## **ASX Announcement**



20 February 2025

# TROPICANA UNDERGROUND ORE RESERVE GROWTH CONTINUES

- Tropicana JV updated its Mineral Resources (100%) to 5.4Moz and Ore Reserves (100%) to 1.9Moz as at 31 December 2024.
- Regis 30% share of Tropicana JV Mineral Resources Estimate ("MRE") of 27Mt at 1.9 g/t Au for 1.6Moz as at 31 December 2024.
- Regis 30% share of Tropicana JV Ore Reserves Estimate ("ORE") of 11Mt at 1.6 g/t Au for 0.6Moz as at 31 December 2024.
- Total Ore Reserves (100%) include 1.0Moz from open pit, 0.6Moz from underground and 0.3Moz from stockpiles.
- In CY24, underground Ore Reserves growth was 178koz (100%) after Ore Reserve depletion of 198koz (100%), 90% replacement following on from the record 260% replacement in prior year.
- Since declaring an initial underground Ore Reserve in 2018, total underground Ore Reserve growth has been 972koz while depletion has been 648koz (100%) clearly showing the trend of replacing depletion plus more.
- Drilling at Tropicana in CY24 increased confidence in down plunge extensions of known mineralisation and identified new areas of underground mineralisation to support further Mineral Resource definition drilling.
- Underground drilling continued to increase confidence in the current mineralisation across Boston Shaker, Havana, and Tropicana, while at the same time further testing the fault offset location of the potential new Havana high-grade shoot (the Havana fault offset) and the conceptual Cobbler target.
- Mineral Resources of 5.4Moz (100%) and Ore Reserves of 1.9Moz (100%) continue to underpin an expected mine life of 10+ years with further exploration upside.

Regis Resources' (ASX: RRL, Regis or the Company) Chief Executive Officer and Managing Director, Mr Jim Beyer commented "We are very pleased with the update of Ore Reserves and Mineral Resources at Tropicana and the ongoing year on year growth delivered by the team. The results clearly continue the trend of underground Ore Reserves growth. Impressively, before depletion<sup>1</sup>, Ore Reserves within the undergrounds at Tropicana have grown by nearly one million ounces of gold since an initial Underground Ore Reserve of 317koz was declared for Boston Shaker in 2018.

Our exploration activities during 2024 established a strong pipeline of underground growth opportunities that we will continue to test over the coming months and years. Tropicana is a world class asset and with a strong growth pipeline and a solid track record of underground Ore Reserves growth. With the strong results the team regularly delivers we remain confident that Tropicana will continue to generate strong cash flows for the next 10+ years."

<sup>1</sup> Depletion refers to Ore Reserve depletion, unless otherwise stated.



Mineral Resources (100%) as at 31st December 2024 was 5.4Moz, including 1.1Moz Open Pit Mineral Resources, 3.9Moz of Underground Mineral Resources and 0.4Moz of stockpiled Mineral Resources. Open Pit and Underground Mineral Resources reduced year on year, with stockpiles remaining broadly stable year on year.

Drilling continued to convert mineralised extensions into Inferred Mineral Resources and Inferred Mineral Resources into higher confidence JORC classifications, with underground Measured and Indicated Mineral Resources increasing from 2.1Moz in CY23 to 2.2Moz in CY24. Supporting the long-held confidence in the ability to add replacement Ore Reserves.

Table 1: Tropicana Mineral Resources as at 31 December 2024

	1070.01	Mineral Resources – Tropicana Gold Mine (100%)			
Estimate	JORC Class	Tonnes (Mt)	Gold Grade (g/t)	Gold Metal (Moz)	
	Measured	3.4	1.5	0.2	
Open Pit	Indicated	15.9	1.8	0.9	
Open Fit	Inferred	-	-	-	
	Subtotal	19.3	1.8	1.1	
	Measured	10.7	2.7	0.9	
Underground	Indicated	14.4	2.7	1.3	
Onderground	Inferred	24.3	2.2	1.7	
	Subtotal	49.5	2.5	3.9	
Stockpiles	Measured	21.3	0.6	0.4	
	Measured	35.4	1.3	1.5	
Total	Indicated	30.3	2.2	2.2	
	Inferred	24.3	2.2	1.7	
Tropicana Total		90.1	1.9	5.4	
Tropicana (30%)		27.0	1.9	1.6	

### Notes:

- Open pit block cut-offs are >0.3g/t Au for oxide and 0.4g/t Au for transitional and fresh using the LUC model. The
  Underground Mineral Resource is reported within volumes created through an MSO process, representing a cut-off grade of
  1.7g/t.
- Some totals and averages are affected by rounding. The MRE is notionally inclusive of ORE for CY24.

Ore Reserves (100%) as at 31st December 2024 was 1.9Moz, including 1.0Moz Open Pit Ore Reserves, 0.6Moz Underground Ore Reserves and 0.3Moz of Stockpiled Ore Reserves. Conversion drilling, modelling methodology and price assumption updates increased Ore Reserve by 0.4Moz, offsetting this was a reduction of 0.5Moz due to depletion coupled with a reduction of 0.3Moz as a result of updated cost assumptions.

Table 2: Tropicana Ore Reserves as at 31 December 2024

Estimate	JORC Class	Ore Reserves – Tropicana Gold Mine (100%)		
Estimate	JONG Glass	Tonnes (Mt)	Gold Grade (g/t) Gold Metal	
	Proved	2.7	1.4	0.1
Open Pit	Probable	14.5	1.9	0.9
	Subtotal	17.2	1.8	1.0
	Proved	3.3	3.0	0.3
Underground	Probable	3.4	3.0	0.3
	Subtotal	6.7	3.0	0.6
Stockpiles	Proved	13.7	0.6	0.3
Total	Proved	19.7	1.1	0.7
TOTAL	Probable	18.0	2.1	1.2
Tropicana Total		37.6	1.6	1.9
Tropicana (30%)		11.3	1.6	0.6



#### Notes:

- Open pit ORE block cut-off >0.4g/t Au for oxide rock, otherwise >0.5g/t Au; the Underground Ore Reserve is reported within MSO volumes representing a cut-off grade of 2.7g/t Au for Boston Shaker, 2.1g/t for Tropicana and 3.0g/t for Havana.
- Some totals and averages are affected by rounding.

In the underground, Ore Reserves grew by 178koz (100%) while depletion was 198koz. Total underground Ore Reserves are 0.6Moz, representing a net year on year reduction of only three percent. This is not unexpected, considering the previous year saw an increase of 75% in underground Ore Reserves, representing a record 260% replacement of depletion, and some fluctuation in delivery of Ore Reserve growth is expected over short term, year on year periods.

