



for the period ending 31 March 2017

#### Corporate

- Westgold group EBITDA for the quarter was \$19.5 million (un-audited).
- Significant share register changes occurred during the quarter with APAC reducing from 12.79% to 9.18%, Jinchuan Group Limited reducing from 7.22% to 0% with new holders Van Eck GDXJ appearing at 10.98% (9.83% after the end of the quarter) and JPMorgan Chase at 6.70%.
- Westgold closed the quarter with cash, and net working capital of \$76.2 million and no corporate debt.
- Gold hedging at the end of the quarter stood at 134,266 ounces at A\$1,651 per ounce. In addition, the gold pre-pay (un-earned revenue) amortised to 7,500 ounces at A\$1,550 per ounce.
- A sale option and toll processing agreement was reached with RNC Minerals Ltd for the SKO operations.
- Westgold's new Director of Operations commenced work on 2 January 2017.

#### **Gold Operations**

- The Gold Operations were hampered by weather disruptions impacting productivity and ore cartage operations causing gold output to reduce 64,139 ounces produced (including Cannon) with 61,855 ounces sold.
- Group operating costs (C1) averaged A\$1,104 per ounce and up slightly higher due to fixed costs spread over lower output and additional remedial costs dealing with the effects of flooding. Group AISC averaged A\$1,250/oz per ounce for the quarter.
- Westgold commenced its second underground mine at the CMGP with the Comet mine starting on 30/12/2016.
- Significant capital expenditure occurred at the CMGP with further advance of capital mine development at Paddy's Flat, Comet and the dewatering of the Big Bell underground mine. In addition to waste cut-backs on the Jack Ryan, Surprise and Mickey Doolan open pits.
- Progress towards the completion of refurbishment of the Fortnum process plant was also hampered by both electrical issues and wet weather impacting access. The plant is expected to commence wet commissioning by the end of April 2017. Capital expenditure at Fortnum during the quarter was \$11.73 million.

#### Exploration

- At Higginsville exploration under lake sediments continued to return significant gold anomalies at the Republican and Implausible prospects. RC drilling returned best results of 12m @ 7.71 g/t Au from 18m in MITA150 and 5m @ 24.17g/t Au from 26m in MITA164 at the Mitchell prospects. Also 6m @ 3.7 g/t Au from 10m in MUSR180 and 10m @ 2.25g/t Au from 19m in MUSR219.
- At SKO, drilling into HBJ deeps has returned some excellent results with the best being 31.73m @ 7.26 g/t Au from 254m in HBJUG265 and 22.4m @ 7.79 g/t Au from 86m in HBJUG311.

Peter Cook	Steve Norregaard	Rod Corps
Managing Director	Director of Operations	Manager – Investor Relations
peter.cook@westgold.com.au	steve.norregaard@westgold.com.au	rod.corps@westgold.com.au

Westgold Resources Limited ACN 009 260 306

t: +61 8 9462 3400 | e: reception@westgold.com.au | w: www.westgold.com.au PO Box 1353 West Perth WA 6872 | Level 3, 18-32 Parliament Place, West Perth WA 6005

## **Gold Operations**

Total gold production for the quarter was 64,139 ounces of which 17,898 ounces was attributable to Cannon where Westgold has a 50% profit share. Cash operating costs (C1) averaged A\$1,104 per ounce (C2 – including royalties averaging \$1,182 per ounce). All-in sustaining costs estimates (AISC) across the group averaged A\$1,250 per ounce.



Overall performance for the gold group was hampered by the impacts of numerous bouts of adverse weather and flooding which broke the run of four consecutive quarter or quarter increases in gold output. Group gold production was down 15% on the previous quarter and group annual guidance for Calendar 2017 has been revised to 340,000 ounces. The CMGP continued its ramp-up during the quarter with significant investment in future growth projects. SKO benefited from Cannon ore dominating the plant capacity. Safety stats for the Gold Division for the quarter are summarised below:

Site	LTI	LTIFR	TRIFR
Higginsville	0	0	67.33
South Kal	0	4.43	85.57
СМСР	0	0.88	91.89
Fortnum	0	10.95	87.61

Physical and financial outputs for the Gold Division are summarised below:

		HGO	SKO	Cannon* (profit share)	CMGP	FGP	Group Qtr Total
Physical Summary	Units						
ROM - UG Ore Mined	t	-	52,547	-	116,962	-	169,509
UG Grade Mined (Inc. LG)	g/t	-	3.37	-	3.55	-	3.49
ROM - OP BCM Mined	всм	711,011	18,220	110,758	919,654	-	1,759,643
OP Ore Mined	t	228,129	19,139	97,106	54,861	-	399,235
OP Grade Mined	g/t	1.84	2.77	3.26	2.06	-	2.26
All Ores Processed	t	286,539	94,600	177,082	382,042	-	940,263
Head Grade	g/t	1.89	2.82	3.47	2.20	-	2.41
Recovery	%	87.62%	89.16%	90.54%	86.57%	-	87.90%
Gold Produced	oz	15,267	7,646	17,898	23,328	-	64,139
Gold Sold	oz	16,424	9,581	14,262	21,588	-	61,855
Achieved Gold Price	A\$/oz	1,620	1,628	1,598	1,615	-	1,613
Cost Summary							
Mining	A\$/oz	547	1,071	265	813	-	628
Processing	A\$/oz	562	69**	246	365	-	343
Admin	A\$/oz	139	37	47	162	-	110
Stockpile Adj	A\$/oz	169	72	-	(71)	-	23
C1 Cash Cost (produced oz)	A\$/oz	1,418	1,248	558	1,270	-	1,104
Royalties	A\$/oz	100	43	28	96	-	72
Marketing/Cost of sales	A\$/oz	2	3	-	1	-	1
Sustaining Capital	A\$/oz	(1)	270	-	99	-	68
Corporate Costs/Reclam., etc	A\$/oz	7	14	-	5	-	5
All-in Sustaining Costs	A\$/oz	1,525	1,578	586	1,471	-	1,250
Project Startup Capital	A\$'M	\$0.44	\$2.05	-	\$14.34	\$11.73	\$28.56
Exploration & Holding Cost	A\$/oz	83	76	-	111	-	69
Depreciation & Amortisation	A\$/oz	257	500	_	299	-	229

\* Westgold has a 50% profit share from cash surplus generated from Cannon Pit. Note: Financials are un-audited numbers.

\*\* South Kal processing cost are net of toll processing credits.

Year-to-date (2016-2017) physical and financial outputs for the Gold Division are summarised below:

		HGO	<b>SKO</b>	Cannon* (profit share)	CMGP	FGP	Group Qtr Total
Physical Summary	Units						
ROM - UG Ore Mined	t	300,925	193,252	-	332,362	-	826,539
UG Grade Mined (Inc. LG)	g/t	3.99	2.81	-	3.44	-	3.49
ROM - OP BCM Mined	всм	1,929,110	602,135	1,028,113	3,580,760	-	7,140,117
OP Ore Mined	t	496,096	107,227	366,652	581,988	-	1,551,963
OP Grade Mined	g/t	2.15	2.72	3.20	1.85	-	2.32
All Ores Processed	t	896,582	360,001	391,462	1,200,666	-	2,848,711
Head Grade	g/t	2.58	2.59	3.16	2.17	-	2.49
Recovery	%	91.51%	90.09%	90.78%	87.24%	-	89.43%
Gold Produced	ΟZ	68,387	27,127	36,143	72,879	-	204,537
Gold Sold	ΟZ	67,092	28,219	34,952	71,196	-	201,459
Achieved Gold Price	A\$/oz	1,651	1,666	1580	1,653	-	1,641
Cost Summary							
Mining	A\$/oz	603	1,070	357	765	-	679
Processing	A\$/oz	334	89**	269	327	-	288
Admin	A\$/oz	104	45	51	157	-	105
Stockpile Adj	A\$/oz	(23)	106	-	(88)	-	(25)
C1 Cash Cost (produced oz)	A\$/oz	1,019	1331	678	1,160	-	1,047
Royalties	A\$/oz	141	44	34	87	-	90
Marketing/Cost of sales	A\$/oz	2	2	-	2	-	1
Sustaining Capital	A\$/oz	30	201	-	75	-	64
Corporate Costs/Reclam., etc	A\$/oz	7	17	-	3	-	6
All-in Sustaining Costs	A\$/oz	1,198	1,572	711	1,328	-	1,208
Project Startup Capital	A\$'M	\$3.59	\$8.0	-	\$34.92	\$17.16	\$63.67
Exploration & Holding Cost	A\$/oz	64	114	-	112	-	77
Depreciation & Amortisation	A\$/oz	333	419	-	263	-	261

# Central Murchison Gold Project (CMGP)

The CMGP is the largest of Westgold's four key gold projects with a total mineral resource of 7.74 million ounces (108.7 million tonnes at 2.21 g/t Au). Total mining reserves currently stand at 1.92 million ounces (22.8 million tonnes at 2.63 g/t Au) – refer to ASX announcement of 18 August 2016 for detail.

Considering the 10yr + initial mine life, the short-term objective of the CMGP was to re-establish gold production from a series of open pit sources whilst it progressively re-established four key underground mines, which when operational would become the long-term feedstock for the project.

The first of these underground mines, Paddy's Flat is now in a steady-state and produced 111,433 tonnes at 3.52 g/t Au during the quarter and 332,843 tonnes at 3.44 g/t Au for the year to date. Significantly, development has advanced to the stage where an ongoing supply of bulk tonnage stopes on the Prohibition lodes are able to be mined, including the crown pillar which saw ore production in March 2017 increase to 55,507 tonnes at 3.52 g/t Au and put the mine well on track for its annual budget contribution of 500,000 tonnes at 3.5 g/t Au.

The second underground mine at CMGP, the Comet Mine commenced late in the December quarter with the portal being established. Some 1,050 metres of decline and level advance was achieved during the quarter including 429 metres of lode development yielding 18,651 tonnes at a grade of 3.94 g/t Au. So far development has shown the ore to be slightly better than expectations with the mine plan being to complete another of full quarter of ore development prior to ore stoping commencing. Comet is a smaller mine which is contemplated to provide an output bridge whilst the large bulk tonnage Big Bell mine ramps up to full production. Comet has a mining reserve of 165,547 ounces (1.5 million tonnes at 3.43 g/t Au) and is expected to produce at approximately 360,000 tonnes per annum.

Dewatering of the Big Bell mine continued to advance with initial exposure to the upper part of the decline now well exposed. Access back into the underground for refurbishment is expected to be regained in the second half of calendar 2017.

The re-establishment of production from the Big Bell mine will be the catalyst for a major step up in output for the CMGP with the mine planned to produce approximately 1 million tonnes at 3.5 g/t Au and over 100,000 ounces per annum at steady-state in its own right.

Open pit mining continues to be the main source of ore feed and is progressively being replaced by higher grade underground sources. Open pit mining is currently taking place in the Jack Ryan, Surprise and Mickey Doolan open pits with waste stripping also commencing in the Cullculli Open pit. In all pits, significant waste stripping to expose ore was completed during the quarter. In the previous quarter, open pit mining was hampered by slope stability hindrances in shallow oxide zones resulting in additional minor cut-backs to be endured. This was exacerbated during the current quarter by heavy rains and local flooding impacting the access to pits for remedial works. As a consequence, open pit production was well below quarterly target at 54,861 tones at 2.06 g/t Au taking the open pit year total to 581,988 tonnes at 1.85 g/t Au. These productivity impacts also had a negative impact on efficiency and in turn unit costs as the large proportion of fixed costs were spread over fewer ounces mined. This situation is short term with a turn around in the ensuing quarter contemplated.

Overall the CMGP Cash operating costs (C1) increased by 17% over the previous quarter to A\$1,270 per ounce and the YTD total to A \$1,160 per ounce. Similarly, the impacts increased AISC estimates for the quarter increased by 14% to \$1,471 per ounce and the YTD total to A\$1,328 per ounce.



### **CMGP Exploration and Development**

In the Central Murchison, Prohibition has once again provided some very significant intersections from drilling this quarter. Results such as **35.6 m at 4.62 g/t Au from 26 m in 17PRDD046** and **32.7 m at 4.44 g/t Au from 108 m in 17PRDD058A** demonstrate the immense potential of this system having never been mined in a significant underground context. Pleasingly the zones that have produced these intersections are setdown for near-term production, with 17PRDD058A sitting within the 1280 Level stoping horizon, and the area defined by 17PRDD046 featuring in the Prohibition Crown Pillar extraction sequence, which will be mined over the forthcoming quarter.

