

# **GREAT FINGALL RESOURCE GROWS TO HALF MILLION OUNCES**

### Mine Restart Evaluation Underway

Westgold Resources Limited (ASX: WGX) (**Westgold** or the **Company**) is pleased to provide details of the 2023 Mineral Resource Estimate update for its Great Fingall gold deposit near Cue in Western Australia.

#### HIGHLIGHTS

- 49% uplift in reportable Mineral Resource Estimate (MRE)
  - Great Fingall now 4.3Mt at 4.3g/t Au for 588koz.
- Mine restart evaluation based upon the updated MRE is underway this evaluation expected to be completed within the coming weeks.
- Two drill rigs to mobilise in coming weeks as a final drilling program is undertaken with clearly defined geological triggers to enable a Final Investment Decision (FID).
- Pending drill program success, Westgold remains on track to make an FID on restart of Great Fingall in Q1, FY24.

#### Westgold Managing Director, Wayne Bramwell commented:

"A forty-nine percent (49%) uplift from the last reported mineral resource estimate at Great Fingall is stunning. It shows the value that can be created when first principles geology is coupled with a corporate willingness to back geologists with drilling investment.

Westgold is confident there is more upside at Great Fingall, as to date we have only focused on the better defined and therefore lower execution risk extensions to the known Great Fingall Reef. Importantly, the flat structures exploited in the historic Great Fingall open pit and the parallel and tantalisingly close, high-grade Golden Crown system remain largely untested.

Drilling success across all our asset suite is beginning to change external perceptions about our Murchison land holdings as being a mature, well-understood gold belt with limited potential to surprise. From Westgold's internal lens, we see a highly endowed gold province that is under-explored and has been unloved for more than twenty years.

Great Fingall is just one of three multi-million-ounce historic producing mines within our portfolio. To bring this iconic, high grade mine back to life post a positive financial investment decision in Q1, FY24 will be a proud day for our team, shareholders, and stakeholders alike."



#### **GREAT FINGALL – AN ICONIC HIGH-GRADE UNDERGROUND MINE**

The Golden Crown and Great Fingall mines, separated by ≈700m along the Great Fingall Dolerite, have hosted significant historic mine production, with more than **1.55Moz** of gold being mined since the late 1800's (refer **Figure 1**).

Between 1891 and 1929 Great Fingall yielded **1.2Moz of gold from 1.9Mt of ore** at a recovered grade of **19.5g/t Au** from 20 levels developed underground to a depth of 786 metres below the surface. Extensional drilling in the 1980s confirmed the continuation of the orebody to a depth >1,000m below surface with the system remaining open at depth.

In 2019, Westgold drilled hole 19GCDD028 which intersected the Fingall Reef >400m down plunge from the then deepest historic drill hole confirming the significance of the Great Fingall orebody.



Figure 1: Schematic Great Fingall and Gold Crown deposits



#### **2023 MINERAL RESOURCE UPDATE**

Westgold initially reported a mineral resource estimate for Great Fingall in August 2021 (refer ASX 2021 Diggers & Dealers Presentation 2021, 3 August 2021) (Appendix A).

In October 2022, drilling recommenced to test beneath the reported Mineral Resource (**Figure 1**) as geological logging and interpretation of the early holes suggested the prevailing geological model required revision. The updated geological model and mineral resource estimate for Great Fingall, predicated on most recent drilling, shows the Fingall Reef splits into two reefs (i.e. bifurcates) resulting in both an enhanced ounce per vertical metre profile and more flexibility in mine design and scheduling due to increased heading availability.

Parallel and secondary structures, such as the Great Fingall cross linking flat structures which were exploited in the Great Fingall open pit and seen in Westgold 2022 drilling (refer ASX High-Grade Intercepts at New Sovereign Reef Discovery 20 June 2022), have been treated conservatively both in terms of estimation and subsequent classification, due to a lack of structural data associated with these secondary lodes in older holes.

This new 2023 estimate (Table 1) has seen contained ounces grow by 49% from the previous estimate. The new estimate is constrained by documented geological controls, has been peer reviewed, deemed appropriate by the Company's senior geoscientists and is considered to be a conservative base case for future planning.

Classification	Tonnes	Grade (g/t)	Ounces
Measured	0	0.00	0
Indicated	3,227,432	4.25	441,410
Inferred	1,034,642	4.41	146,661
Total	4,262,074	4.29	588,071

Table 1: Great Fingall May 2023 Updated Mineral Resource Estimate

### LOOKING FORWARD

The 2023 Mineral Resource update has provided impetus to accelerate mine planning evaluations to support a potential FID.

It should be noted that a shallow, dry and intact modern decline exists at Great Fingall to a depth of approximately 160m below surface. Westgold has surplus underground fleet ready to rapidly deploy and pending a positive FID, development at Great Fingall could commence rapidly in Q1, FY24.

In parallel and to ensure that the proposed mine plan and execution pathway can proceed as currently envisaged, several key geological aspects require confirmation. This drill program is due to commence in early June, and in order to reach a decision point in the shortest possible timeframe, two rigs will be engaged to undertake this work.

Westgold looks forward to updating the market with the results of this drilling, the evaluation process and the FID as they become available.



