

## 26 May 2022

# DRILLING CONFIRMS AT-SURFACE LATERITE GOLD MINERALISATION AT MILLROSE

COHERENT LATERITE MINERALISATION INTERSECTED DIRECTLY ABOVE THE MINERAL RESOURCE

# **Key Points:**

- RC drilling intersected a coherent zone of at-surface laterite gold mineralisation
- The mineralisation has the potential to be an economically valuable prospect in a mine development scenario given its shallow nature

## **Introduction**

Strickland Metals Limited (ASX:STK) ("**Strickland"** or "the **Company"**) is pleased to provide further drilling results received from its 100% owned Millrose gold project located on the north east flank of the Yandal Belt.

## Management Comment

Andrew Bray, Chief Executive Officer, said: "Strickland is very pleased to provide assay results for its drill out of the laterite gold mineralisation. Importantly, drilling intersected a coherent zone of +1g/t laterite gold mineralisation. This type of mineralisation can be very valuable in any development scenarios given it represents an opportunity for quick, upfront cash flow.

The mineralisation was predominantly intersected within 10m of surface, and it lies directly above the Millrose North mineral resource.

The Company believes there is potential for repeats of this style of shallow mineralisation along strike, which may further enhance the economics of any future feasibility studies.

With respect to the broader project, the Company received a number of initial assays in a relatively short period of time, as previously announced to the market. The turnaround time appears to have slowed considerably, with a large number of critical assays remaining outstanding. The Company has been advised that the backlog should be cleared towards the end of June, however results may still be received earlier."

#### Laterite Gold Zone – RC Drill Out

Historic drilling across the Millrose Gold Deposit intersected a coherent zone of +1g/t Au shallow, laterite gold mineralisation that has been defined over at least 300 metres in strike (Figure 1). Given that this mineralisation is near-surface and high grade, any potential laterite gold resource estimate will provide Strickland with upfront cash-flow for the wider Millrose Mineral Resource in a development scenario.

Highlight results include:

MRRC025	3 metres @ 1g/t Au from 5 metres	MRRC052	4 metres @ 3g/t Au from 4 metres
MRRC026	3 metres @ 1.1g/t Au from 5 metres	MRRC053	5 metres @ 3.6g/t Au from 3 metres
MRRC027	4 metres @ 1g/t Au from 4 metres	MRRC053	4 metres @ 1.4g/t Au from 14 metres to EOH
MRRC028	5 metres @ 1.2g/t Au from 4 metres	MRRC054	4 metres @ 1.7g/t Au from 3 metres
MRRC029	5 metres @ 2g/t Au from 4 metres	MRRC062	3 metres @ 1.4g/t Au from 4 metres
MRRC030	4 metres @ 1g/t Au from 4 metres	MRRC063	4 metres @ 1g/t Au from 3 metres
MRRC040	5 metres @ 1.3g/t Au from 4 metres	MRRC064	4 metres @ 2g/t Au from 3 metres
MRRC041	5 metres @ 2.4g/t Au from 4 metres	MRRC074	2 metres @ 1.8g/t Au from 10 metres
MRRC042	2 metres @ 1.5g/t Au from 4 metres		

An initial, shallow RC program, consisting of 84 holes for 1,700 metres was drilled on a 40m (north-south) by 20m (east-west) grid, to define the extents of this mineralised laterite horizon. A second phase of RC drilling, to define a 20m by 20m grid, will be completed later this year to assist with a first pass laterite gold mineral resource.