Additionally, the Vivian - Consol's section of the Paddy's Flat mine continues to produce some outstanding exploration results. Examples such as **5.43 m at 25.7 g/t Au from 28 m in 17VIDD034** targeting the alteration halo around the historic Consol's stopes shows the immense near-term potential of extracting the remnant mineralisation adjacent to these historic production sources. More significantly, underground development will soon be in a position where effective drill testing of virgin mineralisation below the lowest levels of the historic Consol's mine will be possible. The Company is of the strong view that this work will have significant benefits for the long-term future of the Central Murchison Project's flagship mine.

On the project development front, a drill program testing the northern plunge extension of the Jack Ryan mineralisation was completed this quarter. This program assessed the potential of Jack Ryan to support a small-scale underground operation upon completion of open pit mining. Results such as **37 m at 2.41 g/t Au** from 185 m in 17JRRC002 and **30 m at 2.41 g/t Au from 183 m in 17JRRC003** demonstrate the robustness of the mineralised zone, with preliminary underground design work to be undertaken during the forthcoming quarter.

# **Higginsville Gold Operations (HGO)**

Following the completion of the Trident Underground Mine in the previous quarter Higginsville had its first quarter without contribution from higher grade underground ores. The change in ore feeds has proved more challenging than expected. Different ore characteristics impacted crusher and screen throughputs and additional down-time on the crushing circuit during the quarter reduced average throughput and productivity. Remedial and temporary portable crushing introduced to counter this negatively impacted cost. Significant maintenance works have since corrected the circuit. Weather issues and delays in ore cartage on dirt roads added to the problem with the combined impacts causing lower gold production.

Quarterly gold production for HGO was 15,267 ounces. Cash costs (C1) were higer at \$1,418 per ounce and AISC were \$1,525 per ounce.

Mining will continue from Mt Henry and Fairplay open pits during the ensuing quarter with significantly lower costs and higher output expected with the issues that plagued the current quarter being resolved.



### Higginsville Exploration & Development

The major focus of drilling operations at Higginsville this quarter has been a substantial campaign of grade control work at Mount Henry in support of the next phase of open pit expansion along the 4 km strike length of this very significant resource. Consequently resource development and exploration actives have been temporarily scaled back, with development works being restricted to the Mitchell series of palaeochannel deposits and the Musket prospect to the east of the process plant.

A series of new pits and existing pit cut-backs are planned for the next financial year at Mitchell. These open pit operations will supplement feed to the Higginsville mill from the Mount Henry mining centre. To support the Mitchell pits start-up, a series of infill, validation and extensional drilling programs are in progress. To date the Company has been very pleased with the results returned which include **9 m at 3.23 g/t Au from 33 m in MITA0129**, **12 m at 7.71 g/t Au from 18 m in MITA0150** and **5 m at 24.17 g/t Au from 26 m in MITA0164**. These results are providing significant encouragement that the Mitchell deposits will underpin a low-cost mining centre in close proximity to the Higginsville Processing plant.

Further drilling at Musket advanced that prospect toward mining studies with best intercepts being **6 m @ 3.7** g/t Au from 10 m in MUSR180 and 10 m @ 2.25 g/t Au from 19 m in MUSR219.

# South Kalgoorlie Operations (SKO)

Mining at South Kalgoorlie continued with the majority of plant processing capacity applied to the Cannon Project where Westgold has a 50% profit share arrangement. Whilst this provided some capacity for owner ores from HBJ and Georges Reward to be processed, there remained a process of stock-building at the mine from most sources.

Total output for the SKO plant increased to 25,544 ounces. Directly attributable processing for the quarter was 94,600 tonnes at 2.82 g/t Au at 89.16% recovery to yield 7,646 ounces. An additional 177,082 tonnes at 3.47 g/t Au at 90.54 % recovery for 17,898 ounces produced came from the Cannon mine.

Underground production from HBJ was impacted by flooding in the lower levels during the quarter which slowed the commencement of production from new stoping areas and development into the deeper virgin lodes. Mine output for the quarter was 52,547 tonnes at 3.37 g/t with the grade increase reflecting the dominance of ore sourced from development with a lesser amount of ore coming from stoping operations. Open pit mining at the wholly owned Georges Reward Pit at Bulong had production of 19,139 tonnes at 2.77 g/t Au sourced from the final benches of the pit.

On a consolidated output basis (applying only the 50% profit share interest from Cannon) the overall financial performance for SKO was 25,544 ounces at cash operating costs of A\$765 per ounce of gold produced with AISC were estimated at A\$883 per ounce for the quarter. YTD output increased to 63,270 ounces with the project on track to deliver its planned 80,000 ounces output for the financial year.



#### SKO – Exploration & Development

At South Kalgoorlie the exploration team has moved to rapidly exploit last quarter's successful conceptual exploration discovery at Rinjani along the Zuleika shear zone, as it extends south into Westgold's tenure from the prolific Kundana gold camp. Infill drilling within the currently defined footprint of the Rinjani mineralisation has been undertaken, with a maiden resource in the process of being calculated. It is expected that initial pit design and permitting work will occur during the ensuing quarter to allow explicitation of an initial Rinjani open pit into the SKO surface mining program early in the coming financial year.

At the HBJ underground mine some very significant intersections on a gram metre basis have been returned this quarter from areas ahead of the mining front. Results such as **31.73 m at 7.26 g/t Au from 254 m in HBJUG0265** (Jubilee D Block), **41.5 m at 2.35 g/t Au from 67 m in HBJUG0291** (COZ B Block) and **22.4 m at 7.79 g/t Au from 86 m in HBJUG0311** (SOZ C Block) demonstrate the immense scale of this resource, with HBJUG0311 being of particular interest as it falls within the 1850 level stoping horizon which is destined for extraction in the near term.

## Cannon Gold Mine (WGX 50% Profit Share)

Westgold has a financing and profit sharing agreement with Southern Gold Limited over the Cannon Mine at Bulong in Western Australia. Pursuant to this agreement, Westgold manages all technical aspects of the mining operation as well as funding all costs involved with the operation of the mine.

Open pit mining was completed at Cannon after both heavy rains and slope stability in the hangingwall ultramafic units brought mining to halt earlier than anticipated. The final high grade blocks within the pit are planned to be extracted by a temporary underground ramp access. Further evaluation and negotiations on more extensive underground mining of underground ore positions within the combined Cannon and Georges Reward zones are planned.

## Fortnum Gold Project (FGP)

Works on the refurbishment of the Fortnum plant made significant progress with dry commissioning of the front end of the plant being completed subsequent to the end of the quarter.

A detailed assessment of the electrical switchgear in the plant that controls the main milling processes has showed that the area was high risk and capable of impacting long-term operations. A decision was made to completely replace the majority of this aged equipment which has led to a delay to completion and ultimate wet commissioning. It is now expected that the process plant will commence commissioning late in April.

During the quarter start-up capital of \$11.73 million was spent taking the total to date \$17.16 million. Engineering costs for plant refurbishment will end up slightly above budget, however significant progress has been made on the dewatering of the Starlight Underground mine allowing for a potential earlier commencement and site accommodation capacity has been expanded and upgraded significantly in anticipation of this.

Open pit mining commenced subsequent to the end of the quarter with first ores planned from the Tom's Pit. A larger open pit contract for three years of open pit ore feed is planned to be awarded for a start of mining in June 2017 quarter.

Ore processing will commence on low grade stockpiles which will be progressively replaced by higher grade ores from open pit and then with underground ores early in 2018. Guidance for the remainder of the calendar year has been revised to 37,000 ounces.

#### Fortnum Exploration & Development

In parallel with mill commissioning works and geological preparation for the commencement of open pit mining operations at the Company's newest gold project, resource development activities have continued during the quarter at the Fortnum Gold Project.

This resource development work has been focussed at the Horseshoe mining centre, which is approximately 30km south east of the refurbished Fortnum processing plant. This work has consisted predominately of resource validation and extensional drilling withbetter results including **18.3 m at 2.95 g/t Au from 177 m in MXD0011** at Cassidy, along with **9.5 m at 2.76 g/t Au from 154.5 m in MXD0021** and **2.8 m at 10.23 g/t Au from 169 m in MXD0021** at Horseshoe.

These results will be incorporated into an updated resource and reserve model and mine design during the ensuing quarter.

## **Rover Project**

No on ground exploration work was conducted in the Northern Territory during the quarter.

# Corporate

Westgold closed the quarter with cash, and working capital of A\$ 76.2 million.



The following waterfall chart shows cash movements during the quarter:

#### **Corporate Structure**

Westgold has the following Corporate Structure:

- 304,671,487 Fully Paid Ordinary Shares.
- 11,000,000 Employee options convertible at \$2.02 per share (after vesting conditions).

### Gold Hedging

Gold hedging at the end of the quarter stood at 134,266 ounces at an average price of A\$1,651 per ounce. Predeliveries into hedges have occurred in a strategy to maximise sales prices at all times. In addition, Westgold has 7,500 ounces remaining in its Gold Pre-pay arrangement which sits as un-earned income on the balance sheet and is repaid at 1,250 ounces per month with pre-pay settled at \$A1,550/oz.

# **CENTRAL MURCHISON GOLD PROJECT**

### UNDERGROUND DRILLING RESULTS

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Fatts	16VIDD218	7,056,121	650,030	331	0.8m at 7.92g/t Au	12	2	99
	16VIDD222	7,056,121	650,030	330	19m at 1.84g/t Au	127	-1	150
					34.89m at 2.31g/t Au	149		
					6m at 1.46g/t Au	270		
	16VIDD223	7,056,120	650,029	330	9m at 3.96g/t Au	4	-4	140
					46m at 2.83g/t Au	112		
Mudlode	17VIDD038	7,056,461	650,305	324	3m at 2.09g/t Au	53	5	106
					2m at 26.92g/t Au	60		
	17VIDD040	7,056,459	650,305	324	4m at 8.1g/t Au	62	7	93
					4.5m at 1.93g/t Au	176		
	17VIDD041	7,056,459	650,305	324	13m at 3.8g/t Au	104	7	82
Prohibition	16PRDD175	7,056,395	649,991	312	38m at 2.16g/t Au	108	-4	300
	16PRDD234	7,056,396	649,991	312	4m at 4.44g/t Au	123	9	284
					17.16m at 3.32g/t Au	130		
	16PRDD235	7,056,396	649,991	312	35m at 3.94g/t Au	114	9	293
	17PRDD036	7,056,396	649,991	312	2m at 3.32g/t Au	115	-7	271
					3m at 9.4g/t Au	120		
					3m at 3.73g/t Au	128		
					2.07m at 13.05g/t Au	136		
					4.51m at 3.36g/t Au	144		
					13m at 4.66g/t Au	153		
	17PRDD045	7,056,434	649,909	334	20.6m at 2.5g/t Au	35	18	290
	17PRDD046	7,056,452	649,916	334	35.6m at 4.62g/t Au	26	19	288
	17PRDD047A	7,056,459	649,918	334	6.1m at 2.53g/t Au	19	16	292
		7,056,459	649,918	334	4.5m at 3.36g/t Au	29		
		7,056,459	649,918	334	29.5m at 3.23g/t Au	37		
	17PRDD048	7,056,484	649,931	334	1.95m at 3.45g/t Au	38	16	288
		7,056,484	649,931	334	22.75m at 2.07g/t Au	54		
	17PRDD049	7,056,492	649,938	335	16m at 2.91g/t Au	33	19	288
		7,056,492	649,938	335	11.5m at 2.81g/t Au	55		
	17PRDD051	7,056,512	649,946	335	14.2m at 2.48g/t Au	74	20	288
		7,056,512	649,946	335	8.1m at 2.15g/t Au	32		
		7,056,512	649,946	335	5.3m at 3.15g/t Au	47		

