

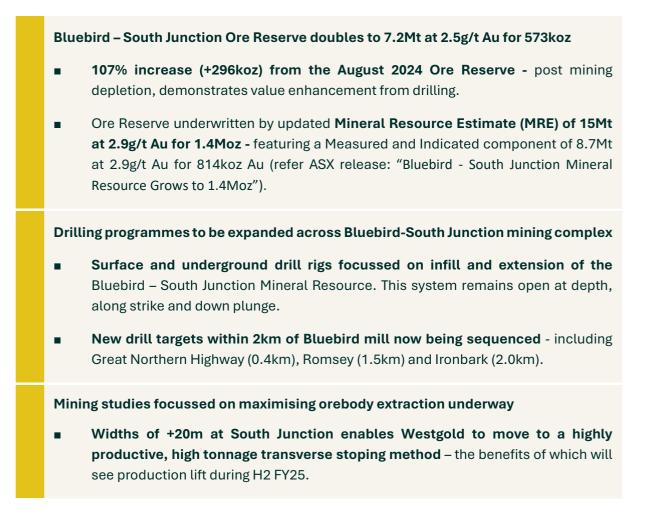
4 December 2024

# Westgold Doubles Bluebird - South Junction Ore Reserve

# 107% increase in South Junction Ore Reserve to 7.2Mt at 2.5g/t Au for 573koz.

Perth, Western Australia, 4 December 2024: **Westgold Resources Limited (ASX: WGX, TSX: WGX, OTCQX: WGXRF – Westgold** or the **Company)** is pleased to report a **107% increase** in the Ore Reserve to 7.2Mtpa at 2.5g/t for 573koz at its Bluebird - South Junction mine near Meekatharra, Western Australia.

## Highlights



#### Westgold Managing Director and CEO Wayne Bramwell commented:

"Westgold has delivered a circa 400% increase in the Ore Reserve at Bluebird - South Junction over the past year. Drilling continues to transform our business, and across the Bluebird-South Junction mining complex we have not yet defined the limits of this ever-expanding system.

Project economics and free cash flow is enhanced by a large, productive underground mine feeding a large processing plant. We have all these ingredients at Meekatharra as the Bluebird-South Junction underground mine is the primary ore source feeding the 1.4-1.8Mtpa Bluebird processing plant that sits 0.5km from the portal.

With scale comes the opportunity to reduce costs with mine studies to-date showing that the South Junction deposit lends itself to a lower-cost, bulk extraction mining method that will deliver higher ounces-per-vertical metre – underpinning its potential to be a highly effective mining operation on the doorstep of our Meekatharra process plant.

Importantly the mineralisation at South Junction remaining open at depth, along strike and down plunge.

With multiple surface and underground drill rigs operating, Westgold is confident we will continue to extend and infill the Mineral Resource to further increase the life and expand the scale of this key growth driver in the Murchison. We look forward to providing updates on this work, as well as the ongoing mining studies at Bluebird - South Junction as we further increase outputs to >1.2Mtpa during H2, FY25."

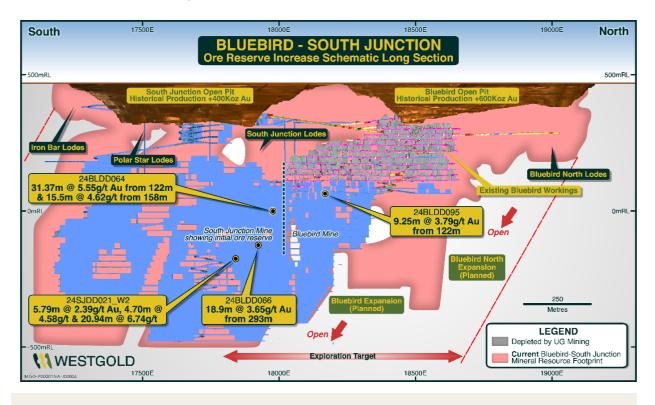


Figure 1 - Bluebird – South Junction underground complex showing footprint of current Ore Reserve.

#### **Ore Reserve Growth**

Since the substantial Bluebird – South Junction MRE scale and quality increase in November 2024<sup>1</sup>, mining studies have been in progress, with a view to increasing the commensurate Ore Reserve, strengthening the Life of Mine (LoM) and extending output from the highly productive traverse primary / secondary mining sequence that has now been adopted at South Junction.

The Ore Reserve compilation component of these studies has now been completed, resulting in significant growth of the Bluebird South Junction Ore Reserve to a combined **7.2Mt at 2.5g/t Au for 573koz** of produced gold (See Figure 2 below and Table 1).

This figure represents a **107% increase** in the Ore Reserve post intervening mining depletion when compared to the end of August 2024 Ore Reserve (Table 2)<sup>2</sup>, and a **382%** increase to the Ore Reserve in the period of a year since the commencement of surface drilling activities at Bluebird - South Junction, when compared to the end of FY23 Ore Reserve for the project (Table 3)<sup>3</sup>.

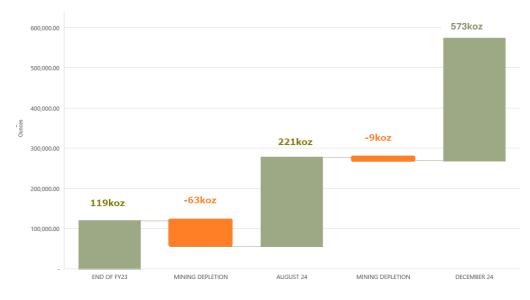


Figure 2 - Substantial growth in Ore Reserve End of FY23 and November 2025 Ore Reserves.

#### Table 1 - Current Bluebird - South Junction Ore Reserve.

Classification	Tonnes	Grade (g/t Au)	Ounces
Proven	105,000	4.0	13,600
Probable	7,141,000	2.4	559,000
Total	7,246,000	2.5	573,000

<sup>&</sup>lt;sup>1</sup> Refer ASX Release "Bluebird - South Junction Mineral Resource Grows to 1.4Moz".

 $<sup>^2</sup>$  Refer ASX Release "Westgold Declares Maiden South Junction Ore Reserve".

<sup>&</sup>lt;sup>3</sup> Refer ASX Release "2023 Resource and Reserves Statement".

Classification	Tonnes	Grade (g/t Au)	Ounces
Proven	76,600	3.9	9,400
Probable	2,966,500	2.8	268,000
Total	3,041,000	2.8	277,000

#### Table 2 - Aug 2024 Bluebird – South Junction Ore Reserve including Maiden South Junction Ore Reserve.

#### Table 3 - End of FY23 Bluebird Ore Reserve.

Classification	Tonnes	Grade (g/t Au)	Ounces
Proven	192,000	5.1	31,000
Probable	566,000	4.8	88,000
Total	757,000	4.9	119,000

#### **South Junction Expansion Underway**

As revealed by drilling, the increasing size and dimensions of the Bluebird - South Junction orebody and corresponding expanded available mining area has allowed Westgold to transition to a far more productive transverse open stoping approach in the South – Junction area of the mine. (See Figures 3 and 4 overleaf).

This transverse open stoping employs a primary / secondary extraction sequence and will enable Westgold to profitably extract a far larger portion of the Mineral Resource in South Junction than would otherwise be allowed by continuing with the conventional up-hole bench retreat approach applied in the Bluebird area of the mine.

The transition to high-productivity transverse stoping is already underway. The first footwall drives and accesses to drawpoints are under development, backfill and ventilation infrastructure placement has commenced, and initial stoping panels are being production drilled.

Ramp-up works will continue with the full benefit of these productivity measures being seen during Q3 / Q4, FY25. Westgold is devoting significant technical and management resources to ensuring the ramp up period is hastened while continuing to prioritise safety.

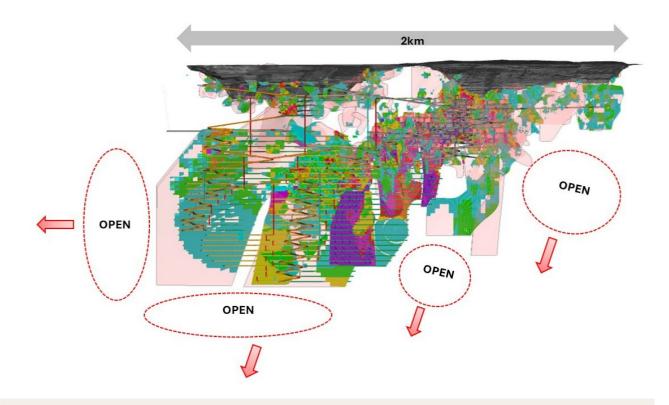


Figure 3 - The mineral endowment at South Junction remains open at depth, along strike and down plunge.

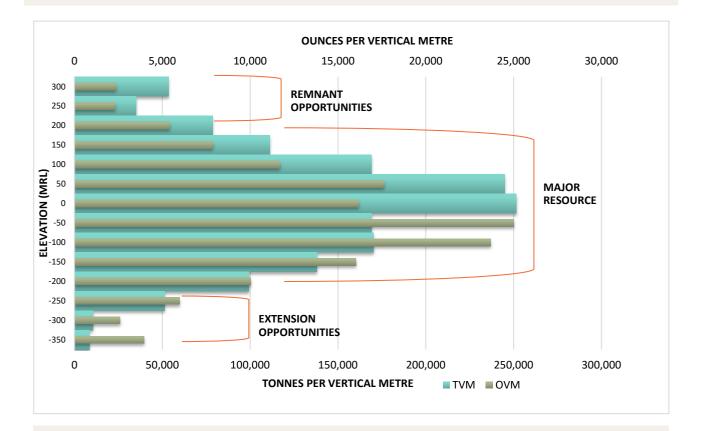


Figure 4 - The South Junction deposit lends itself to a lower-cost, bulk extraction mining method, that will deliver higher ounces-per-vertical metre.

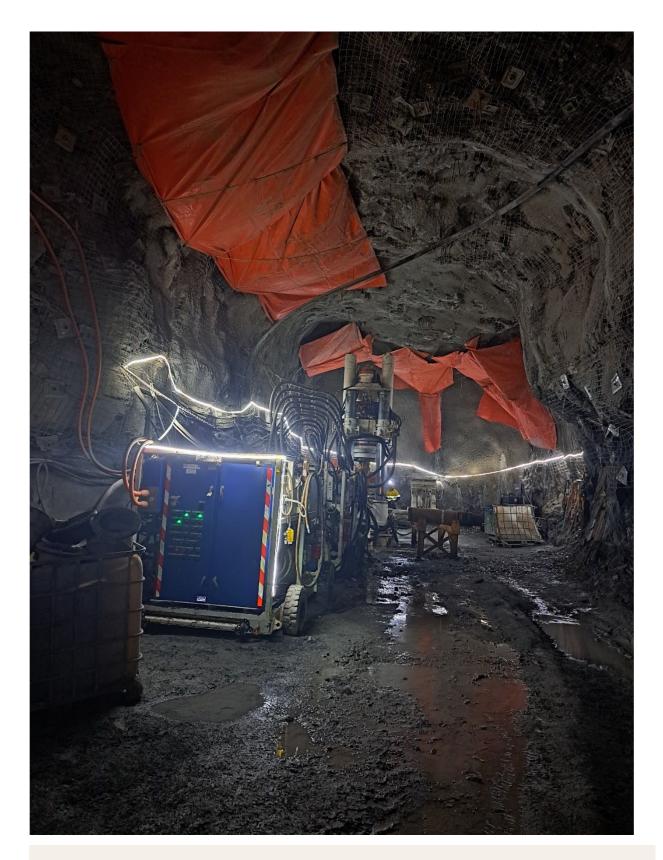


Figure 5 - Long-term ventilation infrastructure under development.

