

29 January 2025

## December 2024 Quarterly Activities Report

The Company had an active quarter, fully funding development of the Murchison Gold Project (Murchison) through an institutional placement, released the expanded Murchison Feasibility Study and continued to deliver significant progress in building WA's newest high-grade gold mine.

- Continued strong development progress made at the Murchison during the quarter:
  - The larger 750kW ball mill was dismantled and transported from Victoria to the Murchison where it was landed and is ready for installation;
  - MACA Interquip Mintrex mobilised to site and commenced upgrade and re-start works on the Murchison CIL gold processing plant;
  - Reinforcement installed and concrete poured for the new ball mill plinths in following completion of foundations;
  - Fabrication of the tank skins for new 145m<sup>3</sup> and 2x new 600m<sup>3</sup> tanks for the expanded CIL circuit progressed with installation of the tanks commencing ;
  - New cyanide storage tank landed at site ready for installation;
  - Construction of the 136-person accommodation village was nearing completion;
  - Inground works on the new administration complex at Andy Well commenced;
  - Civil works for the new administration complex at Turnberry commenced and have been expanded to accommodate underground mining functions in addition to the open pit mining team; and
  - The 20km haul road between the open pit mining area and the processing plant commenced and progressed ahead of schedule in preparation for mobilisation of the open pit mining contractor in February 2025.
- The open pit mining contract was formally awarded to mining services provider Iron Mine Contracting Pty Ltd in December 2024. Equipment mobilisation to occur in February 2025 and mining commencing in March 2025. First ore is expected in April 2025.
- RC grade control drilling for the stage 1 open pits at Turnberry South and St Anne's was nearing completion at the end of December 2024.
- Metallurgical test work received from Turnberry underground samples during the December 2024 quarter ([ASX announcement, 8 Oct 2024](#)) confirmed strong gold recoveries (averaged 95.5%, and up to 99.8%) using conventional gravity and CIL processing as is being recommissioned at the expanded Murchison processing plant, paving the way for a second underground mine to be developed at Turnberry.

- The expanded Murchison Feasibility Study was released in December 2024 delivering 31% growth in Ore Reserves, 40% increase in production (averaging 65koz pa for first 7 years) and undiscounted pre-tax free cash flow of \$1B over an initial 10-year production plan ([ASX announcement, 12 Dec 2024](#)).
- The Murchison development is fully funded with an institutional placement completed during the December 2024 quarter. The Company has no debt or hedging.
- The Company ended the quarter with \$55M in cash and no debt.

**Commenting on the quarter, Meeka's Managing Director Tim Davidson said:** "We made material progress leading up to and through the Christmas period and are well positioned for this trend to continue in 2025. The team's focus on delivering first gold in mid-2025 remains steadfast, and we are fully funded to achieve this."

Meeka Metals Limited ("Meeka" or the "Company") is pleased to provide a summary of activities completed during the December 2024 quarter.

### Murchison Gold Project (MEK 100%)

The larger 750kW ball mill was dismantled and transported to the Murchison from Victoria where it was landed and is ready for installation.



Figure 1: 750kW ball mill arriving at the Murchison, October 2024.

MACA Interquip Mintrex mobilised to site and commenced upgrade and re-start works on the Murchison CIL gold processing plant. This includes pouring the new ball mill foundation and plinths, fabrication of the tanks and landing the new cyanide storage tank at site ready for installation.





Figure 2: New ball mill foundation and plinths for larger 750kW ball mill, December 2024.



Figure 3: The 2x new 600m³ tanks being installed for the expanded CIL circuit, December 2024.





Figure 4: The new ball mill foundation, plinths and tank installation, December 2024.

Construction of the expanded 136-person accommodation village progressed well with all 136 rooms installed and commissioning underway.



Figure 5: 136-person accommodation village relative to other infrastructure, December 2024.



Civil works for the new administration complex at Turnberry commenced during the quarter. The complex has been expanded to accommodate underground mining functions, in anticipation of underground mining at Turnberry, in addition to the open pit mining team.

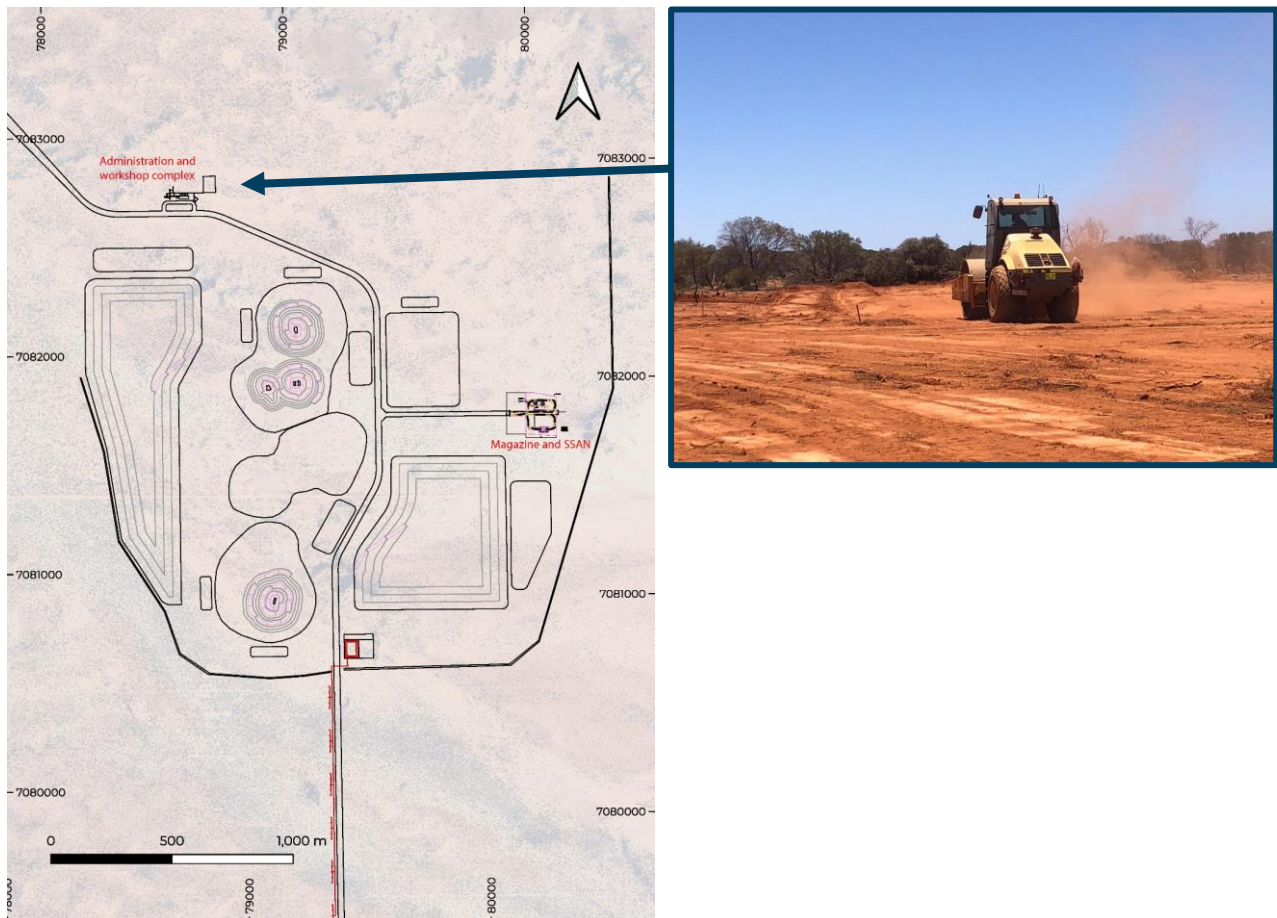


Figure 6: Civil works underway for the new administration complex at the Turnberry, December 2024.