## **CENTRAL MURCHISON GOLD PROJECT** (CONTINUED) **UNDERGROUND DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Prohibition	17PRDD051	7,056,512	649,946	335	16.2m at 4.83g/t Au	59		
	17PRDD052	7,056,520	649,950	335	9m at 2.22g/t Au	82	21	288
		7,056,520	649,950	335	3m at 2.9g/t Au	34		
		7,056,520	649,950	335	5m at 2.17g/t Au	49		
		7,056,520	649,950	335	18.1m at 3.39g/t Au	60		
		7,056,520	649,950	335	4.5m at 2.72g/t Au	81		
	17PRDD053	7,056,550	649,933	335	10.08m at 5g/t Au	0	17	288
		7,056,550	649,933	335	8.15m at 1.52g/t Au	17		
	17PRDD057	7,056,397	649,991	311	5m at 4.73g/t Au	109	-18	271
		7,056,397	649,991	311	1m at 6.3g/t Au	128		
		7,056,397	649,991	311	5m at 2.62g/t Au	154		
	17PRDD058A	7,056,397	649,991	311	32.7m at 4.44g/t Au	108	-16	286
	17PRDD059	7,056,397	649,991	312	18.3m at 3.06g/t Au	104	-19	300
	17PRDD060	7,056,397	649,991	312	6.5m at 1.15g/t Au	105	-17	318
		7,056,397	649,991	312	4m at 1.32g/t Au	114		
	17PRDD061	7,056,397	649,991	312	12.6m at 1.82g/t Au	105	-23	309
		7,056,397	649,991	312	1.3m at 7.47g/t Au	133		
	17PRDD062	7,056,397	649,991	311	3.9m at 2.3g/t Au	104	-28	302
	17PRDD063	7,056,397	649,991	311	6.1m at 2.6g/t Au	133	-29	289
	17PRDD064	7,056,396	649,991	312	9.8m at 3.25g/t Au	105	-8	278
		7,056,396	649,991	312	9.3m at 2.03g/t Au	124		
		7,056,396	649,991	312	3.1m at 5.37g/t Au	136		
	17PRDD065	7,056,396	649,991	311	12m at 5.97g/t Au	114	-23	283
	17PRDD066	7,056,397	649,991	312	7m at 6.43g/t Au	101	-9	292
		7,056,397	649,991	312	21m at 4.44g/t Au	111		
		7,056,397	649,991	312	11m at 8.7g/t Au	135		
	17PRDD068	7,056,397	649,991	311	18m at 2.02g/t Au	99	-22	325
	17PRDD069	7,056,397	649,991	311	13.4m at 1.72g/t Au	114	-6	332
		7,056,397	649,991	311	15.8m at 1.65g/t Au	131		
	17PRDD237	7,056,395	649,991	312	13m at 2.64g/t Au	107	-23	318
	17PRDD238	7,056,395	649,991	312	1.7m at 4.03g/t Au	109	-14	309
		7,056,395	649,991	312	6m at 4.15g/t Au	115		

## **CENTRAL MURCHISON GOLD PROJECT** (CONTINUED) **UNDERGROUND DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Vivian -	17VIDD001	7,056,055	649,888	402	8.45m at 3.11g/t Au	27	-13	108
Consol's	17VIDD002	7,056,055	649,888	401	8.5m at 1.6g/t Au	35	-25	108
	17VIDD004	7,056,055	649,888	401	0.45m at 47.52g/t Au	61	-40	108
	17VIDD006	7,056,045	649,884	401	1.68m at 39.73g/t Au	37	-29	108
		7,056,045	649,884	401	0.68m at 91.56g/t Au	38		
		7,056,045	649,884	401	1.27m at 63.77g/t Au	46		
		7,056,045	649,884	401	0.77m at 104.5g/t Au	46		
	17VIDD008	7,056,045	649,884	401	7m at 1.2g/t Au	59	-46	108
		7,056,045	649,884	401	3m at 1.96g/t Au	73		
	17VIDD016	7,056,000	649,877	402	0.6m at 36.7g/t Au	53	-48	108
		7,056,000	649,877	402	5.1m at 10.77g/t Au	62		
	17VIDD017	7,055,984	649,860	405	3m at 1.9g/t Au	24	34	90
	17VIDD021	7,055,971	649,854	403	3.1m at 27.37g/t Au	23	-5	121
	17VIDD022	7,055,971	649,854	402	13m at 4.32g/t Au	32	-37	121
	17VIDD025	7,055,953	649,843	402	0.8m at 68.77g/t Au	45	-40	117
		7,055,953	649,843	402	0.6m at 90.98g/t Au	45		
	17VIDD026	7,055,943	649,837	406	2.9m at 2.49g/t Au	27	54	116
	17VIDD028	7,055,942	649,837	402	5.1m at 1.68g/t Au	33	-36	116
	17VIDD029	7,055,919	649,825	407	11.4m at 1.95g/t Au	21	64	118
	17VIDD031	7,055,918	649,825	404	9.9m at 4.45g/t Au	22	-38	118
	17VIDD034	7,055,900	649,815	403	5.43m at 25.7g/t Au	28	-36	119
		7,055,900	649,815	403	1m at 101.5g/t Au	28		
		7,055,900	649,815	403	0.38m at 82.4g/t Au	31		
		7,055,900	649,815	403	6m at 3.27g/t Au	37		
		7,055,900	649,815	403	2.3m at 6.09g/t Au	51		

## **CENTRAL MURCHISON GOLD PROJECT** (CONTINUED) RESOURCE DEFINITION DRILLING RESULTS

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Jack Ryan	17JRRC001	7,002,367	626,888	473	9m at 1.58g/t Au	141	-90	0
	17JRRC002	7,002,427	626,875	473	37m at 2.41g/t Au	185	-90	0
	17JRRC003	7,002,451	626,880	473	30m at 2.41g/t Au	183	-90	0
	17JRRC004	7,002,505	626,888	474	5m at 7.15g/t Au	225	-90	0
	17JRRC005	7,002,513	626,860	473	12m at 1.78g/t Au	213	-80	99
Maid Marion	17MNRC004	7,071,952	658,826	509	9m at 1.91g/t Au	20	-60	298
					8m at 1.12g/t Au	33		
	17MNRC005	7,071,933	658,775	509	12m at 1.43g/t Au	1	-60	298
					13m at 1.53g/t Au	25		
	17MNRC006	7,071,927	658,786	509	6m at 5.46g/t Au	11	-60	298
					8m at 2.17g/t Au	40		
	17MNRC007	7,071,918	658,741	509	9m at 1.13g/t Au	9	-60	298
	17MNRC008	7,071,912	658,752	509	6m at 1.44g/t Au	18	-60	298
					7m at 1.59g/t Au	31		
					5m at 1.77g/t Au	40		
	17MNRC009	7,071,910	658,734	509	5m at 4g/t Au	10	-60	298
					7m at 1.6g/t Au	28		
	17MNRC011	7,071,872	658,679	509	6m at 1.33g/t Au	5	-60	298
	17MNRC012	7,071,862	658,698	509	5m at 1.29g/t Au	30	-60	298
	17MNRC014	7,071,839	658,657	509	6m at 1.9g/t Au	18	-60	298
Romsey	17R0RC004	7,045,451	641,738	475	2m at 16.09g/t Au	57	-60	289
	17R0RC008	7,045,488	641,755	475	4m at 11.04g/t Au	60	-60	289
	17R0RC014	7,046,194	641,853	475	2m at 3g/t Au	10	-60	289
	17R0RC015	7,046,190	641,865	475	6m at 1.17g/t Au	13	-60	289
	17R0RC017	7,046,178	641,867	475	9m at 1.99g/t Au	22	-60	289
	17RORC019	7,046,170	641,861	475	10m at 1.36g/t Au	22	-60	289
	17R0RC021	7,046,165	641,846	475	10m at 1.36g/t Au	12	-60	289
	17R0RC025	7,046,151	641,855	475	6m at 2.1g/t Au	29	-60	289
	17RORC026	7,046,149	641,831	475	9m at 1.17g/t Au	12	-60	289
	17R0RC027	7,046,145	641,840	475	11m at 1.33g/t Au	15	-60	289
	17R0RC028	7,046,142	641,850	475	7m at 1.59g/t Au	27	-60	289
	17R0RC042	7,046,088	641,822	475	7m at 1.88g/t Au	31	-60	289
	17R0RC043	7,046,081	641,811	475	6m at 2.5g/t Au	25	-60	289

## **CENTRAL MURCHISON GOLD PROJECT** (CONTINUED) RESOURCE DEFINITION DRILLING RESULTS

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Romsey	17R0RC048	7,046,115	641,805	475	4m at 2.24g/t Au	15	-90	360
	17R0RC051	7,046,145	641,810	475	2m at 2.66g/t Au	1	-90	360
					5m at 1.25g/t Au	11		
Surprise	SP08	7,045,484	642,906	390	7m at 3.14g/t Au	0	-90	359
					4m at 6.32g/t Au	9		
					7m at 13.72g/t Au	15		
					6m at 2.53g/t Au	25		
	SP10	7,045,472	642,891	385	3m at 10.72g/t Au	8	-90	19
					10m at 1.35g/t Au	15		
	SP11	7,045,472	642,901	385	12m at 2.92g/t Au	0	-90	19
					2m at 4.42g/t Au	20		
					13m at 2.73g/t Au	25		
					5m at 2.99g/t Au	46		
	SP12	7,045,467	642,908	386	7m at 1.11g/t Au	0	-90	19
					13m at 5.57g/t Au	9		
					4m at 1.44g/t Au	28		
	SP13	7,045,461	642,892	385	6m at 1.32g/t Au	45	-90	19
					9m at 8.9g/t Au	22		
					4m at 1.4g/t Au	40		
					3m at 8.79g/t Au	46		
	SP15	7,045,454	642,883	386	7m at 1.29g/t Au	20	-90	19
					4m at 1.58g/t Au	44		
					3m at 10.02g/t Au	51		
	SP16	7,045,451	642,892	386	2m at 3.67g/t Au	31	-90	19
	SP19	7,045,435	642,876	385	11m at 1.37g/t Au	20	-90	19
					12m at 2.17g/t Au	40		
	SP20	7,045,429	642,892	385	13m at 3.31g/t Au	30	-90	19
					4m at 1.96g/t Au	56		
	SP21	7,045,426	642,868	385	6m at 1.7g/t Au	7	-90	19
					1m at 8.15g/t Au	29		
					1m at 9.58g/t Au	47		
	SP23	7,045,417	642,866	385	7m at 1.09g/t Au	29	-90	19
					7m at 5.03g/t Au	59		

## **CENTRAL MURCHISON GOLD PROJECT** (CONTINUED) **RESOURCE DEFINITION DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Surprise	SP25	7,045,408	642,863	385	3m at 1.82g/t Au	21	-90	19
					3m at 2.05g/t Au	27		
					2m at 5.37g/t Au	55		
	SP26	7,045,392	642,857	385	3m at 1.98g/t Au	38	-90	19
					3m at 38.24g/t Au	69		
	SP27	7,045,398	642,879	385	2m at 3.53g/t Au	22	-90	19
					5m at 1.41g/t Au	27		
	SP28	7,045,467	642,899	385	2m at 3.66g/t Au	14	-90	19
					6m at 1.6g/t Au	39		

#### **EXPLORATION**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Golden Shamrock	17GSRC003	7,026,482	632,582	460	5m at 3.03g/t Au	1	-60	104
	17GSRC005	7,026,457	632,602	460	6m at 4.55g/t Au	4	-60	104
	17GSRC006	7,026,459	632,616	460	9m at 2.77g/t Au	1	-90	0
	17GSRC007	7,026,465	632,610	460	9m at 2.63g/t Au	1	-60	104
	17GSRC008	7,026,472	632,621	460	3m at 5.77g/t Au	6	-60	104
	17GSRC009	7,026,478	632,618	460	7m at 8.91g/t Au	5	-55	104
	17GSRC010	7,026,605	632,282	460	4m at 1.23g/t Au	4	-60	104
	17GSRC014	7,026,492	632,606	460	6m at 5.64g/t Au	0	-90	0
Nottingham	17MNRC002	7,071,247	657,661	487	10m at 2.17g/t Au	100	-60	298
	17MNRC016	7,071,184	657,691	487	4m at 4.07g/t Au	16	-60	298
					4m at 1.44g/t Au	140		
	17MNRC020	7,071,078	657,559	487	8m at 1g/t Au	84	-60	298
	16NNRC028	7,024,468	633,624	444	7m at 3.37g/t Au	15	-60	91