Figure 1 highlights the continued trend of underground Ore Reserve growth, whereby since 2018, underground Ore Reserves have grown by 972koz excluding depletion of approximately 648koz. Net of depletion, underground Ore Reserves have grown by 202% since 2018.

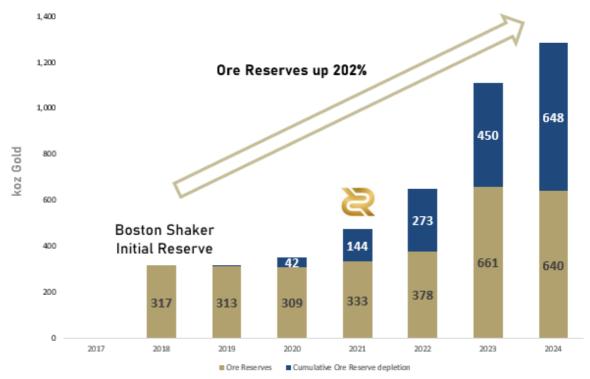


Figure 1: Trend of Underground Ore Reserve Growth and Cumulative Ore Reserve Depletion

Metal prices and foreign exchange rate between the Australian dollar (\$A) and United States dollar (\$US) are critical for the economic evaluation and reporting of OREs and MREs and establishing reporting cutoffs. AngloGold Ashanti Australia determines the Tropicana gold price for MREs as US\$1,900/oz (A\$2,836/oz) and OREs as US\$1,400/oz (A\$2,090/oz).

# **Emerging Targets Underpin Confidence in Further Underground Mineral Resource Extensions and Growth**

During CY24, drilling activities focused on the conversion of Inferred Mineral Resources into Indicated Mineral Resources, growing the Inferred Mineral Resource base by showing that mineralisation extends down-plunge, exploring for faulted extensions of mineralised lodes and testing conceptual targets.

The CY24 drilling activities continue to provide the Tropicana Joint Venture with confidence that mineralisation remains open and is present at depth across a number of underground locations. Priority underground targets include: Boston Shaker, Tropicana, Havana, the Cobbler conceptual underground target and the Havana fault offset (Figure 2).

With this ever-growing geological understanding and our improved confidence in the presence of mineralisation at depth across several underground locations, Regis expects that CY25 drilling activities



will both continue to extend mineralisation within unclassified areas down plunge of known mineralisation and increase confidence in declared Mineral Resources to support ongoing near term growth of Ore Reserves.

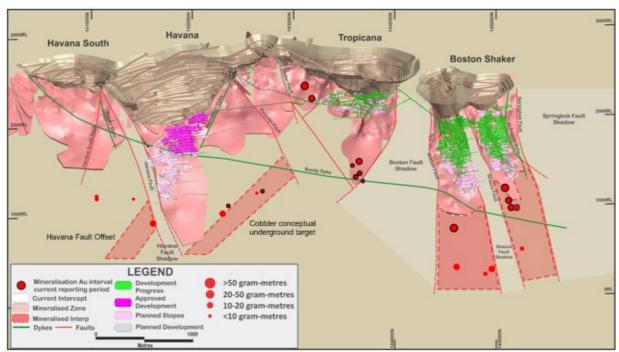


Figure 2: Tropicana Underground Priority Target Areas

### **Competent Persons Statement**

The information in this report relating to Mineral Resource and Ore Reserve is based on information compiled by, or under the supervision of, Competent Persons, as defined in JORC Code 2012. This table below listing the names of the Competent Persons includes details of professional memberships, professional roles, and the reporting activities for which each person is accepting responsibility for the accuracy and veracity of Regis' results and estimates. All Competent Persons have sufficient experience relevant to the style of mineralisation and the type of deposit under consideration, and relevant to the activity which they are undertaking. The Competent Persons in the table below have provided Regis with a sign-off to the inclusion of the Mineral Resource and Ore Reserve information in this report, in the form and context in which it appears.

Table 3: Competent Persons for JORC Code 2012 reportable results and estimates

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	Activity	Competent Person	Membership	Number	Employment	Activity responsibility
	Mineral Resources	James Woodward	MAusIMM	318142	Superintendent Resource Evaluation (AGAA)	Tropicana Estimates
	Ore Reserves	Andrew Bridges	MAusIMM	300976	Senior Specialist Mine Planning (AGAA)	Tropicana open pit estimates
	Ore Reserves	Gustavo Chavez Hijar	MAusIMM	3072476	Superintendent UG Mine Planning (AGAA)	Tropicana underground estimates

- MAusIMM = Member of the Australasian Institute of Mining and Metallurgy.
- Information in this report that relates to Mineral Resources or Ore Reserves are based on the information compiled by, or under the supervision of, the relevant Competent Persons and activities listed above.
- All Qualified Persons are employed by AngloGold Ashanti Australia Limited (AGAA).



### **Additional Information**

The Mineral Resources and Ore Reserves quoted in this report are consistent with those to be reported in the AngloGold Ashanti plc (AGA) 2024 Mineral Resource and Mineral Reserve statement to be included in the Preliminary Financial Update for the six months and the year ended 31 December 2024, published on the 19th February 2025. The Mineral Resource and Mineral Reserve will be also included in AGA's annual report on Form 20-F for the financial year ended 31 December 2024 to be filed with the United States Securities and Exchange Commission ("SEC").

The term "Ore Reserve" is synonymous with the term "Mineral Reserve" and preferred under the JORC Code. The Mineral Resources in this report is reported as inclusive of the Ore Reserves before dilution and other factors are applied, however in AGA public reporting all disclosure of Mineral Resource is exclusive of Mineral Reserve before dilution and other factors are applied. "Tonnes" refers to a metric tonne which is equivalent to 1,000 kilograms. To reflect that figures are not precise calculations and that there is uncertainty in their estimation, tonnage, grade and content for gold is reported to one decimal. All ounces are Troy ounces. "Moz" refers to million ounces. The Mineral Resource tonnages and grades are reported in situ and stockpiled material is reported as broken material. The Ore Reserve tonnages and grades are estimated and reported as delivered to plant (i.e., the point where material is delivered to the processing facility).