The 20km haul road between the open pit mining area and the processing plant advanced significantly during the quarter.



Figure 7: New 20km haul road, November 2024.

At December 2024, the RC grade control drilling for stage 1 open pits at Turnberry South and St Anne's was nearing completion.

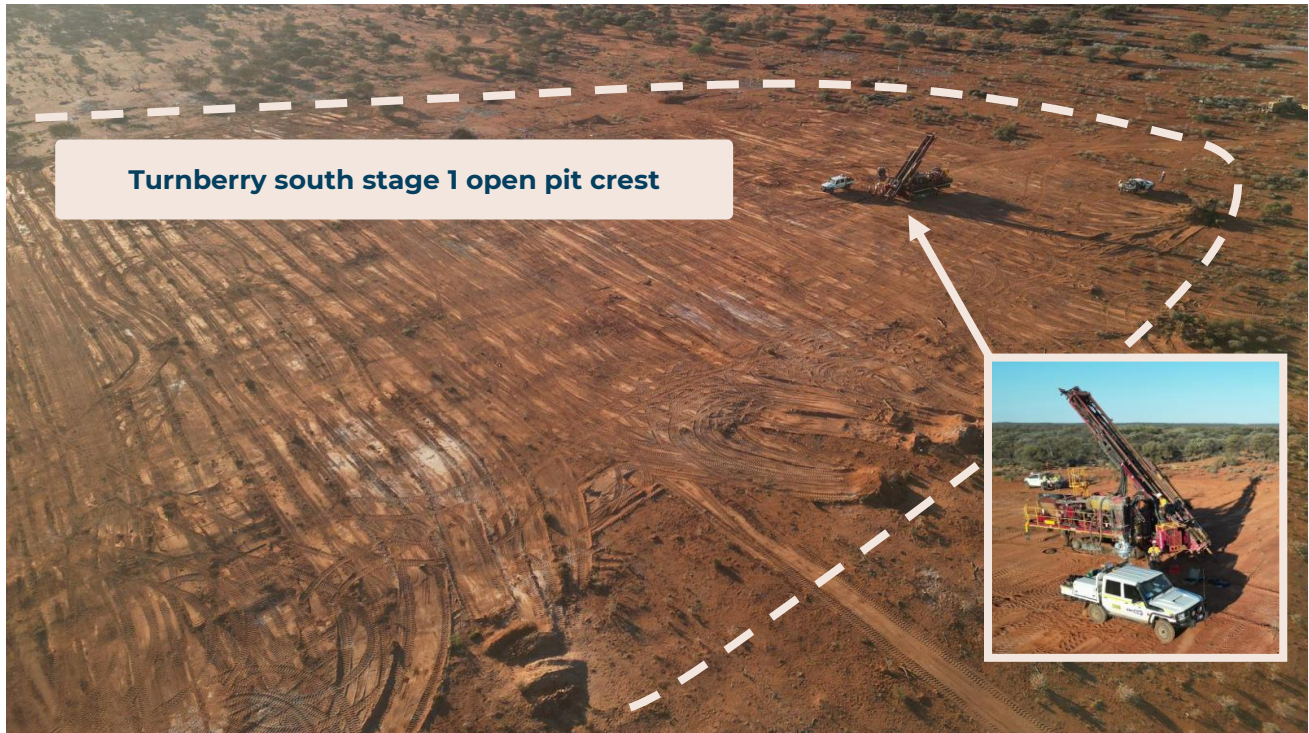


Figure 8: Grade control drilling at Turnberry, October 2024.

First assay results from this drilling were received in December 2024 ([ASX announcement, 18 Dec 2024](#)), including from Turnberry:

- **9m @ 16.83g/t Au** from 51m including **5m @ 29.02g/t Au** (24TBGC021)
- **21m @ 4.63g/t Au** from 44m including **6m @ 13.18g/t Au** (24TBGC016)
- **7m @ 6.76g/t Au** from 80m **1m @ 11.25g/t Au** and **1m @ 32.2g/t Au** (24TBGC022)

And from St Anne's:

- **11m @ 13.01g/t Au** from 47m including **4m @ 30.66g/t Au** (24SAGC016)
- **8m @ 6.49g/t Au** from 58m including **2m @ 15.475g/t Au** (24SAGC012)

Further assays were received and reported in January 2025 (see ASX announcements [16 Jan 2025](#), [8 Jan 2025](#), [6 Jan 2025](#)) and reporting of results will continue through the March 2025 quarter. These strong results are expected to support and improve the open pit production outlook in the Murchison.

### Turnberry Underground Metallurgy Test Work

Strong metallurgical test results for Turnberry underground were received during the December quarter with recoveries averaging 95.5%, and up to 99.8%, after 24 hours at 106µm grind size. The program assessed conventional CIL gold recovery at a range of grind sizes (150µm, 106µm, 75µm). The results confirm that strong gold recoveries are achieved from Turnberry underground mineralisation using conventional gravity and CIL processing as is being recommissioned at the expanded Murchison processing plant.

Key results after 24 hours were:

- Total gold recovery averaged 95.5% at P80 106µm grind size.



- Total gold recovery averaged 93.7% at P80 150µm grind size.
- Gravity gold recovery averaged 48% at both P80 106µm and 150µm grind size.
- Rapid leach kinetics with extraction largely completed within 8 hours.
- Low cyanide and lime consumption confirmed.

The test work used site water from Andy Well and was completed by independent metallurgical consultants, ALS Metallurgy.

### Expanded Murchison Feasibility Study

The updated Feasibility Study (Study) released in December 2024 delivered 31% growth in Ore Reserves, 40% increase in production and exceptional financial outcomes over an initial 10-year production plan ([ASX announcement, 12 Dec 2024](#)):

- Undiscounted pre-tax free cash flow \$1B, NPV<sub>8%</sub> of \$616M and IRR of 180% at a gold price (\$4,100/oz).
- Remaining start-up capital of \$46M (including bringing forward \$5M of underground establishment costs).
- Total gold sales increase by 40% to 544koz with peak annual gold sales of 76koz in year 5 and average annual gold sales of 65koz over first 7 years.
- Every \$100/oz increase in gold price increases undiscounted pre-tax free cash flow by ~\$52M.
- All-in Sustaining Cost (AISC) of \$1,982/oz and All-in Cost (AIC) of \$2,247/oz based on current industry costs.
- The Study underpins 31% growth in Ore Reserves to 400koz @ 3.1g/t Au.

Operating and capital costs in the Study are based on current industry costs and are considered to be accurate within ±15%.