# HIGGINSVILLE GOLD PROJECT

## **RESOURCE DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (True Width)	From (m)	Dip	Azi
Mitchell	MITA0126	6,483,770	379,974	286	3m at 4.21g/t Au	33	-90	360
	MITA0129	6,482,980	380,186	281	9m at 3.23g/t Au	33	-60	270
	MITA0135	6,483,300	380,125	261	1m at 2.26g/t Au	12	-90	360
	MITA0136	6,483,256	380,138	257	6m at 0.87g/t Au	8	-90	360
	MITA0137	6,483,253	380,127	259	5m at 3.48g/t Au	7	-90	360
	MITA0140	6,483,330	380,125	264	3m at 3.17g/t Au	13	-90	360
	MITA0141	6,483,345	380,129	265	2m at 1.18g/t Au	16	-90	360
	MITA0142	6,483,330	380,140	264	4m at 0.81g/t Au	12	-90	360
	MITA0145	6,482,625	380,135	257	4m at 1.06g/t Au	15	-75	270
	MITA0150	6,482,845	380,129	257	12m at 7.71g/t Au	18	-60	270
	MITA0152	6,483,046	380,047	263	3m at 1.91g/t Au	18	-60	90
	MITA0156	6,483,575	380,048	260	7m at 0.82g/t Au	8	-90	360
	MITA0157	6,483,565	380,048	260	2m at 2.55g/t Au	7	-90	360
	MITA0158	6,483,545	380,042	259	7m at 1.94g/t Au	1	-90	360
	MITA0159	6,483,535	380,042	259	7m at 1.66g/t Au	4	-90	360
	MITA0162	6,483,525	380,057	259	14m at 1.81g/t Au	1	-60	270
	MITA0162A	6,483,525	380,057	259	4m at 2.14g/t Au	5	-90	360
	MITA0164	6,483,120	380,030	283	5m at 24.17g/t Au	26	-90	360
Musket	MUSR0137	6,456,536	410,920	300	3m at 1.97g/t Au	24	-60	61
	MUSR0138	6,456,531	410,911	300	4m at 1.34g/t Au	36	-60	61
	MUSR0139	6,456,527	410,902	301	1m at 12.08g/t Au	47	-60	61
	MUSR0163	6,456,486	410,889	301	12m at 1.43g/t Au	36	-60	61
	MUSR0166	6,456,486	410,867	302	6m at 3.13g/t Au	25	-60	61
Musket Central	MUSR0169	6,457,219	410,565	297	2m at 11.69g/t Au	14	-60	61
	MUSR0170	6,457,214	410,556	297	1m at 6.78g/t Au	24	-60	61
	MUSR0173	6,457,228	410,561	296	3m at 1.73g/t Au	29	-60	61
	MUSR0177	6,457,229	410,540	297	4m at 5.55g/t Au	26	-60	61
					4m at 1.81g/t Au	33		
	MUSR0180	6,457,245	410,550	296	6m at 3.7g/t Au	10	-60	61
	MUSR0181	6,457,241	410,541	297	6m at 1.99g/t Au	10	-60	61
	MUSR0183	6,457,241	410,521	297	6m at 2.53g/t Au	17	-60	61
	MUSR0187	6,457,541	410,168	292	10m at 1.46g/t Au	32	-60	61

# HIGGINSVILLE GOLD PROJECT (CONTINUED)

## **RESOURCE DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (True Width)	From (m)	Dip	Azi
Musket	MUSR0188	6,457,565	410,170	291	3m at 4.18g/t Au	32	-60	61
Central	MUSR0191	6,457,546	410,134	292	1m at 11.02g/t Au	40	-60	61
	MUSR0192	6,457,541	410,125	292	4m at 4.73g/t Au	59	-60	61
	MUSR0193	6,457,577	410,172	291	4m at 2.4g/t Au	31	-60	61
	MUSR0194	6,457,568	410,155	291	3m at 2.53g/t Au	31	-60	61
	MUSR0198	6,457,580	410,157	291	4m at 1.28g/t Au	31	-60	61
	MUSR0201	6,457,567	410,132	291	7m at 0.86g/t Au	24	-60	61
	MUSR0202	6,457,562	410,122	291	6m at 0.85g/t Au	42	-60	61
	MUSR0204	6,457,585	410,145	291	4m at 2.03g/t Au	30	-60	61
	MUSR0206	6,457,567	410,109	291	8m at 2.25g/t Au	41	-60	61
	MUSR0207	6,457,562	410,100	291	10m at 0.92g/t Au	51	-60	61
	MUSR0211	6,457,582	410,117	291	9m at 1.76g/t Au	26	-60	61
	MUSR0212	6,457,577	410,108	291	3m at 4.05g/t Au	36	-60	61
	MUSR0213	6,457,602	410,133	290	1m at 5.93g/t Au	27	-60	61
	MUSR0214	6,457,593	410,116	291	3m at 2.8g/t Au	22	-60	61
	MUSR0215	6,457,581	410,094	291	4m at 2.21g/t Au	34	-60	61
	MUSR0216	6,457,612	410,130	290	2m at 3.04g/t Au	27	-60	61
	MUSR0219	6,457,597	410,104	291	10m at 2.25g/t Au	19	-60	61
	MUSR0220	6,457,593	410,095	291	7m at 1.97g/t Au	25	-60	61
	MUSR0224	6,457,622	410,106	290	3m at 1.9g/t Au	24	-60	61
	MUSR0226	6,457,537	410,267	291	3m at 3.72g/t Au	47	-60	61
Musket ROM	MUSR0288	6,456,292	411,058	300	11m at 0.51g/t Au	7	-60	61

### **EXPLORATION DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Implausible	HIGA7740	6,532,438	375,237	288	10m at 29.4ppb Au	82	-90	360
	HIGA7741	6,532,439	375,311	287	6m at 502ppb Au	80	-90	360
	HIGA7742	6,532,438	375,395	288	5m at 179.6ppb Au	79	-90	360
	HIGA7756	6,531,162	376,201	286	6m at 34.33ppb Au	28	-90	360
	HIGB7587	6,462,747	419,328	300	3m at 104ppb Au	13	-90	360
	HIGB7602	6,462,592	419,377	300	2m at 107ppb Au	13	-90	360
	HIGB7615	6,462,431	419,411	300	2m at 119ppb Au	0	-90	360
	HIGB7624	6,462,272	419,490	300	4m at 73ppb Au	6	-90	360

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# HIGGINSVILLE GOLD PROJECT (CONTINUED)

## EXPLORATION DRILLING RESULTS

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Leeman	HIGA7607	6,500,504	394,332	300	3m at 69ppb Au	56	-90	360
Republican	HIGB7496	6,509,476	383,415	300	8m at 28.5ppb Au	28	-90	360
	HIGB7510	6,509,955	383,321	300	4m at 56ppb Au	17	-90	360
	HIGB7513	6,509,960	383,564	300	7m at 41.29ppb Au	17	-90	360
	HIGB7529	6,511,620	382,928	300	4m at 103ppb Au	22	-90	360
	HIGB7534	6,511,453	382,966	300	7m at 41.57ppb Au	21	-90	360
	HIGB7535	6,511,449	383,041	300	8m at 84ppb Au	29	-90	360
	HIGB7537	6,511,472	383,203	300	8m at 30.5ppb Au	28	-90	360
	HIGB7540	6,511,238	382,563	300	3m at 68ppb Au	20	-90	360
	HIGB7544	6,511,242	382,881	300	16m at 61ppb Au	9	-90	360
	HIGB7547	6,511,245	383,122	300	3m at 99ppb Au	24	-90	360
	HIGB7550	6,511,015	382,637	300	4m at 192ppb Au	21	-90	360
	HIGB7554	6,511,023	382,965	300	8m at 28.5ppb Au	12	-90	360
	HIGB7562	6,510,838	382,878	300	3m at 213ppb Au	22	-90	360
	HIGB7569	6,510,670	382,766	300	2m at 222ppb Au	27	-90	360
Scott Joplin	HIGA7690	6,484,126	408,799	280	4m at 72ppb Au	21	-90	360
	HIGA7693	6,484,128	408,629	280	8m at 162ppb Au	29	-90	360
	HIGA7698	6,484,419	408,878	280	4m at 96ppb Au	10	-90	360
	HIGA7702	6,484,419	408,694	280	8m at 35.5ppb Au	19	-90	360

## SOUTH KALGOORLIE OPERATIONS UNDERGROUND DRILLING RESULTS

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
HBJ	2018 Probe 1	6,566,139	366,738	21	5.9m at 3.52g/t Au	36	27	58
	2018 Probe 2	6,566,140	366,738	21	3.28m at 6.15g/t Au	33	28	43
	2018 Probe 3	6,566,141	366,738	21	1.71m at 10.36g/t Au	18	26	27
	HBJUG0263	6,565,947	366,529	-105	9.59m at 2.72g/t Au	213	-62	69
	HBJUG0265	6,565,947	366,529	-105	6m at 2.89g/t Au	213	-65	42
					31.73m at 7.26g/t Au	254		
	HBJUG0266	6,566,046	366,450	-120	4.86m at 2.12g/t Au	292	-29	353
	HBJUG0268	6,566,046	366,450	-120	7.3m at 4.14g/t Au	140	-39	14
					4.4m at 5.3g/t Au	171		
	HBJUG0269	6,566,046	366,450	-120	4.5m at 2.33g/t Au	162	-23	359
	HBJUG0270	6,566,046	366,450	-120	NSI		-47	28
	HBJUG0271	6,566,046	366,450	-120	7.98m at 5.47g/t Au	127	-50	53
					3.7m at 22.21g/t Au	143		
	HBJUG0273	6,566,046	366,450	-120	2.5m at 2.46g/t Au	135	-56	39
					5.93m at 2.7g/t Au	146		
	HBJUG0274	6,566,046	366,450	-120	NSI		-54	35
	HBJUG0275	6,566,046	366,450	-120	15.05m at 2.19g/t Au	141	-48	20
	HBJUG0276A	6,566,046	366,450	-120	6.7m at 4.36g/t Au	182	-49	15
	HBJUG0277	6,566,046	366,450	-120	4m at 4.35g/t Au	195	-41	9
					4.34m at 4.44g/t Au	204		
	HBJUG0278	6,566,046	366,450	-120	3.92m at 1.77g/t Au	191	-43	2
	HBJUG0278A	6,566,046	366,450	-120	6.64m at 2.89g/t Au	203	-43	2
					2.16m at 4.58g/t Au	244		
	HBJUG0289	6,566,284	366,375	26	28.32m at 1.39g/t Au	71	-51	51
	HBJUG0291	6,566,284	366,375	26	41.5m at 2.35g/t Au	67	-54	39
	HBJUG0292	6,566,284	366,375	26	3.5m at 3.21g/t Au	69	-31	30
					7.74m at 1.87g/t Au	74		
					9.26m at 3.91g/t Au	82		
					3.75m at 4.49g/t Au	147		
	HBJUG0293A	6,566,285	366,375	26	22.4m at 1.42g/t Au	101	-55	28
					4.7m at 4.54g/t Au	124		
	HBJUG0294	6,566,284	366,375	26	6.22m at 3.71g/t Au	73	-37	21
					24.55m at 3.18g/t Au	83		

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
HBJ	HBJUG0294				8.8m at 3.3g/t Au	133		
	HBJUG0295	6,566,284	366,375	26	34m at 1.16g/t Au	81	-47	21
					17.2m at 1.41g/t Au	147		
	HBJUG0296	6,566,284	366,375	26	2.46m at 6.57g/t Au	91	-55	20
					6.8m at 1.9g/t Au	99		
					15m at 2.74g/t Au	108		
	HBJUG0308	6,566,064	366,484	-86	2.85m at 4.65g/t Au	115	-2	8
	HBJUG0309	6,566,064	366,484	-86	2.64m at 6.64g/t Au	96	-1	8
	HBJUG0309	6,566,064	366,484	-86	12.4m at 1.06g/t Au	181	-1	8
	HBJUG0311	6,566,064	366,484	-86	22.4m at 7.79g/t Au	86	-22	8
	HBJUG0312	6,566,175	366,498	-108	34.54m at 1.28g/t Au	2	0	85
	HBJUG0313	6,566,175	366,498	-108	7.3m at 5.56g/t Au	30	0	57
	HBJUG0314	6,566,175	366,498	-108	15.27m at 2.05g/t Au	43	1	24
	HBJUG0315	6,566,335	366,612	-108	5.88m at 11.9g/t Au	29	-20	69
					10.9m at 3.91g/t Au	39		
	HBJUG0316	6,566,335	366,612	-108	5.18m at 2.62g/t Au	49	-20	40
					7.28m at 6.47g/t Au	54		
	HBJUGPH01	6,566,138	366,738	20	3.25m at 6.85g/t Au	37	-17	91
	HBJUGPH02	6,566,138	366,738	20	7.08m at 2.31g/t Au	26	-20	57
	HBJUGPH03	6,566,138	366,738	20	4.75m at 4.9g/t Au	26	-21	34
					2.5m at 7.34g/t Au	34		