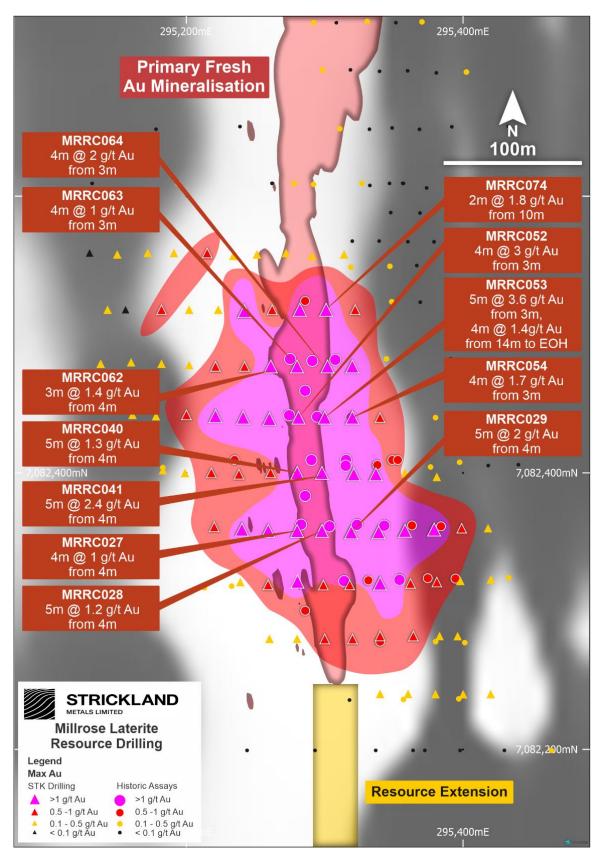


Figure 1: Laterite gold intersections

## **Outstanding Assays**

As has been a well-documented issue across the industry, Strickland is experiencing longer than anticipated wait times for assays to be returned. Pleasingly, however, the Company has been advised that the backlog will be cleared towards the end of June.

This ASX announcement was approved and authorised for release by the Chief Executive Officer of the Company.

Yours faithfully Strickland Metals Limited

#### **Andrew Bray**

Chief Executive Officer

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#### **Competent Person Statement**

The information in this report that relates to Exploration Results or Mineral Resources is based on information compiled or reviewed by Mr Peter Langworthy who is a consultant to Strickland Metals Limited and is a current Member of the Australian Institute of Mining and Metallurgy. Mr Peter Langworthy has sufficient experience, which is relevant to the style of mineralisation and types of deposit under consideration and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code of Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Langworthy consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.



# Appendix A

# Table 1: Drill Hole Assay Table

				GA94 Zone 5	51							
	Hole	Total Depth	Northing	Easting	RL			Depth From	Depth To	Intercept	Grade	
	Туре	(metres)	(metres)	(metres)	(metres)	Azimuth	Dip	(metres)	(metres)	(metres)	(g/t)	Grade Summary
MRRC004	RC	18	295400	7182240	544	0	-90	8	9	1	0.4	1 metre @ 0.4g/t Au from 8 metres
												1 metre @ 0.3g/t Au from
MRRC005	RC	18	295420	7082240	544	0	-90	8	9	1	0.3	8 metres 3 metres @ 0.4g/t Au from
MRRC008	RC	18	295300	7182280	544	0	-90	6	9	3	0.4	6 metres
MRRC009	RC	18	295320	7082280	544	0	-90	7	8	1	0.5	1 metre @ 0.5g/t Au from 7 metres
MRRC010	RC	18	295340	7182282	544	0	-90	7	9	2	0.5	2 metres @ 0.5g/t Au from 7 metres
NADD CO111	<b>B</b> C	10	205264	7000000	544			7		2		2 metres @ 0.6g/t Au from
MRRC011	RC	18	295364	7082282	544	0	-90	7	9	2	0.6	7 metres 2 metres @ 0.3g/t Au from
MRRC012	RC	18	295383	7082282	544	0	-90	6	8	2	0.3	6 metres
MRRC013	RC	18	295396	7082282	544	0	-90	6	9	3	0.3	3 metres @ 0.3g/t Au from 6 metres
MARRCO14	DC	10	205240	7002220	544	0	00	F	0	2	0.2	3 metres @ 0.3g/t Au from
MRRC014	RC	18	295240	7082320	544	0	-90	5	8	3	0.3	5 metres 3 metres @ 0.4g/t Au from
MRRC015	RC	18	295260	7082320	544	0	-90	5	8	3	0.4	5 metres
MRRC016	RC	18	295280	7082320	544	0	-90	5	8	3	0.7	3 metres @ 0.7g/t Au from 5 metres
MRRC017	RC	24	295300	7082320	544	0	-90	5	10	5	0.5	5 metres @ 0.5g/t Au from 5 metres
												5 metres @ 0.5g/t Au from
MRRC018	RC	18	295320	7082320	544	0	-90	5	10	5	0.5	5 metres 5 metres @ 0.6g/t Au from
MRRC019	RC	18	295340	7082320	544	0	-90	4	9	5	0.6	4 metres
MRRC020	RC	18	295360	7082320	544	0	-90	5	8	3	0.6	3 metres @ 0.6g/t Au from 5 metres
												4 metres @ 0.5g/t Au from
MRRC021	RC	18	295380	7082320	544	0	-90	5	9	4	0.5	5 metres 3 metres @ 0.4g/t Au from
MRRC022	RC	18	295398	7082322	544	0	-90	5	8	3	0.4	5 metres
MRRC023	RC	18	295420	7082320	544	0	-90	7	8	1	0.3	1 metre @ 0.3g/t Au from 7 metres
												3 metres @ 0.5g/t Au from
MRRC024	RC	18	295220	7082360	544	0	-90	5	8	3	0.5	5 metres 3 metres @ 1g/t Au from
MRRC025	RC	18	295240	7082360	544	0	-90	5	8	3	1	5 metres
MRRC026	RC	18	295260	7082360	544	0	-90	5	8	3	1.1	3 metres @ 1.1g/t Au from 5 metres
												4 metres @ 1g/t Au from
MRRC027	RC	18	295280	7082360	544	0	-90	4	8	4	1	4 metres 5 metres @ 1.2g/t Au
MRRC028	RC	18	295300	7082360	544	0	-90	4	9	5	1.2	from 4 metres
MRRC029	RC	18	295320	7082360	544	0	-90	4	9	5	2	5 metres @ 2g/t Au from 4 metres
MRRC030	RC	18	295340	7082360	544	0	-90	4	8	4	1	4 metres @ 1g/t Au from 4 metres
												4 metres @ 0.8g/t Au from
MRRC031	RC	18	295360	7082360	544	0	-90	5	9	4	0.8	5 metres 5 metres @ 0.7g/t Au from
MRRC032	RC	18	295380	7082360	544	0	-90	3	8	5	0.7	3 metres
MRRC033	RC	18	295400	7082360	544	0	-90	6	9	3	0.6	3 metres @ 0.6g/t Au from 6 metres
MRRC034	RC	18	295420	7082360	544	0	-90	7	8	1	0.3	1 metre @ 0.3g/t Au from 7 metres