Table 1 – Key Financial Outputs

<b>Project Economics at Gold Price</b>	<b>Unit</b>	<b>\$3,250/oz</b>	<b>\$3,500/oz Base Case</b>	<b>\$3,750/oz</b>	<b>\$4,100/oz Spot price</b>
Gold Sales	Koz	544	544	544	544
Revenue	\$M	1,767	1,902	2,038	2,229
EBITDA	\$M	927	1,057	1,185	1,363
Pre-production Capital	\$M	46	46	46	46
<b>Free Cash Flow (Pre-tax)</b>	<b>\$M</b>	<b>571</b>	<b>701</b>	<b>829</b>	<b>1,007</b>
Free Cash Flow (Post-tax)	\$M	416	507	596	721
<b>NPV<sub>8%</sub> (Pre-tax)</b>	<b>\$M</b>	<b>335</b>	<b>418</b>	<b>501</b>	<b>616</b>
NPV <sub>8%</sub> (Post-tax)	\$M	246	304	362	444
<b>IRR (Pre-tax)</b>	<b>%</b>	<b>97</b>	<b>122</b>	<b>146</b>	<b>180</b>
IRR (Post-tax)	%	89	110	131	160
Operating Cost	\$/oz	1,545	1,556	1,571	1,592
All-in Sustaining Cost (AISC)	\$/oz	1,935	1,946	1,961	1,982
All-in Cost (AIC)	\$/oz	2,200	2,211	2,226	2,247

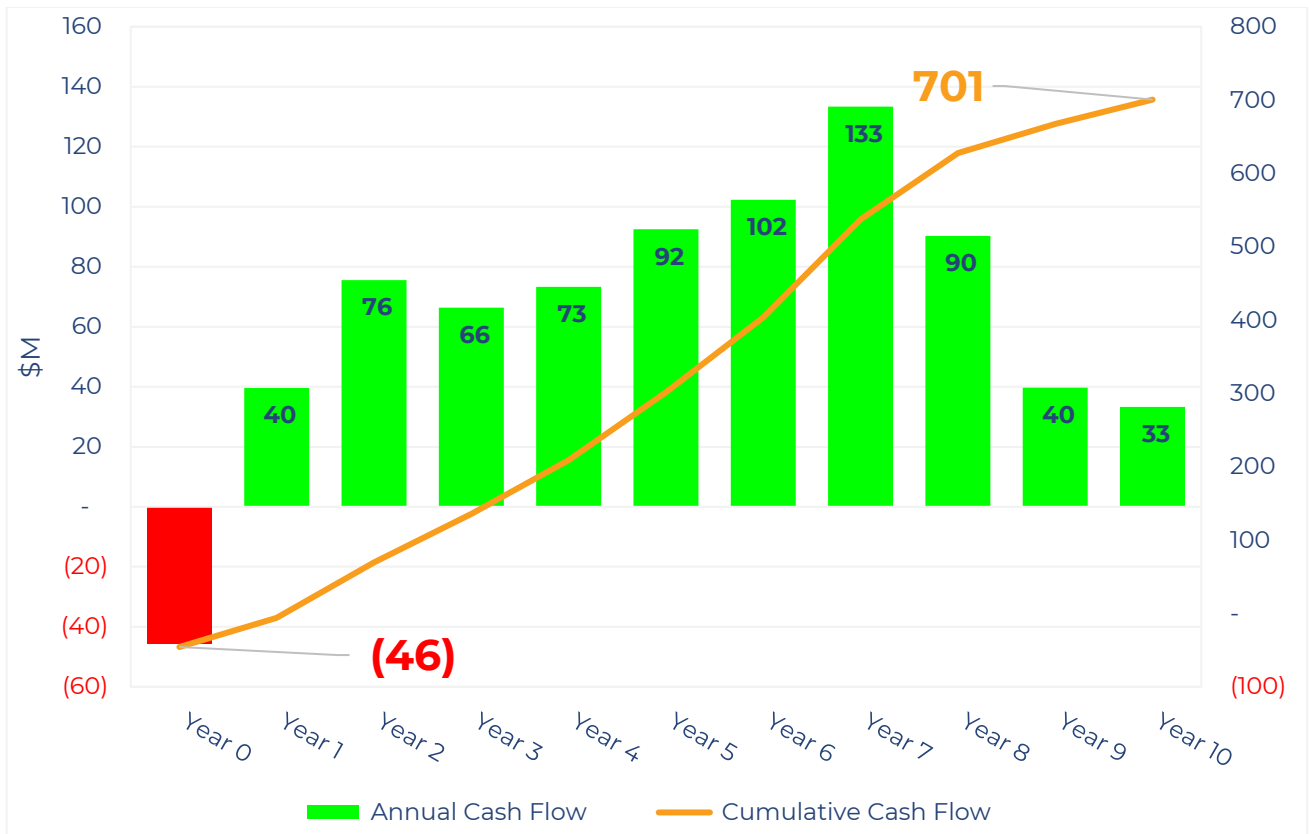


Figure 9 – Annual and cumulative pre-tax free cash flow (@ \$3,500/oz).

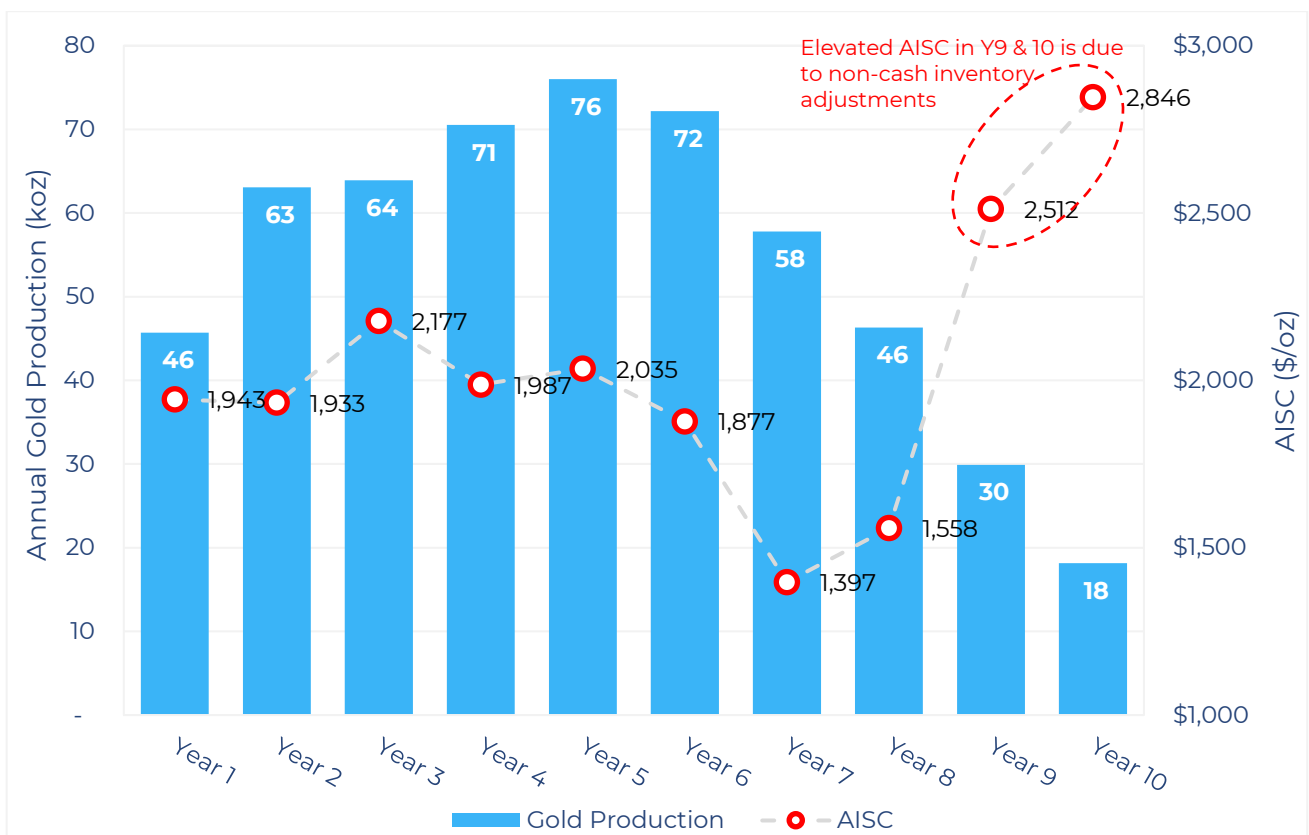


Figure 10 – Annual gold production and AISC. Note the elevated AISC in years 9 and 10 are due to non-cash inventory adjustments as a result of processing ore stockpiles built up over the preceding years.