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This announcement is authorised for release by the Managing Director and CEO of Regis Resources, Jim Beyer



### **APPENDIX 1: JORC 2012 Tables**

Section 1 – T	ropicana – Sampling and Data
JORC Criteria	Explanation
Sampling techniques	<ul> <li>AngloGold Ashanti Australia Pty Ltd (AGAA) has used drilling and subsampling of the cuttings or cores as the data basis for the Mineral Resource estimates (MREs) of the Tropicana deposits. Details are given in the following subsection of this Table 1 section.</li> <li>Drill hole spacings range from 12.0mE by 12.0mN (mine) grids to 100mE by 100mN grids. Most of the open pit MRE is drilled on a 25mE by 25mN or 50mE x 50mN grid.</li> <li>The Boston Shaker underground MRE is drilled at 12.5mE by 12.5mN in the upper levels and up to 100m by 100m at deeper levels.</li> <li>The Tropicana underground MRE is drilled to 12.5m x 12.5m spacing in the upper levels, and up to 100m by 100m at deeper levels.</li> <li>The Havana underground project MRE has been drilled to 50mE by 25mN spacing. Down-plunge extensions of Havana underground have been tested using a 100 by 100m grid.</li> <li>All holes drilled from surface are drilled towards the west to intersect the east dipping mineralised zones at a high angle. Holes drilled from underground are predominantly drilled from hanging-wall drill platforms.</li> </ul>
Drilling techniques	<ul> <li>Reverse circulation (RC) percussion drilling using face-sampling bits (5¼ inch or 133mm diameter) have been used to collect samples from the shallower (up-dip) part of the deposits with a nominal maximum RC depth of ~150m.</li> <li>Diamond core drilling (DD) was used for deeper holes, with diamond tails drilled from RC pre-collars. To control the deviation of deep DD holes drilled since 2011, many of these holes were drilled from short ~60m RC pre-collars or using 63.5mm (HQ) diameter core from surface.</li> <li>Diamond core drilling for MRE definition is predominantly 47.6mm (NQ) diameter core, with a lesser number of holes drilled for collection of metallurgical and/or geotechnical data using 63.5mm (HQ2, HQ3) or 85mm (PQ) core diameters.</li> <li>In fresh rock, cores are oriented wherever possible for collection of structural data. Prior to 2009, core orientations are made using the EzyMark tool with the Reflex Ace Tool replacing the system in later drilling programs.</li> </ul>
Drill sample recovery	<ul> <li>RC recovery:         <ul> <li>Prior to 2008 semi-quantitative assessment was made regarding RC sample recovery with recovery visually estimated as 25%, 50%, 75% or 100% of the expected volume of a 1m drilling interval.</li> <li>Since 2008, AGAA has implemented quantitative measure on every 25th interval where the masses of the sample splits are recorded and compared to the theoretical mass of the sampling interval for the rock type being drilled.</li> <li>AGAA found that overall RC recovery in the regolith was &gt;80% and total recovery in fresh rock.</li> </ul> </li> <li>DD recovery:         <ul> <li>DD recovery has been measured as a percentage of the total length of core recovered compared to the drill interval.</li> <li>Core recovery is consistently high in fresh rock with minor losses occurring in heavily fractured ground or for DD in the regolith.</li> </ul> </li> <li>The main methods to maximise recovery have been recovery monitoring as described above and DD below a ~150m depth.</li> <li>No relationship exists between sample recovery and grade and the Competent Person considers that grade and sample biases due to the preferential loss or gain of fine or course material are unlikely.</li> </ul>
Logging	RC cuttings and DD cores have been logged geologically and geotechnically with reference to AGAA's standard logging code library, to levels of detail that support MRE work, Ore Reserve Estimation (ORE) and metallurgical studies.



Section 1 – T	ropicana – Sampling and Data
JORC Criteria	Explanation
	<ul> <li>Qualitative logging includes codes for lithology, regolith, and mineralisation for both RC and DD samples, with sample quality data recorded for RC such as moisture, recovery, and sub-sampling methods.</li> <li>DD cores are photographed, qualitatively and structurally logged with reference to orientation measurements where available.</li> <li>Geotechnical quantitative logging includes QSI, RQD, matrix and fracture characterisation.</li> <li>The total lengths of all drill holes have been logged.</li> <li>High resolution photos of both DD cores and RC chips are captured and stored in the site database.</li> </ul>
Sub- sampling techniques and sample preparation	<ul> <li>RC − Primary splitting:         <ul> <li>Prior to 2007, RC samples were collected from the RC cyclone stream using a tiered riffle splitter. From 2007, a static cone splitter was introduced and replaced the use of riffle splitting on all rigs.</li> <li>The RC sampling interval is generally 1m but from 2016, 2m intervals were introduced for RC pre-collar holes.</li> <li>The splitters collected a ~7% split from the primary lot with two 7% splits collected – the first for laboratory submission and second as a reference or field duplicate.</li> <li>Most samples were collected dry with &lt;2% of samples recorded as being split in moist or wet state.</li> <li>The main protocol to ensure the RC samples were representative of the material being collected was monitoring of sample recovery and collection and assay of replicate samples.</li> <li>Underground RC samples were collected using a rotating cone splitter at 1.5m sample intervals.</li> <li>DD – Primary sample:</li></ul></li></ul>