												2 metres @ 0.4g/t Au from
MRRC035	RC	18	295183	7082400	544	0	-90	5	7	2	0.4	5 metres 2 metres @ 0.4g/t Au from
MRRC036	RC	18	295200	7082400	544	0	-90	6	8	2	0.4	6 metres 2 metres @ 0.4g/t Au from
MRRC037	RC	18	295220	7082400	544	0	-90	6	8	2	0.4	6 metres
MRRC038	RC	18	295240	7082400	544	0	-90	4	8	4	0.7	4 metres @ 0.7g/t Au from 4 metres
MRRC039	RC	18	295260	7082400	544	0	-90	4	9	5	0.5	5 metres @ 0.5g/t Au from 4 metres
MRRC040	RC	18	295280	7082400	544	0	-90	4	9	5	1.3	5 metres @ 1.3g/t Au from 4 metres
												5 metres @ 2.4g/t Au
MRRC041	RC	18	295300	7082400	544	0	-90	4	9	5	2.4	from 4 metres 2 metres @ 1.5g/t Au
MRRC042	RC	18	295320	7082400	544	0	-90	4	6	2	1.5	from 4 metres 3 metres @ 0.8g/t Au from
MRRC043	RC	18	295340	7082400	544	0	-90	4	7	3	0.8	4 metres 3 metres @ 0.4g/t Au from
MRRC044	RC	18	295360	7082400	544	0	-90	5	8	3	0.4	5 metres
MRRC045	RC	18	295380	7082400	544	0	-90	4	5	1	0.3	1 metre @ 0.3g/t Au from 4 metres
MRRC046	RC	18	295160	7082440	544	0	-90	5	6	1	0.3	1 metre @ 0.3g/t Au from 5 metres
MRRC048	RC	18	295200	7082440	544	0	-90	5	7	2	0.5	2 metres @ 0.5g/t Au from 5 metres
												2 metres @ 0.8g/t Au from
MRRC049	RC	18	295220	7082440	544	0	-90	5	7	2	0.8	5 metres 4 metres @ 0.6g/t Au from
MRRC050	RC	18	295240	7082440	544	0	-90	4	8	4	0.6	4 metres 5 metres @ 0.7g/t Au from
MRRC051	RC	18	295260	7082440	544	0	-90	4	9	5	0.7	4 metres 4 metres @ 3g/t Au from
								4	8	4	3	4 metres
MRRC052	RC	16	295280	7082440	544	0	-90	11	14	3	0.5	3 metres @ 0.5g/t Au from 11 metres
								3	8	5	3.6	5 metres @ 3.6g/t Au from 3 metres
MRRC053	RC	18	295300	7082440	544	0	-90	14	18	4	1.4	4 metres @ 1.4g/t Au from 14 metres to EOH
MRRC054	RC	18	295320	7082440	544	0	-90	3	7	4	1.7	4 metres @ 1.7g/t Au from 3 metres
												4 metres @ 0.4g/t Au from
MRRC065	RC	18	295340	7082440	544	0	-90	3	7	4	0.4	3 metres 1 metre @ 0.4g/t Au from
MRRC058	RC	18	295180	7082480	544	0	-90	5	6	1	0.4	5 metres 1 metre @ 0.3g/t Au from
MRRC059	RC	18	295200	7082480	544	0	-90	7	8	1	0.3	7 metres 2 metres @ 0.5g/t Au from
MRRC060	RC	18	295220	7082480	544	0	-90	4	6	2	0.5	4 metres
MRRC061	RC	18	295240	7082480	544	0	-90	4	6	2	0.6	2 metres @ 0.6g/t Au from 4 metres
MRRC062	RC	18	295260	7082480	544	0	-90	4	7	3	1.4	3 metres @ 1.4g/t Au from 4 metres
								3	7	4	1	4 metres @ 1g/t Au from 3 metres
		10	205200	7000 400								2 metres @ 0.3g/t Au from
MRRC063	RC	18	295280	7082480	544	0	-90	13	15	2	0.3	13 metres 4 metres @ 2g/t Au from
								3	7	4	2	3 metres 1 metre @ 0.4g/t Au from
								10	11	1	0.4	10 metres 1 metre @ 0.4g/t Au from
MRRC064	RC	18	295300	7082480	544	0	-90	16	17	1	0.4	16 metres
MRRC065	RC	18	295320	7082480	544	0	-90	2	7	5	0.7	5 metres @ 0.7g/t Au from 2 metres
MRRC068	RC	18	295180	7082520	544	0	-90	4	6	2	0.6	2 metres @ 0.6g/t Au from 4 metres
MRRC069	RC	18	295200	7082520	544	0	-90	6	7	1	0.3	1 metre @ 0.3g/t Au from 6 metres
												5 metres @ 0.6g/t Au from
MRRC071	RC	18	295240	7082520	544	0	-90	4	9	5	0.6	4 metres 1 metre @ 0.7g/t Au from
MRRC072	RC	18	295260	7082520	544	0	-90	4	5	1	0.7	4 metres