#### **Next Steps**

Westgold is continuing with its drill-out of the Bluebird – South Junction system.

Drilling from surface is continuing to extend the footprint of South Junction and Bluebird at depth and to the south along strike. These works are essential in not only defining the growing orebody, but also allowing for critical infrastructure placement to proceed with confidence. Drilling is also active in the underground environment, infilling the orebody to allow progressive Mineral Resource classification upgrades and to assist with mining execution.

These works will continue for the foreseeable future.

Additionally, planning works are underway to extend this drilling effort away from the immediate vicinity of the Bluebird – South Junction mine to proximal targets within close proximity of the Bluebird mill. The view is that opportunities such as Romsey (figure 7), Great Northern Highway and Ironbark (all within 2km of the Bluebird mill) may now be able to leverage the significant infrastructure and technical resourcing associated with the materially enlarged Bluebird – South Junction mining operation.

Importantly, this work will be resourced over and above currently planned drilling activities to ensure the rapid progress at Bluebird – South Junction is maintained.

In parallel, Westgold continues to optimise the Bluebird – South Junction mine plan. The current Ore Reserve has provided a significantly enlarged foundation on which to base operational plans. It has also provided a much larger footprint around which to tailor mine infrastructure solutions.

Westgold is confident that it can use this opportunity to further enhance its current transverse primary / secondary extraction sequence in South Junction. Results of this work will be communicated as they come to hand.

ENDS

#### This announcement is authorised for release to the ASX by the Board.

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# **Competent/Qualified Person Statements**

## **Exploration Results and Mineral Resource Estimates**

The information in this release that relates to Exploration results and Mineral Resource Estimates is compiled by Westgold technical employees and contractors under the supervision of Mr. Jake Russell B.Sc. (Hons), who is a member of the Australian Institute of Geoscientists and who has verified, reviewed and approved such information. Mr Russell is a full-time employee of the Company and has sufficient experience which is relevant to the styles of mineralisation and types of deposit under consideration and to the activities which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the "JORC Code") and as a Qualified Person as defined in the CIM Guidelines and National Instrument 43-101 – *Standards of Disclosure for Mineral Projects* ("NI 43-101"). Mr. Russell is an employee of the Company and, accordingly, is not independent for purposes of NI 43-101. Mr Russell consents to and approves the inclusion in this release of the matters based on his information in the form and context in which it appears. Mr Russell is eligible to participate in short- and long-term incentive plans of the company.

#### **Ore Reserves**

The information in this release that relates to Ore Reserve is based on information compiled by Mr. Leigh Devlin B.Eng. FAusIMM, who has verified, reviewed and approved such information. Mr. Devlin has sufficient experience which is relevant to the styles of mineralisation and types of deposit under consideration and to the activities which they are undertaking to qualify as a Competent Person as defined in the JORC Code and as a Qualified Person as defined in the CIM Guidelines and NI 43-101. Mr. Devlin is an employee of the Company and, accordingly, is not independent for purposes of NI 43-101. Mr. Devlin consents to and approves the inclusion in this release of the matters based on his information in the form and context in which it appears. Mr. Devlin is a full-time senior executive of the Company and is eligible to and may participate in short-term and long-term incentive plans of the Company as disclosed in its annual reports and disclosure documents.

#### General

Mineral Resources, Ore Reserve Estimates and Exploration Targets and Results are calculated in accordance with the JORC Code. The other technical and scientific information in this release has been prepared in accordance with the Canadian regulatory requirements set out in NI 43-101 and has been reviewed on behalf of the company by Qualified Persons, as set forth above.

This release contains references to estimates of Mineral Resources and Ore Reserves. The estimation of Mineral Resources is inherently uncertain and involves subjective judgments about many relevant factors. Mineral Resources that are not Ore Reserves do not have demonstrated economic viability. The accuracy of any such estimates is a function of the quantity and quality of available data, and of the assumptions made and judgments used in engineering and geological interpretation, which may prove to be unreliable and depend, to a certain extent, upon the analysis of drilling results and statistical inferences that may ultimately prove to be inaccurate. Mineral Resource estimates may require re-estimation based on, among other things: (i) fluctuations in the price of gold; (ii) results of drilling; (iii) results of metallurgical testing, process and other studies; (iv) changes to proposed mine plans; (v) the evaluation of mine plans subsequent to the date of any estimates; and (vi) the possible failure to receive required permits, approvals and licenses.

The key inputs and assumptions are provided in Appendix D to this release including Section 1 – Sampling Techniques and Data, Section 2 – Reporting of Exploration Results, Section 3 – Estimation and Reporting of Mineral Resources and Section 4 – Estimation and Reporting of Ore Reserves.

The NI 43-101 technical report supporting the Maiden Ore Reserve contained in this release will be filed on SEDAR+ within the next 45 days of the date of this release. Reference should be made to the full text of the technical report for the assumptions, qualifications and limitations relating thereto.

## **Forward looking statements**

These materials prepared by Westgold Resources Limited include forward looking statements. Often, but not always, forward looking statements can generally be identified by the use of forward looking words such as "may", "will", "expect", "intend", "believe", "forecast", "predict", "plan", "estimate", "anticipate", "continue", and "guidance", or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production outputs.

Forward looking statements inherently involve known and unknown risks, uncertainties and other factors that may cause the Company's actual results, performance and achievements to differ materially from any future results, performance or achievements. Relevant factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licenses and permits and diminishing quantities or grades of reserves, political and social risks, changes to the regulatory framework within which the Company operates or may in the future operate, environmental conditions including extreme weather conditions, recruitment and retention of personnel, industrial relations issues and litigation.

Forward looking statements are based on the Company and its management's good faith assumptions relating to the financial, market, regulatory and other relevant environments that will exist and affect the Company's business and operations in the future. The Company does not give any assurance that the assumptions on which forward looking statements are based will prove to be correct, or that the Company's business or operations will not be affected in any material manner by these or other factors not foreseen or foreseeable by the Company or management or beyond the Company's control.

Although the Company attempts and has attempted to identify factors that would cause actual actions, events or results to differ materially from those disclosed in forward looking statements, there may be other factors that could cause actual results, performance, achievements or events not to be as anticipated, estimated or intended, and many events are beyond the reasonable control of the Company. In addition, the Company's actual results could differ materially from those anticipated in these forward looking statements as a result of the factors outlined in the "Risk Factors" section of the Company's continuous disclosure filings available on SEDAR+ or the ASX, including, in the Company's current annual report, half year report or most recent management discussion and analysis.

Accordingly, readers are cautioned not to place undue reliance on forward looking statements. Forward looking statements in these materials speak only at the date of issue. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, in providing this information the Company does not undertake any obligation to publicly update or revise any of the forward-looking statements or to advise of any change in events, conditions or circumstances.

## **Appendix A - History of South Junction**

Mineralisation was discovered at South Junction in mid-1989 by St Barbara Mining. South Junction was subsequently mined as an open pit from June 1990 through to the early 2000's. Total gold production for the open pit phase of operation at South Junction was in excess of 400,000 ounces. However, since open pit mining concluded, activity at South Junction has effectively been dormant.

To the immediate north of South Junction, the Bluebird deposit has been mined at various stages. This mining was dominated by small scale underground mining operations and open pits until the turn of the century after which St Barbara, Mercator Gold and Reed Resources mined 485,000 ounces between 2000 – 2013 via substantial open pit operations.

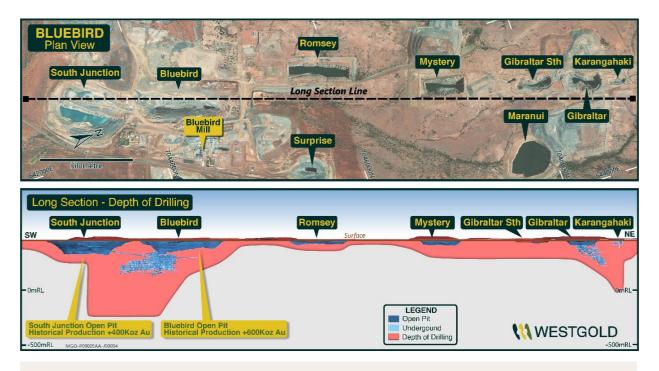


Figure 6 - Yaloginda gold camp is absent deep drilling outside of Bluebird – South Junction.

In late 2019, Westgold commenced underground operations at Bluebird which subsequently produced over 137koz of gold. This brings the total recorded Bluebird production to 784koz and the combined Bluebird – South Junction production to 1.18Moz. Combining this with the Mineral Resource remaining, Bluebird – South Junction is considered a +2Moz system.



## **Murchison Overview**

Westgold's Murchison Operations incorporates four underground mines, three processing plants and the Great Fingall development project near Cue. Westgold's Bluebird processing hub is the largest of our three Murchison processing hubs and is located approximately 15km southwest of Meekatharra (see Figure 5).

The Bluebird underground mine is the primary ore source feeding the 1.4-1.8Mtpa Bluebird processing plant. Surface stockpiles and supplementary ore from Cue is trucked to Bluebird to maintain processing throughputs, with these volumes planned to reduce as the Bluebird-South Junction mine expands.

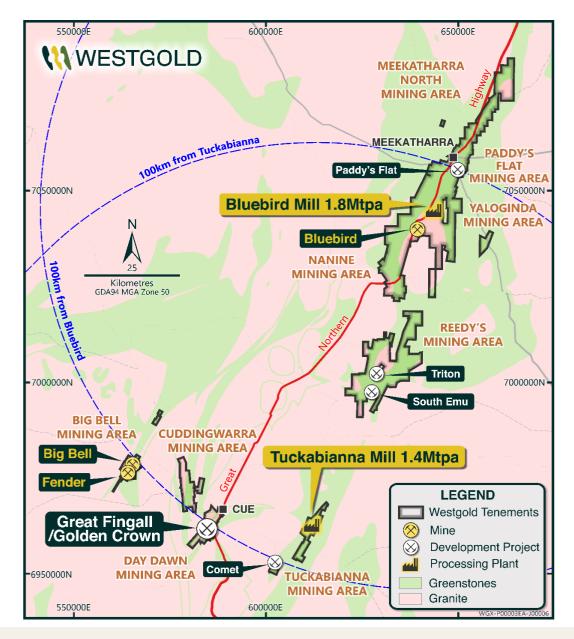


Figure 7 - Westgold's Murchison Asset Map.