## FORTNUM GOLD PROJECT RESOURCE DEVELOPMENT DRILLING RESULTS

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (True Width)	From (m)	Dip	Azi
Cassidy	MXD0010	7,182,918	661,571	524	7.1m at 1.57g/t Au	48.0	-54	18
					6.3m at 2.22g/t Au	172.3		
	MXD0011	7,182,890	661,625	531	9.3m at 0.81g/t Au	114.0	-42	18
					3.2m at 3.1g/t Au	169.6		
					18.3m at 2.95g/t Au	177.0		
	MXD0015	7,182,890	661,625	531	7.3m at 1.95g/t Au	151.3	-52	18
					3.9m at 1.86g/t Au	186.8		
Horseshoe	MXD0009	7,183,039	661,320	535	5.9m at 2.83g/t Au	34.0	-42	36
					1.9m at 3.13g/t Au	127.3	-42	36
					12.2m at 1.85g/t Au	139.3	-42	36
					3.6m at 3.87g/t Au	164.5	-42	36
					1.3m at 14.42g/t Au	178.3	-42	36
	MXD0012B	7,183,049	661,299	536	4.3m at 2.39g/t Au	133.0	-50	18
	MXD0021	7,183,049	661,276	537	1.4m at 7.37g/t Au	149.0	-50	18
					9.5m at 2.76g/t Au	154.5		
					2.8m at 10.23g/t Au	169.0		
					6.5m at 2.81g/t Au	183.8		
					2.6m at 3.02g/t Au	210.8		
					1.4m at 5.66g/t Au	225.0		
					6.3m at 2.22g/t Au	172.3		
Horseshoe	MXD0012	7,183,042	661,296	535	6m at 1.4g/t Au	128.4	-51	18
					7.7m at 0.94g/t Au	143.7		
	MXD0013	7,183,060	661,261	536	7.2m at 1.53g/t Au	-	-62	18
	MXD0013B	7,183,061	661,257	536	7.7m at 4.18g/t Au	163.1	-54	18
					3.6m at 2.31g/t Au	183.0		
					6.8m at 0.89g/t Au	198.4		

# FORTNUM GOLD PROJECT (CONTINUED)

#### **RESOURCE DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (True Width)	From (m)	Dip	Azi
Horseshoe	MXD0013B				7.2m at 3.54g/t Au	210.0		
	MXD0014	7,183,020	661,374	534	3.1m at 2.81g/t Au	133.0	-61	18
Five Ways	MXD0016	7,163,480	672,210	594	2.4m at 9.74g/t Au	234.0	-45	90

## NOTES ON DRILLING RESULTS CMGP

- Coordinates are collar.
- Grid is MGA 1994 Zone 50.
- Significant = >5g/m for resources and grade control >2g/m for exploration.

#### FGP

- Coordinates are collar.
- Grid is MGA 1994 Zone 50.
- Significant = >5g/m for resources and grade control >2g/m for exploration.

#### HGO

- Coordinates are collar.
- Grid is MGA 1994 Zone 51 except for Fairplay where it is "Trident Mine Grid"
- Significant = >5g/m for resources and grade control >2g/m or multiples of background ppb for exploration.

#### SK0

- Widths are downhole.
- Coordinates are collar.
- Grid is MGA 1994 Zone 51.
- Significant = >5g/m for resources >2g/m for exploration.

### **COMPETENT PERSONS STATEMENTS**

The information in this report that relates to Exploration Targets, Exploration Results and Mineral Resources 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 to 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.

The information in this report that relate to Ore Reserves has been compiled by Westgold technical employees and contractors under the supervision of Mr Michael Poepjes BEng (Mining Engineering), MSc (Min. Econ) M.AusIMM. Mr Poepjes is a contractor to the company. Mr Poepjes 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 de ned in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Poepjes consents to the inclusion in this report of the matters based on his information in the form and context in which it appears. Mr Poepjes is eligible to participate in short and long term incentive plans and holds performance rights in the Company as has been previously disclosed.

## 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 (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul> <li>HGO</li> <li>Diamond Drilling The bulk of the data used in resource calculations at Trident has been gathered from diamond core. Four types of diamond core sample have been historically collected. The predominant sample method is half-core NQ2 diamond with half-core LTK60 diamond, Whole core LTK48 diamond and whole core BQ also used. This core is logged and sampled to geologically relevant intervals. The bulk of the data used in resource calculations at Chalice has been gathered from diamond core. The predominant drilling and sample type is half core NQ2 diamond. Occasionally whole core has been sampled to streamline the core handling process. Historically half and whole core LTK60 and half core HQ diamond have been used. This core is logged and sampled to geologically relevant intervals. </li> <li>Face Sampling Each development face / round is chip sampled at both Trident and Chalice. One or two channels are taken per face perpendicular to the mineralisation. The sampling intervals are domained by geological constraints (e.g. rock type, veining and alteration / sulphidation etc.) with an effort made to ensure each 3kg sample is representative of the interval being extracted. Samples are taken in a range from 0.1 m up to 1.2 m in waste / mullock. All exposures within the orebody are sampled. </li> </ul>
Drilling techniques Drill sample recovery	<ul> <li>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/ coarse material.</li> </ul>	<ul> <li>For Fairplay, Vine, Lake Cowan, Two Boys, Mousehollow, Pioneer and Eundynie the bulk of the data used in the resource estimate is sourced from RC drilling. Minor RC drilling is also utilised at Trident, Musket, Chalice and the Palaeochannels (Wills, Pluto, Mitchell 3 and 4).</li> <li>Drill cuttings are extracted from the RC return via cyclone. The underflow from each 1 m interval is transferred via bucket to a four tiered riffle splitter, delivering approximately three kilograms of the recovered material into calico bags for analysis. The residual material is retained on the ground near the hole. Samples too wet to be split through the riffle splitter are taken as grabs and are recorded as such.</li> <li>RAB / Air Core Drilling Drill cuttings are extracted from the RAB and Aircore return via cyclone. 4m Composite samples are</li> </ul>

Criteria	JORC Code Explanation	mmentary	
		SKO	
		SKO is a long-term producing operation with a long history of drilling and sampling to exploration and resource development.	) support
		Sampling Techniques	
		Chips from the RC drilling face-sampling hammer are collected for assaying. Sample return cleaned with compressed air each metre and the cyclone sample collector is cleaned follow rod. Samples are riffle split through a three-tier splitter with a split ~3kg sample (genera intervals) pulverised to produce a 30g charge analysed via fire assay.	ving each
		Diamond drill-core is geologically logged and then sampled according to geology (minimum length of 0.4 m to maximum sample length of 1.5 m) – where consistent geology is sampl length is used for sampling the core. The core is sawn half-core with one half sent off for an	led, a 1m
		Samples have been collected from numerous other styles of drilling at SKO, including but no to RAB, aircore, blast-hole, sludge drilling and face samples.	ot limited
		Drilling Techniques	
		Historical data includes DD, RC, RAB and aircore holes drilled between 1984 and 2010. No historical drilling programmes at SKO are documented and many historical holes are assign type of 'unknown'. Over 4,000 km of drilling has been completed on the tenure.	
		Drilling by the most recent previous owners (Alacer Gold Corporation) has predominantly I with minor DD and aircore drilling.	been RC,
		RC drilling is used predominantly for defining and testing for near-surface mineralisa utilises a face sampling hammer with the sample being collected on the inside of the drill- drillholes utilise downhole single or multi shot cameras. Drillhole collars were surveyed I mine surveyors.	-tube. RC
		Diamond drilling is used for either testing / targeting deeper mineralised systems or to de orientation of the host geology. Many of these holes had RC pre-collars generally to a depth of 60 – 120m, followed by a diamond tail. The majority of these holes have been drilled at NQ2 minor HQ sized core. All diamond holes were surveyed during drilling with downhole came then at end of hole using a Gyro Inclinometer at 5 or 10 m intervals. Drillhole collars were by onsite mine surveyors.	f between size with eras, and
		Sample Recovery	
		Sample recovery is generally good, and there is no indication that sampling presents a mate for the quality of the evaluation of any deposit at SKO.	erial risk

Criteria	JORC Code Explanation	Cor	nmentary
			СМБР
		•	Diamond Drilling
			A significant portion of the data used in resource calculations at the CMGP has been gathered from diamond core. Multiple sizes have been used historically. This core is geologically logged and subsequently halved for sampling. Grade control holes may be whole-cored to streamline the core handling process if required.
		•	Face Sampling
			At each of the major past and current underground producers at the CMGP, 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 orebody are sampled.
		•	Sludge Drilling
			Sludge drilling at the CMGP was / is performed with an underground production drill rig. It is an open hole drilling method using water as the flushing medium, with a 64mm (nominal) hole diameter. Sample intervals are ostensibly the length of the drill steel. Holes are drilled at sufficient angles to allow flushing of the hole with water following each interval to prevent contamination. Sludge drilling is not used to inform resource models.
		•	RC Drilling
			Drill cuttings are extracted from the RC return via cyclone. The underflow from each interval is transferred via bucket to a four tiered riffle splitter, delivering approximately three kilograms of the recovered material into calico bags for analysis. The residual material is retained on the ground near the hole. Composite samples are obtained from the residue material for initial analysis, with the split samples remaining with the individual residual piles until required for re-split analysis or eventual disposal.
		•	RAB / Aircore Drilling
			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.
		•	Blast Hole Drilling
			Cuttings sampled via splitter tray per individual drill rod. Blast holes not included in the resource estimate.
			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.

Criteria	JORC Code Explanation	Commentary
		FGP
		<ul> <li>Historic reverse circulation drilling was used to collect samples at 1m intervals with sample quality, recovery and moisture recorded on logging sheets. Bulk samples were composited to 4-5m samples by PVC spear. These composites were dried, crushed and split to produce a 30g charge for aqua regia digest at the Fortnum site laboratory.</li> </ul>
		<ul> <li>For Westgold (MLX) RC Drilling drill cuttings are extracted from the RC return via cyclone. The underflow from each interval is transferred via bucket to a four tiered riffle splitter, delivering approximately three kilograms of the recovered material into calico bags for analysis. The residual material is retained on the ground near the hole. Composite samples are obtained from the residue material for initial analysis, with the split samples remaining with the individual residual piles until required for re-split analysis or eventual disposal.</li> </ul>
		• In the case of grade control drilling, 1m intervals were split at the rig via a 3-tier splitter box below the cyclone and collected in calico bags with bulk samples collected into large plastic bags. These 1m splits were dried, pulverised and split to produce a 50g charge for fire assay at an offsite laboratory.
		<ul> <li>Where composite intervals returned results &gt;0.15g/t Au, the original bulk samples were split by 3-tier riffle splitter to approximately 3-4kg. The whole sample was dried, pulverised and split to produce a 50g charge for fire assay at an offsite laboratory.</li> </ul>
		• Historic diamond drilling sampled according to mineralisation and lithology resulting in samples of 10cm to 1.5m. Half core pulverised and split to produce a 50g charge for fire assay at an offsite laboratory.
Logging	• 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.	• Westgold surface drill-holes are all orientated and have been logged in detail for geology, veining, alteration, mineralisation and orientated structure. Westgold underground drill-holes are logged in detail for geology, veining, alteration, mineralisation and structure. Core has been logged in enough detail to allow for the relevant mineral resource estimation techniques to be employed.
	<ul> <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</li> </ul>	<ul> <li>Surface core is photographed both wet and dry and underground core is photographed wet. All photos are stored on the companies servers, with the photographs from each hole contained within separate folders.</li> </ul>
	The total length and percentage of the relevant intersections logged	Development faces are mapped geologically.
		<ul> <li>RC, RAB and Aircore chips are geologically logged.</li> </ul>
		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.

