample security</b>	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	<p>All samples taken daily to AAR yard in Kambalda West, then transported to the Laboratory in batches of up to 10 submissions</p>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<p>No audits have been carried out at this stage.</p>

## Section 2 - Reporting of Exploration Results

Criteria	JORC Code Explanation	Commentary			
<b>Mineral tenement and land tenure status</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<b>Tenement</b>	<b>Status</b>	<b>Location</b>	<b>Interest Held (%)</b>
		P26/3943	Granted	Western Australia	100
		P26/3948-3951	Granted	Western Australia	100
		P26/4390	Granted	Western Australia	100
		P26/4351-4353	Granted	Western Australia	100
		P26/4538-4541	Granted	Western Australia	100
		P26/4632-4634	Granted	Western Australia	100
		M26/846	Pending	Western Australia	-
		<p>The tenements are in good standing with the Western Australian Department of Mines, Industry Regulation and Safety.</p> <p>No royalties other than the WA government 2.5% gold royalty.</p>			
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<p>Previous exploration by WMC Resources Ltd targeted gold and nickel with initial focus on the ultramafic unit for nickel sulphides, with best results of 2m @ 1%Ni and 1m @ 2.2%Ni. Exploration has consisted of a comprehensive soil survey, 264 RAB / Aircore holes, 444 RC holes and 5 diamond holes. The soil survey defined an area of extensive gold anomalism clustered in the SE corner of the tenement package. Follow-up drilling confirmed the gold potential of the area with intersections such as 7m @ 2.47g/t Au at Empire Rose, 10m @ 9.1g/t Au at Ethereal, 8m @ 2.08g/t at Kamperman and 8m @ 3.26g/t Au at Rogan Josh.</p>			
<b>Geology</b>	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<p>The <b>Feysville</b> project is located 16km SSE of Kalgoorlie. The project is situated in the geological / structural corridor, bounded by the Boulder Lefroy Fault, that hosts the world class plus million-ounce deposits of Mt Charlotte, Fimiston, New Celebration, Victory-Defiance, Junction, Argo and Revenge / Belleisle. and St Ives.</p> <p><b>Regional Geology</b></p> <p>Geology at Feysville is complex with regional mapping identifying a double plunging northwest trending antiformal structure known as the Feysville Dome bounded to the west by the Boulder Lefroy Fault and south by the Feysville Fault. The Feysville fault, located on the southern margin of the tenement is interpreted to represent thrusting of underlying mafic/ultramafic volcanic and intrusive rocks over a younger felsic metasedimentary sequence to the south. The sequence has been extensively intruded by intermediate and felsic porphyries.</p> <p><b>Local Geology and Mineralisation</b></p> <p>There a number of historical gold workings on the project and drilling has identified strong alteration associated with primary gold mineralisation. Gold mineralisation is typically located at the sheared contacts of intrusive porphyry units, within pyrite sericite altered porphyries and also associated with chalcopyrite magnetite/epidote altered breccia zones within ultramafic units.</p>			
<b>Drill hole information</b>	<ul style="list-style-type: none"> <li>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: <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not</li> </ul>	<p>This Information has been summarised in Table 1 and 2 of this ASX announcement.</p>			

	<i>Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i>	
<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>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.</i></li> <li><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul>	<p>No data aggregation methods have been used.</p> <p>A 100ppb Au lower cut off has been used to calculate grades for AC drilling.</p> <p>A 0.3g/t Au lower cut off has been used to calculate grades for RC drilling, with maximum internal dilution of 5m.</p> <p>A cutoff grade of &gt;0.5g*m has been applied for reporting purposes in the tables of results.</p> <p>This has not been applied.</p>
<b>Relationship between mineralisation widths and intercept lengths</b>	<ul style="list-style-type: none"> <li><i>These relationships are particularly important in the reporting of Exploration Results.</i></li> <li><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></li> <li><i>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').</i></li> </ul>	The overall mineralisation trends have been intersected at an appropriate angle to form the closest intercept length to true width. The results are reported as downhole depths.
<b>Diagrams</b>	<ul style="list-style-type: none"> <li><i>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.</i></li> </ul>	Please refer to the maps and cross sections in the body of this announcement.
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li><i>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.</i></li> </ul>	Balanced reporting has been applied.
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li><i>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.</i></li> </ul>	No other substantive exploration data.
<b>Further work</b>	<ul style="list-style-type: none"> <li><i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></li> <li><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul>	<p>Follow up, Reverse Circulation &amp; Diamond Drilling is planned.</p> <p>No reporting of commercially sensitive information at this stage.</p>