## Appendix B - Background to the Ore Reserve

The Bluebird portion of Ore Reserve will be exploited via centre access retreat longhole open stoping. The South Junction portion of Ore Reserve will be exploited via a highly productive primary / secondary transverse stoping method with fill. The combination of these methods will enable the production rates of Bluebird – South Junction to increase to more than triple from the current rate of +30kt per month (refer ASX – Westgold March 2024 Quarterly Report) to rates of 100kt per month from Q3 FY25.

Modifying factors have been applied to the Bluebird - South Junction reserve stope shapes that best reflect the appropriate extraction approach in each area of the orebody. These have been built from a first principles basis based on geotechnical recommendations alongside orebody dimensions and geometry.

Parameter	Value	Comments
Mine Operating COG	2.1g/t	Assumes development complete
Full Costed COG	2.3g/t	Incorporates initial and sustaining capital
Stope Recovery	90%	Estimated based on size and dip
Stope Dilution	10%	Calculated based on geotechnical parameters
Development COG	1.0gt	Non-mining costs, assuming material hauled to surface

#### Table 4 - Modifying factors used for Bluebird - South Junction Ore Reserve.

Cut-off grades (COG) are based on realised cost profiles determined from the current Bluebird – South Junction mine and based on a gold price of \$3,200AUD/oz.

Processing recoveries used within the mine plan are indicative of those achieved at the Bluebird plant currently. As Bluebird is an operating mine, environmental, and other governmental approvals are currently in place.

Hole	Collar N	Collar E	Collar RL	Intercept (Downhole)	From (m)	Dip	Azi
24BLDD064	7,043,673	641,491	100	3.07m at 2.30g/t Au	15	-47	101
				1m at 6.37g/t Au	41		
				31.37m at 5.55g/t Au	122		
				15.5m at 4.62g/t Au	158		
24BLDD066	7,043,673	641,491	100	4.6m at 3.79g/t Au	21	-53	113
				22.8m at 1.25g/t Au	173		
				15.82m at 3.09g/t Au	210		
				18.9m at 3.65g/t Au	293		
24BLDD095	7,043,757	641,489	96	9.25m at 3.79g/t Au	122	-22	67
24SJDD021_W2	7043405	641939	467	5.79m at 2.39g/t Au	541.71	-65	294
				4.70m at 4.58g/t Au	550.3		
				20.94m at 6.74g/t Au	681.86		
				INC 4.68m at 16.48g/t Au	687		

# Appendix C - Previously announced drill results included in this release<sup>3</sup>

<sup>&</sup>lt;sup>3</sup> Refer to Westgold's Q2 FY24, Q3 FY24 and Q4 FY24 Quarterly Reports on ASX for full South Junction drill results

## Appendix D – JORC 2012 Table 1 – Gold Division

#### SECTION 1: SAMPLING TECHNIQUES AND DATA

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

Criteria	JORC Code Explanation	Commentary
Sampling techniques Drilling techniques Drill sample recovery	<ul> <li>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</li> <li>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamont dails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).</li> <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>Diamond Drilling</li> <li>A significant portion of the data used in resource calculations has been gathered from diamond core. Multiple sizes have been used historically. This core is geologically logged and subsequently halved for sampling. Grade control holes may be whole-cored to streamline the core handling process if required.</li> <li>Face Sampling</li> <li>At each of the major past and current underground producers, each development face / round is horizontally chip sampled. The sampling intervals are domained by geological constraints (e.g. roof type, veining and alteration / sulphidation etc.). The majority of exposures within the orebody are sampled.</li> <li>Studge Drilling</li> <li>Studge Drilling at is performed with an underground production drill rig. It is an open hole drilling method using water as the flushing medium, with a 64mm (nominal) hole diameter. Sample intervals are ostensibly the length of the drill steel. Holes are drilled at sufficient angles to allow flushing of the hole with water following each interval to prevent contamination. Sludge drilling is not used to inform resource models.</li> <li>RC Drilling</li> <li>Drill cuttings are extracted from the RC return via cyclone. The underflow from each interval is transferred via bucket to a four-tiered riffle splitter, delivering approximately three kilograms of the recovered material into calico bags for analysis. The residual material is retained on the ground near the hole. Composite samples are obtained from the residual material for initial analysis, with the split samples remaining with the individual residual piles until required for re-split analysis or eventual disposal.</li> <li>RAB / Aircore Drilling</li> <li>Combined scoops from bucket dumps from cyclone for composite. Split samples taken from individual bucket dumps via scoop. RAB holes are not included in the resource estimate.</li> <li>Blast Hole Drilling</li> <li>Cuttings sampled via splitter tray per individual</li></ul>

Criteria	JORC Code Explanation	Commentary
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>Westgold surface drill-holes are all orientated and have been logged in detail for geology, veining, alteration, mineralisation and orientated structure. Westgold underground drill-holes are logged in detail for geology, veining, alteration, mineralisation and structure. Core has been logged in enough detail to allow for the relevant mineral resource estimation techniques to be employed.</li> <li>Surface core is photographed both wet and dry and underground core is photographed wet. All photos are stored on the Company's servers, with the photographs from each hole contained within separate folders.</li> <li>Development faces are mapped geologically.</li> <li>RC, RAB and Aircore chips are geologically logged.</li> <li>Sludge drilling is logged for lithology, mineralisation and vein percentage.</li> <li>Logging is both qualitative and quantitative in nature.</li> <li>All holes are logged completely all faces are mapped completely.</li> </ul>
Sub-sampling techniques	If core, whether cut or sawn and whether quarter, half or all core	<ul> <li>All holes are logged completely, all faces are mapped completely.</li> <li>Blast holes -Sampled via splitter tray per individual drill rods.</li> </ul>
and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, had or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul> <li>Blast holes - Sampled via splitter tray per individual dritt rods.</li> <li>RAB / AC chips - Combined scoops from bucket dumps from cyclone for composite. Split samples taken from individual bucket dumps via scoop.</li> <li>RC - Three tier riffle splitter (approximately 5kg sample). Samples generally dry.</li> <li>Face Chips - Nominally chipped horizontally across the face from left to right, sub-set via geological features as appropriate.</li> <li>Diamond Drilling - Half-core niche samples, sub-set via geological features as appropriate. Grade control holes may be whole-cored to streamline the core handling process if required.</li> <li>Chips / core chips undergo total preparation.</li> <li>Samples undergo fine pulverisation of the entire sample by an LM5 type mill to achieve a 75µ product prior to splitting.</li> <li>QA/QC is currently ensured during the sub-sampling stages process via the use of the systems of an independent NATA / ISO accredited laboratory contractor. A significant portion of the historical informing data has been processed by in-house laboratories.</li> <li>The sample size is considered appropriate for the grain size of the material being sampled.</li> <li>The un-sampled half of diamond core is retained for check sampling if required. For RC chips regular field duplicates are collected and analysed for significant variance to primary results.</li> </ul>
Quality of assay data and	• The nature, quality and appropriateness of the assaying and	Recent sampling was analysed by fire assay as outlined below;
laboratory tests	<ul> <li>laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</li> </ul>	<ul> <li>A 40g - 50g sample undergoes fire assay lead collection followed by flame atomic adsorption spectrometry.</li> <li>The laboratory includes a minimum of 1 project standard with every 22 samples analysed.</li> <li>Quality control is ensured via the use of standards, blanks and duplicates.</li> <li>No significant QA/QC issues have arisen in recent drilling results.</li> <li>Photon Assay was introduced in 2023 for Beta Hunt grade control samples. PhotonAssay™ technology (Chrysos Corporation Limited) is a rapid, non-destructive analysis of gold and other elements in mineral samples. It is based on the principle of gamma activation, which uses high energy x-rays to excite changes to the nuclear structure of selected elements. The decay is then measured to give a gold analysis. Each sample is run through two cycles with a radiation time of 15s. This methodology is insensitive to material type and thus does not require fluxing chemicals as in the fire assay methodology. Highlights of the PhotonAssay™ process are as follows:</li> <li>The process is non-destructive; the same sample accuracy can be determined by repeat measurements of the same sample. In addition, the instrument runs a precision analysis for each sample relating to the instrument precision</li> </ul>

Criteria	JORC Code Explanation	Commentary
Marifia dia di amalia dan d		<ul> <li>The crushed material is not pulverised, as in the fire assay process; this ensures that gold is not smeared or lost during pulverisation (especially important if there is an expectation of visible gold that is being analysed)</li> <li>Historical drilling has used a combination of Fire Assay, Aqua Regia and PAL analysis.</li> <li>These assay methodologies are appropriate for the resources in question.</li> </ul>
Verification of sampling and assaying	<ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul> <li>No independent or alternative verifications are available.</li> <li>Virtual twinned holes have been drilled in several instances across all sites with no significant issues highlighted. Drillhole data is also routinely confirmed by development assay data in the operating environment.</li> <li>Primary data is collected utilising LogChief. The information is imported into a SQL database server and verified.</li> <li>All data used in the calculation of resources and reserves are compiled in databases (underground and open pit) which are overseen and validated by senior geologists.</li> <li>No adjustments have been made to any assay data.</li> </ul>
Location of data points	<ul> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul> <li>All data is spatially oriented by survey controls via direct pickups by the survey department. Drillholes are all surveyed downhole, deeper holes with a Gyro tool if required, the majority with single / multishot cameras.</li> <li>All drilling and resource estimation is preferentially undertaken in local mine grid at the various sites.</li> <li>Topographic control is generated from a combination of remote sensing methods and ground-based surveys. This methodology is adequate for the resources in question.</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>Data spacing is variable dependent upon the individual orebody under consideration. A lengthy history of mining has shown that this approach is appropriate for the Mineral Resource Estimation process and to allow for classification of the resources as they stand.</li> <li>Compositing is carried out based upon the modal sample length of each individual domain.</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>	<ul> <li>Drilling intersections are nominally designed to be normal to the orebody as far as underground infrastructure constraints / topography allows.</li> <li>Development sampling is nominally undertaken normal to the various orebodies.</li> <li>Where drilling angles are sub optimal the number of samples per drill hole used in the estimation has been limited to reduce any potential bias.</li> <li>It is not considered that drilling orientation has introduced an appreciable sampling bias.</li> </ul>
Sample security	The measures taken to ensure sample security.	<ul> <li>For samples assayed at on-site laboratory facilities, samples are delivered to the facility by Company staff. Upon delivery the responsibility for sample security and storage falls to the independent third-party operators of these facilities.</li> <li>For samples assayed off-site, samples are delivered to a third-party transport service, who in turn relay them to the independent laboratory contractor. Samples are stored securely until they leave site.</li> </ul>
Audits or reviews	• The results of any audits or reviews of sampling techniques and data	• Site generated resources and reserves and the parent geological data is routinely reviewed by the Westgold Corporate technical team.