Figure 2: Westgold's Extensive Murchison Assets Extending from Cue to Meekatharra

ENDS

THIS ANNOUNCEMENT IS AUTHORISED FOR RELEASE TO THE ASX BY THE BOARD.

 Media and Investor Relations Enquiries

 INVESTOR RELATIONS
 MEDIA

 Kasun Liyanaarachchi Investor Relations Manager
 Peter Knight | Communications Advisor

 Investor.Relations@westgold.com.au
 Peter.Knight@westgold.com.au

 +61 458 564 483
 +61 459 980 481

 www.westgold.com.au
 www.westgold.com.au



## **COMPETENT PERSON STATEMENTS**

#### **EXPLORATION RESULTS AND MINERAL RESOURCES ESTIMATES**

The information in this report 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. 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. Mr Russell consents to the inclusion in this report 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 report that relates to Ore Reserve is based on information compiled by Mr. Leigh Devlin B.Eng. MAusIMM. 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 2012 Editions of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC 2012)". Mr. Devlin consents to the inclusion in this report 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.

#### FORWARD LOOKING STATEMENTS

Certain statements in this report relate to the future, including forward looking statements relating to Westgold's financial position and strategy. These forward-looking statements involve known and unknown risks, uncertainties, assumptions and other important factors that could cause the actual results, performance or achievements of Westgold to be materially different from future results, performance or achievements expressed or implied by such statements. Actual events or results may differ materially from the events or results expressed or implied in any forward-looking statement and deviations are both normal and to be expected. Other than required by law, neither Westgold, their officers nor any other person gives any representation, assurance or guarantee that the occurrence of the events expressed or implied in any forward-looking statements.



	GREAT FINGALL MRE MAY 2023		
	Tonnes	Grade	Ounces
Measured	0	0	0
Indicated	3,227,432	4.25	441,410
Inferred	1,034,642	4.41	146,661
Total	4,262,074	4.29	588,071

Open pit portion of the Mineral Resource Estimate reported above a cut-off grade of 0.7g/t and above the 800mRL.

Underground portion of the Mineral Resource Estimate reported above a cut-off grade of 2.0g/t and below the 800mRL.

	GOLDEN CROWN MRE CURRENT			
Tonnes Grade Ounces				
Measured	0	0	0	
Indicated	495,669	8.73	139,176	
Inferred	261,446	6.62	55,659	
Total	757,115	8.00	194,836	

Mineral Resource Estimate reported above a cut-off grade of 2.5g/t.

	GREAT FINGALL MRE OCTOBER 2022			
Classification Tonnes Grade (g/t) Ounces				
Measured	0	0.00	0	
Indicated	1,997,869	4.62	297,009	
Inferred	789,130	3.90	98,970	
Total	2,786,999	4.42	395,979	

Open pit portion of the Mineral Resource Estimate reported above a cut-off grade of 0.7g/t and above the 800mRL. Underground portion of the Mineral Resource Estimate reported above a cut-off grade of 2.0g/t and below the 800mRL.



# APPENDIX B – JORC 2012 TABLE 1

## SECTION 1 SAMPLING TECHNIQUES AND DATA

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

Criteria	JORC Code Explanation	Commentary
Sampling techniques	<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> </ul>	<ul> <li>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. rock type, veining and alteration / sulphidation etc.). The majority of exposures within the</li> </ul>
Drilling techniques	<ul> <li>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).</li> <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> </ul>	<ul> <li>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</li> </ul>
Drill sample recovery	• 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.	<ul> <li>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 residue material for initial analysis, with the split samples remaining with the individual residual piles until required for resplit 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> </ul>
		<ul> <li>Blast Hole Drilling</li> <li>Cuttings sampled via splitter tray per individual drill rod. Blast holes not included in the resource estimate.</li> <li>All geology input is logged and validated by the relevant area geologists, incorporated into this is assessment of sample recovery. No defined relationship exists between sample recovery and grade. Nor has sample bias due to preferential loss or gain of fine or coarse material been noted.</li> </ul>
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>	
		Development faces are mapped geologically.