1											1	3 metres @ 0.6g/t Au from
								4	7	3	0.6	4 metres
												1 metre @ 0.7g/t Au from
MRRC073	RC	18	295282	7082520	544	0	-90	9	10	1	0.7	9 metres
												5 metres @ 0.9g/t Au from
								3	8	5	0.9	3 metres
												2 metres @ 1.8g/t Au
								10	12	2	1.8	from 10 metres
												1 metre @ 0.4g/t Au from
MRRC074	RC	18	295300	7082520	544	0	-90	17	18	1	0.4	17 metres
												3 metres @ 0.4g/t Au from
								3	6	3	0.4	3 metres
												1 metre @ 0.5g/t Au from
MRRC075	RC	18	295320	7082520	544	0	-90	11	12	1	0.5	11 metres
												1 metre @ 0.3g/t Au from
MRRC078	RC	18	295170	7082560	544	0	-90	5	6	1	0.3	5 metres
												2 metres @ 0.3g/t Au from
MRRC079	RC	18	295190	7082560	544	0	-90	3	5	2	0.3	3 metres
												2 metres @ 0.5g/t Au from
MRRC080	RC	18	295215	7082560	544	0	-90	4	6	2	0.5	4 metres
												1 metre @ 0.3g/t Au from
MRRC081	RC	18	295234	7082560	544	0	-90	4	5	1	0.3	4 metres
												2 metres @ 0.4g/t Au from
MRRC082	RC	18	295250	7082560	544	0	-90	4	6	2	0.4	4 metres



## Appendix B: JORC Code, 2012 Edition – Table 1

# Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
	<ul> <li>Nature and quality of sampling (eg 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.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg '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 (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul> <li>Historic Drilling         <ul> <li>Drilling across the Millrose Gold Mines (MGM) E53/1304 tenement, consists of 24 RAB holes for 1,361 metres, 857 aircore holes for 71,585 metres, 158 RC holes for 24,671 metres and 46 diamond tail holes for 4,835 metres.</li> <li>Historic (pre-STK) RC samples were collected at 1m intervals and the material riffle split at time of drilling to produce a representative sample weighing approximately 2-3kg. Historic (pre-STK) Diamond core (NQ2) was cut in half and sampled every 1m to provide a representative sample of approximately 2kg.</li> <li>RC and core sample material were dispatched to the laboratories of either ALS or Genalysis or both for gold analysis. The whole sample was pulverised to produce a representative charge for gold assay by either aqua regia with carbon rod AAS finish (0.01 g/t detection limit), or fire assay (0.01 g/t detection limit). In some instances a greater charge was produced to undertake a cyanide leach bottle roll analysis for gold. No visible gold was seen in the core, and the general tenor of the gold results indicated that coarse gold is not typically present.</li> </ul> </li> <li>STK Drilling RC         <ul> <li>2-3 kg samples were split from dry 1m bulk samples. The sample was initially collected from the cyclone in an inline collection box, with independent upper and lower shutters. Once the full metre was drilled to completion, the drill bit was lifted off the bottom of the hole, creating a gap between samples; ensuring the entirety of the 1m sample was collected, and overdrilling did not occur. When the gap of air entered the collection box, the</li> </ul></li></ul>