Criteria	JORC Code Explanation	Commentary
Sub-sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> </ul>	• NQ2 and LTK60 diameter core is sawn half core using a diamond-blade saw, with one half of the core
	<ul> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all subsampling stages to maximise representivity of samples.</li> </ul>	• For the onsite Intertek facility the entire dried sample is jaw crushed (JC2500 or Boyd Crusher) to a nominal 85% passing 2mm with crushing equipment cleaned between samples. An analytical sub-sample of approximately 500-750 g is split out from the crushed sample using a riffle splitter, with
	<ul> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/ second-half sampling.</li> </ul>	(single stage mix and grind using LM5 mills) to a target of 85-90% passing 75µm in size. A 200g sub- sample is then separated out for analysis.
	<ul> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	lengths.
		<ul> <li>The sample size is considered appropriate for the grain size of the material being sampled.</li> <li>For RC, RAB and Aircore chips regular field duplicates are collected and analysed for significant variance to primary results.</li> </ul>
		RAB and Aircore sub-samples are collected through spear sampling.     SK0
		• NQ2 and HQ diameter core is sawn half core using a diamond-blade saw, with one half of the core consistently taken for analysis. Smaller sized core (LTK48 and BQ) are whole core sampled. The unsampled half of diamond core is retained for check sampling if required.
		• SKO staff collect the sample in pre-numbered calico sample bags which are then submitted to the laboratory for analysis. Delivery of the sample is by a SKO staff member.
		• RC samples are collected at 1m intervals with the samples being riffle split through a three-tier splitter. The samples are collected by the RC drill crews in pre-numbered calico sample bags which are then collected by SKO staff for submission. Delivery of the sample to the laboratory is by a SKO staff member.
		• Upon delivery to the laboratory, the sample numbers are checked by the SKO staff member against the sample submission sheet. Sample numbers are recorded and tracked by the laboratory using electronic coding.
		• Sample preparation techniques are considered appropriate for the style of mineralisation being tested for – this technique is industry standard across the Eastern Goldfields.

Criteria	JORC Code Explanation	Commentary
		CMGP
		Blast holes -Sampled via splitter tray per individual drill rods.
		• RAB / AC chips - Combined scoops from bucket dumps from cyclone for composite. Split samples taken from individual bucket dumps via scoop.
		• 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.
		• 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.
		Chips / core chips undergo total preparation.
		• Samples undergo fine pulverisation of the entire sample by an LM5 type mill to achieve a 75µ 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.
		FGP
		• Diamond core samples to be analysed were taken as half core. Sample mark-up was controlled by geological domaining represented by alteration, mineralisation and lithology.
		• Reverse circulation samples were split from dry, 1m bulk sample via a 3-tier riffle splitter. Field duplicates were inserted at a ratio of 1:20, analysis of primary vs duplicate samples indicate sampling is representative of the insitu material.
		• Standard material was documented as being inserted at a ratio of 1:100 for both RC and diamond drilling.
		• Detailed discussion of sampling techniques and Quality Control are documented in publicly available exploration technical reports compiled by prior owners (Homestake, Perilya, Gleneagle, RNI).

Criteria	JORC Code Explanation	Commentary
Criteria Quality of assay data and laboratory tests	<ul> <li>JORC Code Explanation</li> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>	<ul> <li>H60</li> <li>At the Intertek on-site facility, analysis is performed using a 500g PAL method. The accurately weighed sub-sample is further processed utilising a PAL1000B to grind the sample to a nominal 90% passing 75µm particle size, whilst simultaneously extracting any cyanide amenable gold liberated into a Leachwell liquor. The resulting liquor is then analysed for gold content by organic extraction with flame AAS finish, with an overall method detection limit of 0.01ppm Au content in the original sample. This method is appropriate for the type and magnitude of mineralisation at Higginsville.</li> <li>Quality control procedures include the use of standards, blanks and duplicates. Standards and duplicates are used to test both the accuracy and precision of the analytical process, while blanks are employed to test for contamination during the sample preparation stage. The analyses have confirmed the analytical process employed at Higginsville is adequately precise and accurate for use as part of the mineral resource estimation.</li> <li>SK0</li> <li>Only nationally accredited laboratories are used for the analysis of the sample, which is then jaw crushed and pulverised (the entire 3kg sample) in a ring mill to a nominal 90% passing 75 microns. All recent RC and Diamond core samples are analysed via Fire Assay, which involves a 30g charge (sub-sampled after the pulverisation) of the analytical pulp being fused at 1050°C for 45 minutes with litharge. The resultant metal pill is digested in</li> <li>aqua regia and the gold content determined by atomic adsorption spectrometry – detection limit is 0.01 ppm Au.</li> <li>Quality Assurance and Quality Control (QA/QC) samples are routinely submitted by SKO staff and comprise standards, blanks, assay pills, field duplicates, lab duplicates and repeat analyses. The results for these QA/QC samples are routinely analysed by SkO has generally accepted the available data at face value and carry out data validation procedures. SKO has generally accepted the available</li></ul>
		<ul> <li>available data at face value and carry out data validation procedures as each deposit is re-evaluated</li> <li>The analytical techniques used are considered appropriate for the style of mineralisation being tester</li> </ul>

Criteria	JORC Code Explanation	Commentary
		CMGP
		Recent drilling was analysed by fire assay as outlined below;
		» A 50g sample undergoes fire assay lead collection followed by flame atomic adsorption spectrometry.
		» The laboratory includes a minimum of 1 project standard with every 22 samples analysed.
		» Quality control is ensured via the use of standards, blanks and duplicates.
		• No significant QA/QC issues have arisen in recent drilling results.
		• Historical drilling has used a combination of Fire Assay, Aqua Regia and PAL analysis.
		These assay methodologies are appropriate for the resources in question.
		FGP
		• Historic assaying of RC and core was done by 50g charge fire assay with Atomic Absorption Spectrometry finish at Analabs. The method is standard for gold analysis and is considered appropriate in this case. No Laboratory Certificates are available for historic assay results pre 2008 however, evaluation of the database identified the following;
		• Standards are inserted at a ratio of 1:100,
		Assay repeats inserted at a ratio of 1 in 20.
		• QA/QC analysis of this historic data indicates the levels of accuracy and precision are acceptable.
		• Assay of recent (post 2012) sampling was done by 40g charge fire assay with Inductively Coupled Plasma – Optical Emission Spectroscopy finish at Bureau Veritas (Ultratrace), Perth. The method is standard for gold analysis and is considered appropriate in this case. Laboratory Certificates are available for the assay results and the following QA/QC protocols used include; Laboratory Checks inserted 1 in 20 samples, CRM inserted 1 in 30 samples and Assay Repeats randomly selected 1 in 15 samples.
		• QA/QC analysis of this data indicates the levels of accuracy and precision are acceptable with no significant bias observed.
Verification of sampling	• The verification of significant intersections by either	No independent or alternative verifications are available.
<ul> <li>and assaying</li> <li>independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> </ul>	• Virtual twinned holes have been drilled in several instances across all sites with no significant issues	
	highlighted. Drillhole data is also routinely confirmed by development assay data in the operating environment.	
		• Primary data is collected utilising LogChief. The information is imported into a SQL database server and verified.
	Discuss any adjustment to assay data.	• 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
Criteria Location of data points	<ul> <li>JORC Code Explanation</li> <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>	HGO

Criteria	JORC Code Explanation	Commentary
		• A LIDAR survey over the project area was undertaken in 2012 and results are in agreement with survey pickups of pits, low-grade stockpiles and waste dumps.
		• Historic drilling by Homestake was routinely surveyed at 25m, 50m and every 50m thereafter, using a single shot CAMTEQ survey tool. RC holes have a nominal setup azimuth applied. Perilya YLRC series holes had survey shots taken by gyro every 10m. Historic drilling in the area did not appear to have any significant problems with hole deviation.
		• Drilling by RNI / MLX was picked up by DGPS on MGA94. Downhole surveys were taken by digital single shot camera every 50m or via a gyro survey tool.
Data spacing and	• Data spacing for reporting of Exploration Results.	HGO
distribution	• Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral	• Drilling in the underground environment at Trident is nominally carried-out on 20m x 30m spacing for resource definition and in filled to a 10m x 15m spacing with grade control drilling. At Trident the drill spacing below the 500RL widens to an average of 40m x 80m.
	Resource and Ore Reserve estimation procedure(s) and classifications applied.	• Drilling at the Lake Cowan region is on a 20m x 10m spacing. Historical mining has shown this to be an appropriate spacing for the style of mineralisation and the classifications applied.
	• Whether sample compositing has been applied.	Compositing is carried out based upon the modal sample length of each project.
		SKO
		• HBJ:
		• Drill spacing ranges from 10m x 5m grade control drilling to 100m x 100m at deeper levels of the resource. The majority of the Indicated Resource is estimated using a maximum drill spacing of 40m x 40m. The resource has been classified based on drill density with
		• mining of the 2.2km long HBJ Open-Pit confirming that the data spacing is adequate for the resource classifications applied.
		Mount Martin:
		• Drill spacing ranges from 10m x 5m grade control drilling to 60m x 60m for the Inferred areas of the resource. The drill spacing for the majority of the Indicated Resource is 20m x 20m. The resource has been classified primarily on drill density and the confidence in the geological/grade continuity – the data spacing and distribution is deemed adequate for the estimation techniques and classifications applied.
		Pernatty:
		• Drill spacing for the reported resource is no greater than 60m x 60m with the majority of the Indicated resource based on a maximum spacing of 40m x 40m. The geological interpretation of the area is well understood, and is supported by the knowledge from open pit and underground operations. However given the mineralisation is controlled by shear zones the mineralisation continuity is considered to be less understood. The resource is classified on a combination of drill density and the number of samples used to estimate the resource blocks.

Criteria	JORC Code Explanation	Commentary
		<ul> <li>Mount Marion: Drill-spacing ranges from 20m x 20m to no greater than 60m x 60m for the reported resource Given that the geological and mineralisation understanding is well established via mining operations, this drill-spacing is considered adequate for the classifications applied to the resource. Compositing is carried out based upon the modal sample length of each project. <b>CMGP</b></li> <li>Data spacing is variable dependent upon the individual orebody under consideration. A lengthy history of mining has shown that this approach is appropriate for the Mineral Resource estimation process and to allow for classification of the resources as they stand.</li> <li>Compositing is carried out based upon the modal sample length of each individual domain. <b>FGP</b></li> <li>Drillhole spacing is a nominal 40m x 40m that has been in-filled to a nominal 20m x 20m in the main zone of mineralisation at Yarlarweelor, Callie's and Eldorado with 10m x10m RC grade control within the limits of the open pits.</li> <li>The spacing is considered sufficient to establish geological and grade continuity for appropriate Mineral Resource classification.</li> <li>During the historic exploration phase, samples were composited to 4m by spearing 1m bulk samples. Where the assays returned results greater than 0.15ppm Au, the original 1m bulk samples were split using a 3-tier riftle splitter and analysed as described above.</li> </ul>
Orientation of data in relation to geological structure	<ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	infrastructure constraints / topography allows.
Sample security	• The measures taken to ensure sample security.	• The core is transported to the core storage facility by either drilling company personnel or geological staff. Once at the facility the samples are kept in a secure location while logging and sampling is being conducted. The storage facility is enclosed by a fence which is locked at night or when the geology staff are absent. The samples are transported to the laboratory facility or collection point by geological staff.

Criteria	JORC Code Explanation	Cor	mmentary
Audits or reviews • The results of any audits or reviews of sampling		HGO	
	techniques and data	•	A review of the grade control practices on site has been undertaken by an external consultant. No formal external audit or review has been performed on the resource estimate. Site generated resources and reserves and the parent geological data is routinely reviewed by the Westgold Corporate technical team.
			SKO
		•	No formal external audit or review has been performed on the sampling techniques and data. Site generated resources and reserves and the parent geological data is routinely reviewed by the Westgold Corporate technical team.
			CMGP
	•	Site generated resources and reserves and the parent geological data is routinely reviewed by the Westgold Corporate technical team.	
			FGP
		•	Site generated resources and reserves and the parent geological data is routinely reviewed by the Westgold Corporate technical team.