#### **SECTION 2: REPORTING OF EXPLORATION RESULTS**

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

Criteria	JORC Code Explanation	Commentary
Criteria Mineral tenement and land tenure status	<ul> <li>JORC Code Explanation</li> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	<ul> <li>Commentary <ul> <li>Native title interests are recorded against several WGX tenements.</li> <li>The CMGP tenements are held by the Big Bell Gold Operations (BBGO) of which Westgold has 100% ownership.</li> <li>Several third-party royalties exist across various tenements at CMGP, over and above the state government royalty.</li> <li>The Fortnum Gold Project tenure is 100% owned by Westgold through subsidiary company Aragon Resources Pty. Ltd. Various Royalties apply to the package. The most pertinent being; <ul> <li>State Government – 2.5% NSR</li> </ul> </li> <li>Beta Hunt is owned by Westgold through a sub-lease agreement with St Ives Gold Mining Company Pty Ltd (SIGMC), which gives Westgold the right to explore and mine gold and nickel.</li> <li>Royalties on gold production from Beta Hunt are as follows: <ul> <li>A royalty to the state government equal to 2.5% of the royalty value of gold metal produced; and</li> <li>Royalties to third parties equal to 4.75% of recovered gold less allowable deductions.</li> </ul> </li> </ul></li></ul>
		<ul> <li>The Higginsville-Lakewood Operations include the Higginsville and Lakewood Mills and associated infrastructure, mining operations and exploration prospects which are located on 242 tenements owned by Westgold and covers approximately 1,800km2 total area.</li> <li>Royalties on the HGO gold production are as follows: <ul> <li>Production payments of up to 1% of gross gold revenue over various tenements to traditional land owners.</li> <li>Royalty equal to 2.5% of recovered gold to the Government of Western Australia; and</li> <li>Various third parties hold rights to receive royalties in respect of gold (and in some cases</li> </ul> </li> </ul>
		other minerals or metals) recovered from the tenements.  The tenure is currently in good standing  There are no known issues regarding security of tenure.  There are no known impediments to continued operation.  WGX operates in accordance with all environmental conditions set down as conditions for grant of the leases.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties	<ul> <li>The CMGP tenements have an exploration and production history in excess of 100 years.</li> <li>The FGP tenements have an exploration and production history in excess of 30 years.</li> <li>BH tenements have an exploration and production history in excess of 60 years.</li> <li>HGO tenements have an exploration and production history in excess of 40 years.</li> <li>Westgold work has generally confirmed the veracity of historic exploration data.</li> </ul>



Criteria	JORC Code Explanation	Commentary
Geology	Deposit type, geological setting and style of mineralisation.	вно
		• Beta Hunt is situated within the central portion of the Norseman-Wiluna greenstone belt in a sequence of mafic/ultramafic and felsic rocks on the southwest flank of the Kambalda Dome.
		• Gold mineralsation occurs mainly in subvertical shear zones in the Lunnon Basalt and is characterised by shear and extensional quartz veining within a halo of biotite/pyrite alteration. Within these shear zones, coarse gold sometimes occurs where the shear zones intersect iron-rich sulphidic metasediments in the Lunnon Basalt or nickel sulphides at the base of the Kambalda Komatiite (ultramafics). The mineralized shears are represented by A-Zone, Western Flanks, Larkin and Mason zones.
		CGO
		<ul> <li>CGO is located in the Achaean Murchison Province, a granite-greenstone terrane in the northwest of the Yilgarn Craton. Greenstone belts trending north-northeast are separated by granite-gneiss domes, with smaller granite plutons also present within or on the margins of the belts.</li> </ul>
		<ul> <li>Mineralisation at Big Bell is hosted in the shear zone (Mine Sequence) and is associated with the post-peak metamorphic retrograde assemblages. Stibnite, native antimony and trace arsenopyrite are disseminated through the K-feldspar-rich lode schist. These are intergrown with pyrite and pyrrhotite and chalcopyrite. Mineralisation outside the typical Big Bell host rocks (KPSH), for example 1,600N and Shocker, also display a very strong W-As-Sb geochemical halo.</li> </ul>
		<ul> <li>Numerous gold deposits occur within the Cuddingwarra Project area, the majority of which are hosted within the central mafic-ultramafic ± felsic porphyry sequence. Within this broad framework, mineralisation is shown to be spatially controlled by competency contrasts across, and flexures along, layer-parallel D2 shear zones, and is maximised when transected by corridors of northeast striking D3 faults and fractures.</li> </ul>
		<ul> <li>The Great Fingall Dolerite hosts the majority gold mineralisation within the portion of the greenstone belt proximal to Cue (The Day Dawn Project Area). Unit AGF3 is the most brittle of all the five units and this characteristic is responsible for its role as the most favourable lithological host to gold mineralisation in the Greenstone Belt.</li> </ul>
		• The Fortnum deposits are Paleoproterozoic shear-hosted gold deposits within the Fortnum Wedge, a localised thrust duplex of Narracoota Formation within the overlying Ravelstone Formation. Both stratigraphic formations comprise part of the Bryah Basin in the Capricorn Orogen, Western Australia.
		• The Horseshoe Cassidy deposits are hosted within the Ravelstone Formation (siltstone and argillite) and Narracoota Formation (highly altered, moderate to strongly deformed mafic to ultramafic rocks). The main zone of mineralisation is developed within a horizon of highly altered magnesian basalt. Gold mineralisation is associated with strong vein stock works that are confined to the altered mafic. Alteration consists of two types: stockwork proximal silica-carbonate-fuchsite-haematite-pyrite and distal silica-haematite-carbonate+/-chlorite.
		• The Peak Hill district represents remnants of a Proterozoic fold belt comprising highly deformed trough and shelf sediments and mafic / ultramafic volcanics, which are generally moderately metamorphosed (except for the Peak Hill Metamorphic Suite).

Criteria	JORC Code Explanation	Commentary
		HGO
Criteria	JORC Code Explanation	<ul> <li>HGO</li> <li>The Higginsville Gold Operation is located in the Eastern Goldfields Superterrane of the Archean Yilgarn Craton. The bulk of the Higginsville tenement package is located almost entirely within the well-mineralised Kalgorlie Terrane, between the gold mining centres of Norseman and St lves. HGO can be sub-divided into seven major geological domains: Trident Line of Lode, Chalice, Lake Cowan, Southern Paleo-channels, Mt Henry, Polar Bear Group and Spargos Project area.</li> <li>Majority of mineralisation along the Trident Line of Lode are hosted within the Poseidon gabbro and high-MgO dyke complexes in the south. The Poseidon Gabbro is a thick, weakly-differentiated gabbroic sill, which strikes north-south and dips 60° to the east, is over 500 m thick and 2.5 km long. The mineralisation is hosted within or marginal to quartz veining and is structurally and lithologically controlled.</li> <li>The Chalice Deposit is located within a north-south trending, 2 km to 3 km wide greenstone terrane, flanked on the west calc-alkaline granitic rocks of the Boorabin Batholith and to the east by the Pioneer Dome Batholith. The dominant unit that hosts gold mineralisation is a fine grained, weak to strongly foliated amphibole-plagioclase amphibolite, with a typically lepidoblastic (mineralogically aligned and banded) texture. It is west-dipping and generally steep, approximately 60° to 75°.</li> <li>The Lake Cowan project area is situated near the centre of a regional anticline between the Zuleika and Lefroy faults, with the local geology of the area made more complex by the intrusion of the massive Proterozoic Binneringie dyke. The majority of mineralisation at the Lake Cowan Mining Centre is hosted within an enclave of Archaean material surrounded by the Binneringie dyke.</li> <li>Mineralised zones within the Southern Paleo Channels network comprise both placer gold, normally near the base of the channel-fill sequences, and chemically-precipitated secondary gold within the channel-fill sequences, and chem</li></ul>

Criteria	JORC Code Explanation	Commentary
		The Spargos Project occurs within Coolgardie Domain of the Kalgoorlie Terrane. The area is bounded by the Zuleika Shear to the east and the Kunanalling Shear to the west. The geological setting comprises tightly-folded north-south striking ultramafic and mafic volcanic rocks at the northern closure Widgiemooltha Dome. The project lies on the general trend of the Kunanalling / Karramindie Shear corridor, a regional shear zone that hosts significant mineralisation to the north at Ghost Crab (Mount Marion), Wattle Dam to the south, the Penfolds group and Kunanalling. The regional prospective Zuleika Shear lies to the east of the project. The tenements are prospective for vein and shear hosted gold deposits as demonstrated by Spargos Reward and numerous other gold workings and occurrences. Gold mineralisation at Spargos Reward is hosted by a coarse-grained pyrite-arsenopyrite lode in quartz-sericite schists, between strongly biotitic altered greywacke to the east and quartz-sericite-fuchsite-pyrite altered felsic tuff to the west. Gold mineralisation is associated with very little quartz veining which is atypical for many deposits in region. The Spargos Reward setting has been described variously as a low-quartz sulphidic mesothermal gold system or as a Hemlo style syn-sedimentary occurrence.
		MGO
		• MGO is located in the Achaean Murchison Province, a granite-greenstone terrane in the northwest of the Yilgarn Craton. Greenstone belts trending north-northeast are separated by granite-gneiss domes, with smaller granite plutons also present within or on the margins of the belts.
		<ul> <li>The Paddy's Flat area is located on the western limb of a regional fold, the Polelle Syn- cline, within a sequence of mafic to ultramafic volcanics with minor interflow sediments and banded iron-formation. The sequence has also been intruded by felsic porphyry dykes prior to mineralisation. Mineralisation is located along four sub-parallel trends at Paddy's Flat which can be summarized as containing three dominant mineralisation styles:         <ul> <li>Sulphide replacement BIF hosted gold. Quartz vein hosted shear-related gold.</li> <li>Quartz-carbonate-sulphide stockwork vein and alteration related gold.</li> </ul> </li> </ul>
		• The Yaloginda area which host Bluebird – South Junction, is a gold-bearing Archaean greenstone belt situated ~15km south of Meekatharra. The deposits in the area are hosted in a strained and metamorphosed volcanic sequence that consists primarily of ultramafic and high-magnesium basalt with minor komatiite, peridotite, gabbro, tholeiitic basalt and interflow sediments. The sequence was intruded by a variety of felsic porphyry and intermediate sills and dykes.
		• The Reedy's mining district is located approximately 15 km to the south-east to Meekatharra and to the south of Lake Annean. The Reedy gold deposits occur with- in a north-south trending greenstone belt, two to five kilometres wide, composed of volcano-sedimentary sequences and separated multiphase syn- and post-tectonic granitoid complexes. Structurally controlled the gold occur.
Drill hole Information	<ul> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:         <ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> </ul>	<ul> <li>Tables containing drillhole collar, downhole survey and intersection data are included in the body of the announcement.</li> <li>No explorations results are being reported for Beta Hunt and Higginsville Operations.</li> </ul>



Criteria	JORC Code Explanation	Commentary
	<ul> <li>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.</li> </ul>	
Data aggregation methods	<ul> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g., cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul> <li>All results presented are length weighted.</li> <li>No high-grade cuts are used.</li> <li>Reported results contain no more than two contiguous metres of internal dilution below 0.5g/t. For Beta Hunt, a cut off of 1 g/t Au with maximum internal waste of 2m is used to define significant intercepts.</li> <li>Results are reported above a variety of gram / metre cut-offs dependent upon the nature of the hole. These are cut-offs are clearly stated in the relevant tables.</li> <li>Unless indicated to the contrary, all results reported are downhole width.</li> <li>Given restricted access in the underground environment the majority of drillhole intersections are not normal to the orebody.</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g., 'down hole length, true width not known').</li> </ul>	<ul> <li>Unless indicated to the contrary, all results reported are downhole width.</li> <li>Given restricted access in the underground environment the majority of drillhole intersections are not normal to the orebody.</li> </ul>
Diagrams	<ul> <li>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.</li> </ul>	Appropriate diagrams are provided in the body of the release if required.
Balanced reporting	<ul> <li>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.</li> </ul>	Appropriate balance in exploration results reporting is provided.
Other substantive exploration data	<ul> <li>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.</li> </ul>	There is no other substantive exploration data associated with this release.
Further work	<ul> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	Ongoing surface and underground exploration activities will be undertaken to support continuing mining activities at Westgold Gold Operations.