## Corporate

An Appendix 5B – Quarterly Cash Flow Report for the quarter ended 31 December 2024 accompanies this Activities Report.

During the quarter the Company completed a \$35 million institutional placement removing the need for a planned \$38 million secured gold loan and gold stream. The Company has no debt or hedging.

The Company ended the quarter with \$55M in cash.

During the quarter the Company spent approximately:

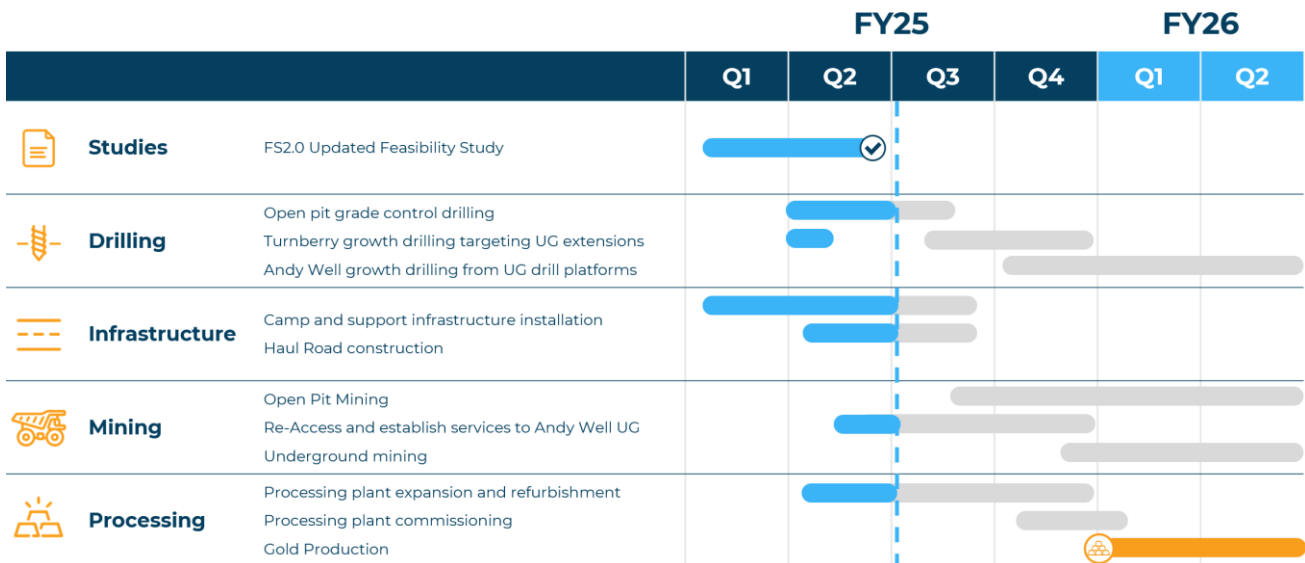
- \$255,000 on exploration and evaluation activities.
- \$6,478 million on project development works at the Murchison.
- \$134,000 on payments to related parties and their associates for director fees and legal fees.

## Tenement Schedule

Tenements held at 31 December 2024.

Project	State	Tenement	Status	Interest at start of quarter	Interest at end of quarter
Murchison Gold Project	WA	E 51/1596	Granted	100%	0%
		E 51/1217	Granted	100%	100%
		M 51/870	Granted	100%	100%
		E 51/926	Granted	100%	100%
		E 51/927	Granted	100%	100%
		M 51/882	Granted	100%	100%
Circle Valley	WA	E 63/2007	Granted	100%	100%
Cascade	WA	E 63/2173	Granted	100%	100%
		E 74/712	Granted	100%	100%
		E 74/721	Granted	100%	0%
		E 74/732	Granted	100%	0%
		E 74/735	Granted	100%	0%

## Looking Forward Through FY26



Major activities are summarised above by quarter and detailed below by month:

- **January 2025:** construction of 20km haul road between the processing plant and the open pit mining centre (**underway**).
- **January 2025:** process plant upgrade and refurbishment works (**underway**).
- **January 2025:** grade control drilling of the shallow, high-grade oxide starter pits at Turnberry and St Anne's to accelerate production and improve productivity (**underway**).
- **January 2025:** commission the accommodation village and administration infrastructure (**underway**).
- **January 2025:** re-access and establish services to the high-grade Andy Well underground mine (**underway**).
- **February 2025:** commission the new administration and support facilities at the Turnberry mining centre.
- **February 2025:** mobilise open pit mining fleet.
- **March 2025:** commence open pit mining.
- **April 2025:** first open pit ore mining.
- **April 2025:** commence hauling ore from the open pit mining centre to the processing plant.
- **June 2025:** commence process plant commissioning.
- **June 2025:** drilling of depth extensions at Andy Well from underground drill platforms.



This announcement has been authorised for release by the Company's Board of Directors.

**For further information, please contact:**

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## ABOUT MEEKA

Meeka Metals Limited has a portfolio of high quality 100% owned projects across Western Australia.

### Murchison Gold Project

Meeka's flagship Murchison Gold Project hosts a large high-grade 1.2Moz @ 3g/t Au Mineral Resource on granted Mining Leases.

The Murchison Gold Project Definitive Feasibility Study released in December 2024 focusses on restarting the fully permitted Andy Well mill. The Study outlines a 10-year production plan up to 76koz pa (averaging 65koz pa for first 7 years), undiscounted pre-tax free cash flow of \$1B, NPV<sub>8%</sub> of \$616M and IRR of 180%.

Site activity is ramping up with open pit mining commencing in the March 2025 quarter and process plant commissioning in the June 2025 quarter. First gold is targeted for mid-2025.

### Circle Valley

In addition, Meeka owns the Circle Valley Project in the Albany-Fraser Mobile Belt (also host to the Tropicana gold mine – 3Moz past production). Gold mineralisation has been identified in four separate locations at Circle Valley and presents an exciting growth opportunity for the Company.

## COMPETENT PERSON'S STATEMENT

The information that relates to Exploration Results as those terms are defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves', is based on information reviewed by Mr James Lawrence, a Competent Person who is a member of the Australasian Institute of Mining and Metallurgy. Mr Lawrence is a full-time employee of the Company. Mr Lawrence 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'. Mr Lawrence consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information that relates to the Mineral Resource for Turnberry was first reported by the Company on 6 May 2024. The information that relates to the Mineral Resource for St Anne's was first reported by the Company on 17 April 2024. The information that relates to the Mineral Resource for Andy Well was first reported by the Company on 21 December 2020. The Company is not aware of any new information or data that materially affects the information included in these announcements and that all material assumptions and technical parameters underpinning the estimates 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 announcement.

The information that relates to Ore Reserves, production targets and forecast financial information for the Murchison Gold Project was first reported by the Company on 12 December 2024. The Company is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning the estimates 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 announcement.

## FORWARD LOOKING STATEMENTS

Certain statements in this report relate to the future, including forward looking statements relating to the Company's financial position, strategy and expected operating results. These forward-looking statements involve known and unknown risks, uncertainties, assumptions and other important factors that could cause the actual results, performance or achievements of the Company to be materially different from future results, performance or achievements expressed or implied by such statements. Actual events or results may differ materially from the events or results expressed or implied in any forward-looking statement and deviations are both normal and to be expected. Other than required by law, neither the Company, their officers nor any other person gives any representation, assurance or guarantee that the occurrence of the events expressed or implied in any forward-looking statements will actually occur. You are cautioned not to place undue reliance on those statements.