Criteria JORC Code expla	anation Commentary
	top shutter was closed off. Once the top shutter was closed, the bottom shutter was opened, dropping the sample under gravity over a cone splitter.
	<ul> <li>Two even 2 – 3 kg duplicate sample splits, from the A- and B-chutes of the splitter, were collected at the same time for each metre, with the remaining reject bulk sample being collected in labelled green bags directly below the cyclone, minimising external contamination.</li> </ul>
	<ul> <li>Original sample bags were consistently collected from the A-chute, whilst duplicate sample splits were collected from the B-chute. During the sample collection process, the original and duplicate calico sample splits, and green bag of bulk reject sample were weighed to test for sample splitting bias and sample recovery.</li> </ul>
	<ul> <li>Green bags were then placed in neat lines on the ground, with tops folded over to avoid contamination. Duplicate B-chute sample bags are retained and stored on site for follow up analysis and test work.</li> </ul>
	<ul> <li>All the original A-chute sample splits from this shallow laterite RC program were sent to the laboratory for analysis.</li> </ul>
	<ul> <li>QA samples were inserted at a combined ratio of 1:20 throughout. Field duplicates were collected at a 1:40 ratio from the B-chute of the cone splitter at the same time as the original sample was collected from the A- chute. OREAS certified reference material (CRM) was inserted at a ratio of 1:40. The grade ranges of the CRMs were selected based on grade populations and economic grade ranges. The reference material type was selected based on the geology, weathering, and analysis method of the sample.</li> </ul>
	<ul> <li>The cyclone was cleaned after each rod, at the base of oxidation, and when deemed necessary by the geologist to minimise contamination of samples. Sample condition was recorded for bias analysis. The cyclone was balanced at the start of each rod and checked after each sample to avoid split bias. Dual air-vibrators on the cyclone transfer box were utilised, when necessary, to aid sample throughput. Vibrators were placed on opposite sides of the cyclone and perpendicular to the chutes to avoid vibration-induced splitting bias.</li> </ul>

Criteria	JORC Code explanation	Commentary
		Handheld instruments, such as an Olympus Vanta pXRF, Terraplus KT-10 meter, and ASD TerraSpec 4 were used to aid geological interpretation. CRMs were tested at regular intervals at a ratio of 1:20.
Drilling techniques	• Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).	<ul> <li>Historic Drilling</li> <li>RC drilling utilised a nominal 5 ½ inch face sampling hammer whilst all diamond drilling was NQ2 having a nominal 2inch diameter. All diamond drilling was as tails from 45 RC and 1 AC holes. Selected diamond holes had core orientated using a spear method every 3m.</li> </ul>
		<ul> <li>STK Drilling</li> <li>RC drilling was undertaken by Ranger Drilling, using a truck-mounted Hydco 350RC Rig with a 1350 cfm @ 500 psi on-board compressor, a 1150 cfm on- board Booster, and a truck-mounted Sullair 900 cfm @ 350 psi Auxiliary Compressor.</li> </ul>
		<ul> <li>RC holes were drilled with a 5 ½ inch hammer. Maximum RC hole depth was 250m.</li> </ul>
		<ul> <li>REFLEX Sprint IQ North-Seeking Gyro was used for downhole dip and azimuth calculation.</li> </ul>
Drill sample recovery	<ul> <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>	<ul> <li>Historic Drilling         <ul> <li>1m intervals of RC drill chip material were weighed to estimate a weight recovery whilst diamond core recovery was measured. RC and diamond recoveries were recorded in the database. No significant RC chip or core loss issue exists, and most sampled intervals record better than 90% recovery.</li> </ul> </li> <li>RC drilling used auxiliary booster(s) to ensure that sample return was not unduly affected by the ingress of water however, some wet samples were recorded.</li> </ul>
		<ul> <li>There appears to be no potential sample bias as diamond drilling returned similar grades and similar widths compared to the RC drilling.</li> <li><u>STK Drilling</u></li> <li>RC</li> </ul>