	ropicana – Sampling and Data
JORC Criteria	Explanation
	automated preparation facility was decommissioned in 2021. From 2021 onwards, samples have been prepared manually in a mixer mill.
	<ul> <li>From May 2016, a jaw crusher has been used to crush half and whole-core samples to a PSD of 100% passing 6mm allowing for core preparation at the SGS TGM onsite laboratory.</li> <li>Quality controls for representativity:         <ul> <li>SGS inserted blanks and standards at a 1:20 frequency in every batch with a duplicate pulp collected for assay every 20th sample. Further replicates were also completed at a 1:20 frequency in a random manner.</li> <li>Sieve checks were completed on 5% of samples to monitor PSD compliance.</li> <li>Genalysis inserted blanks and standards in every batch and a replicate pulp was collected for assay on every 25th sample and 6% of each batch was randomly selected for replicate analysis. Sieve checks were completed on 5% of samples to monitor PSD compliance.</li> <li>Tropicana laboratory use barren basalt, feldspar and quartz to clean equipment between routine samples.</li> </ul> </li> <li>Sample size versus grain size:         <ul> <li>Heterogeneity tests have been completed for Tropicana mineralisation with sample sizes and sub sampling methodologies deemed appropriate for the style of mineralisation under consideration.</li> <li>A 2008 sampling variability study found that 72% of the gold in the samples</li> </ul> </li> </ul>
	tested was in size fraction <300 mm, and that repeated sampling of the same lot have very low variance between replicates.
Quality of assay data and laboratory tests	<ul> <li>No geophysical tools have been used to determine any element concentrations material to the MRE.</li> <li>All MRE prepared pulps have undergone 50g fire assay followed by an atomic absorption or inductively coupled - plasma mass spectrometry to determine gold concentration, which is considered a total assay for gold.</li> <li>All laboratories have used industry-standard quality control procedures with standards used to monitor accuracy, replicate assay to monitor precision, blanks to monitor potential cross contamination and sieve tests to monitor PSD compliance.</li> <li>AGAA has also used other 'umpire' laboratories to monitor accuracy including Genalysis Perth (prior to November 2006 and 2016 to current), SGS Laboratory (from November 2006 to August 2007, June 2017 to June 2019) and ALS Perth (since August 2007), with these check assaying campaigns coinciding with each MRE update. All check assay results have been deemed acceptable.</li> <li>AGAA has reviewed the quality sample results on a batch by batch and monthly basis and has found that the overall performance of the laboratories used for MRE samples is satisfactory.</li> </ul>
Verification of sampling and assaying	<ul> <li>Significant drill hole intersections of mineralisation are routinely verified by AGAA's senior geological staff and have also been inspected by several independent auditors as described further below.</li> <li>Twin holes have been drilled to compare results from RC and DD drilling with the DD results confirming that there is no material down hole smearing of grades in the nearby RC drilling and sampling.</li> <li>All logging and sample data was captured digitally in the field using Field Marshall Software, prior to upgrade to Micromine's Geobank database in 2016. Data is downloaded daily to the Tropicana database (Datashed) and checked for accuracy, completeness and structure by the field personnel.</li> <li>Assay data is merged electronically from the laboratories into the Tropicana database (Datashed), with information verified spatially in Vulcan software. AGAA maintains standard work procedures for all data management steps.</li> <li>An assay importing protocol has been set up to ensure quality samples are checked and accepted before data can be loaded into the assay database.</li> <li>All electronic data is routinely backed up to AGAA's server in Perth and provided to RRL via FTP transfer.</li> </ul>



Section 1 – T	ropicana – Sampling and Data
JORC Criteria	Explanation
	<ul> <li>There have been no adjustments or scaling of assay data except for setting below detection limit values to half detection for MRE work.</li> <li>Pulp packets, pulp residues and coarse rejects are held in a secure laboratory warehouse once assay is completed offsite, available for return to AngloGold Ashanti warehouse for long term storage and retrieval and check assay campaigns as required. Pulp residues processed at the TGM onsite laboratory are stored within a secure warehouse managed by AngloGold Ashanti. Unprocessed cores and half-cores are stored in a core storage area at the mine site.</li> </ul>
Location of data points	<ul> <li>All completed drill hole collar locations of surface holes have been measured using real time kinematic global positioning (RTK GPS) equipment, which was connected to the state survey mark (SSM) network.</li> <li>The grid system is GDA94 Zone 51 using AHD elevation datum.</li> <li>Prior to 2007, drill hole path surveys have been completed on all holes using 'Eastman' single shot camera tools. Down hole gyro tools were used for all drilling post 2007.</li> <li>A digital terrain model was prepared by Whelan's Surveyors of Kalgoorlie from aerial photography flown in 2007, which has been supplemented with collar data surveyed using RTK GPS. This model is considered to have centimetre-scale accuracy.</li> <li>The MRE and ORE are on a local Tropicana Gold Mine grid (TMG), which is derived by a two-point transform from Map Grid Australia (MGA) and Australian Height Datum (AHD) as follows:</li> <li>Point 1:  — MGA Zone 51: 617.762.61mE = TMG: 50,000.00mE  — MGA Zone 51: 6,727,822.78mN = TMG: 95,000.00mN  — AHD elevation = TMG: MGA elevation + 2,000m</li> <li>Point 2:  — MGA Zone 51: 688,473.50mE = TMG: 50,000.00mN  — MGA Zone 51: 6,798,533.48mN = TMG: 195,000.00mN  — AHD elevation = TMG: MGA elevation + 2,000m</li> </ul>
Data spacing and distribution	<ul> <li>The drill hole spacing used to define MREs nominally ranges from 12.0mN by 12.0mE for grade control, to 25mN by 25mE to 100mN by 100mE (local grid) over most of the MRE area.</li> <li>Most of the open pit MRE has been tested on a 50mN by 50mE grid with closer spaced 25mN by 25mE patterns in the upper parts of the deposit.</li> <li>Open pit grade control is completed on a 12.0mN by 12.0mE pattern.</li> <li>Underground grade control is completed on a 12.5mN by 12.5mE pattern.</li> <li>The Boston Shaker underground MRE is drilled at 12.5mN by 12.5mE spacing for grade control, and 25mN by 50mE in the upper levels and out to 100mN by 100mE at deeper levels.</li> <li>The Tropicana underground MRE is drilled to 12.5mN by 12.5mE for grade control, and 25mN x 50mE spacing in the upper levels, and up to 100m by 100m at deeper levels.</li> <li>The Havana Deeps underground MRE has been drilled at 25mN by 50mE pattern in the upper area and out to 100mN by 100mE at deeper levels.</li> <li>Down-hole sample intervals are typically 1m, with 2m compositing applied for MRE work.</li> <li>The Competent Person considers that these data spacings are sufficient to establish the degree of geological and grade continuity appropriate for the MRE and ORE estimation procedures, and the JORC Code classifications applied.</li> </ul>
Orientation of data in relation to geological structure	<ul> <li>Most surface drill holes are oriented to intersect the shallowly east dipping mineralisation at a high angle and as such, the Competent Person considers that a grade bias due to the orientation of data in relation to geological structure is highly unlikely.</li> <li>Underground grade control and Mineral Resource definition drill holes intersect the orebody at lower angles due to platform limitations. However drilling density and</li> </ul>