## SECTION 2 REPORTING OF EXPLORATION RESULTS

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

Criteria	JORC Code Explanation	Commentary
Mineral tenement and land tenure status	<ul> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	<ul> <li>The Trident Resource is located within mining leases M15/0642, M15/0351 and M15/0348. M15/0351 and M15/0642 also incur the Morgan Stanley royalty of 4% of revenue after 100,000oz of production and the Morgan Stanley price participation royalty at 10% of incremental revenue for gold prices above AUD\$600/oz. M15/0642 is also subject to the Mitchell Royalty at AUD\$32/oz.</li> <li>The Chalice Resource is located on mining lease M15/0786. There are no additional royalties.</li> <li>Lake Cowan is located on mining lease M15/1132. Lake Cowan is subject to an additional royalty (Brocks Creek) of \$1/tonne of ore.</li> </ul>
		<ul> <li>SKO</li> <li>State Royalty of 2.5% of revenue applies to all tenements, although does not apply to the 16 freehold titles (which host the majority of SKO's Resource inventory). There are a number of minor agreements attached to a select number of tenements and locations with many</li> <li>of these royalty agreements associated with tenements with no current Resources and/or Reserves.</li> <li>Private royalty agreements are in place that relate to production from HBJ open-pit at \$10/ oz. In addition, a royalty is payable in the form of 1.75% of the total gold ounces produced from the following resources: Shirl Underground, Golden Hope, Bellevue, HBJ Open-pit, Mount Martin open-pit, Mount Martin Stockpiles and any reclaimed tailings.</li> </ul>

Criteria	JORC Code Explanation	Commentary
		• SKO consists of 141 tenements including 16 freehold titles, 6 exploration licenses, 47 mining lease 12 miscellaneous licenses and 60 prospecting licenses, all held directly by the Company.
		• There are no known issues regarding security of tenure.
		• There are no known impediments to continued operation.
		CMGP
		• Native title interests are recorded against several CMGP tenements.
		• The CMGP tenements are held by the Big Bell Gold Operations
		• (BBG0) of which Westgold has 100% ownership.
		• Several third party royalties exist across various tenements at CMGP, over and above the sta government royalty.
		• BBGO operates in accordance with all environmental conditions set down as conditions for grant the leases.
		• There are no known issues regarding security of tenure.
		• There are no known impediments to continued operation.
		FGP
		• The Fortnum Gold Project tenure is 100% owned by Westgold through subsidiary company Arag Resources Pty. Ltd.
		• Various Royalties apply to the package. The most pertinent being;
		» \$10/oz after first 50,000oz (capped at \$2M)- Perilya
		» State Government – 2.5% NSR
		• The tenure is currently in good standing.
Exploration done by	Acknowledgment and appraisal of exploration	• The HGO region has an exploration and production history in excess of 30 years.
other parties	other partie	• The SKO tenements have an exploration and production history in excess of 100 years.
		• The CMGP tenements have an exploration and production history in excess of 100 years.
		• The FGP tenements have an exploration and production history in excess of 30 years.
		Westgold work has generally confirmed the veracity of historic exploration data.
Criteria	JORC Code Explanation	Commentary
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Geology	<ul> <li>Deposit type, geological setting and style of</li> </ul>	HGO
	mineralisation.	<ul> <li>Trident is hosted primarily within a thick, weakly differentiated gabbro with subordinate mafic and ultramafic lithologies and comprises a series of north-northeast trending, shallowly north-plunging mineralised zones. The deposit comprises two main mineralisation styles; large wallrock-hosted ore-zones comprising sigmoidal quartz tensional vein arrays and associated metasomatic wall rock alteration hosted exclusively within the gabbro;</li> </ul>
		<ul> <li>and thin, lode-style, nuggetty laminated quartz veins that formed primarily at sheared lithological contacts between the various mafic and ultramafic lithologies.</li> </ul>
		<ul> <li>Lake Cowan mineralisation can be separated into two types. Structurally controlled primary mineralisation in ultramafics, basalts and felsics host (e.g. Louis, Josephine and Napoleon), and saprolite / palaeochannel hosted supergene hydromorphic deposits, including Sophia, Brigitte and Atreides.</li> </ul>
		SKO
		• HBJ:
		The HBJ lodes form part of a gold mineralised system along the Boulder-Lefroy shear zone that is over 5km long and includes the Celebration, Mutooroo, HBJ and Golden Hope open-pit and underground mines. The lodes are hosted within a steeply-dipping, north-northwest striking package of mafic, ultramafic and sedimentary rocks and schists that have been intruded by felsic to intermediate porphyries. Gold mineralisation is structurally controlled and is focused along lithological contacts, within stockwork and tensional vein arrays and within shear zones. The main mineralised zone has a length in excess of 1.9 km and an average width of 40 m in the Jubilee workings but is generally narrower to the north in the Hampton -Boulder workings.
		Mount Marion:
		• The Mount Marion deposit is located on the eastern side of the Coolgardie Domain within a flexure in the Karramindie Shear Zone. It is hosted within a sub-vertical sequence of meta- komatiites intercalated with metasediments that have been metamorphosed to amphibolite facies. Gold mineralisation occurs in a footwall and hangingwall lode, each ranging in thickness from 2 to 15m. The mineralisation plunges steeply to the west and is open at depth.
		Mount Martin:
		The Mount Martin Tribute Area, is located within a regional scale north-northwest trending Archean Greenstone Belt. Within the Mount Martin - Carnilya area, the greenstone belt comprises a mixed sequence of ultramafic (predominantly komatiitic) and fine-grained, variably sulphidic sedimentary lithologies with subsidiary mafic units. Known gold and nickel mineralisation at the Mount Martin Mine is associated with a series of stacked, westerly dipping, sulphide and quartz-carbonate bearing lodes which are mainly hosted within intensely deformed and altered chloritic schists sandwiched between talc-carbonate ultramafic lithologies.
		• Pernatty:
		The Pernatty deposit is hosted within a granophyric phase of a gabbro and is controlled by a structurally complex interaction of a number of major shear zones. Shearing has altered the original granophyric quartz dolerite to a biotite-carbonate-plagioclase-pyrite schist. The sequence has also been intruded by mafic and felsic porphyritic dykes, which are also mineralised.

Criteria	JORC Code Explanation	Cor	mmentary
			CMGP
		•	The CMGP 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.
		•	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.
		•	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.
		•	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.
			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.
		•	The Horseshoe Cassidy deposits are hosted within the Ravelstone Formation (siltstone and argillite) and Narracoota Formation (highly-altered, moderate to strongly deformed mafic to ultramafic rocks). The main zone of mineralisation is developed within a horizon of highly altered magnesian basalt. Gold mineralisation is associated with strong vein stock works that are confined to the altered mafic. Alteration consists of two types; stockwork proximal silica-carbonate-fuchsite-haematite-pyrite and distal silica-haematite-carbonate+/- chlorite.
		•	The Peak Hill district represents remnants of a Proterozoic fold belt comprising highly deformed trough and shelf sediments and mafic / ultramafic volcanics, which are generally moderately metamorphosed (except for the Peak Hill Metamorphic Suite).

Criteria	JORC Code Explanation	Commentary
Drill hole Information	<ul> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</li> <li>» easting and northing of the drill hole collar</li> <li>» elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>» dip and azimuth of the hole</li> <li>» down hole length and interception depth</li> <li>» hole length.</li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding</li> </ul>	Tables containing drillhole collar, downhole survey and intersection data are included in the body of the announcement.
Data aggregation methods	<ul> <li>exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</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>	No high-grade cuts are used.

Criteria	JORC Code Explanation	Commentary
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 (eg '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.
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 (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	• Ongoing surface and underground exploration activities will be undertaken to support continuing mining activities at Westgold Gold Operations.

## SECTION 3 ESTIMATION AND REPORTING OF MINERAL RESOURCES

(Criteria 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>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>Current and historical mining activities across the Higginsville region provide significant confidence in the geological interpretation of all projects.</li> <li>No alternative interpretations are currently considered viable.</li> <li>In all cases the local lithological and structural geology has been used to inform the interpretive process. All available information from drilling, underground mapping and pit mapping has been</li> </ul>

Criteria	JORC Code Explanation	Co	mmentary
			SKO
		•	HBJ:
			The mineralisation has been modelled focussing on the structural (shear zone) and lithological (porphyry mainly) controls. The large scale (1.9km long and ~40m wide) provides significant confidence in the geological and grade continuity within the deposit. The interpretation has used predominantly RC drilling with some DD used for the deeper parts of the resource.
			There is an alternative interpretation that could be applied to this deposit, which focuses on defining and sub-domaining higher grade mineralisation that is evident at lithological contacts.
		•	Mount Marion:
			The lithological and structural model for the Mount Marion deposit is well understood as it is supported by the knowledge gained from open-pit and underground operations.
			The mineralisation is hosted along a dilational flexure within the lode gneiss with clearly defined contact mineralisation with the surrounding ultramafic lithologies. The lithological model is used as the basis for the mineralisation interpretation and has been derived from predominantly RC and Diamond drill-holes. The confidence of the geological controls on mineralisation is consistent with the resource classification applied to the deposit. No alternative interpretations have been devised for this deposit.
		•	Mount Martin:
			Gold mineralisation at Mount Martin is associated with chlorite schists (shear zones) hosted within talc-carbonate ultramafic lithologies. Within these controlling shear zones are a series of stacked, westerly-dipping, sulphide and quartz carbonate bearing lodes which host the majority of the gold mineralisation. The geological and mineralisation interpretation used in this resource is consistent with that mined historically in the open pit. Although other interpretations have been proposed they tend to be variations on the steep westerly-dipping lodes theme adopted for this resource and as such would not represent a significant change in the contained metal.
		•	Pernatty:
			Mineralisation at Pernatty is controlled by a complex arrangement of very well-defined shear zones with the highest grade mineralisation associated with structural intersections and flexures along the three main shears. Given the consistency in orientation of the three main controlling shears, the confidence in the geological and mineralisation interpretation is deemed adequate.
			CMGP
		•	Mining has occurred since 1800's providing significant confidence in the currently geological interpretation across all projects.
		•	No alternative interpretations are currently considered viable.
		•	Geological interpretation of the deposit was carried out using a systematic approach to ensure that the resultant estimated Mineral Resource figure was both sufficiently constrained, and representative of the expected sub-surface conditions. In all aspects of resource estimation the factual and interpreted geology was used to guide the development of the interpretation.
		•	The structural regime is the dominant control on geological and grade continuity at the CMGP. Lithological factors such as rheology contrast are secondary controls on grade distribution.

Criteria	JORC Code Explanation	Commentary
		FGP
		<ul> <li>Low-grade stockpiles are derived from previous mining of the mineralisation styles outlined above.</li> <li>Geological matrixes were established to assist with interpretation and construction of the estimation domains.</li> <li>Confidence in the interpretation is high as the geometry, geology, alteration and tenor of the</li> </ul>
		mineralised zones was observed to be consistent along strike and down dip
		• The interpretations was based on 10m and 20m north-south spaced sections.
		• The information used in the construction and estimation of the respective resources mineralisation is based on Air Core (AC), Reverse Circulation (RC) and Diamond Drill (DDH) hole information. The AC was included in the poorly information estimation domains and this was considered during the classification of these domains.
		Oxidation surfaces were constructed from the logged information on 20m north south sections.
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.	
	lower limits of the Mineral Resource.	• Chalice mineralisation has been defined over a strike length of 700m, a lateral extent of 200m and a depth of 650m.
		• The Lake Cowan resource has been defined over a strike length of >1.5Km, a lateral extent of >500m and to a depth of >150m.
		• SKO
		• The HBJ deposit extends over 5km of strike (includes the Golden Hope and Mutooroo lodes) and up to 650m below surface with the individual lodes being up to 40m wide.
		• Mount Marion mineralisation extends to just under 1km in strike length, 800m in depth with the lodes varying in width from 3 – 15m. The mineralisation is steeply plunging resulting in a very small surface expression of the lodes.
		• The Mount Martin deposit has a strike length of 1km, a vertical extent of 350m, with the individual, shallow west-south-westerly dipping lodes varying between 2 – 10m true thickness. These lodes make up a mineralised package of ~300m true thickness (hangingwall to footwall).
		• The Pernatty deposit has a strike extent of 500m, 400m dip extent and up to 300m in lateral extent. The individual lodes are of varying orientations and are generally between 2 – 15m wide.
		CMGP
		Individual deposit scales vary across the CMGP.
		• The Big Bell Trend is mineralised a strike length of >3,900m, a lateral extent of up +50m and a depth of over 1,500m.
		• Great Fingall is mineralised a strike length of >500m, a lateral extent of >600m and a depth of over 800m.
		• Black Swan South is mineralised a strike length of >1,700m, a lateral extent of up +75m and a depth of over 300m.