Criteria	JORC Code explanation	Commentary
		• During the RC sample collection process, the original and duplicate cone split samples, and green bag reject bulk samples were weighed to test for bias and sample recoveries. The majority of this work was undertaken in ore zones.
		• Once drilling reached fresh rock, a fine mist of water was used to suppress dust and limit loss of fines through the cyclone chimney.
		• At the end of each metre, the bit was lifted off the bottom of hole to separate each metre drilled.
		• The majority of samples were of good quality, with ground water having minimal effect on sample quality or recovery.
		• From the collection of recovery data, no identifiable bias exists.
		• From collection of recovery data, no identifiable bias exists.
Logging	<ul> <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>	<ul> <li>Historic Drilling</li> <li>Geological core logging to a resolution of 5cm and RC chip logging every 1m were undertaken with a record kept of, inter alia, colour, lithology, weathering, grain size, mineralisation, alteration, etc. Diamond core is stored at the Millrose homestead. The data is believed to be of an appropriate level of detail to support a resource estimation.</li> <li>Logging was qualitative. Diamond core was photographed.</li> <li>All drilled intervals were logged and recorded.</li> <li>STK Drilling</li> <li>Logging of lithology, structure, alteration, veining, mineralization, oxidation state, weathering, mineralogy, colour, magnetic susceptibility and pXRF geochemistry were recorded. Select samples were analysed by ASD SWIR/NIR using a TerraSpec 4.</li> <li>Logging was both qualitative and quantitative in nature.</li> </ul>

Criteria	JORC Code explanation	Commentary	
		RC chips were washed, logged and a representative sub-sample of the 1 m drill sample retained in reference chip trays for the entire length of a hole.	
		Reference chip trays were photographed wet and dry.	
Sub-sampling	• If core, whether cut or sawn and whether quarter, half or all core taken.	Historic Drilling	
techniques and sample preparation	• If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	• All non-core when resampled at 1m was riffle split at the time of drilling. Split samples comprised approximately 8-10% of the original sample	
p p	• For all sample types, the nature, quality and appropriateness of the sample preparation technique.	material.	
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second- half sampling.	• Collection of RC chips by riffle split techniques and the collection of half core ensured the nature, quality and appropriateness of the sample preparation method.	
		<ul> <li>The methodology of collecting RC and drill core samples was consister throughout the entirety of the drilling programmes and undertaken b qualified geoscientists. Each sub-sample is representative of the interval.</li> </ul>	
	• Whether sample sizes are appropriate to the grain size of the material being sampled.	• Field duplicates were routinely collected at a rate of approximately 1 in every 20 samples and submitted with the sample batch. Additional samples were sent to umpire laboratories for assaying. All QA/QC and umpire laboratory samples returned satisfactory results.	
		• Sample sizes collected were appropriate to reasonably represent the material being tested.	
		STK Drilling	
		• RC samples were split from dry, 1 m bulk sample via a cone splitter directly from the cyclone.	
		<ul> <li>The quality control procedures adopted throughout the process include:         <ul> <li>Weighing of calico and reject green samples to determine sample recovery compared to theoretical sample recovery, and check sample bias through the splitter.</li> </ul> </li> </ul>	
		<ul> <li>Field duplicates collected from the B-chute of the splitter at a 1:40 ratio through the entire hole at the same time as the original sample collection from the A-chute.</li> </ul>	

Criteria	JORC Code explanation	Commentary
		<ul> <li>OREAS certified reference material (CRM) was inserted at a ratio of 1:20 throughout sampling. The grade ranges of the CRMs were selected based on grade populations and economic grade ranges. The reference material type was selected based on the geology, weathering, and analysis method of the sample.</li> <li>Field Duplicates and CRMs were submitted to the lab using unique Sample IDs for both core and chip samples</li> <li>A 2-3 kg sample was submitted for RC to Intertek Laboratory, Maddington WA.</li> <li>All samples were sorted and dried at 105 C, crushed to ~3 mm and linearly split, ensuring jars are filled to 85 % full. Samples were then analysed by Photon-Assay (PAAU002) method with detection limits of 0.02-350 ppm.</li> <li>Intertek separately analyse 1 CRM in every 50 samples as well as 1</li> </ul>
		duplicate assay in every 50 samples as part of standard QAQC protocol for Photon analysis.
Quality of assay data and laboratory tests	<ul> <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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>	<ul> <li>Historic Drilling</li> <li>The sample preparation follows industry best practice and was undertaken at the accredited laboratories of either ALS (Kalgoorlie or Perth) and/or Genalysis (Perth). Both laboratories have full certification. Sample preparation was appropriate and involved drying, crushing and grinding of the whole sample followed by splitting and then pulverisation to a grind size of 85% passing 75 micron. Samples were considered a partial digestion when using an aqua regia digest and total when using fire assay. A program of checking aqua regia (partial) vs. fire assay (total) vs. gold cyanide leach (Partial) to compare digest methods confirmed no bias between the assay techniques.</li> </ul>
		• Standard chemical analyses were used for grade determination. There was no reliance on determination of analysis by geophysical tools.