## JORC 2012 – TABLE 1: TURNBERRY

### Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
<b>Sampling techniques</b>	<p>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.</p> <p>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</p> <p>Aspects of the determination of mineralisation that are Material to the Public Report.</p> <p>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.</p>	<p>One- metre primary samples and three metre composite samples were collected via reverse circulation and large format aircore (AC) blade drilling.</p> <p>Additional sampling of diamond core was conducted more selectively to understand controls on mineralisation and collect density data.</p> <p>The quality of the samples were actively monitored and evaluated using various quality control techniques.</p> <p>The majority of sampling occurred in the near-completely oxidised regolith clays using large-format AC drilling methods. With appropriate air pressure and volume available and a larger 4-inch hammer air-core is an effective drilling technique in clay formations.</p> <p>When blade refusal is reached, with a larger format AC rig a slimline face sampling RC hammer can be used to sample through consolidated formations. With appropriate air pressure and volume available and monitoring of sample recovery, this method can be considered appropriate.</p> <p>Diamond core drilling has been used to verify key air core drilled intersections.</p> <p>Reverse circulation and diamond core drilling techniques are typical and appropriate for the style of mineralisation being estimated.</p> <p>The quality of the sampling is deemed to be appropriate and fit-for-purpose of mineral resource estimation.</p> <p>Various measures were employed to monitor and assure the quality of samples collected. Such measures include:</p> <p>Every effort is made to drill dry samples. Where wet samples are drilled they are logged as wet and the quality of these samples are taken into account in the resource estimation.</p> <p>Qualitative active monitoring of sample recovery and photographing of drill samples at the end of hole to assess sample recovery.</p> <p>The calibration of scales used for the collection of wet-dry Archimedes density data using a calibration weight during the collection process.</p> <p>Internal calibration checks were performed by the pXRF analyser daily.</p> <p>Calibration of the DGPS instrument was performed before the travelled to site for each surveying campaign.</p> <p>Gold mineralisation was initially determined with ~3kg, speared, four metre composite samples which were dried, crushed and</p>

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
		<p>pulverised with a 50g sample fire assayed and analysed using atomic absorption spectrometry.</p> <p>Mineralised composites greater than 0.3 g/t had their respective 1m, ~2-3kg, cone split samples collected and submitted for either fire assay or photon analysis. Fire assay was as described above and photon assay involves drying the sample, fine crushing to 90% passing -3mm and a 500g sub-sample is put in a photon assay jar and analysed for gold.</p> <p>Mineralisation determined qualitatively through monitoring presence of sulphide, quartz veining and visible gold. Additional mineralisation was qualitatively determined using pXRF analysis for pathfinder geochemistry which maps the mineralisation.</p> <p>pXRF analyses for alteration and common rock-forming elements was carried out on every metre by taking a small ~50g sample from the AC/RC fines and analysing with the Olympus Vanta VMR XRF Analyser using all 3 beams for 15 seconds each.</p>
<p><b>Drilling techniques</b></p>	<p>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).</p>	<p>A combination of AC drilling with 4 inch cutting blade bits and smaller-format 4-inch face sampling hammer bits, RC drilling with 5.5 inch face sampling hammers and triple tube HQ3 and NQ diamond core tails were used to obtain samples.</p> <p>Air drilling was performed with the multi-purpose (AC and RC) Schramm T450 rig with 400psi/1240cfm onboard air for AC drilling and the addition of 350psi/1350cfm compressor and 1000psi booster when drilling deeper or drilling RC. The rig runs 3.5 inch rods and a 3inch diameter sample hose.</p> <p>Diamond core was collected using triple-tube methods in the clays and conventional methods in fresh rock NQ diamond tails. All core was oriented wherever possible using Reflex orientation instruments.</p>
<p><b>Drill sample recovery</b></p>	<p>Method of recording and assessing core and chip sample recoveries and results assessed.</p> <p>Measures taken to maximise sample recovery and ensure representative nature of the samples.</p> <p>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.</p>	<p>Visual assessment of sample recovery monitored and communicated with drillers. Photographs of drill sample at the end of each hole as a visual record of recovery from each hole.</p> <p>Core, assessed during drilling for loss, loss intervals recorded on core blocks by drillers. Core markup conducted by field technicians to assess core recovery and recoveries are logged by geologist.</p> <p>Larger format 4 inch AC blade bits were used with appropriate onboard air volume and pressure to maximise recovery regolith clays.</p> <p>A booster and auxiliary compressor were used to drill RC holes to ensure appropriate air pressure to drill holes dry and lift total samples.</p> <p>HQ3 triple tube techniques were used when diamond drilling to maximise recovery through the regolith clays.</p>



CRITERIA	JORC CODE EXPLANATION	COMMENTARY
		<p>As sample recoveries are generally very high, there is no known relationship between sample recovery and grade.</p> <p>The qualitative data available and recent drilling conducted by MEK indicate there is no relationship between recovery and grade.</p>
<b>Logging</b>	<p>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.</p> <p>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</p> <p>The total length and percentage of the relevant intersections logged.</p>	<p>Holes logged to a level of detail to support mineral resource estimation, mining studies and metallurgy studies: lithology; alteration; mineralisation; geotechnical; structural.</p> <p>Qualitative: geological data (lithology, alteration, mineralogy, veining etc.)</p> <p>Quantitative: structural orientation angles; geotechnical and geochemical data.</p> <p>A handheld pXRF instrument was used to collect continuous geochemical data to assist with logging.</p> <p>Core photography or the whole hole wet and photography or sample piles at the completion of each drillhole.</p> <p>All holes logged and chipped for entire length of hole. All chip trays and diamond core archived for future reference.</p>
<b>Sub-sampling techniques and sample preparation</b>	<p>If core, whether cut or sawn and whether quarter, half or all core taken.</p> <p>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</p> <p>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</p> <p>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</p> <p>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.</p> <p>Whether sample sizes are appropriate to the grain size of the material being sampled.</p>	<p>Core diamond tails were half cored with an Almonte core saw.</p> <p>The HQ3 triple tubed holes were whole core sampled apart from the quartz veins which were half core sampled.</p> <p>All 3 m composites were spear sampled.</p> <p>All air drilled 1 m primary samples were split using a gravity fed fixed cone splitter system, predominantly dry. Where samples were split wet these samples were logged as wet samples and the sample system cleaned and dried to minimise bias and contamination.</p> <p>The subsampling technique applied to the RC and AC samples is considered industry standard, with measures in place to maximise recovery and minimise contamination.</p> <p>This includes the application of a cone splitter which allows for a more consistent sample split. In addition, the samples are kept dry using appropriate downhole air pressure within the reverse circulation system. The samples delineation is actively controlled.</p> <p>Diamond core followed half-core sampling techniques. Core was cut along the orientation line and the same half of core was always submitted for analysis.</p> <p>Recovery was logged and accounted for in the logging and sampling.</p> <p>Air drilled (RC and AC) samples were presented to a gravity fed cone splitter to produce a ~3kg sub-sample for each metre. Samples were pulverised to 85% passing 75 microns. The pulp split is scooped from the pulverised pulp sample.</p>