#### SECTION 3: ESTIMATION AND REPORTING OF MINERAL RESOURCES

Criteria	JORC Code Explanation	Commentary
Database integrity	• Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and	• The database used for the estimation was extracted from the Westgold's DataShed database management system stored on a secure SQL server.
	<ul> <li>its use for Mineral Resource estimation purposes.</li> <li>Data validation procedures used.</li> </ul>	• As new data is acquired it passes through a validation approval system designed to pick up any significant errors before the information is loaded into the master database.
Site visits	Comment on any site visits undertaken by the Competent Person and the outcome of those visits.	Mr. Russell visits Westgold Gold Operations regularly.
	If no site visits have been undertaken indicate why this is the case.	
Geological interpretation	• Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.	• Mining in the Murchison and Goldfields districts has occurred since 1800's providing significant confidence in the currently geological interpretation across all projects.
	<ul> <li>Nature of the data used and of any assumptions made.</li> <li>The effect, if any, of alternative interpretations on Mineral Resource estimation.</li> <li>The use of geology in guiding and controlling Mineral Resource</li> </ul>	• Confidence in the geological interpretation is high. The current geological interpretation has been a precursor to successful mining over the years and forms the basis for the long-term life of mine plan (LOM). The data and assumptions used do suggest that any significant alternative geological interpretation is unlikely.
	<ul> <li>The use of geology in guiding and contouring innerat resource estimation.</li> <li>The factors affecting continuity both of grade and geology.</li> </ul>	• Geology (lithological units, alterations, structure, veining) have been used to guide and control Mineral Resource estimation .
	The functions are contained to the first of grade and goodegy.	No alternative interpretations are currently considered viable.
		Geological interpretation of the deposit was carried out using a systematic approach to     ensure that the resultant estimated Mineral Resource figure was both sufficiently     constrained, and representative of the expected sub-surface conditions. In all aspects of     resource estimation the factual and interpreted geology was used to guide the development     of the interpretation.
		Geological matrixes were established to assist with interpretation and construction of the estimation domains.
		• The structural regime is the dominant control on geological and grade continuity in the Murchison and Goldfields. Lithological factors such as rheology contrast are secondary controls on grade distribution.
		Low-grade stockpiles are derived from previous mining of the mineralisation styles outlined above.
Dimensions	• The extent and variability of the Mineral Resource expressed as length	вно
	(along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the ineral Resource.	• A-Zone extends over 2.2km strike length and is modelled to a vertical depth of 960m. It has variable thickness from 2m to 20m thick.
		• Western Flanks has a strike extent of 1.8km and is modelled to a vertical extent of 450m, with average thickness of the shear around 10m.
		• Larkin extends over 1.1km in strike length and is modelled to 400m vertical extent, with variable thickness ranging from 2m to 15m thick.
		• Mason has a strike extent of 1.1km and is modelled to 455m vertical extent with variable thickness between 7 to 15m.

(Criteria listed in section 1, and where relevant in section 2, also apply to this section.)

Criteria	JORC Code Explanation	Commentary
		CGO
		• The Big Bell Trend is mineralised a strike length of >3,900m, a lateral extent of up +50m and a depth of over 1,500m.
		• Great Fingall is mineralised a strike length of >500m, a lateral extent of >600m and a depth of over 800m.
		• Black Swan South is mineralised a strike length of >1,700m, a lateral extent of up +75m and a depth of over 300m.
		FGP
		• The Yarlarweelor mineral resource extends over 1,400m in strike length, 570m in lateral extent and 190m in depth.
		• The Tom's and Sam's mineral resource extends over 650m in strike length, 400m in lateral extent and 130m in depth.
		• The Eldorado mineral resource extends over 240m in strike length, 100m in lateral extent and 100m in depth.
		HGO
		• Trident, Fairplay, Vine and Two Boy's deposits form the Line of Lode system and extends over 5km of strike.
		• Chalice mineralisation has been defined over a strike length of 700m, a lateral extent of 200m and a depth of 650m.
		• The Pioneer resource area extends over a strike length of 860m from 6,474,900mN to 6,475,760mN. The multiple NS striking parallel lodes occur within a narrow EW extent of 190m from 374,970mE to 375,160mE. Mineralisation has been modelled from surface at 291mRL to a vertical depth 208m to the 83mRL.
		• Southern paleochannels gold mineralisation is interpreted to have a strike length around 4km and is predominantly flat lying.
		• The Wills deposit extends over 900m in a ENE-WSW direction and is up to 200m wide. Pluto is confirmed between sections 6,480,100mN and 6,481,800mN. Nanook is confirmed between sections 6,469,300mN and 6,472,500mN.
		• Lake Cowan: Atreides mineralisation is contained within flat lying lodes located within the weathered zone. The mineralision strike extents vary between 100m to 300m long, with an average thickness of 2 to 3 m thick. Josephine has a strike length greater than 450m and >10m across strike and modelled to >90m at depth. Louis has a strike extent of 310m long and is interpreted to a depth of 170m below surface. Napoleon: ~220m strike and up to ~90m (individual mineralised lodes maximum of 12m) across strike to an interpreted depth of ~80m m below surface. Rose's dimension is 150m x 120m (X, Y), to an interpreted depth of +20-25m below surface.
		<ul> <li>The Spargos resource area extends over a strike length of 330m from 6,542,980mN to 6,543,310mN. The parallel lodes occur within a narrow EW extent of 95m from 354,120mE to 354,215mE. Mineralisation has been modelled from surface at 425mRL to a vertical depth 525m to -100mRL.</li> </ul>

Criteria	JORC Code Explanation	Commentary
		MGO
		• The Paddy's Flat Trend is mineralised a strike length of >3,900m, a lateral extent of up +230m and a depth of over 500m.
		• Bluebird – South Junction is mineralised a strike length of >1,800m, a lateral extent of up +50m and a depth of over 500m.
		• Triton – South Emu is mineralised a strike length of >1,100m, a lateral extent of several metres and a depth of over 500m.
		STOCKPILES
		• Low-grade stockpiles are of various dimensions. All modelling and estimation work undertaken by Westgold is carried out in three dimensions via Surpac Vision.
Estimation and modelling techniques.	<ul> <li>The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters, maximum distance of extrapolation from data points.</li> <li>The availability of check estimates, previous estimates and/or mine</li> </ul>	• After validating the drillhole data to be used in the estimation, interpretation of the orebody is undertaken in sectional and / or plan view to create the outline strings which form the basis of the three-dimensional orebody wireframe. Wireframing is then carried out using a combination of automated stitching algorithms and manual triangulation to create an accurate three-dimensional representation of the sub-surface mineralised body.
<ul> <li>In a dramatic of orient activity of orient activity products and on this production records and whether the Mineral Resource estimate take appropriate account of such data.</li> <li>The assumptions made regarding recovery of by-products.</li> <li>Estimation of deleterious elements or other non-grade variables of economic significance (e.g. sulphur for acid mine drainage characterisation).</li> <li>In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.</li> <li>Any assumptions behind modelling of selective mining units.</li> <li>Any assumptions about correlation between variables.</li> <li>The process of validation, the checking process used, the comparison</li> </ul>	<ul> <li>production records and whether the Mineral Resource estimate takes appropriate account of such data.</li> <li>The assumptions made regarding recovery of by-products.</li> <li>Estimation of deleterious elements or other non-grade variables of</li> </ul>	• Drillhole intersections within the mineralised body are defined, these intersections are then used to flag the appropriate sections of the drillhole database tables for compositing purposes. Drillholes are subsequently composited to allow for grade estimation. In all aspects of resource estimation, the factual and interpreted geology was used to guide the development of the interpretation.
	<ul> <li>characterisation).</li> <li>In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.</li> </ul>	Once the sample data has been composited, a statistical analysis is undertaken to assist with determining estimation search parameters, top-cuts etc. Variographic analysis of individual domains is undertaken to assist with determining appropriate search parameters. Which are then incorporated with observed geological and geometrical features to determine the most appropriate search parameters.
	• The process of validation, the checking process used, the comparison of model data to drillhole data, and use of reconciliation data if	• An empty block model is then created for the area of interest. This model contains attributes set at background values for the various elements of interest as well as density, and various estimation parameters that are subsequently used to assist in resource categorisation. The block sizes used in the model will vary depending on orebody geometry, minimum mining units, estimation parameters and levels of informing data available.
		Grade estimation is then undertaken, with ordinary kriging estimation method is considered as standard, although in some circumstances where sample populations are small, or domains are unable to be accurately defined, inverse distance weighting estimation techniques will be used. For very minor lodes, the respective median or average grade is assigned. Both by-product and deleterious elements are estimated at the time of primary grade estimation if required. It is assumed that by- products correlate well with gold. There are no assumptions made about the recovery of by-products. At Starlight the distribution of gold grades within the mineralised lodes is highly variable and is characterised by cohesive regions of higher tenor gold grades, with clusters of individual values often reaching over eighty grams per tonne. Whilst these higher-grade zones appear reasonably cohesive, they are manifested by a high-degree of short-scale variability, making difficult to manually interpret constraining domains. These internal; high-grade regions are often surrounded by peripheral regions of lower grade mineralisation that is also highly variable. The moderate to high grade variability and complex spatial continuity supports the use of Categorical Indicator Kriging (CIK) to define internal estimation sub-domains domains, together with