Criteria	JORC Code Explanation	Со	mmentary
		•	RC, RAB and Aircore chips are geologically logged.
		•	Sludge drilling is logged for lithology, mineralisation and vein percentage.
		•	Logging is quantitative in nature.
		•	All holes are logged completely, all faces are mapped completely.
Sub-sampling techniques	• If core, whether cut or sawn and whether quarter, half or all core taken.	•	Blast holes -Sampled via splitter tray per individual drill rods.
and sample preparation	<ul> <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</li> </ul>	•	RAB / AC chips - Combined scoops from bucket dumps from cyclone for composite. Split samples taken from individual bucket dumps via scoop.
	<ul> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> </ul>	•	RC - Three tier riffle splitter (approximately 5kg sample). Samples generally dry.
		•	Face Chips - Nominally chipped horizontally across the face from left to right, sub-set via geological features as appropriate.
	• 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.	•	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.
	• Whether sample sizes are appropriate to the grain size of the material being sampled.	•	Chips / core chips undergo total preparation.
		•	Samples undergo fine pulverisation of the entire sample by an LM5 type mill to achieve a $75\mu$ product prior to splitting.
		•	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.
		•	The sample size is considered appropriate for the grain size of the material being sampled.
		•	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.
Quality of assay data and	• The nature, quality and appropriateness of the assaying and laboratory procedures used and	•	Recent drilling was analysed by fire assay as outlined below;
laboratory tests	<ul> <li>whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in</li> </ul>		• A 40g sample undergoes fire assay lead collection followed by flame atomic adsorption spectrometry.
	determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.		<ul> <li>The laboratory includes a minimum of 1 project standard with every 22 samples analysed.</li> </ul>
	• Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external		• Quality control is ensured via the use of standards, blanks and duplicates.
	laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision	•	No significant QA/QC issues have arisen in recent drilling results.
	have been established.	•	Historical drilling has used a combination of Fire Assay, Aqua Regia and PAL analysis.
		•	These assay methodologies are appropriate for the resources in question.
Verification of sampling and	• The verification of significant intersections by either independent or alternative company	•	No independent or alternative verifications are available.
assaying	personnel.	•	Virtual twinned holes have been drilled in several instances across all sites with no significant
	• The use of twinned holes.		issues highlighted. Drillhole data is also routinely confirmed by development assay data in the
	Documentation of primary data, data entry procedures, data verification, data storage     (abusical and electronic) protocols		operating environment.
	<ul> <li>(physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>		Primary data is collected utilising LogChief. The information is imported into a SQL database server and verified.
		•	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.
			No adjustments have been made to any assay data.



Criteria	JORC Code Explanation	Commentary
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 do-main.</li> </ul>
Orientation of data in relation to geological	• Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	<ul> <li>Drilling intersections are nominally designed to be normal to the orebody as far as underground infrastructure constraints / topography allows.</li> </ul>
structure	<ul> <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>	
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 Westgold staff. Upon delivery the responsibility for sample security and storage falls to the independent third-party operators of these facilities.</li> </ul>
		<ul> <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 unti they leave site.</li> </ul>
Audits or reviews	The results of any audits or reviews of sampling techniques and data	<ul> <li>Site generated resources and reserves and the parent geological data is routinely reviewed by the Westgold Corporate technical team.</li> </ul>