Section 1 – T	ropicana – Sampling and Data		
JORC Criteria	Explanation		
	coverage is considered appropriate to define mineralisation and structure, supported with input from geological mapping of exposures inpit and underground.		
Sample security	<ul> <li>The chain-of-sample custody is managed by AGAA. Samples are collected in uniquely barcoded calico bags, which are then accumulated into polywoven bags for transport from the collection site.</li> <li>If necessary the accumulated samples are then loaded into wooden crates and road hauled to the respective offsite laboratories (Perth/Kalgoorlie). If being processed onsite at the TGM laboratory the samples are placed on racks ready to be processed by laboratory personnel.</li> <li>Sample dispatches are prepared by the field personnel using a database system linked to the drill hole data.</li> <li>Sample dispatch sheets are verified against samples received at the laboratory and any issues such as missing samples and so on are resolved before sample preparation commences.</li> <li>The Competent Person considers that the likelihood of deliberate or accidental loss, mix-up or contamination of samples is very low.</li> </ul>		
Audits or reviews	<ul> <li>Field quality control data and assurance procedures are reviewed on a daily, monthly and quarterly basis by AGAA's field personnel and senior geological staff.</li> <li>The field quality control and assurance of the sampling was audited by consultant Quantitative Geoscience in 2007 and 2009. The conclusion of the audit was that the data was suitable for MRE work.</li> <li>In 2017, MRE consultants from Optiro reviewed data collections and assay quality as part of an MRE review and found no material issues.</li> <li>In 2021, MRE consultants from SRK reviewed data collections and assay quality as part of an MRE review and found no material issues.</li> <li>In 2024, MRE consultants from Snowden-Optiro as part of an external Mineral Resource and Mineral Reserves audit reviewed data collections and assay quality as part of an MRE review and found no material issues.</li> </ul>		

Section 2 – Tropicana JV – Exploration Results			
JORC Criteria	Explanation		
Mineral tenement and land tenure status	<ul> <li>The TGM MREs are located wholly within WA mining lease M39/1096, which commenced on 11 March 2015 and has a term of 21 years (expiry 10 March 2036).</li> <li>TGM in a joint venture between AGAA (70%, Manager and Operator) and AFB Resources Pty Ltd a subsidiary of Regis Resources Ltd (RRL, 30%).</li> <li>Gold production is subject to WA State royalties of 2.5% of the value of gold produced.</li> <li>The Competent Person has confirmed that there are no material issues relating to native title or heritage, historical sites, wilderness or national parks, or environmental settings.</li> <li>The tenure is secure at the time of reporting and there are no known impediments to exploitation of the MRE and ORE and on-going exploration of the mining lease.</li> </ul>		
Exploration done by other parties	<ul> <li>AGAA entered a joint venture (JV) with IGO in early 2002 with the main target of interest being a Western Mining Corporation (WMC) gold soil anomaly of 31ppb, which was reporting in a WA government open file report. All exploration activities since 2002 have been managed by AGAA, with exploration strategy and results shared with the JV partner.</li> </ul>		



JORC Criteria	Explanation		
	<ul> <li>Prior to the 2002 JV, the WMC soil sampling program was the only known exploration activity and the only dataset available were WA government regional magnetic and gravity data.</li> </ul>		
Geology	<ul> <li>TGM is on the western margin of a 700km long magnetic feature that is interpreted to be the collision suture zone between the Archean age Yilgarn Craton to the west and the Proterozoic age Albany-Fraser Orogen to the east of this feature. The gold deposits are hosted by a package of Archean age high metamorphic grade gneissic rocks.</li> <li>Four distinct structural domains have been identified – Boston Shaker, Tropicana, Havana and Havana South, which represent the same mineral deposit disrupted by northeast striking faults that post-date the mineralisation.</li> <li>The gold mineralisation is hosted by a shallowly southwest dipping sequence of quartz-feldspar gneiss, amphibolite, granulite and meta-sedimentary chert lithologies.</li> <li>The gold mineralisation is concentrated in a 'favourable horizon' of quartz-feldspar gneiss, with a footwall of garnet gneiss, amphibolite or granulite.</li> <li>Mineralisation is characterised by pyrite disseminations, bands and crackle veins within altered quartz-feldspar gneiss. Higher grades are associated with close-spaced veins and sericite and biotite alteration.</li> <li>Mineralisation presents as stacked higher grade lenses within a low-grade alteration envelope.</li> <li>Geological studies suggest gold mineralization occurred during Archean Yilgarn orogeny and is linked to gold-rich syenitic intrusive. The deposit was metamorphosed to a high temperature gneiss (S1 fabric) at the end of the orogeny (&lt;2640Ma), cooled at ~2520Ma, and sheared and offset in the Mesoproterozoic (≤1207Ma).</li> </ul>		
Drill hole information	<ul> <li>A summary of the many holes used to prepare the MRE is not practical for this public report.</li> <li>The MRE gives a best-balanced view of all the drill hole information.</li> </ul>		
Data aggregation methods	No drill hole intercepts are reported.		
Relationship between mineralisation width and intercept lengths	<ul> <li>All surface MRE drilling intersects the mineralisation at a high angle and as such approximates true thicknesses in most cases.</li> <li>Underground drilling intercepts mineralisation at varying angles, however holes are planned to maintain effective intercepts.</li> </ul>		
Diagrams	RRL has included representative diagrams in the main body of the report and prior ASX public reports.		
Balanced reporting	The MRE is based on all available data and as such provides the best-balanced view of the TGM gold deposits.		
Further work	<ul> <li>Exploration drilling is continuing within the TGM tenement with a view to extending Mineral Resources and Ore Reserves down-dip and along strike of the currently known Resources.</li> </ul>		



	opicana JV – Exploration Results
JORC Criteria	Explanation
Criteria	<ul> <li>The basis of classification of the TGM MREs into different JORC Code confidence categories is predominantly drill hole spacing.</li> <li>Open pit:         <ul> <li>Measured Mineral Resources: average 25mE by 25mN collar spacing.</li> <li>Indicated Mineral Resources: average 50mE by 50mN collar spacing.</li> <li>Inferred Mineral Resources: average 100mE by 100mN collar spacing (or less) when evidence of geological or grade continuity is sufficient to support grade estimation.</li> </ul> </li> <li>Underground:         <ul> <li>Measured Mineral Resources: average 12.5mE by 12.5mN collar spacing.</li> <li>Indicated Mineral Resources: average 50mE by 25mN intercept spacing.</li> <li>Inferred Mineral Resources: average 100mE by 100mN collar spacing (or less) when evidence of geological or grade continuity is sufficient to support grade estimation.</li> <li>The underground MRE has been calculated using Mineable Shape Optimizer (MSO), using 1.70g/t cut-off. The underground MRE is then calculated as tonnes and grade inside the MSO volume at zero cut off.</li> </ul> </li> <li>AGAA considers that the Measured Mineral Resources support mine planning with a 90% confidence interval of ±15% on tonnage or grade on a quarterly production basis, with Indicated Mineral Resources having the same confidence but applicable on an annual production basis.</li> <li>The Competent Person considers this classification takes in to account all relevant factors such as data reliability, confidence in the continuity of geology and grades, and the quality, quantity and distribution of the data.</li> <li>The classification reflects the view of the Competent Person reporting the estimate.</li> </ul>
Audits or reviews	<ul> <li>The open pit MRE methodology was audited by MRE consultants Quantitative Geoscience in 2007, 2009 and 2011.</li> <li>MRE consultants Golder Associates audited the 2015 estimate in 2015.</li> <li>MRE consultants Optiro reviewed and endorsed the MRE prepared in November 2017.</li> <li>MRE consultants SRK reviewed and endorsed the MRE prepared in November 2021.</li> <li>MRE consultants Snowden-Optiro reviewed and endorsed the MRE prepared in July 2024.</li> <li>AGAA also conducts internal peer reviews on the completion of estimate updates.</li> </ul>
Relative Accuracy/ Confidence	<ul> <li>AGAA has carried out non-conditional simulation studies to confirm the relationship between drill spacing and 90% confidence interval assumptions and found the study results in agreement with the drill spacing classification criteria described above.</li> <li>The trial 10mE by 10mN grade control pattern drilled within a 100 by100m area during the project FS also confirmed the precision assumptions and confidence in the MRE in that area.</li> <li>Mine reconciliation for the life-of-mine to date is satisfactory.</li> </ul>