Criteria	JORC Code Explanation	Commentary
		grade and extreme grade values during grade interpolation.
		The resource is then depleted for mining voids and subsequently classified in line with JORC guidelines utilising a combination of various estimation derived parameters and geological / mining knowledge.
		• This approach has proven to be applicable to Westgold's gold assets.
		• Estimation results are routinely validated against primary input data, previous estimates and mining output.
		• Good reconciliation between mine claimed figures and milled figures are routinely achieved during production.
Moisture	• Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.	Tonnage estimates are dry tonnes.
Cut-off parameters	• The basis of the adopted cut-off grade(s) or quality parameters applied.	• The cut off grades used for the reporting of the Mineral Resources have been selected based on the style of mineralisation, depth from surface of the mineralisation and the most probable extraction technique and associated costs.
Mining factors or assumptions	• Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.	<ul> <li>Variable by deposit.</li> <li>No mining dilution or ore loss has been modelled in the resource model or applied to the reported Mineral Resource.</li> </ul>
Metallurgical factors or assumptions	• The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.	Not considered for Mineral Resource. Applied during the Reserve generation process.
Environmental factors or assumptions	• Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.	Westgold operates in accordance with all environmental conditions set down as conditions for grant of the respective leases.
Bulk density	• Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.	<ul> <li>Bulk density of the mineralisation is variable and is for the most part lithology and oxidation rather than mineralisation dependent.</li> <li>A large suite of bulk density determinations has been carried out across the project areas. The bulk densities were separated into different weathering domains and lithological domains</li> </ul>

Criteria	JORC Code Explanation	Commentary
	<ul> <li>The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc.), moisture and differences between rock and alteration zones within the deposit.</li> <li>Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.</li> </ul>	A significant past mining history has validated the assumptions made surrounding bulk density.
Classification	<ul> <li>The basis for the classification of the Mineral Resources into varying confidence categories.</li> <li>Whether appropriate account has been taken of all relevant factors (i.e. relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).</li> <li>Whether the result appropriately reflects the Competent Person's view of the deposit.</li> </ul>	<ul> <li>Resources are classified in line with JORC guidelines utilising a combination of various estimation derived parameters, input data and geological / mining knowledge.</li> <li>Drillhole spacing to support classification varies based upon lode characteristics. Measured ranges from 15-35m, Indicated from 10-180m and Inferred from 10-200m.</li> <li>This approach considers all relevant factors and reflects the Competent Person's view of the deposit</li> </ul>
Audits or reviews	• The results of any audits or reviews of Mineral Resource estimates.	<ul> <li>Resource estimates are peer reviewed by the Corporate technical team.</li> <li>No external reviews have been undertaken.</li> </ul>
Discussion of relative accuracy/ confidence	<ul> <li>Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.</li> <li>The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.</li> <li>These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.</li> </ul>	<ul> <li>All currently reported resource estimates are considered robust, and representative on both a global and local scale.</li> <li>A continuing history of mining with good reconciliation of mine claimed to mill recovered provides confidence in the accuracy of the estimates.</li> </ul>

#### SECTION 4: ESTIMATION AND REPORTING OF ORE RESERVES

Criteria	JORC Code Explanation	Commentary
Mineral Resource estimate for conversion to Ore Reserves	<ul> <li>Description of the Mineral Resource estimate used as a basis for the conversion to an Ore Reserve.</li> <li>Clear statement as to whether the Mineral Resources are reported additional to, or inclusive of, the Ore Reserves.</li> </ul>	<ul> <li>At all Operations the Ore Reserve is based on the corresponding reported Mineral Resource estimate.</li> <li>Mineral Resources reported are inclusive of those Mineral Resources modified to produce the Ore Reserve estimate.</li> <li>At all projects, all Mineral Resources that have been converted to Ore Reserve are classified as either an Indicated or Measured material.</li> </ul>
Site visits	<ul> <li>Comment on any site visits undertaken by the Competent Person and the outcome of those visits.</li> <li>If no site visits have been undertaken indicate why this is the case.</li> </ul>	• Mr. Leigh Devlin has over 10 years' experience in the mining industry. Mr. Devlin visits the mine sites on a regular basis and is one of the primary engineers involved in mine planning, site infrastructure and project management.
Study status	<ul> <li>The type and level of study undertaken to enable Mineral Resources to be converted to Ore Reserves.</li> <li>The Code requires that a study to at least Pre-Feasibility Study level has been undertaken to convert Mineral Resources to Ore Reserves. Such studies will have been carried out and will have determined a mine plan that is technically achievable and economically viable, and that material Modifying Factors have been considered</li> </ul>	<ul> <li>production occurring throughout 1800's, 1900's and 2000's. Processing at the Goldfields operations has occurred intermittently since the 1980's and continuously since 2008 at Higginsville.</li> <li>Various mineralisation styles and host domains have been mined since discovery. Mining discrete the submatrix former and former and the thread institute unformer and structure to submatrix.</li> </ul>
Cut-off parameters	The basis of the cut-off grade(s) or quality parameters applied.	<ul> <li>Underground Mines - Cut off grades are used to determine the economic viability of the convertible Resource. COG for underground mines incorporate OPEX development and production costs, grade control, haulage, milling, administration, along with state and private royalty conditions, Where an individual mine has different mining methods and or various orebody style, COG calculations are determined for each division. These cuts are applied to production shapes (stopes) as well as high grade development. Additionally, an incremental COG is applied to low grade development, whereby access to a high grade area is required.</li> <li>On the basis of above process, the COG is split into Mine Operating COG (incremental grade) 2.1gt and Fully Costed COG (inclusive of capital) 2.3gt.</li> <li>Open Pit Mines - The pit rim cut-off grade (COG) was determined as part of the Ore Reserve estimation. The pit rim COG accounts for grade control, haulage, milling, administration, along with state and private royalty conditions. This cost profile is equated against the value of the mining block in terms of recovered metal and the expected selling price. The COG is then used to determine whether or not a mining block should be delivered to the treatment plant for processing, stockpiled as low- grade or taken to the waste dump.</li> <li>On the basis of above process, COGs for the open pit mines range from 0.8g/t (whereby the Mill is local to Resources and Mill recoveries are greater than 90%) to 1.4g/t (regional pits with low Mill recoveries).</li> </ul>

(Criteria listed in section 1, and where relevant in sections 2 and 3, also apply to this section.)

Criteria	JORC Code Explanation	Commentary
		<ul> <li>Stockpile COG – A marginal grade was determined for each stockpile inventory to ensure it was economically viable. The COG accounts for haulage, milling, administration, along with state and private royalty conditions. Each pile honoured its Mill recovery percentage.</li> </ul>
Mining factors or assumptions	<ul> <li>The method and assumptions used as reported in the Pre-Feasibility or Feasibility Study to convert the Mineral Resource to an Ore Reserve (i.e. either by application of appropriate factors by optimisation or by preliminary or detailed design).</li> <li>The choice, nature and appropriateness of the selected mining method(s) and other mining parameters including associated design issues such as pre-strip, access, etc.</li> <li>The assumptions made regarding geotechnical parameters (e.g. pit slopes, stope sizes, etc.), grade control and pre-production drilling.</li> <li>The major assumptions made and Mineral Resource model used for pit and stope optimisation (if appropriate).</li> <li>The mining dilution factors used.</li> <li>Any minimum mining widths used.</li> <li>The manorer in which Inferred Mineral Resources are utilised in mining studies and the sensitivity of the outcome to their inclusion.</li> <li>The infrastructure requirements of the selected mining methods.</li> </ul>	<ul> <li>All Ore Reserve inventories are based upon detailed 3-dimensional designs to ensure practical mining conditions are met. Additionally, all Ore Reserve inventories are above the mine specific COG(s) as well as containing only Measured and Indicated material. Depending upon the mining method – modifying factors are used to address hydrological, geotechnical, minimum width and blasting conditions.</li> <li>Open Pit Methodology</li> <li>Following consideration of the various modifying factors the following rules were applied to the reserve estimation process for the conversion of measured and indicated resource to reserve for suitable evaluation.</li> <li>The mining shape in the reserve estimation is generated by a wireframe (geology interpretation of the ore zone) which overlays the block model. Where the wire frame cuts the primary block, sub blocks fill out the remaining space to the wire frame boundary (effectively the mining shape). It is reasonable to assume that the mining method can selectively mine to the wire frame boundary with the additional dilution provision stated below.</li> <li>Ore Reserves are based on Pit shape designs – with appropriate modifications to the original Whittle Shell outlines to ensure compliance with practical mining parameters.</li> <li>Geotechnical parameters aligned to the Open Pit Ore Reserves are either based on observed existing pit shape specifics or domain specific expectations / assumptions. Various geotechnical reports and retrospective reconciliations were considered in the design parameters. Amojority of the open pits have a final design wall angle of 39-46 degrees, which is seen as conservative.</li> <li>Dilution of the ore through the mining process has been accounted for within the Ore Reserve quoted inventory. Various dilution ratios are used to represent the style of mineralisation. Where continuous, consistent ore boundaries and grade represent the style of mineralisation. Where continuous, consistent ore boundaries and grade r</li></ul>

Criteria	JORC Code Explanation	Commentary
		Underground Methodology
		<ul> <li>All Underground Reserves are based on 3D design strings and polygon derived stope shapes following the Measured and Indicated Resource (in areas above the Mine Operating COG). A complete mine schedule is then derived from this design to create a LOM plan. and financial analysis.</li> </ul>
		• At Bluebird a mixture of narrow-vein Longhole open stoping is used, whilst in South Junction it is determine due to the size and geometry of the orebody that a bulk method will be employed.
		• Mining heights and widths are based on first principles and standardised mining methods employed widely throughout Western Australia.
		• Geotechnical evaluations have been used in determining the size and filling methodologies across both Bluebird and South Junction. Subsequent costs associated with these methods have been included within the study and budgeting formats.
		In large disseminated orebodies sub level caving, sub level open stoping or single level bench stoping production methodologies are used.
		<ul> <li>In narrow vein laminated quartz hosted domains a conservative narrow bench style mining method is used.</li> </ul>
		<ul> <li>In narrow flat dipping deposits, a Flat Long Hole process is adopted (with fillets in the footwall for rill angle) and or jumbo stoping.</li> </ul>
		<ul> <li>Stope shape parameters have been based on historical data (where possible) or expected stable hydraulic radius dimensions.</li> </ul>
		<ul> <li>Stope inventories have been determined by cutting the geological wireframe at above the area specific COG and applying mining dilution and ore loss factors. The ore loss ratio accounts for pillar locations between the stopes (not operational ore loss) whilst dilution allows for conversion of the geological wireframe into a minable shape (Planned dilution) as well as hangingwall relaxation and blasting overbreak (unplanned dilution).</li> </ul>
		• Depending upon the style of mineralisation, sub level interval, blasthole diameters used and if secondary support is installed, total dilution ranges from 10 to 35%.
		• Minimum mining widths have been applied in the various mining methods. The only production style relevant to this constraint is 'narrow stoping' – where the minimum width is set at 1.5m in a 17.0m sub level interval.
		<ul> <li>Mining operational recovery for the underground mines is set at 85-100% due to the use of remote loading units as well as paste filling activities. Mining recovery is not inclusive of pillar loss – insitu mineralised material between adjacent stope panels.</li> </ul>
		• Stope shape dimensions vary between the various methods. Default hydraulic radii are applied to each method and are derived either from historical production or geotechnical reports / recommendations. Where no data or exposure is available conservative HR values are used based on the contact domain type.
		<ul> <li>Mining sequence is included in the mine scheduling process for determining the economic evaluation and takes into account available operating time and mining equipment size and performance.</li> </ul>
Metallurgical factors or assumptions	• The metallurgical process proposed and the appropriateness of that process to the style of mineralisation.	<ul> <li>BHO</li> <li>A long history of processing through several CIL processing existing facilities demonstrates the</li> </ul>
	Whether the metallurgical process is well-tested technology or novel in nature.	<ul> <li>appropriateness of the process to the styles of mineralisation considered.</li> <li>No deleterious elements are considered, the long history of processing has shown this to be</li> </ul>
	• The nature, amount and representativeness of metallurgical test work	<ul> <li>No deleterious elements are considered, the long history of processing has shown this to be not a material concern.</li> </ul>
	undertaken, the nature of the metallurgical domaining applied and the corresponding metallurgical recovery factors applied.	CGO
		CGO has an existing conventional CIL processing plant.