## SECTION 2 REPORTING OF EXPLORATION RESULTS

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

<ul> <li>Historical sites, wilderness or national park and environmental settings.</li> <li>The security of the therure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> <li>The security of the therure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> <li>State Government royally.</li> <li>The fortune Odd Poject terme is 100% owned by Westpold through subdialary comans Aragan flexources Pp. Ltd. Various Royabies apply to the package. The most pertinent being state overnment - 2,5% WSR</li> <li>The termure is currently in good standing.</li> <li>State Government - 2,5% WSR</li> <li>The termure is currently in good standing.</li> <li>The search ownon issues regarding security of terms.</li> <li>The search ownon issues regarding security of terms.</li> <li>The search ownon issue regarding security of terms.</li> <li>The searean ownon issue regarding security of terms.</li> <li>Th</li></ul>	Criteria	JORC Code Explanation	Commentary
Exploration done by other parties         • Acknowledgment and appraisal of exploration by other parties         • The CMCP tenements have an exploration and production history in excess of 30 years.           Geology         • Deposit type, geological setting and style of mineralisation.         • Westgold work has generally confirmed the veracity of historic exploration data.           Geology         • Deposit type, geological setting and style of mineralisation.         • Medextharra Gold Operations (MGO)           • MGO is located in the Achaean Murchison Province, a granite-greenstone terrae in th northwest of the Yilgarn Craton. Greenstone belts trending north-northeast are separated to granite-gnesis domes, with smaller granite plutons also present within or on the margins of the belts.           • The Paddy's Flat area is located on the western limb of a regional fold, the Polelle Syn-clim within a sequence of malic to ultramafic voltarias within moin interflow sediments and bande 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 while can be summarized as containing three dominant mineralisation styles:           • Sulphide replacement Bif hosted gold. Quartz vein hosted shear-related gold.           • Quartz-carbonate-sulphide stockwork vein and alteration related gold.           • Other Herdy Sin Interflow sediments. The sequence intruded by avariety of felsic porphyry and intermediate alls and dykes.           • The Reddy sin Intergrate and high-magnesium basati with miner mineralisation type of the separation balt strained and metamorphosed volcan sequence that consists primarily of ultramafic a		<ul> <li>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</li> </ul>	<ul> <li>The CMGP tenements are held by the Big Bell Gold Operations Pty Ltd (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;</li> <li>\$10/oz after first 50,000oz (capped at \$2M)- Perilya</li> <li>State Government – 2.5% NSR</li> <li>The tenure is currently in good standing.</li> <li>There are no known insues regarding security of tenure.</li> <li>There are no known impediments to continued operation.</li> </ul>
Exploration done by other parties <ul> <li>The CMGP tenements have an exploration and production history in excess of 30 years.</li> <li>The FGP tenements have an exploration and production history in excess of 30 years.</li> <li>Westgold work has generally confirmed the veracity of historic exploration data.</li> </ul> <li>Geology</li> <li>Deposit type, geological setting and style of mineralisation.</li> <li>Meekathara Gold Operations (MGO)</li> <li>MGO is located in the Achaean Murchison Province, a granite-greenstone terrane in th northwest of the Vilgarn Craton. Greenstone belts thending north-northeast are separated t granite-greeis domes, with smaller granite plutons also present within or on the margins of the Bits.</li> <li>The Paddy's Flat area is located on the western limb of a regional fold, the Polelle Syn- clim within a sequence that along four sub-parallel trends at Paddy's Flat whic can be summarized as containing three dominant mineralisation styles:</li> <li>Sulphide replacement Bit hosted gold. Quart vein hosted shear-related gold.</li> <li>Quart vein hosted shear-related gold.</li> <li>Quart vein hosted shear-related gold.</li> <li>The Valoginda area is a gold-bearing Archaean greenstone bet situated "15km south of Meekatharra. The deposits in the area are hosted in a strained and metamorphosed volcan sequence that consists primarily of ultramafic and high-magnesium basati with mine kommatite, gabor, childite, gabbor, childi</li>			
<ul> <li>Geology</li> <li>Deposit type, geological setting and style of mineralisation.</li> <li>MGG is located in the Achaean Murchison Province, a granite-greenstone terrane in th northwest of the Yilgarn Craton. Greenstone belts trending north-northeast are separated by granite-gneiss domes, with smaller granite plucons also present within or on the margins of the belts.</li> <li>The Paddy's Flat area is located on the western limb of a regional fold, the Polelle Syn-clim within a sequence of mafic to ultramafic volcanics with minor interflow sediments and bande iron-formation. The sequence has also been intruded by felic porphyry dykes prior to mineralisation. Mineralisation is located along four sub-parallel trends at Paddy's Flat whic can be summarized as containing three dominant mineralisate dold.</li> <li>Quartz-carbonate-sulphide stockwork vein and alteration related gold.</li> <li>The Yaloginda area is a gold-bearing Archaean greenstone belt situated ~15km south on Meekatharra. The deposits in the area are hosted in a tright and when morphosed volcan sequence that consists primarily of ultramafic and high-magnesium basalt with mine komatilite, peridotite, gabbro, tholeitic basalt and interflow sediments. The sequence was intruded by a variety of felisi porphyry and intermediate sills and dykes.</li> <li>The Reedy's mining district is located approximatel and by and there and the south east to Meekatharra. The deposits in the ascut approximatel and theratione and phase and phase.</li> <li>The Reedy's finding district is located approximately 15 km to the south-east to Meekatharra. The deposits in the south east to Meekatharra. The deposits occur with in a north-sout trending greenstone belt, two to fike kilometres wide, composed of volcano-sedimenta asequences and separated multiphase syn- and post-ectonic granited and theratione and the south or the south-east to Meekatharra.</li> </ul>	• •	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> </ul>
<ul> <li>northwest of the Yilgarn Craton. Greenstone belts trending north-northeast are separated to granite-gneiss domes, with smaller granite plutons also present within or on the margins of the belts.</li> <li>The Paddy's Flat area is located on the western limb of a regional fold, the Polelle Syn- clinn within a sequence of mafic to ultramafic volcanies with minor interlow sediments and bande 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 whic can be summarized as containing three dominant mineralisation styles:</li> <li>Sulphide replacement BIF hosted gold. Quartz vein hosted shear-related gold.</li> <li>Quartz-carbonate-sulphide stockwork vein and alteration related gold.</li> <li>The Yaloginda area is a gold-bearing Archaean greenstone belt situated ~15km south of Meekatharra. The deposits in the area are hosted in a strained and metamorphosed volcan sequence that consists primarily of ultramafic and high-magnesium basalt with minik komatiite, peridotite, gabbro, tholeiitic basalt and high-sequence was intruded by a variety of felsic porphyry and interredices sills and dykes.</li> <li>The Reedy's mining district is located approximately 15 km to the south-east to Meekatharr and to the south of Lake Annean. The Reedy gold deposits occur with- in a north-sout trending greenstone belt, two to five kilometres wide, composed of volcano-sedimentar sequences and separated multiphase syn- and post-tectonic granitoid complexes. Structural</li> </ul>	Geology	Deposit type, geological setting and style of mineralisation.	
Controlled the gold occur.			<ul> <li>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.</li> <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:</li> <li>Sulphide replacement BIF hosted gold. Quartz vein hosted shear-related gold.</li> <li>Quartz-carbonate-sulphide stockwork vein and alteration related gold.</li> <li>The Yaloginda area 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.</li> <li>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.</li> </ul>



Criteria	JORC Code Explanation	Commentary
		<ul> <li>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> <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>
		• 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.
		Fortnum Gold Project (FGP)
		• 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.
		<ul> <li>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.</li> <li>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</li> </ul>
Drill hole Information	A summary of all information material to the understanding of the evaluation results including	moderately metamorphosed (except for the Peak Hill MetamorphicSuite).
	<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:</li> <li>easting and northing of the drill hole collar</li> </ul>	Tables containing drillhole collar, downhole survey and intersection data are included in the body of the announcement.
	<ul> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> </ul>	
	• dip and azimuth of the hole	
	• down hole length and interception depth	
	♦ hole length.	
	• If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	