Section 3 – Tropicana JV – Mineral Resources		
JORC Criteria	Explanation	
Database integrity	<ul> <li>AGAA captures field data and drill hole logging directly into handheld devices or laptop computers using Geobank software.</li> <li>The drill hole data is managed in a SQL database utilitising a Datashed schema, which is an industry system well recognised for management of geoscientific drill hole information. Logging, assays and survey information is loaded directly into Datashed using data import routines, with loading procedures incorporating quality control checking.</li> </ul>	



Section 3 – Tropicana JV – Mineral Resources	
JORC Criteria	Explanation
	<ul> <li>Data is validated following loading through visual inspection of results on-screen both spatially and using database queries and cross section plots. Typical checks carried out against original records to ensure data accuracy include items such as overlapping records, duplicate records, missing intervals, end of hole checks and so on.</li> </ul>
Site visits	<ul> <li>The MRE Competent Person is actively involved in the management and supervision of the MRE work and has had direct involvement with the Tropicana Project for more than 11 years including 7 years employed on site. Site visits and contact with site-based personnel are routinely made.</li> </ul>
Geological interpretation	<ul> <li>To control the MRE process, three dimensional digital solids were prepared in LeapFrog software for the mineralised zones, and key geological units; dykes, shears and garnet-bearing gneiss.</li> <li>Mineralised solids were prepared using a nominal 30.3g/t Au drill hole cut-off grade to encompass the gold mineralisation targeted for MRE. The dykes, shears and garnet-bearing gneiss solids were prepared from geological and geotechnical logging codes and supported with input from geological mapping of exposures underground and in the pit and drillhole penetration data.</li> <li>Regolith units were prepared as digital surfaces below topography based on the geological logging.</li> <li>The resulting MRE models encompass the mineralisation, the post-mineralisation barren dykes, shears controlling higher grade mineralisation and mineralisation architecture, and the main waste rock units that are the footwall and hangingwall to the mineralisation.</li> </ul>
Dimensions	<ul> <li>The open pit MRE is reported within an open pit Lerchs-Grossman-Analysis (LGA) pit optimisation 'shell' based on a gold price of \$A2,447/oz (\$US1,750/oz) for Havana South, and life-of-mine pit designs for Havana. Tropicana and Boston Shaker open pits are completed.</li> <li>The underground MRE extends from the base of the open pit MRE below the open pit designs, extending down dip by up to a plan length of 1300m at Havana and Boston Shaker and 500m at Tropicana.</li> <li>The overall reported MRE has dimensions of approximately 5km along strike, up to 1.5km wide and up to 850m deep, spanning all the major deposits.</li> </ul>
Estimation and modelling techniques	<ul> <li>The TGM MRE was updated in August 2024:         <ul> <li>A single model was created to estimate both the open pit and underground MRE.</li> <li>Has been estimated from the drill hole data available to 21st June 2024, which included 28,914 drill holes for a total of 2,157km of drilling; 2,007 holes were DD for 723km and 2,927 holes were RC for 335km. An additional 23,980 RC Grade Control holes were used in the estimate (1099km).</li> <li>The drill hole data was composited to 2m lengths within geological estimation domains using Vulcan software.</li> <li>Grade top-cut or caps were applied to the composites after examining cumulative probability plots of the data. High-grade estimation limits were applied to limit the spatial spread of high grades in weakly mineralised domains and where reconciliation studies have confirmed the requirement of the techniques to calibrate the estimate.</li> <li>The composite data was declustered in each estimation domain using cell declustering with varying cell sizes, to determine a stable declustered mean grade.</li> <li>Gold continuity was interpreted for each estimation domain and grades for large panels were estimated using ordinary block kriging in Isatis software, with estimation panel dimension 24mE by 36mN by 12mElv.</li> <li>A multi-pass search was used to account for the different drill hole spacings after incorporating the grade control drilling into the estimate. A short search-radius was used to estimate blocks in and around the grade</li> </ul> </li> </ul>