Criteria	JORC Code Explanation	Commentary
	<ul> <li>Any assumptions or allowances made for deleterious elements.</li> <li>The existence of any bulk sample or pilot scale test work and the degree to which such samples are considered representative of the</li> </ul>	<ul> <li>The plant has a nameplate capacity of 1.4Mtpa though this can be varied between 1.2- 1.6Mtpa pending rosters and material type.</li> <li>Gold extraction is achieved using two staged crushing, ball milling with gravity concentration</li> </ul>
	orebody as a whole.	and Carbon in Leach.
	• For minerals that are defined by a specification, has the ore reserve estimation been based on the appropriate mineralogy to meet the specifications?	• Despite CGO having a newly commissioned processing plant (2012/13 and subsequently restarted in 2018) a high portion of the Reserve mill feed have extensive data when processed at other plants in the past 2-3 decades. This long history of processing demonstrates the appropriateness of the process to the styles of mineralisation considered.
		• No deleterious elements are considered, as a long history of processing has shown this to be not a material concern.
		• For the Reserve, Plant recoveries of 80-93% have been utilised.
		FGO
		<ul> <li>FGO has an existing conventional CIL processing plant – which has been operational in various periods since the late 1980's. The plant has a nameplate capacity of 1.0Mtpa though this can be varied between 0.8-1.2Mtpa pending rosters and material type.</li> </ul>
		• An extensive database of historical CIL recoveries as well as detailed metallurgical test work is available for the various deposits, and these have been incorporated into the COG analysis and financial models.
		• For the Reserve, Plant recoveries of 93-95% have been utilised.
		ндо
		Gold extraction is achieved using staged crushing, ball milling with gravity concentration and Carbon in Leach. The Higginsville plant has operated since 2008.
		Treatment of ore is via conventional gravity recovery / intensive cyanidation and CIL is applied     as industry standard technology.
		• Additional test-work is instigated where notable changes to geology and mineralogy are identified. Small scale batch leach tests on primary Louis ore have indicated lower recoveries (80%) associated with finer gold and sulphide mineralisation.
		• There have been no major examples of deleterious elements affecting gold extraction levels or bullion quality. Some minor variations in sulphide mineralogy have had short-term impacts on reagent consumptions.
		No bulk sample testing is required whilst geology/mineralogy is consistent based on treatment plant performance.
		MGO
		MGO has an existing conventional CIL processing plant – which has been operational in various periods since the late 1980's.
		<ul> <li>The plant has a nameplate capacity of 1.6Mtpa though this can be varied between 1.2- 1.8Mtpa pending rosters and material type.</li> </ul>
		• Gold extraction is achieved using single stage crushing, SAG & ball milling with gravity concentration and Carbon in Leach.
		• A long history of processing through the existing facility demonstrates the appropriateness of the process to the styles of mineralisation considered.
		• No deleterious elements are considered, as a long history of processing has shown this to be not a material concern.
		For the Reserve, Plant recoveries of 85-92% have been utilised.

Criteria	JORC Code Explanation	Commentary
Environmental	<ul> <li>The status of studies of potential environmental impacts of the mining and processing operation. Details of waste rock characterisation and the consideration of potential sites, status of design options considered and, where applicable, the status of approvals for process residue storage and waste dumps should be reported.</li> </ul>	<ul> <li>BHO</li> <li>BHO operates under and in compliance with a number of operating environmental plans, which cover its environmental impacts and outputs as well as reporting guidelines / frequencies.</li> <li>Various Reserve inventories do not have current DMP / DWER licenses – though there are no abnormal conditions / factors associated with these assets which the competent person sees as potentially threatening to the particular project.</li> <li>The operation is frequently inspected by the regulatory authorities of DMP and DWER with continual feedback on environmental best practice and reporting results.</li> <li>Flood Management, Inclement Weather and Traffic Management Plans existing for the operation to minimise the risks of environmental impacts.</li> <li>Standard Operating Procedures for the transfer of hazardous materials and restocking of Dangerous Goods existing on site to mitigate the risk of these materials entering the environment.</li> </ul>
		<ul> <li>CGO operates under and in compliance with a number of operating environmental plans, which cover its environmental impacts and outputs as well as reporting guidelines / frequencies.</li> <li>Various Reserve inventories do not have current DMP / DWER licenses – though there are no abnormal conditions / factors associated with these assets which the competent person sees as potentially threatening to the particular project.</li> <li>The operation is frequently inspected by the regulatory authorities of DMP and DWER with continual feedback on environmental best practice and reporting results.</li> <li>Flood Management, Inclement Weather and Traffic Management Plans existing for the operation to minimise the risks of environmental impacts.</li> <li>Standard Operating Procedures for the transfer of hazardous materials and restocking of Dangerous Goods existing on site to mitigate the risk of these materials entering the environment.</li> </ul>
		<ul> <li>FGO</li> <li>FGO operates under and in compliance with a number of operating environmental plans, which cover its environmental impacts and outputs as well as reporting guidelines / frequencies.</li> <li>Various Reserve inventories do not have current DMP / DWER licenses – though there are no abnormal conditions / factors associated with these assets which the competent person sees as potentially threatening to the particular project.</li> <li>The operation is frequently inspected by the regulatory authorities of DMP and DWER with continual feedback on environmental best practice and reporting results.</li> <li>Flood Management, Inclement Weather and Traffic Management Plans existing for the operation to minimise the risks of environmental impacts.</li> <li>Standard Operating Procedures for the transfer of hazardous materials and restocking of Dangerous Goods existing on site to mitigate the risk of these materials entering the environment.</li> </ul>
		<ul> <li>environment.</li> <li>HGO</li> <li>CGO operates under and in compliance with a number of operating environmental plans, which cover its environmental impacts and outputs as well as reporting guidelines / frequencies.</li> <li>Various Reserve inventories do not have current DMP / DWER licenses – though there are no abnormal conditions / factors associated with these assets which the competent person sees as potentially threatening to the particular project.</li> </ul>

Criteria	JORC Code Explanation	Commentary
Criteria	JORC Code Explanation	<ul> <li>The operation is frequently inspected by the regulatory authorities of DMP and DWER with continual feedback on environmental best practice and reporting results.</li> <li>Flood Management, Inclement Weather and Traffic Management Plans existing for the operation to minimise the risks of environmental impacts.</li> <li>Standard Operating Procedures for the transfer of hazardous materials and restocking of Dangerous Goods existing on site to mitigate the risk of these materials entering the environment.</li> </ul>
		<ul> <li>MGO</li> <li>MGO operates under and in compliance with a number of operating environmental plans, which cover its environmental impacts and outputs as well as reporting guidelines / frequencies.</li> <li>Various Reserve inventories do not have current DMP / DWER licenses – though there are no abnormal conditions / factors associated with these assets which the competent person sees as potentially threatening to the particular project.</li> </ul>
		<ul> <li>The operation is frequently inspected by the regulatory authorities of DMP and DWER with continual feedback on environmental best practice and reporting results.</li> <li>Flood Management, Inclement Weather and Traffic Management Plans existing for the operation to minimise the risks of environmental impacts.</li> </ul>
		<ul> <li>Standard Operating Procedures for the transfer of hazardous materials and restocking of Dangerous Goods existing on site to mitigate the risk of these materials entering the environment.</li> </ul>
Infrastructure	The existence of appropriate infrastructure: availability of land for plant development, power, water, transportation (particularly for bulk commodities), labour, accommodation; or the ease with which the infrastructure can be provided or accessed.	<ul> <li>BHO</li> <li>BHO is currently active and have substantial infrastructure in place including a large amount</li> </ul>

Criteria	JORC Code Explanation	Commentary
		HGO
		• HGO is currently active and have substantial infrastructure in place including a large amount of underground infrastructure, major electrical, ventilation and pumping networks. The main Higginsville location has an operating CIL plant a fully equipped laboratory, extensive workshop, administration facilities and a 350 person single person quarters nearby.
		Infrastructure required for open production is also in place.
		Airstrip facilities are available at the local Kambalda airstrip.
		MGO
		• MGO has an operating plant and tailings storage facility, along with extensive mechanical and electrical maintenance facilities.
		• The site also includes existing administration buildings as well as a 300-man accommodation camp facility.
		• Power is provided by onsite diesel generation, with potable water sourced from nearby bore water (post treatment).
		Communications and roadways are existing.
		Airstrip facilities are available at the local Meekatharra airstrip (30km).
Costs	<ul> <li>The derivation of, or assumptions made, regarding projected capital costs in the study.</li> <li>The methodology used to estimate operating costs.</li> <li>Allowances made for the content of deleterious elements.</li> <li>The source of exchange rates used in the study.</li> <li>Derivation of transportation charges.</li> <li>The basis for forecasting or source of treatment and refining charges, penalties for failure to meet specification, etc.</li> <li>The allowances made for royalties payable, both Government and private.</li> </ul>	<ul> <li>BHO</li> <li>Processing costs are based on actual cost profiles with variations existing between the various oxide states.</li> <li>Site G&amp;A and portioned corporate overheads are included within the analysis (based upon previous Budget years actuals).</li> <li>Mining costs are derived primarily from the current contractor and owner-operator cost profiles in the underground environment.</li> <li>For the underground environment, if not site-specific mining rates are available, an appropriately selected operating mine is used for the basis of cost profile and are based upon previously reconciled Budgetary forecasts.</li> <li>Haulage costs used are either contractual rates or if in the case where a mine has none, a generic cost per tkm unit rate is utilised.</li> <li>Both state government and private royalties are incorporated into costings as appropriate.</li> <li>CGO</li> <li>Processing costs are based on actual cost profiles with variations existing between the</li> </ul>
		<ul> <li>various oxide states.</li> <li>Site G&amp;A and portioned corporate overheads are included within the analysis (based upon previous Budget years actuals).</li> <li>Mining costs are derived primarily from the current contractor and owner-operator cost profiles in the underground environment.</li> <li>For Open Pits where no current mining cost profiles are available for a forecasted Reserve, a historically 'validated' pit cost matrix is used – with variation allowances for density, fuel price and gear size.</li> <li>For the underground environment, if not site-specific mining rates are available, an appropriately selected operating mine is used for the basis of cost profile and are based upon previously reconciled Budgetary forecasts.</li> <li>Haulage costs used are either contractual rates or if in the case where a mine has none, a</li> </ul>