Criteria	JORC Code Explanation	Commentary
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>No high-grade cuts are used.</li> <li>Reported results contain no more than two contiguous metres of internal dilution below 0.5g/t.</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 true width.</li> <li>Given restricted access in the underground environment the majority of drillhole intersections are not normal to the orebody.</li> </ul>
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Appropriate diagrams are provided in the body of the release if required.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	Appropriate balance in exploration results reporting is provided.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	• 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>	<ul> <li>Ongoing surface and underground exploration activities will be undertaken to support continuing mining activities at Westgold Gold Operations.</li> </ul>



## SECTION 3 ESTIMATION AND REPORTING OF MINERAL RESOURCES

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

Criteria	JORC Code Explanation	Commentary
Database integrity	<ul> <li>Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.</li> <li>Data validation procedures used.</li> </ul>	<ul> <li>The database used for the estimation was extracted from the Westgold's DataShed database management system stored on a secure SQL server.</li> <li>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.</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. Russell visits Westgold Gold Operations regularly.
Geological interpretation	<ul> <li>Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.</li> <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 estimation.</li> <li>The factors affecting continuity both of grade and geology.</li> </ul>	<ul> <li>Mining in the Murchison district has occurred since 1800's providing significant confidence in the currently geological interpretation across all projects.</li> <li>No alternative interpretations are currently considered viable.</li> <li>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.</li> <li>Geological matrixes were established to assist with interpretation and construction of the estimation domains.</li> <li>The structural regime is the dominant control on geological and grade continuity in the Murchison. Lithological factors such as rheology contrast are secondary controls on grade distribution.</li> <li>Low-grade stockpiles are derived from previous mining of the mineralisation styles outlined above.</li> </ul>
Dimensions	The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.	<ul> <li>MGO</li> <li>The Paddy's Flat Trend is mineralised a strike length of &gt;3,900m, a lateral extent of up +230m and a depth of over 500m.</li> <li>Bluebird is mineralised a strike length of &gt;1,800m, a lateral extent of up +50m and a depth of over 500m.</li> <li>Triton – South Emu is mineralised a strike length of &gt;1,100m, a lateral extent of several metres and a depth of over 500m.</li> <li>CGO</li> <li>The Big Bell Trend is mineralised a strike length of &gt;3,900m, a lateral extent of up +50m and a depth of over 1,500m.</li> <li>Great Fingall is mineralised a strike length of &gt;3,900m, a lateral extent of up +50m and a depth of over 1,500m.</li> <li>Black Swan South is mineralised a strike length of &gt;500m, a lateral extent of up +75m and a depth of over 300m.</li> <li>Black Swan South is mineralised a strike length of &gt;1,700m, a lateral extent of up +75m and a depth of over 300m.</li> <li>FGP</li> <li>The Yarlarweelor mineral resource extends over 1,400m in strike length, 570m in lateral extent and 190m in depth.</li> <li>The Tom's and Sam's mineral resource extends over 650m in strike length, 400m in lateral</li> </ul>



Criteria	JORC Code Explanation	Commentary
		• The Eldorado mineral resource extends over 240m in strike length, 100m in lateral extent and 100m in depth.
		<ul> <li>Low-grade stockpiles are of various dimensions.</li> </ul>
		<ul> <li>All modelling and estimation work undertaken by Westgold is carried out in three dimensions via Surpac Vision.</li> </ul>
		<ul> <li>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.</li> </ul>
		<ul> <li>Drillhole intersections within the mineralised body are defined, these intersections are ther 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.</li> </ul>
		<ul> <li>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 individua domains is undertaken to assist with determining appropriate search parameters. Which are then incorporated with observed geological and geometrical features to determine the mos appropriate search parameters.</li> </ul>
		<ul> <li>An empty block model is then created for the area of interest. This model contains attribute: 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.</li> </ul>
		<ul> <li>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. 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.</li> </ul>
		<ul> <li>The resource is then depleted for mining voids and subsequently classified in line with JORG guidelines utilising a combination of various estimation derived parameters and geological, mining knowledge.</li> </ul>
		<ul> <li>This approach has proven to be applicable to Westgold's gold assets.</li> </ul>
		<ul> <li>Estimation results are routinely validated against primary input data, previous estimates and mining output.</li> </ul>
		<ul> <li>Good reconciliation between mine claimed figures and milled figures was routinely achieved during past production history.</li> </ul>
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.	<ul> <li>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.</li> </ul>



Criteria	JORC Code Explanation	Commentary
Mining factors or assumptions	<ul> <li>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.</li> </ul>	• No mining dilution or ore loss has been modelled in the resource model or applied to the reported Mineral Resource.
Metallurgical factors or assumptions	<ul> <li>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.</li> </ul>	
Environmental factors or assumptions	<ul> <li>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.</li> </ul>	grant of the respective leases.
Bulk density	<ul> <li>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.</li> <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>	<ul> <li>rather than mineralisation dependent.</li> <li>A large suite of bulk density determinations have been carried out across the project areas. The bulk densities were separated into different weathering domains and lithological domains</li> <li>A significant past mining history has validated the assumptions made surrounding bulk density.</li> </ul>
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>	deposit
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. Destination and the accuracy and is accuracy</li> </ul>	<ul> <li>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>
	<ul> <li>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>	