Section 3 – Tropicana JV – Mineral Resources	
JORC Criteria	Explanation
	control data, with an expanding search up to 120m x 120m used for wider-spaced data.  Selective Mining Unit (SMU) grades were then estimated for each panel using the Local Uniform Conditioning (LUC) method, where the SMU grade distribution within each panel is estimated through a change of support correction, and the SMUs localised so the distribution within the panel reflects the local grade trends in nearby data. The information effect of 12mE by 12mN grade control information was accommodated in the change of support from panels to SMUs.  The SMU dimensions were set to prepare multiple SMUs per panel with SMU dimensions of 12mE by 12mN by 3mElv. The elevation heights nominally match the mining flitch heights applied at each area.  The estimate model was validated by comparing (input) data declustered means for each domain to the respective (output) block estimated grades both globally within each domain and locally using moving window 'swathplot'. On screen visual inspections were also completed in plan and section to ensure that the grade trends observed in the data were acceptably reproduced in the estimates without over extrapolation in areas of sparse drilling.  Comparison of the open pit MRE forecasts to mine production indicates acceptable forecasting performance for monthly, quarterly and annual reconciliation periods.
Moisture	Tonnages are estimated on a dry basis.
Cut-off parameters	<ul> <li>Open pit:         <ul> <li>The open pit estimate is reported within a pit optimisation shell with an assumed gold price of \$US1,750/oz (\$A2,447/oz) and cost assuming back-filling of pits where possible, and within the approved Havana Stage 3 pit design.</li> <li>On the basis described above, and assuming lower processing costs and higher metallurgical oxide ore, the cut-off are 30.3g/t Au for oxide MREs and 30.4g/t Au for transitional and fresh MREs.</li> </ul> </li> <li>Underground:         <ul> <li>The underground MRE cut-off grade uses a gold price of \$US1,750/oz (\$A2,447/oz) and underground mining and processing cost assumptions for fresh MRE.</li> <li>The cut-off grade for reporting the underground MRE on this basis is 1.70g/t Au.</li> </ul> </li> </ul>
Mining factors or assumptions	<ul> <li>The mining factors and assumptions for the open pit MRE consider the established mining method of conventional truck and shovel mining with blasting of 12m benches.</li> <li>Open pit ore is mined in four 1/4 blast height flitches using back-hoe configured excavators. Ore is predefined by 12mE by 12mN RC grade control drilling and 1m downhole sampling.</li> <li>The assumed open pit mining selectivity are the SMU dimensions assumed for the LUC estimates.</li> <li>The assumption for the underground MRE is long-hole open stoping between 18m levels.</li> <li>No MRE margin (extremal) dilution has been modelled in either estimate.</li> <li>Eventual prospects of economic extraction for the open pit MRE have been assessed through pit optimisation studies and reporting the MRE within pit designs and a pit optimisation shell.</li> <li>For the underground MRE fraction, stope optimiser software has been used to create potential stope shapes that have a grade that exceeds 1.70g/t Au. MSO outputs are further processed to filter isolated MSO volumes with no eventual prospects of economic extraction.</li> </ul>



Section 3 – Tropicana JV – Mineral Resources	
JORC Criteria	Explanation
Metallurgical factors or assumptions	<ul> <li>The ore processing method at TGM is well-established with conventional, crushing, grinding then carbon-in-leach (CIL) extraction of gold followed by electrowinning to produce gold doré bars.</li> <li>An average metallurgical recovery as described in Section 4 further below, has been assumed for both the open pit and underground MREs based on metallurgical testing completed as part of the FS for the Havana Open Pit in addition to subsequent testing for underground studies.</li> </ul>
Environmental factors or assumptions	<ul> <li>TGM operates under an environmental management plan that meets or exceeds all statutory and legislative requirements.</li> <li>Mined waste rock is disposed in waste dumps which are progressively rehabilitated as mining progresses with any potentially acid generating waste encapsulated in non-acid generating material.</li> <li>A tailing storage facility is used to contain and capture process residues.</li> <li>The mine produces rehabilitation plans for ongoing rehabilitation and mine closure plans, and the costs are included in the ORE financial model.</li> </ul>
Bulk density	<ul> <li>AGAA routinely collects in situ bulk density measurements on ~10cm long core segments using the Archimedes Principle method of dry weight versus weight in water. There are &gt;206,000 density measurements in the estimation database with ~98% of measurements from fresh rock and the remainder in the regolith or cover.</li> <li>Measurements are collected over 1 to 5m intervals targeting intervals that are deemed representative of key lithologies in fresh rock. Density has been collected on core within the regolith from 'core-from-surface' drill holes, with the measurement method accounting for voids.</li> <li>Depending on rock type density ranges of 1.89 to 2.18 t/m³ in the saprolite and ranges from 2.56 to 2.96 t/m³ in the transitional and fresh rock domains.</li> <li>Density is estimated by OBK in the MREs apart from a few minor domains with sparse data (such as the regolith), where density is assigned as a mean of the data.</li> </ul>

Section 4 – Tropicana Gold Mine – Ore Reserves	
JORC Criteria	Explanation
Mineral Resource estimate for conversion to Ore Reserves	<ul> <li>The MRE used for the open pit ORE is described in the preceding sections of this JORC Table 1.</li> <li>The estimate used for the underground ORE study is the underground MRE described in the preceding sections of this JORC Table 1.</li> <li>The TGM MREs are reported inclusive of the open pit and underground OREs.</li> </ul>
Site visits	The Competent Person for the TGM Open Pit ORE has an extensive knowledge of the operation and regular contact with personnel providing key inputs to the estimate. The Competent Person for the TGM Underground ORE is site based, has a good knowledge of the operation and regular contact with personnel providing key inputs to the estimate.
Study status	<ul> <li>Open pit:         <ul> <li>The Open Pit ORE is a subset of the 2024 TGM Business Plan. Mine design using conventional open pit mining methods and current processing operations confirming that the mine plans are technically feasible and economically viable.</li> </ul> </li> <li>Underground:         <ul> <li>The Underground ORE is a subset of the 2024 TGM Business Plan. Mine design using conventional underground mining methods and current processing operations confirming that the mine plans are technically feasible and economically viable.</li> </ul> </li> </ul>