<ul> <li>Both state government and private royalities are incorporated into costings a appropriate.</li> <li>For</li> <li>Processing costs are based on actual cost profiles with variations existing between the various code state.</li> <li>Site G&amp;A ind portioned cosponse vorthoods are included within the analysis (based upon profiles in the under state.</li> <li>Site G&amp;A ind portioned cosponse variable for a forecasted feasure, a profiles in the under divident into including the profiles in the under state.</li> <li>For Open Pits where no current inning cost profiles are available for a forecasted feasure, a historically validated are included within the analysis (based upon an approximate) selected operating mine is used for the basis of cost profiles are available to a forecasted feasure, a historically validated are profiles in the under other and governant.</li> <li>For the underground environment.</li> <li>For the underground environment, if not site-specific mining rates are available, an apportate selected operating mine is used for the basis of costing as appropriate.</li> <li>Geologi and Ground environment, if not site-specific mining rates are available, an apportate selected operating mine is used for the basis of costing as appropriate.</li> <li>How the available costs used are other contractual acts or in the costings as appropriate.</li> <li>How the available cost profiles are included within the analysis (based upon previous budger was extual).</li> <li>Site G&amp;A and portioned corporate vorticas are included within the analysis (based upon previous budger was extual).</li> <li>Moring costs are derived primarily from the current contractor and nowner-operator cost profiles in the underground environment.</li> <li>For Cop Pits where no current thing cost profiles are variabile, an approximate profiles are derived primarily from the current contractor cost profiles are haven as the provement and private royalities are included within the analysis (based upon previous budger states).</li> <li>For the u</li></ul>	
<ul> <li>Processing costs are based on actual cost profiles with variations existing between the variaus oxide states.</li> <li>Site GAA and portioned corporate overheads are included within the analysis (based upon previous) Budgety same actuals).</li> <li>Mining costs are derived primarily from the current contractor and owner-operator cost profiles in the undergound environment.</li> <li>For Open Pitte Cost marks to used or with variations existing between the variance of the same or current mining cost profiles are available or a forecasted Reserve, a historically "validated by whene no current mining cost profiles are available or a forecasted Reserve, a contract to and cost profiles, and province that water or current mining cost profiles are available or a processing cost mark to used or with variation and on an observe, a cost profiles and are based upon previously resonancial for the based or cost profiles, and are based upon previously conclusing are assess and and concentratic und are based as the cost profiles and are based as propriet down the overall cost profiles and are based as proving costs are based on actual cost profiles and are based as proving costs are based on protocod costs are based on profiles.</li> <li>Both state government and private royabiles are incorporated into costings as appropriate.</li> <li>Horcessing costs are based on actual cost profiles with variations existing between the variance and environment.</li> <li>Site GAA and private royabiles are included within the analysis (based upon previous Budgety stars actuals).</li> <li>Mining costs are devided primarily from the current contractor and owner-operator cost profiles in the undergound environment.</li> <li>Site GAA and contract and and water and invite analysis (based upon previous Budgety stars actuals).</li> <li>Mining costs are devided primarily from the current contractor and owner-operator cost profiles in the undergound environment.</li> <li>For Open Pitte water and env</li></ul>	Both state government and private royalties are incorporated into costings as appropriate.
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Criteria	JORC Code Explanation	Commentary
		Geology and Grade Control costs are incorporated in the overall cost profile and are based upon previously reconciled Budgetary forecasts.
		• Haulage costs used are either contractual rates or if in the case where a mine has none, a generic cost per tkm unit rate is utilised.
		• Both state government and private royalties are incorporated into costings as appropriate.
Revenue factors	<ul> <li>The derivation of, or assumptions made regarding revenue factors including head grade, metal or commodity price(s) exchange rates, transportation and treatment charges, penalties, net smelter returns, etc.</li> <li>The derivation of assumptions made of metal or commodity price(s), for the principal metals, minerals and co-products.</li> </ul>	<ul> <li>Mine Revenue, COGs, open pit optimisation and royalty costs are based on the long-term forecast of A\$3,200/oz.</li> <li>No allowance is made for silver by-products.</li> </ul>
Market assessment	<ul> <li>The demand, supply and stock situation for the particular commodity, consumption trends and factors likely to affect supply and demand into the future.</li> <li>A customer and competitor analysis along with the identification of likely market windows for the product.</li> <li>Price and volume forecasts and the basis for these forecasts.</li> <li>For industrial minerals the customer specification, testing and acceptance requirements prior to a supply contract.</li> </ul>	<ul> <li>Detailed economic studies of the gold market and future price estimates are considered by Westgold and applied in the estimation of revenue, cut-off grade analysis and future mine planning decisions.</li> <li>There remains strong demand and no apparent risk to the long-term demand for the gold.</li> </ul>
Economic	<ul> <li>The inputs to the economic analysis to produce the net present value (NPV) in the study, the source and confidence of these economic inputs including estimated inflation, discount rate, etc.</li> <li>NPV ranges and sensitivity to variations in the significant assumptions and inputs.</li> </ul>	operating cash generating model. Capital costs have been included thereafter to determine an economic outcome.
Social	The status of agreements with key stakeholders and matters leading to social licence to operate.	<ul> <li>BHO</li> <li>BHO is fully permitted and a major contributor to the local and regional economy. It has no external pressures that impact its operation or which could potentially jeopardise its continuous operation.</li> <li>CGO</li> <li>CGO is fully permitted and a major contributor to the local and regional economy. It has no external pressures that impact its operation or which could potentially jeopardise its continuous operation.</li> <li>As new open pits or underground operations develop the site will require separate environmental approvals from the different regulating bodies.</li> <li>Where required, the operation has a Native Title and Pastoral Agreement.</li> <li>FGO</li> <li>FGP is fully permitted and a major contributor to the local and regional economy. It has no external pressures that impact its operation or which could potentially jeopardise its continuous operation.</li> <li>As new open pits or underground operations develop the site will require separate environmental approvals from the different regulating bodies.</li> <li>Where required, the operation has a Native Title and Pastoral Agreement.</li> <li>FGO</li> <li>FGP is fully permitted and a major contributor to the local and regional economy. It has no external pressures that impact its operation or which could potentially jeopardise its continuous operation.</li> <li>As new open pits or underground operations develop the site will require separate environmental approvals from the different regulating bodies.</li> <li>Where required, the operation has a Native Title and Pastoral Agreement.</li> </ul>

Criteria	JORC Code Explanation	Commentary
		HGO
		• HGO is fully permitted and a major contributor to the local and regional economy. It has no external pressures that impact its operation or which could potentially jeopardise its continuous operation.
		• •As new open pits or underground operations develop the site will require separate environmental approvals from the different regulating bodies.
		MGO
		<ul> <li>MGO is fully permitted and a major contributor to the local and regional economy. It has no external pressures that impact its operation or which could potentially jeopardise its continuous operation.</li> </ul>
		• As new open pits or underground operations develop the site will require separate environmental approvals from the different regulating bodies.
		Where required, the operation has a Native Title and Pastoral Agreement.
Other	• To the extent relevant, the impact of the following on the project and/or	BHO is an active mining project.
	on the estimation and classification of the Ore Reserves:	CGO is an active mining project.
	Any identified material naturally occurring risks.	FGO is an active mining project.
	The status of material legal agreements and marketing arrangements.	HGO is an active mining project.
	<ul> <li>The status of governmental agreements and approvals critical to the viability of the project, such as mineral tenement status, and government and statutory approvals. There must be reasonable grounds to expect that all necessary Government approvals will be received within the timeframes anticipated in the Pre-Feasibility or Feasibility study. Highlight and discuss the materiality of any unresolved matter that is dependent on a third party on which extraction of the reserve is contingent.</li> </ul>	
Classification	<ul> <li>The basis for the classification of the Ore Reserves into varying confidence categories.</li> <li>Whether the result appropriately reflects the Competent Person's view of the deposit.</li> <li>The proportion of Probable Ore Reserves that have been derived from Measured Mineral Resources (if any).</li> </ul>	The basis for classification of the Resource into different categories is made in accordance with the recommendations of the JORC Code 2012. Measured Resources have a high level of confidence and are generally defined in three dimensions with accurately defined or normally mineralised developed exposure. Indicated resources have a slightly lower level of confidence but contain substantial drilling and are in most instances capitally developed or well defined from a mining perspective. Inferred resources always contain significant geological evidence of existence and are drilled, but not to the same density. There is no classification of any resource that isn't drilled or defined by substantial physical sampling works.
		<ul> <li>Some Measured Resources have been classified as Proven and some are defined as Probable Reserves based on internal judgement of the mining, geotechnical, processing and or cost profile estimates.</li> </ul>
		No Indicated Resource material has been converted into Proven Reserve.
		• The resultant Reserve classification appropriately reflects the view of the Competent Person.
Audits or reviews	• The results of any audits or reviews of Ore Reserve estimates.	• Reserves inventories and the use of appropriate modifying factors are reviewed internally on an annual basis.
		• Additionally, mine design and cost profiles are regularly reviewed by WGX operational quarterly reviews.
		• Financial auditing processes, Dataroom reviews for asset sales / purchases and stockbroker analysis regularly 'truth test' the assumptions made on Reserve designs and assumptions.

Criteria	JORC Code Explanation	Commentary
Discussion of relative accuracy/ confidence	<ul> <li>Where appropriate a statement of the relative accuracy and confidence level in the Ore Reserve estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the reserve within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors which could affect the relative accuracy and confidence of the estimate.</li> <li>The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.</li> <li>Accuracy and confidence discussions should extend to specific discussions of any applied Modifying Factors that may have a material impact on Ore Reserve viability, or for which there are remaining areas of uncertainty at the current study stage.</li> <li>It is recognised that this may not be possible or appropriate in all circumstances. These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.</li> </ul>	<ul> <li>Whilst it should be acknowledged that all Ore Reserves are based primarily upon an estimate of contained insitu gold (Resource), it is the competent person's view that the consolidated Reserve inventory is highly achievable in entirety.</li> <li>Given the entire Ore Reserves inventory is within existing operations, with Budgetary style cost models and current contractual mining / processing consumable rates, coupled with an extensive historical knowledge / dataset of the Resources, it is the competent person's view that the significant mining modifying factors (COGs, geotechnical parameters and dilution ratio's) applied are achievable and or within the limits of 10% sensitivity analysis.</li> </ul>