## SECTION 4 ESTIMATION AND REPORTING OF ORE RESERVES

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

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>	estimate.
		• At all projects, all Mineral Resources that have been converted to Ore Reserve are classified as either an Indicated or Measured material.
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. Devlin has over 10 years' experience in 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</li> </ul>	<ul> <li>production occurring throughout 1800's, 1900's and 2000's.</li> <li>Various mineralisation styles and host domains have been mined since discovery. Mining during this time has ranged from open pit cutbacks, insitu surface excavations to extensional underground</li> </ul>
	will have determined a mine plan that is technically achievable and economically viable, and that material Modifying Factors have been considered	<ul> <li>developments.</li> <li>Budget level, 24 month projected, forecasts are completed on a biannual basis, validating cost and physical inventory assumptions and modelling. These updated parameters are subsequently used for the basis of the Ore Reserve modification and financial factors.</li> </ul>
		• Following exploration and infill drilling activity, Resource models are updated on both the estimation of grade and classification. These updated Resource Models then form the foundation for Ore Reserve calculation.
Cut-off parameters	<ul> <li>The basis of the cut-off grade(s) or quality parameters applied.</li> </ul>	<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> </ul>
		• On the basis of above process, COGs for the underground mines range from 1.8g/t (sub level caving), 2.4g/t for bulk style open stopes, 2.8g/t for narrow vein style / discrete mechanised production fronts and 5.2g/t for man entry stoping.
		<ul> <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> </ul>
		• 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).
		<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	• The method and assumptions used as reported in the Pre-Feasibility or Feasibility Study to	All Ore Reserve inventories are based upon detailed 3-dimensional designs to ensure practical



Criteria	JORC Code Explanation	Commentary
	<ul> <li>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,</li> </ul>	<ul> <li>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> </ul>
	<ul> <li>The assumptions made regarding geotechnical parameters (e.g. pit slopes, slope 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>The mining recovery factors used.</li> <li>Any minimum mining widths used.</li> <li>The manner 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>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> </ul>
		<ul> <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. A majority 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 mineralization. Where continuous, consistent ore boundaries and grade represent the mineralised system the following factors are applied: oxide 15%, transitional 17% and fresh 19%. In circumstances where the orebody is less homogenous above the COG then the following dilution factors are applied in order to model correctly the inherent variability of extracting discrete sections of the pit floor: oxide 17%, transitional 19% and fresh 21%. To ensure clarity, the following percentages are additional ore mined in relation to excavating the wire frame boundary as identified in point 1 above, albeit at a grade of 0.0 g/t. The amount of dilution is considered appropriate based on orebody geometry, historical mining performance and the size of mining equipment to be used to extract ore.</li> </ul>
		<ul> <li>Expected mining recovery of the ore has been set at 93%.</li> <li>Minimum mining widths have been accounted for in the designs, with the utilisation of 40t or 90t</li> </ul>
		<ul> <li>trucking parameters depending upon the size of the pit excavation.</li> <li>No specific ground support requirements are needed outside of suitable pit slope design criteria based on specific geotechnical domains.</li> </ul>
		<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> <li>No Inferred material is included within the open pit statement, though in various pit shapes inferred</li> </ul>
		material is present. In these situations this inferred material is classified as waste.
		<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 COG). A complete mine schedule is then derived from this design to create a LOM plan and financial analysis.</li> </ul>
		• Mining methodology is based on previous mining experience. All mining systems within the Reserve statement are standardized, mechanized Western Australian methods.
		• In large disseminated orebodies sub level caving, sub level open stoping or single level bench stoping production methodologies are used.



Criteria	JORC Code Explanation	Commentary
		In narrow vein laminated quartz hosted domains a conservative narrow bench style mining methor is used.
		• In narrow flat dipping deposits, a Flat Long Hole process is adopted (with fillets in the footwall f rill angle) and or jumbo stoping.
		• Stope shape parameters have been based on historical data (where possible) or expected stab hydraulic radius dimensions.
		<ul> <li>Stope inventories have been determined by cutting the geological wireframe at above the arr specific COG and applying mining dilution and ore loss factors. The ore loss ratio accounts for pill locations between the stopes (not operational ore loss) whilst dilution allows for conversion of th geological wireframe into a minable shape (Planned dilution) as well as hangingwall relaxation ar blasting overbreak (unplanned dilution).</li> </ul>
		• Depending upon the style of mineralisation, sub level interval, blasthole diameters used and secondary support is installed, total dilution ranges from 15 to 35%.
		<ul> <li>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 17.0m sub level interval.</li> </ul>
		<ul> <li>Mining operational recovery for the underground mines is set at 100% due to the use of remo loading units as well as paste filling activities. Mining recovery is not inclusive of pillar loss – insi mineralised material between adjacent stope panels.</li> </ul>
		• Stope shape dimensions vary between the various methods. Default hydraulic radii are applied 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 base on the contact domain type.
		<ul> <li>Mining sequence is included in the mine scheduling process for determining the econom evaluation and takes into account available operating time and mining equipment size ar performance.</li> </ul>
Metallurgical factors or assumptions	The metallurgical process proposed and the appropriateness of that process to the style o mineralisation.	<ul> <li>of CGO</li> <li>CGO has an existing conventional CIL processing plant.</li> </ul>
	<ul> <li>Whether the metallurgical process is well-tested technology or novel in nature.</li> <li>The nature, amount and representativeness of metallurgical test work undertaken, the</li> </ul>	• The plant has a nameplate capacity of 1.4Mtpa though this can be varied between 1.2- 1.6Mtp
		<ul> <li>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 plan in the past 2-3 decades. This long history of processing demonstrates the appropriateness of the process to the styles of mineralisation considered.</li> </ul>
		No deleterious elements are considered, as a long history of processing has shown this to be not material concern.
		For the Reserve, Plant recoveries of 80-93% have been utilised
		<ul> <li>MGO</li> <li>MGO has an existing conventional CIL processing plant – which has been operational in vario periods since the late 1980's.</li> </ul>
		<ul> <li>The plant has a nameplate capacity of 1.6Mtpa though this can be varied between 1.2- 1.8Mtp pending rosters and material type.</li> </ul>
		Gold extraction is achieved using single stage crushing, SAG & ball milling with gravity concentration