Section 4 – Tropicana Gold Mine – Ore Reserves	
JORC Criteria	Explanation
Cut-off parameters	<ul> <li>Open pit:         <ul> <li>The open pit ORE cut-off grade is reported within a pit design with an assumed gold price of \$US1,400/oz (\$A2,090/oz) and costs assuming some back-filling of pits.</li> <li>The open pit ORE is reported above a cut-off grade of 0.5g/t Au.</li> </ul> </li> <li>Underground:         <ul> <li>The underground ORE cut-off grade has been determined at a gold price of \$US1,400/oz (\$A2,090/oz) and aligns the life of the underground project with the open pit.</li> <li>The cut-off grade used to define the underground mine plan is 3.0g/t Au at Havana, 2.70g/t at Boston Shaker and 2.10g/t at Tropicana.</li> </ul> </li> <li>Costs include processing and maintenance fixed and variable costs, general administration costs, ore premium including re-handle and overhaul, closure costs and all non-mining related stay-in-business capital expenses. Underground costs include development and stoping costs.</li> </ul>
Mining factors or assumptions	<ul> <li>Open pit:         <ul> <li>The open pit material is scheduled to be mined using conventional methods using a large hydraulic shovel/excavator fleet matched with large rear dump trucks. The pits are designed based on 12m benches.</li> <li>Mid bench wall angles for the open pit designs range between ~45° for oxide and 70-90° for fresh rock. Conventional drill and blast techniques are used to break the rock.</li> <li>Within the open pit MRE model, ore loss and dilution are accounted for in the selectivity of the SMU sizes volume, as such no further factors are applied.</li> </ul> </li> <li>Underground:         <ul> <li>The underground is designed using conventional longitudinal and transverse stoping method. In areas where the orebody footwall dips shallower than 40°, the stope footwall is designed to an angle of ~40°.</li> <li>Level spacing varies depending on orebody dip, with shallower dipping areas of the orebody having a smaller level spacing. Level spacing from 25m to 17.5m in Boston Shaker and Havana and 25m to 15m in Tropicana.</li> <li>Planned mining dilution for the underground operation has been designed into the mining shapes, with a further 10% unplanned dilution factor applied.</li> <li>Mining recovery of development ore is assumed to be 100% and production ore is assumed to be 92% for Boston Shaker and Tropicana and 90% for Havana.</li> </ul> </li> <li>Inferred Mineral Resources are excluded from both the open pit and the underground OREs.</li> </ul>
Metallurgical factor or assumptions	<ul> <li>The metallurgical process for TGM's ores is established and is a process flow of crushing, high pressure grinding rolls, milling, and the recovery of gold through CIL and electrowinning to produce gold bars.</li> <li>Gold recovery factors are based on extensive metallurgical testing and range from 87.3% from the open pit and 88.9% for the underground.</li> <li>No deleterious elements are present in the open pit or underground ores.</li> <li>In the project FS, pilot scale metallurgical testing was carried out on large diameter (PQ) core collected in a spatially representative manner from the deposit.</li> <li>To date metallurgical recoveries have been consistent with the forecasts from these studies.</li> <li>As a gold mine, the gold doré bars produced are not subject to any specification requirements.</li> </ul>
Environmental	TGM operates under an environmental management plan that meets or exceeds all statutory and legislative requirements.



	picana Gold Mine – Ore Reserves
JORC Criteria	Explanation
	<ul> <li>Rock waste is disposed in waste dumps which are progressively rehabilitated as mining progresses with any potentially acid generating waste co-mingled with non-acid generating material and encapsulated in non-acid generating material.</li> <li>A tailing storage facility is used to contain and capture process residues.</li> <li>The mine produces rehabilitation plans for ongoing rehabilitation and mine closure plans, and the costs are included in the ORE financial model.</li> </ul>
Infrastructure	<ul> <li>All major infrastructure required for the current mining and processing is in place, with sustaining capital cost for infrastructure included in the financial model.</li> <li>There is appropriate allowance for new infrastructure to support the underground ORE additions, with this also considered in the financial model.</li> <li>The owner and contractor staffing are fully complete, with personnel sourced on a fly-in-out basis from Perth or Kalgoorlie.</li> </ul>
Costs	<ul> <li>The capital cost of removing waste overburden is included in the evaluation of the applicable pit or underground mine designs.</li> <li>Mining operating costs are provided by the mining contractor and other costs are derived from the mine operating budget.</li> <li>There are no deleterious elements and as such related costs are not relevant.</li> <li>The source of \$A:\$US exchange rates is AGAA corporate guidance.</li> <li>Transportation charges for gold doré bars is relatively minor and are charged on a contract basis with the refinery.</li> <li>Treatment and refining charges are included in the refining contract and there are no specification ore penalties associated with treatment and refining.</li> <li>WA State royalties are levied at 2.5% of the value of gold produced, with an additional 1% considered in the financial evaluation to account for uncertainty related to native title legislation.</li> </ul>
Revenue factors	<ul> <li>The assumption for gold prices for ORE is based on corporate guidance and assessment of historical prices.</li> <li>The A\$ to US\$ exchange rate (FX) is also based on corporate guidance and assessment of historical exchange rates.</li> </ul>
Market assessment	<ul> <li>No market assessment has been completed for TGM ORE given the ready saleability of gold.</li> <li>RRL's share of TGM's gold is sold to the Perth mint or through agreements with several financial institutions.</li> </ul>
Economic	<ul> <li>The inputs into the economic analysis for the underground ORE update have already been described above in previous subsections.</li> <li>The economic evaluation has been carried out on a real basis (adjusted for inflation) with rates provided by AGAA corporate.</li> <li>The confidence in most of the economic inputs is high as TGM is an operating mine and as such, operating and capital costs are well understood.</li> <li>The confidence in metal prices and exchange rates is consistent with routine industry practices with the data derived from reputable forecasters.</li> <li>The discount rate used for NPV calculations is derived from the weighted average cost of capital in Australia.</li> </ul>
Social	TGM has all necessary agreements in place with key stakeholders and matters leading to social licence to operate.
Other	<ul> <li>There are no material naturally occurring risks associated with the TGM.</li> <li>There are no material legal agreements or marketing arrangements not already discussed in prior sub sections of this table.</li> <li>There are no unresolved third-party matters hindering the extraction of the open pit or underground OREs.</li> <li>Necessary government and statutory approvals are current.</li> </ul>
Classification	The TGM open pit and underground OREs have been classified into Proved and Probable Ore Reserve as per the JORC Code classification based on the underlying MRE classification in the MRE model, with Measured Mineral



Section 4 – Tropicana Gold Mine – Ore Reserves	
JORC Criteria	Explanation
	Resources converted to Proved Ore Reserves, and Indicated Mineral Resources converted to Probable Ore Reserves.  The classifications applied to the estimate are consistent with the opinion of the Competent Persons reporting both the open pit and underground OREs.
Audits or reviews	The current open pit and underground OREs have been reviewed internally by AGAA technical personnel.
Discussion of relative accuracy and confidence	<ul> <li>AGAA has carried out simulation to quantify the confidence in the open pit and underground OREs – refer to the commentary at the end of Section 3 above.</li> <li>The main driver of accuracy and confidence is the spacing of the pre-production drilling, which is captured in the MRE JORC Code classifications underpinning the underground OREs.</li> <li>Confidence in the open pit and underground inputs is high given the mine is in operation and costs, prices and recoveries are well understood.</li> <li>The open pit and underground ORE estimates are considered to have sufficient local accuracy to support mine planning and production schedules with Proved Ore Reserves considered a reliable basis for quarterly production targeting and Probable Ore Reserves reliable for annual production targets.</li> <li>Confidence in the mine design and schedule are high as mining rates and modifying factors are based on actual site performance. Mine designs are consistent with what has been effective previously.</li> <li>The mine to mill reconciliation data to date indicates the forecast precision of the open pit estimates is good with the ORE being slightly conservative.</li> </ul>