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
		<p>For photon analysis the cone split sample is crushed to 90% passing -3mm and a 500g split is taken to fill the photon analysis jar. No duplicates were included in this sample stream.</p> <p>Pulp duplicates taken at the pulverising stage and selective repeats conducted at the laboratory's discretion.</p> <p>No twin drilling has been completed for the project but close spaced diamond drilling of some of the key mineralised areas drilled with AC have been drilled. These holes return similar grade tenor and distributions as the AC holes.</p> <p>Field duplicates are taken from the cone splitter using the second shoot every 20 samples. These are analysed when included in a mineralised interval identified by the composite samples.</p> <p>No field duplicates are included in the core sample stream. Using two quarter cores as duplicates significantly reduces the sample support of the "duplicates" and sampling of the second half of diamond core leaves no core for future reference.</p> <p>In the Competent Person's opinion, the sample size is appropriate for the grain size of the material being sampled. The primary sample is as large as possible to use blade drilling for the effective sampling of clay and considering economic constraints. The first split sizes are industry standard and considered appropriate for the mineralisation style. A 50g fire assay is considered the optimal sample size considering practical and economic constraints. The 500g Photon sample is a further improvement in sample support.</p>
<p><b>Quality of assay data and laboratory tests</b></p>	<p>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</p> <p>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.</p> <p>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.</p>	<p>Fire assay, total technique, with AAS finish is appropriate for gold.</p> <p>Photon assay is considered a total technique and appropriate for gold.</p> <p>In the Competent Person's opinion, the analysis methods employed are appropriate for the mineralisation style and use in mineral resource estimation.</p> <p>pXRF analysis data were collected for most drilling included in the resource definition programme to support geological modelling. An Olympus Vanta VMR pXRF analyser with a 50kV x-ray tube and a Rh anode was used for the programme in geochemical mode with all three beams set to 15 seconds. Each day the instrument internally calibrates itself to ensure it is operating within factory specifications. No calibrations have been applied.</p> <p>Certified reference material: 1:25 samples</p> <p>Blanks: coarse blank nominally 1:100; lab - barren quartz flush</p> <p>Field: RC – duplicate taken from second chute on fixed cone splitter at a rate of 1:20.</p> <p>Pulp duplicates selected by the laboratory.</p> <p>In the Competent Person's opinion, the lab performed acceptably, with acceptable levels of</p>



CRITERIA	JORC CODE EXPLANATION	COMMENTARY
		accuracy and precision established. The quality of analysis is appropriate for mineral resource estimation.
<b>Verification of sampling and assaying</b>	<p>The verification of significant intersections by either independent or alternative company personnel.</p> <p>The use of twinned holes.</p> <p>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</p> <p>Discuss any adjustment to assay data.</p>	<p>All sampling is routinely inspected by senior geological staff.</p> <p>No holes have been twinned at this stage. However key mineralised zones have been core drilled in the centre of a dice-5 pattern to verify high-grade intervals defined from AC.</p> <p>Data stored in Datashed database on internal company server, logging performed on LogChief and synchronised to Datashed database, data validated by database administrator, import validate protocols in place. Visual validation in Leapfrog by Company geologists.</p> <p>In the Competent Person's opinion, data collection, management and storage is robust and provides a reliable data set to produce a mineral resource estimate.</p> <p>No adjustments made to assay data. First gold assay is utilized for any resource estimation.</p>
<b>Location of data points</b>	<p>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.</p> <p>Specification of the grid system used.</p> <p>Quality and adequacy of topographic control.</p>	<p>Collars: surveyed with RTK GPS.</p> <p>Downhole: surveyed with in-rod Reflex tool; conventional or north-seeking gyro tool, in-rod or open hole.</p> <p>In the Competent Person's opinion, the accuracy and quality of the drill hole location data is appropriate for use in mineral resource estimation.</p> <p>MGA94 - Zone 50.</p> <p>Topographic data generated using high resolution photogrammetric techniques.</p>
<b>Data spacing and distribution</b>	<p>Data spacing for reporting of Exploration Results.</p> <p>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.</p> <p>Whether sample compositing has been applied.</p>	<p>Drill hole spacing is nominally 20m x 20m at shallow depths (0-100m) and 50x50m to 50m x 100m at deeper depths (&gt;100m)</p> <p>Yes.</p> <p>Not applicable, as mineralised 3m composites samples (&gt;0.3 g/t) had their respective 1m samples subsequently assayed which take precedence.</p>
<b>Orientation of data in relation to geological structure</b>	<p>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</p> <p>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.</p>	<p>Drill holes oriented at right angles to strike of deposit, dip optimized for drillability and dip of orebody, sampling believed to be unbiased.</p> <p>There is no apparent bias in any of the drilling orientations used.</p>
<b>Sample security</b>	<p>The measures taken to ensure sample security.</p>	<p>All samples are selected, cut and bagged in a tied, numbered calico bag, grouped into larger polyweave bags. Polyweave bags are placed into larger bulker bags with a sample submission sheet and tied shut. Consignment note and delivery address details are written on the side of</p>

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
		the bag and delivered to Toll Express in Meekatharra or collected by Dananni Haulage later in the programme. The bags are delivered directly to ALS in Perth, WA who are NATA accredited for compliance with ISO/IEC17025:2005. ALS reconcile the physical samples delivered against the sample submission and communicate any errors identified.
<b>Audits or reviews</b>	The results of any audits or reviews of sampling techniques and data.	No independent reviews of QAQC have been conducted for the Turnberry drilling.

## Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
<b>Mineral tenement and land tenure status</b>	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.	Meeka Metals Limited control 100% interest in M51/882 and the tenement is in good standing.  M51/882 is located within the Yugunga-Nya Native Title determination area.  Heritage surveys have been conducted over active exploration areas.  Teck holds an 8.8% net profit interest which is paid only after all expenses incurred by the project (including historical exploration expenses) are recovered by Meeka Metals Limited.  Milestone payments of \$5/oz produced are to be paid to Archean Star Resources Australia Pty Ltd, capped at \$1m.
<b>Exploration done by other parties</b>	Acknowledgment and appraisal of exploration by other parties.	Historical exploration was carried out at Turnberry by ASRA, Teck and Newcrest including drilling and geophysics.
<b>Geology</b>	Deposit type, geological setting and style of mineralisation.	Geology consists of Archean aged orogenic style mineralisation. Primary mineralisation is interpreted to be hosted within shear zone(s) +/- stringer quartz veins within both mafic and felsic lithologies. Some supergene mineralisation is developed locally and defined by ferruginous red saprolite clays.
<b>Drill hole Information</b>	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:  eastings and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length.  If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent	All drill results have been reported to the ASX in line with ASIC requirements, and available from previous announcements at <a href="https://meekametals.com.au/asx-announcements/">https://meekametals.com.au/asx-announcements/</a>

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
	Person should clearly explain why this is the case.	
<b>Data aggregation methods</b>	<p>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</p> <p>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.</p> <p>The assumptions used for any reporting of metal equivalent values should be clearly stated.</p>	<p>No top-cuts have been applied when reporting results.</p> <p>All fire and photon assay results associated with the exploration drilling have been reported.</p> <p>Aggregate sample assays are calculated using a length-weighted average.</p> <p>Significant intervals are based on the logged geological interval, with all internal dilution included.</p> <p>No metal equivalent values are used for reporting exploration results.</p>
<b>Relationship between mineralisation widths and intercept lengths</b>	<p>These relationships are particularly important in the reporting of Exploration Results.</p> <p>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</p> <p>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</p>	<p>Drill holes are oriented at right angles to strike of deposit, dip optimized for drilling purposes and dip of ore body. Down hole widths are reported with most drill holes intersecting the mineralised lenses at 30-40 degrees.</p> <p>Strike of mineralisation is approximately north-south in the Fairway Trend.</p>
<b>Diagrams</b>	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.	Drilling is presented in long-section and cross section as appropriate and reported quarterly to the ASX in line with ASIC requirements.
<b>Balanced reporting</b>	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	All drillhole results have been reported in previous announcements available at <a href="https://meekametals.com.au/asx-announcements/">https://meekametals.com.au/asx-announcements/</a> . Reports also include drillholes of insignificant intersections
<b>Other substantive exploration data</b>	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	All meaningful and material data are reported.
<b>Further work</b>	<p>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</p> <p>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</p>	Follow up work at Fairway trend will comprise of further infill and extensional drilling programs to continue to develop the resource potential and test additional exploration targets.