Criteria	JORC Code Explanation	Commentary
Cintena		and Carbon in Leach.
		<ul> <li>A long history of processing through the existing facility demonstrates the appropriateness of the process to the styles of mineralisation considered.</li> </ul>
		• 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.
		FGP
		• FGP 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.
		<ul> <li>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.</li> </ul>
		For the Reserve, Plant recoveries of 93-95% have been utilised.
Environmental	The status of studies of potential environmental impacts of the mining and processing	MGO
	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	<ul> <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> </ul>
	residue storage and waste dumps should be reported.	<ul> <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> </ul>
		<ul> <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>
		CGO
		<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> </ul>
		<ul> <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>
		• The operation is frequently inspected by the regulatory authorities of DMP and DWER with continual feedback on environmental best practice and reporting results.
		<ul> <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>
		FGP
		• FGP 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.
		<ul> <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>
		• The operation is frequently inspected by the regulatory authorities of DMP and DWER with continual feedback on environmental best practice and reporting results.



Criteria	JORC Code Explanation	Commentary
		<ul> <li>Flood Management, Inclement Weather and Traffic Management Plans existing for the operation to minimise the risks of environmental impacts.</li> </ul>
		• 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.
Infrastructure	• The existence of appropriate infrastructure: availability of land for plant development,	MGO
	power, water, transportation (particularly for bulk commodities), labour, accommodation; or the ease with which the infrastructure can be provided or accessed.	<ul> <li>MGO has an operating plant and tailings storage facility, along with extensive mechanical and electrical maintenance facilities.</li> </ul>
		• The site also includes existing administration buildings as well as a 300-man accommodation camp facility.
		<ul> <li>Power is provided by onsite diesel generation, with potable water sourced from nearby bore wate (post treatment).</li> </ul>
		Communications and roadways are existing.
		Airstrip facilities are available at the local Meekatharra airstrip (30km).
		CGO
		• CGO 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 250-man accommodation camp facility.
		• Power is provided by onsite diesel generation, with potable water sourced from nearby bore wate (post treatment).
		Communications and roadways are existing.
		Airstrip facilities are available at the local Cue airstrip (20km).
		FGM
		<ul> <li>FGM has an operating plant and tailings storage facility, along with extensive mechanical and electrical maintenance facilities.</li> </ul>
		• The site also includes existing administration buildings as well as a 200-man accommodation camp facility.
		• Power is provided by onsite diesel generation, with potable water sourced from nearby bore wate (post treatment).
		Communications and roadways are existing.
		• Airstrip facilities are available on site – though a majority of the workforce are transported via the local Meekatharra airstrip.
Costs	• The derivation of, or assumptions made, regarding projected capital costs in the study.	MGO
	<ul> <li>The methodology used to estimate operating costs.</li> <li>Allowances made for the content of deleterious elements.</li> </ul>	<ul> <li>Processing costs are based on actual cost profiles with variations existing between the various oxide states.</li> </ul>
	• The source of exchange rates used in the study.	• Site G&A and portioned corporate overheads are included within the analysis (based upon previous Budget years actuals).
	<ul> <li>Derivation of transportation charges.</li> <li>The basis for forecasting or source of treatment and refining charges, penalties for failure</li> </ul>	• Mining costs are derived primarily from the current contractor cost profiles in both the open pit and underground environment.
	<ul> <li>to meet specification, etc.</li> <li>The allowances made for royalties payable, both Government and private.</li> </ul>	<ul> <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> </ul>
		<ul> <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 profiling.</li> </ul>
		Geology and Grade Control costs are incorporated in the overall cost profile and are based upon