Criteria	JORC Code explanation	Commentary
		• Field QAQC procedures included the insertion of field duplicates at regular intervals within every sample batch. External laboratory checks were performed on samples from all phases of drilling. Check sampling using partial and full digest methods were employed. Results were satisfactory and demonstrate acceptable levels of accuracy and precision.
		STK Drilling
		<ul> <li>QA samples were inserted at a combined ratio of 1:20 throughout. Field duplicates were collected at a 1:40 ratio from the B-chute of the cone splitter at the same time as the original sample was collected from the A-chute. OREAS certified reference material (CRM) was inserted at a ratio of 1:40. The grade ranges of the CRMs were selected based on grade populations and economic grade ranges. The reference material type was selected based on the geology, weathering, and analysis method of the sample.</li> <li>All samples were sorted and dried at 105 C, crushed to ~3 mm and linearly split, ensuring jars are filled to 85 % full. Samples were then analysed by Photon-Assay (PAAU002) method with detection limits of 0.02-350 ppm.</li> <li>Intertek separately analyse 1 CRM in every 50 samples as well as 1 duplicate assay in every 50 samples as part of standard QAQC protocol for Photon analysis.</li> </ul>
		analysis.
Verification of	The verification of significant intersections by either independent or	Historic Drilling
sampling and assaying	<ul><li>alternative company personnel.</li><li>The use of twinned holes.</li></ul>	• Several Geoscientists both internal and external to MGM have verified the intersections.
	• Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	• There were no twin holes although a number of scissor holes were drilled and on occasion, at better than 20 x 20m drill density.
	• Discuss any adjustment to assay data.	• Field data was uploaded at point of collection using Toughbook or similar hardware and verified at point of entry. Data is stored at various locations in Perth where it is backed-up.
		STK Drilling
		Logging and sampling were recorded directly into LogChief, utilizing lookup

Criteria	JORC Code explanation	Commentary
		<ul> <li>tables and in-file validations, on a Toughbook by a geologist at the rig.</li> <li>Logs and sampling were imported daily into Micromine for further validation and geological confirmation.</li> <li>When received, assay results were plotted on section and verified against neighboring drill holes.</li> <li>From time to time, assays will be repeated if they fail company QAQC protocols.</li> <li>Historic holes have been twinned by STK to validate assay data.</li> <li>Further infill drilling has been completed by STK to validate historic resource models.</li> </ul>
Location of	• Accuracy and quality of surveys used to locate drill holes (collar and down-	Historic Drilling
data points	<ul> <li>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>	<ul> <li>Drill hole collars were surveyed by registered surveyors using theodolite and EDM equipment. Drill holes were down hole surveyed using an Eastman camera arrangement. For confirmation, some holes were surveyed using a Gyro arrangement provided by Surtron. There was no difference between the methodologies. There are no magnetic lithologies in the gold mineralisation zone which would affect an Eastman camera.</li> <li>The grid system used was AMG 84 Zone 51. This data has since been transformed into the MGA 94 Zone 51 grid system and validated in the field (full collar details are listed in Appendix A).</li> <li>The topographic surface of the deposit was generated from the coordinates of the drill hole collars.</li> <li>STK Drilling</li> <li>The grid system used was MGA94 Zone 51 and drillhole collar positions surveyed using a Garmin GPSMAP 64.</li> </ul>
Data spacing and distribution	<ul> <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>	<ul> <li>Historic Drilling         <ul> <li>Drill hole density across the deposit (including all drilling) is approximately 40x40m closing in to better than 20 x 20m in places.</li> </ul> </li> <li>The data spacing and distribution is sufficient to demonstrate spatial and grade continuity of the mineralised horizon to support the classification of the Mineral Resources reported.</li> </ul>

Criteria	JORC Code explanation	Commentary
		<ul> <li>RC samples were first submitted as 4m composites. Samples returning greater than 0.2g/t Au were resampled at 1m using the riffle split sample collected at the time of drilling. The majority of collected and assayed samples within the interpreted mineralised envelopes had a sample length of one metre with an average length of 1.08 m. No composited sample was used in the resource estimate.</li> <li><u>STK Drilling</u></li> <li>Drill hole density across the laterite mineralisation is approximately 40 metres (north-south) by 20 metres (east-west).</li> <li>1 m cone-split sampling has been used throughout this laterite RC drill program.</li> </ul>
Orientation of data in relation to geological structure	<ul> <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>	• The orientation of the drilling /sampling (verital) is considered normal to the overall trend (flat lying) and dip of the gold mineralisation which lies within a horizontal shallow laterite zone
Sample security	The measures taken to ensure sample security.	• Chain of Custody of digital data was managed by the Company. Physical material was stored on site and, when necessary, delivered to the assay laboratory. Thereafter laboratory samples were controlled by the nominated laboratory which to date has been ALS and Genalysis. All sample collection was controlled by digital sample control files and hard-copy ticket books.
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	<ul> <li>Historic Drilling         <ul> <li>A quality control (QC) analysis was conducted on the assay data in November 1999. The report indicated that the assay data was accurate and precise and could be reliably included in the Millrose resource estimate of 1999.</li> </ul> </li> </ul>

# Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.	<ul> <li>The Millrose gold deposit is located within STK's 100% owned Exploration Licence E53/1304, located 10km east of the Jundee gold operations. It is located within the Wiluna Native Title Group (WAD6164/98) claimant area. A Mining Lease application (M53/1110) is currently in place.</li> </ul>
	• The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	• The existing Exploration Licence is in good standing with the governing authority and there is no known impediment to the future grant of this Mining Licence, subject to meeting all necessary Government requirements.
		• L11 Capital Pty Ltd holes a 1% gross revenue royalty over the above tenure.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul> <li>Modern exploration started with Mining and Resources Australia (MRA)'s exploration activities in the reporting period 1996-1997 where it acquired airborne magnetic and radiometric data, and undertook RAB (21 holes for 1,287m) and aircore (85 holes for 8,091m) drilling which resulted in the definition of a significant interface geochemical anomaly at old Camp Bore (now named Millrose). To 1998 MRA completed further air core (429 holes for 37,194m), RC (36 holes for 5,914m) and Diamond (7 tails for 890.95m) drilling and defined a gold anomaly with strike length of 3.7km at &gt; 1g/t Au including significant mineralisation over 480m to a vertical depth of 260m. To 1999 MRA completed regional aircore (188 holes for 11,987m), and RC (116 holes for 17,745m) and Diamond (39 tails for 3,504.43m) drilling at the Millrose gold deposit to better delineate the gold mineralisation. In late 1999 MRA reported a Mineral Resource estimate for the Millrose (North) gold deposit. In 2004 Audax drilled RAB (3 holes for 75m) and air core (99 holes for 8,980m) at Millrose and submitted lateritic gold bearing material for cyanide leach testing. Various economic studies were undertaken which confirmed economic viability of toll treatment option as best development option. In 2005 Audax completed RC (96 holes for 1,007m) peripheral to the Millrose gold deposit. In 2009 Northwind completed an economic study which confirmed economic viability of toll treatment option as best development option. In December 2012 six diamond drill core samples (1/4 core from historic drilling) were collected for metallurgical testing by</li> </ul>

Criteria	JORC Code explanation	Commentary
		standard bottle roll cyanidation test work. Gold recoveries were circa 90% with rapid leaching times.
Geology	• Deposit type, geological setting and style of mineralisation.	• The Millrose gold deposit is a typical Archaean aged, shear related gold deposit. The shear (Celia Shear) strikes north-south and is sub-vertical. Gold mineralisation is associated with the shearing and alteration of a volcaniclastic succession. There is an extensive lateritic profile with a pronounced depletion zone. Mineralisation is sub horizontal in the lateritic profile and subvertical when fresh.
		• This phase of RC drilling, targeted the shallow flat lying laterite zone of mineralisation.
Drill hole Information	• A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:	Please refer to Table 1.
	$\circ$ easting and northing of the drill hole collar	
	<ul> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> </ul>	
	$\circ$ dip and azimuth of the hole	
	$\circ~$ down hole length and interception depth	
	◦ hole length.	
	• If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	
Data aggregation methods	• 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.	Historic Drilling
		• A nominal 0.5g/t Au cut off was used to delineate significant gold intercepts associated with the resource estimation.
	• 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.	<ul> <li>No metal equivalents were used.</li> <li><u>STK Drilling</u></li> <li>A nominal 0.3g/t Au cut off was used in determining the significant</li> </ul>
	• The assumptions used for any reporting of metal equivalent values should be clearly stated.	intercepts from the laterite RC sample assays.

Criteria	JORC Code explanation	Commentary
Relationship between mineralisation widths and intercept lengths	• These relationships are particularly important in the reporting of Exploration Results.	<ul> <li>The laterite mineralisation is flat lying and as such each RC hole was drilled vertically so as to drill perpendicular to the mineralisation orientation.</li> </ul>
	• If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	• Down hole intercept lengths are regarded as true widths and are marked as such.
	• 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').	
Diagrams	• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Refer to main ASX announcement report.
Balanced reporting	• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	Historic exploration results have been previously released into the public domain.
Other substantive exploration data	• Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	• N/A
Further work	• The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).	• Further work will include infill RC to a nominal 20m by 20m grid spacing for an initial laterite resource estimate.
	• Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Metallurgical testwork will be undertaken on existing drill assay results to determine the level of recovery from this laterite sample medium.