## JORC 2012 – TABLE 1: ST ANNE’S

### Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
<b>Sampling techniques</b>	<p>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.</p> <p>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</p> <p>Aspects of the determination of mineralisation that are Material to the Public Report.</p> <p>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.</p>	<p>One metre primary samples and three metre composite samples were collected via reverse circulation and large format aircore (AC) blade drilling.</p> <p>Additional sampling of diamond core was conducted more selectively to understand controls on mineralisation and collect density data.</p> <p>The quality of the samples were actively monitored and evaluated using various quality control techniques.</p> <p>The majority of sampling occurred in the near-completely oxidised regolith clays using large-format AC drilling methods. With appropriate air pressure and volume available and a larger 4-inch hammer air-core is an effective drilling technique in clay formations.</p> <p>When blade refusal is reached, with a larger format AC rig a slimline face sampling RC hammer can be used to sample through consolidated formations. With appropriate air pressure and volume available and monitoring of sample recovery, this method can be considered appropriate.</p> <p>Diamond core drilling has been used to verify key air core drilled intersections.</p> <p>Reverse circulation and diamond core drilling techniques are typical and appropriate for the style of mineralisation being estimated.</p> <p>The quality of the sampling is deemed to be appropriate and fit-for-purpose of mineral resource estimation.</p> <p>Various measures were employed to monitor and assure the quality of samples collected. Such measures include:</p> <p>Every effort is made to drill dry samples. Where wet samples are drilled they are logged as wet and the quality of these samples are taken into account in the resource estimation.</p> <p>Qualitative active monitoring of sample recovery and photographing of drill samples at the end of hole to assess sample recovery.</p> <p>The calibration of scales used for the collection of wet-dry Archimedes density data using a calibration weight during the collection process.</p> <p>Internal calibration checks were performed by the pXRF analyser daily.</p> <p>Calibration of the DGPS instrument was performed before the travelled to site for each surveying campaign.</p> <p>Gold mineralisation was initially determined with ~3kg, speared, four metre composite samples which were dried, crushed and</p>

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
		<p>pulverised with a 50g sample fire assayed and analysed using atomic absorption spectrometry.</p> <p>Mineralised composites greater than 0.3 g/t had their respective 1m, ~2-3kg, cone split samples collected and submitted for either fire assay or photon analysis. Fire assay was as described above and photon assay involves drying the sample, fine crushing to 90% passing -3mm and a 500g sub-sample is put in a photon assay jar and analysed for gold.</p> <p>Mineralisation determined qualitatively through monitoring presence of sulphide, quartz veining and visible gold. Additional mineralisation was qualitatively determined using pXRF analysis for pathfinder geochemistry which maps the mineralisation.</p> <p>pXRF analyses for alteration and common rock-forming elements was carried out on every metre by taking a small ~50g sample from the AC/RC fines and analysing with the Olympus Vanta VMR XRF Analyser using all 3 beams for 15 seconds each.</p>
<p><b>Drilling techniques</b></p>	<p>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).</p>	<p>A combination of AC drilling with 4 inch cutting blade bits and smaller-format 4-inch face sampling hammer bits, RC drilling with 5.5 inch face sampling hammers and triple tube HQ3 and NQ diamond core tails were used to obtain samples.</p> <p>Air drilling was performed with the multi-purpose (AC and RC) Schramm T450 rig with 400psi/1240cfm onboard air for AC drilling and the addition of 350psi/1350cfm compressor and 1000psi booster when drilling deeper or drilling RC. The rig runs 3.5 inch rods and a 3inch diameter sample hose.</p> <p>Diamond core was collected using triple-tube methods in the clays and conventional methods in fresh rock NQ diamond tails. All core was oriented wherever possible using Reflex orientation instruments.</p>
<p><b>Drill sample recovery</b></p>	<p>Method of recording and assessing core and chip sample recoveries and results assessed.</p> <p>Measures taken to maximise sample recovery and ensure representative nature of the samples.</p> <p>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.</p>	<p>As sample recoveries are generally very high, there is no known relationship between sample recovery and grade.</p> <p>In the Competent Person's opinion, while no quantitative data are available, the qualitative data available and recent drilling conducted by MEK indicate there is no relationship between recovery and grade.</p>
<p><b>Logging</b></p>	<p>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.</p> <p>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</p> <p>The total length and percentage of the relevant intersections logged.</p>	<p>Holes logged to a level of detail to support mineral resource estimation, mining studies and metallurgy studies: lithology; alteration; mineralisation; geotechnical; structural.</p> <p>Qualitative: geological data (lithology, alteration, mineralogy, veining etc.)</p> <p>Quantitative: structural orientation angles; geotechnical and geochemical data.</p>

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
		<p>A handheld pXRF instrument was used to collect continuous geochemical data to assist with logging.</p> <p>Core photography or the whole hole wet and photography or sample piles at the completion of each drillhole.</p> <p>All holes logged and chipped for entire length of hole. All chip trays and diamond core archived for future reference.</p>
<p><b>Sub-sampling techniques and sample preparation</b></p>	<p>If core, whether cut or sawn and whether quarter, half or all core taken.</p> <p>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</p> <p>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</p> <p>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</p> <p>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.</p> <p>Whether sample sizes are appropriate to the grain size of the material being sampled.</p>	<p>Core diamond tails were half cored with an Almonte core saw.</p> <p>The HQ3 triple tubed holes were whole core sampled apart from the quartz veins which were half core sampled.</p> <p>All 3 m composites were spear sampled.</p> <p>All air drilled 1 m primary samples were split using a gravity fed fixed cone splitter system, predominantly dry. Where samples were split wet these samples were logged as wet samples and the sample system cleaned and dried to minimise bias and contamination.</p> <p>The subsampling technique applied to the RC and AC samples is considered industry standard, with measures in place to maximise recovery and minimise contamination.</p> <p>This includes the application of a cone splitter which allows for a more consistent sample split. In addition, the samples are kept dry using appropriate downhole air pressure within the reverse circulation system. The samples delineation is actively controlled.</p> <p>Diamond core followed half-core sampling techniques. Core was cut along the orientation line and the same half of core was always submitted for analysis.</p> <p>Recovery was logged and accounted for in the logging and sampling.</p> <p>Air drilled (RC and AC) samples were presented to a gravity fed cone splitter to produce a ~3kg sub-sample for each metre. Samples were pulverised to 85% passing 75 microns. The pulp split is scooped from the pulverised pulp sample.</p> <p>For photon analysis the cone split sample is crushed to 90% passing -3mm and a 500g split is taken to fill the photon analysis jar. No duplicates were included in this sample stream.</p> <p>Pulp duplicates taken at the pulverising stage and selective repeats conducted at the laboratory's discretion.</p> <p>No twin drilling has been completed for the project but close spaced diamond drilling of some of the key mineralised areas drilled with AC have been drilled. These holes return similar grade tenor and distributions as the AC holes.</p> <p>Field duplicates are taken from the cone splitter using the second shoot every 20 samples. These are analysed when included in a mineralised interval identified by the composite samples.</p>