Criteria	JORC Code Explanation	Commentary
		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.
		CGO
		<ul> <li>Processing costs are based on actual cost profiles with variations existing between the various oxide states.</li> </ul>
		<ul> <li>Site G&amp;A and portioned corporate overheads are included within the analysis (based upon previous Budget years actuals).</li> </ul>
		<ul> <li>Mining costs are derived primarily from the current contractor cost profiles in both the open pit and underground environment.</li> </ul>
		<ul> <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> </ul>
		• For the underground environment, if not site-specific mining rates are available, an appropriately selected operating mine is used for the basis of cost profiling.
		<ul> <li>Geology and Grade Control costs are incorporated in the overall cost profile and are based upon previously reconciled Budgetary forecasts.</li> </ul>
		<ul> <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> </ul>
		<ul> <li>Both state government and private royalties are incorporated into costings as appropriate.</li> </ul>
		FGP
		<ul> <li>Processing costs are based on actual cost profiles with variations existing between the various oxide states.</li> </ul>
		<ul> <li>Site G&amp;A and portioned corporate overheads are included within the analysis (based upon previous Budget years actuals).</li> </ul>
		<ul> <li>Mining costs are derived primarily from the current contractor cost profiles in both the open pit and underground environment.</li> </ul>
		<ul> <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> </ul>
		<ul> <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 profiling.</li> </ul>
		<ul> <li>Geology and Grade Control costs are incorporated in the overall cost profile and are based upon previously reconciled Budgetary forecasts.</li> </ul>
		<ul> <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> </ul>
		Both state government and private royalties are incorporated into costings as appropriate.
Revenue factors	• The derivation of, or assumptions made regarding revenue factors including head grade, metal or commodity price(s) exchange rates, transportation and treatment charges,	• Mine Revenue, COGs, open pit optimisation and royalty costs are based on the long-term forecast of A\$2,600/oz.
	penalties, net smelter returns, etc.	No allowance is made for silver by-products.
	• The derivation of assumptions made of metal or commodity price(s), for the principal metals, minerals and co-products.	
Market assessment	<ul> <li>The demand, supply and stock situation for the particular commodity, consumption trends</li> </ul>	Detailed economic studies of the gold market and future price estimates are considered by Westgold
	and factors likely to affect supply and demand into the future.	and applied in the estimation of revenue, cut-off grade analysis and future mine planning decisions.
	• A customer and competitor analysis along with the identification of likely market windows for the product.	



Criteria	JORC Code Explanation	Commentary
	Price and volume forecasts and the basis for these forecasts.	
	For industrial minerals the customer specification, testing and acceptance requirements	
<b>F</b>	prior to a supply contract.	
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>	<ul> <li>Each separate mine (open pit, underground or stockpile) has been assessed on a standard operating cash generating model. Capital costs have been included thereafter to determine an economic outcome.</li> <li>Subsequently each Operating centre (MGO, CGO and FGP) has had a Discounted Cash Flow mode</li> </ul>
		<ul> <li>constructed to further demonstrate the Reserve has a positive economic outcome.</li> <li>A discount rate of 8% is allied in DCF modelling.</li> </ul>
		No escalation of costs and gold price is included.
		<ul> <li>Sensitivity analysis of key financial and physical parameters is applied to future development projects.</li> </ul>
Social	The status of agreements with key stakeholders and matters leading to social licence to	MGO
	operate.	<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> <li>As new open pits or underground operations develop the site will require separate environmental approvals from the different regulating bodies.</li> </ul>
		Where required, the operation has a Native Title and Pastoral Agreement.
		CGO
		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.
		<ul> <li>As new open pits or underground operations develop the site will require separate environmental approvals from the different regulating bodies.</li> </ul>
		Where required, the operation has a Native Title and Pastoral Agreement.
		<ul> <li>FGP</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> </ul>
		<ul> <li>As new open pits or underground operations develop the site will require separate environmental approvals from the different regulating bodies.</li> </ul>
Other		Where required, the operation has a Native Title and Pastoral Agreement.
Other	<ul> <li>To the extent relevant, the impact of the following on the project and/or on the estimation</li> </ul>	MGO is an active mining project.
	<ul><li>and classification of the Ore Reserves:</li><li>Any identified material naturally occurring risks.</li></ul>	CGO is an active mining project.
	<ul> <li>The status of material legal agreements and marketing arrangements.</li> </ul>	FGP is an active mining project.
	<ul> <li>The status of matchine gal agreements and marketing an angements.</li> <li>The status of governmental agreements and approvals critical to the viability of the project,</li> </ul>	
	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 continuous.	
Classification	<ul> <li>extraction of the reserve is contingent.</li> <li>The basis for the classification of the Ore Reserves into varying confidence categories.</li> </ul>	The basis for classification of the Resource into different categories is made in accordance with the
Classification	<ul> <li>Whether the result appropriately reflects the Competent Person's view of the deposit.</li> </ul>	recommendations of the JORC Code 2012. Measured Resources have a high level of confidence and
	<ul> <li>The proportion of Probable Ore Reserves that have been derived from Measured Mineral Resources (if any).</li> </ul>	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



Criteria	JORC Code Explanation	Commentary
		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.	<ul> <li>Reserves inventories and the use of appropriate modifying factors are reviewed internally on ar annual basis.</li> <li>Additionally, mine design and cost profiles are regularly reviewed by WGX operational guarterly</li> </ul>
		reviews.
		<ul> <li>Financial auditing processes, Dataroom reviews for asset sales / purchases and stockbroker analysis regularly 'truth test' the assumptions made on Reserve designs and assumptions.</li> </ul>
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 Competen 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>contained insitu gold (Resource), it is the competent person's view that the consolidated Reserves 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>