CRITERIA	JORC CODE EXPLANATION	COMMENTARY
		<p>No field duplicates are included in the core sample stream. Using two quarter cores as duplicates significantly reduces the sample support of the “duplicates” and sampling of the second half of diamond core leaves no core for future reference.</p> <p>In the Competent Person’s opinion, the sample size is appropriate for the grain size of the material being sampled. The primary sample is as large as possible to use blade drilling for the effective sampling of clay and considering economic constraints. The first split sizes are industry standard and considered appropriate for the mineralisation style. A 50g fire assay is considered the optimal sample size considering practical and economic constraints. The 500g Photon sample is a further improvement in sample support.</p>
<p><b>Quality of assay data and laboratory tests</b></p>	<p>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</p> <p>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.</p> <p>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.</p>	<p>Fire assay, total technique, with AAS finish is appropriate for gold.</p> <p>Photon assay is considered a total technique and appropriate for gold.</p> <p>In the Competent Person’s opinion, the analysis methods employed are appropriate for the mineralisation style and use in mineral resource estimation.</p> <p>pXRF analysis data were collected for most drilling included in the resource definition programme to support geological modelling. An Olympus Vanta VMR pXRF analyzer with a 50kV x-ray tube and a Rh anode was used for the programme in geochemical mode with all three beams set to 15 seconds. Each day the instrument internally calibrates itself to ensure it is operating within factory specifications. No calibrations have been applied.</p> <p>Certified reference material: 1:25 samples</p> <p>Blanks: coarse blank nominally 1:100; lab - barren quartz flush</p> <p>Field: RC – duplicate taken from second chute on fixed cone splitter at a rate of 1:20.</p> <p>Pulp duplicates selected by the laboratory.</p> <p>In the Competent Person’s opinion, the lab performed acceptably, with acceptable levels of accuracy and precision established. The quality of analysis is appropriate for mineral resource estimation.</p>
<p><b>Verification of sampling and assaying</b></p>	<p>The verification of significant intersections by either independent or alternative company personnel.</p> <p>The use of twinned holes.</p> <p>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</p> <p>Discuss any adjustment to assay data.</p>	<p>All sampling is routinely inspected by senior geological staff.</p> <p>No holes have been twinned at this stage. However key mineralised zones have been core drilled in the centre of a dice-5 pattern to verify high-grade intervals defined from AC.</p> <p>Data stored in Datashed database on internal company server, logging performed on LogChief and synchronised to Datashed database, data validated by database administrator, import validate protocols in place. Visual validation in Leapfrog by Company geologists.</p>

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
		<p>In the Competent Person's opinion, data collection, management and storage is robust and provides a reliable data set to produce a mineral resource estimate.</p> <p>No adjustments made to assay data. First gold assay is utilized for any resource estimation.</p>
<b>Location of data points</b>	<p>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.</p> <p>Specification of the grid system used.</p> <p>Quality and adequacy of topographic control.</p>	<p>Collars: surveyed with RTK GPS.</p> <p>Downhole: surveyed with in-rod Reflex tool; conventional or north-seeking gyro tool, in-rod or open hole.</p> <p>In the Competent Person's opinion, the accuracy and quality of the drill hole location data is appropriate for use in mineral resource estimation.</p> <p>MGA94 - Zone 50.</p> <p>Topographic data generated using high resolution photogrammetric techniques.</p>
<b>Data spacing and distribution</b>	<p>Data spacing for reporting of Exploration Results.</p> <p>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.</p> <p>Whether sample compositing has been applied.</p>	<p>Drill hole spacing is nominally 20m x 20m at shallow depths (0-100m) and 50x50m to 50m x 100m at deeper depths (&gt;100m)</p> <p>Data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource.</p> <p>Not applicable, as mineralised 4m composites samples (&gt;0.3 g/t) had their respective 1m samples subsequently assayed which take precedence.</p>
<b>Orientation of data in relation to geological structure</b>	<p>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</p> <p>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.</p>	<p>Drill holes oriented at right angles to strike of deposit, dip optimized for drillability and dip of orebody, sampling believed to be unbiased.</p> <p>There is no apparent bias in any of the drilling orientations used.</p>
<b>Sample security</b>	<p>The measures taken to ensure sample security.</p>	<p>All samples are selected, cut and bagged in a tied, numbered calico bag, grouped into larger polyweave bags. Polyweave bags are placed into larger bulker bags with a sample submission sheet and tied shut. Consignment note and delivery address details are written on the side of the bag and delivered to Toll Express in Meekatharra or collected by Dananni Haulage later in the programme. The bags are delivered directly to ALS in Perth, WA who are NATA accredited for compliance with ISO/IEC17025:2005. ALS reconcile the physical samples delivered against the sample submission and communicate any errors identified.</p>
<b>Audits or reviews</b>	<p>The results of any audits or reviews of sampling techniques and data.</p>	<p>No independent reviews of QAQC have been conducted for the St Anne's drilling.</p>

## Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
<b>Mineral tenement and land tenure status</b>	<p>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.</p> <p>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.</p>	<p>Meeka Metals Limited control 100% interest in M51/882 and the tenement is in good standing.</p> <p>M51/882 is located within the Yugunga-Nya Native Title determination area.</p> <p>Heritage surveys have been conducted over active exploration areas.</p> <p>Teck holds an 8.8% net profit interest which is paid only after all expenses incurred by the project (including historical exploration expenses) are recovered by Meeka Metals Limited.</p> <p>Milestone payments of \$5/oz produced are to be paid to Archean Star Resources Australia Pty Ltd, capped at \$1m.</p>
<b>Exploration done by other parties</b>	Acknowledgment and appraisal of exploration by other parties.	Historical exploration was carried out at Turnberry by ASRA, Teck and Newcrest including drilling and geophysics.
<b>Geology</b>	Deposit type, geological setting and style of mineralisation.	Geology consists of Archean aged orogenic style mineralisation. Primary mineralisation is interpreted to be hosted within shear zone(s) +/- stringer quartz veins within both mafic and felsic lithologies. Some supergene mineralisation is developed locally and defined by ferruginous red saprolite clays.
<b>Drill hole Information</b>	<p>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:</p> <p>easting and northing of the drill hole collar</p> <p>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</p> <p>dip and azimuth of the hole</p> <p>down hole length and interception depth</p> <p>hole length.</p> <p>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.</p>	All drill results have been reported to the ASX in line with ASIC requirements, and available from previous announcements at <a href="https://meekametals.com.au/asx-announcements/">https://meekametals.com.au/asx-announcements/</a>
<b>Data aggregation methods</b>	<p>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</p> <p>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.</p>	<p>No top-cuts have been applied when reporting results.</p> <p>All fire and photon assay results associated with the exploration drilling have been reported.</p> <p>Aggregate sample assays are calculated using a length-weighted average.</p> <p>Significant intervals are based on the logged geological interval, with all internal dilution included.</p>



CRITERIA	JORC CODE EXPLANATION	COMMENTARY
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalent values are used for reporting exploration results.
<b>Relationship between mineralisation widths and intercept lengths</b>	<p>These relationships are particularly important in the reporting of Exploration Results.</p> <p>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</p> <p>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</p>	<p>Drill holes are oriented at right angles to strike of deposit, dip optimized for drilling purposes and dip of ore body. Down hole widths are reported with most drill holes intersecting the mineralised lenses at 30-40 degrees.</p> <p>Strike of mineralisation is approximately north-south in the Fairway Trend.</p>
<b>Diagrams</b>	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.	Drilling is presented in long-section and cross section as appropriate and reported quarterly to the ASX in line with ASIC requirements.
<b>Balanced reporting</b>	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	All drillhole results have been reported in previous announcements available at <a href="https://meekametals.com.au/asx-announcements/">https://meekametals.com.au/asx-announcements/</a> . Reports also include drillholes of insignificant intersections.
<b>Other substantive exploration data</b>	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	All meaningful and material data are reported.
<b>Further work</b>	<p>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</p> <p>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</p>	Follow up work at Fairway trend will comprise of further infill and extensional drilling programs to continue to develop the resource potential and test additional exploration targets.