Criteria	JORC Code Explanation	Commentary
Estimation and modelling techniques	<ul> <li>The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.</li> <li>The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.</li> <li>The assumptions made regarding recovery of by-products.</li> <li>Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).</li> <li>In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.</li> <li>Any assumptions about correlation between variables.</li> <li>Description of how the geological interpretation was used to control the resource estimates.</li> <li>Discussion of basis for using or not using grade cutting or capping.</li> <li>The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.</li> </ul>	<ul> <li>HGO</li> <li>For Trident, Chalice, Two Boys, Vine and Lake Cowan the modelling and estimation work was undertaken by Alacer Gold and carried out in Vulcan 3D mining software. For Alacer Gold estimates the drill hole data to be used in the process was first validated.</li> <li>The initial interpretation was then completed on 1:250 scale hardcopy cross sections, long sections and level plans, this interpretation was then validated by either the senior geologists or the Chief Geologist before then being digitised into the Vulcan 3D modelling package. The digitised polygons 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>

Criteria	JORC Code Explanation	Commentary
		• No by-products or deleterious elements are estimated. No assumptions have been made about the correlation between variables.
		• The estimation is validated using the following: a visual interrogation, a comparison of the mean composite grade to the mean block grade for each domain, a comparison of the wireframe volume to the block volume for each domain, Grade trend plots (moving window statistics), comparison to the previous resource estimate.
		• The resource is then depleted for mining voids and subsequently classified in line with JORC guidelines utilising a combination of various estimation derived parameters and geological / mining knowledge.
		• Production reconciliation data is regularly used to check the performance of the estimate and to adjust parameters is necessary. Good reconciliation between mine claimed figures and milled figures is routinely achieved.
		SKO
		• The HBJ mineral resource estimate was undertaken in December 2011 by Widenbar and Associates Pty Ltd. The grade interpolation method used was Ordinary Kriging (OK) in the Datamine ESTIMA process – a method that is appropriate for the style of mineralisation being estimated. A simple unfolding process has been applied to the data and model blocks in order to simplify the setup of search ellipses and allow searches to follow the varying dip and strike of the various domains.
		• Geological, mining as-built and mineralisation domains and a valid drillhole database were supplied by SKO personnel. The geological and mineralisation domains were used to control the interpolation as hard boundaries (mineralisation domains) and for the application of bulk density data (geological boundaries).
		• The Mineral Resource estimates for Mount Marion, Mount Martin and Pernatty were undertaken by Alacer Gold in September 2011. The geological and mineralisation wireframes as well as the grade interpolation was undertaken in Vulcan 8.04 3-D modelling software with statistical analysis undertaken using Snowden Supervisor software. The interpolation method used was Ordinary Kriging (OK) – a method that is appropriate for the styles of mineralisation being estimated.
		• Statistical analysis was undertaken to determine the composite length (1m) and for the application of top-cuts.
		• The search ellipses applied were based on a combination of drillhole spacing and variographic analysis. Various minimum and maximum samples were used in the first search with a maximum of four samples per drill-hole allowed. Several passes were used each with increasing search ellipse sizes, all the blocks in the mineralised domains were informed in the first pass.
		• The block model was depleted using surfaces / domains generated by the SKO Survey. Validation of the models was completed by visual inspection, statistical comparisons and comparison with reconciliation data, with the final model achieving a satisfactory validation.
		No deleterious elements were estimated as they are considered not material.

Criteria	JORC Code Explanation	Comm	nentary
		С	CMGP
			All modelling and estimation work undertaken by Westgold is carried out in three dimensions via Surpac Vision.
		u th a	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 he 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.
		fl	Drillhole intersections within the mineralised body are defined, these intersections are then used to lag 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.
		d is w	Once the sample data has been composited, a statistical analysis is undertaken to assist with determining estimation search parameters, top-cuts etc. Variographic analysis of individual domains s undertaken to assist with determining appropriate search parameters. Which are then incorporated with observed geological and geometrical features to determine the most appropriate search parameters.
		bi pi tł	An empty block model is then created for the area of interest. This model contains attributes set at background values for the various elements of interest as well as density, and various estimation barameters that are subsequently used to assist in resource categorisation. The block sizes used in he model will vary depending on orebody geometry, minimum mining units, estimation parameters and levels of informing data available.
		st u B re	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.
			The resource is then depleted for mining voids and subsequently classified in line with JORC guidelines utilising a combination of various estimation derived parameters and geological / mining knowledge.
		• T	This approach has proven to be applicable to Westgold's gold assets.
			Estimation results are routinely validated against primary input data, previous estimates and mining butput.
			Good reconciliation between mine claimed figures and milled figures was routinely achieved during past production history.

Criteria	JORC Code Explanation	Con	nmentary
			FGP
		•	All modelling and estimation work undertaken by Westgold is carried out in three dimensions with Surpac Vision, Snowden's Supervisor v8.3 and or Isatis 2015.
		•	Ordinary kriging (OK) and Localised Indicator Kriging (LIK) has been used. LIK was used for the estimation of all Jasperoid related estimation domains due to mosaic mineralisation style. Length weighting of assay values related to surveyed volumes was undertaken for low-grade stockpiles.
		•	All estimates were validated where possible against historical production records and previous estimates.
		•	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 was 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. Domaining was constructed on 20m and 10m spaced sections and was based on logged lithologies, quartz percentage and gold value.
		•	Drillhole intersections within the mineralised body are defined; these intersections are then used to flag the appropriate sections of the drillhole database tables for compositing purposes. Assay data was composited to 1m downhole using Surpac "best fit" algorithm. The "best fit" algorithm eliminates residual composites and the estimation domains boundaries defined the start and end position of the compositing routine. In all aspects of resource estimation; the factual and interpreted geology was used to guide the development of the interpretation.
		•	Support analysis of the difference drill types (Air Core (AC), Reverse Circulation (RC) and Diamond Drill holes (DDH)) was performed and the mixing these deemed acceptable. The AC drill holes were used in the estimation of the poorly informed estimation domains.
		•	Statistical analysis was carried out on the composited data to assist with determining estimation search parameters, top-cuts and spatial continuity. Data for some of the domains exhibit an increased degree of skewness and top-cuts were applied to reduce the skewness of distribution. The appropriateness of the top-cuts was assessed for each domain utilising log-probability plots, mean and variance plots, histograms and univariate statistics for the composite Au variable.
			Variogram modelling was undertaken using Isatis <sup>™</sup> software and defined the spatial continuity of gold within all domains and these parameters were used for the interpolation process. Indicator variograms were generated within the Jasperoid related estimation domains to the used in the LIK estimation process.
		•	Volume models were generated in Surpac using topographic surfaces, oxidation surfaces and mineralised zone wireframes as constraints.
		•	Quantitative Kriging Neighbourhood Analysis was used optimise the search parameters.

Criteria	JORC Code Explanation	Commentary
		• Search ellipses were aligned parallel to the maximum continuity defined during the variographic analysis. The search dimensions, generally, approximated the ranges of the interpreted variograms and ranged from 50 to 100m. The minimum and maximum number of samples range from 7 to 11 and 18 to 30, respectively. Second and third pass searches were implement to fill the un-estimated cells / blocks if they were not estimated during the first search pass and these search parameters involved increasing in the search distances and reducing in the minimum number of samples used in the estimation process.
		• The extrapolation was control through the interpreted estimation domains, which was limited to half the drill hole spacing within section and half the section spacing between sections.
		• Block estimation for gold was undertaken using Isatis <sup>™</sup> and hard boundaries were used between domains for estimation of gold grade.
		• No assumptions were made about recovery during the OK and LIK estimation processes.
		• Grade estimation was undertaken, with the ordinary kriging (OK) estimation method for all non- jasperoid related estimation domains.
		• Check estimates were run using Localised Uniform Conditioning (LUC) for the LIK estimation domains, which produces a similar form of result to LIK. The LIK and LUC models were compared, with reasonable agreement at lower cut-offs and differences at higher cut-offs reflecting higher estimated gold variability in the LIK model. The LIK is believed to be better suited to the style of mineralisation for the Jasperoid related estimation domains.
		• The estimation is validated using the following: a visual interrogation, a comparison of the mean composite grade to the mean block grade for each domain, a comparison of the wireframe volume to the block volume for each domain, grade trend plots (moving window statistics), comparison to the previous resource estimate.
		• The only element of economic interest modelled is gold.
		• The Isatis <sup>™</sup> block models were transferred and imported to Surpac Mining Software. The transfer and importing process was validated against the Isatis <sup>™</sup> block model. The resource was then depleted for mining voids and subsequently classified in line with JORC guidelines utilising a combination of various estimation derived parameters and geological / mining knowledge.
Moisture	Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.	
Cut-off parameters	• The basis of the adopted cut-off grade(s) or quality parameters applied.	• The cut off grades used for the reporting of the Mineral Resources have been selected based on the style of mineralisation, depth from surface of the mineralisation and the most probable extraction technique.

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>	<ul> <li>HGO The principle extraction method at Trident is. For the narrow vein systems at Trident bench stoping is employed. SKO The Pernatty, Mount Martin and upper portions of the HBJ deposits are assumed to be amenable to open pit mining processes. A minimum mining width of 2.5m (horizontal) is applied to the lodes. The lower parts of the HBJ deposit are assumed to be mineable via sub-level open stoping or sub-level caving. The Mount Marion deposit is assumed to be amenable to underground mining via open stoping means which is consistent with the mining practices adopted for the Mount Marion deposit. CMGP Variable by deposit. FGP Conventional open cut mining with 120t class hydraulic backhoe excavators and 90t rigid dump trucks. 2m minimum mining width has been assumed. No mining dilution or ore loss has been modelled in the resource model or applied to the reported Mineral Resource.</li></ul>
Metallurgical factors or assumptions	<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>	<ul> <li>HGO</li> <li>Metallurgical test work is carried out on a project by project basis. The Higginsville plant is approximately 5.5 years old and routinely averages over 96% recovery when being fed with Trident material.</li> <li>SKO</li> <li>The majority of the SKO resource base comprises deposits that have some level of mining history and hence established metallurgical properties.</li> <li>CMGP</li> <li>Not considered for Mineral Resource. Applied during the Reserve generation process.</li> <li>FGP</li> <li>Horizons were modelled based on oxidation state of the host rocks, taken from the drilling information. These were: transported and lateritic residuum, oxidised, transitional and fresh.</li> <li>Jasperoid was flagged in the model due to its hardness and differing heap leach characteristics as identified in recent metallurgical scoping studies.</li> </ul>

Criteria	JORC Code Explanation	Commentary
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>	<ul> <li>For underground operations.</li> <li>Process water is pumped 30 km from the Chalice open pit to the Aphrodites pit from which it is stored prior to pumping to the process mill</li> <li>Potable water is pumped from the Coolgardie–Norseman water pipe line and is provided by the state water provider.</li> </ul>
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>	• For Trident bulk densities were assessed via test work and assigned to the model. Samples were selected to cover the full range of lithology types and ore types across the deposit. Individual unbroken half core samples of approximately 30cm length were randomly selected from within specified metre intervals. Samples were sent to the Genalysis Laboratory in Kalgoorlie, where mass and volumes (by water immersion) were measured and bulk density calculated.

Criteria	JORC Code Explanation	Commentary
		<ul> <li>CMGP</li> <li>Bulk density of the mineralisation at the CMGP is variable and is for the most part lithology rather than mineralisation dependent. Bulk density sampling is undertaken via assessments of drill core and grab samples.</li> <li>A significant past mining history has validated the assumptions made surrounding bulk density at the CMGP.</li> <li>FGP</li> <li>A large suite of bulk density determinations have been carried out across the project area. The bulk densities were separated into different weathering domains and lithological domains (i.e. jasperoid domains). Density determinations were made on diamond drill core representing mineralisation utilised the water immersion method (Archimedes Principle).</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 (ie 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>	• Resources are classified in line with JORC guidelines utilising a combination of various estimation derived parameters, input data and geological / mining knowledge.
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>

Criteria	JORC Code Explanation	Commentary
Discussion of relative accuracy/ confidence	<ul> <li>Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.</li> <li>The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.</li> <li>These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.</li> </ul>	and local scale.

## 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>	or Measured Resource. Indicated Resources are only upgraded to Probable Reserves after adding appropriate modifying factors. Some Measured Resource may be classified as Proven Reserves and	
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>		

Criteria	JORC Code Explanation	Commentary
Study status	<ul> <li>The type and level of study undertaken to enable Mineral Resources to be converted to Ore Reserves.</li> <li>The Code requires that a study to at least Pre- Feasibility Study level has been undertaken to convert Mineral Resources to Ore Reserves. Such studies will have been carried out and will have determined a mine plan that is technically achievable and economically viable, and that material Modifying Factors have been considered</li> </ul>	<ul> <li>HGO</li> <li>Mining is in progress at HGO.</li> <li>The Trident Underground mine began production in late 2008. The mining methodology, design layouts, production performance, mining modifying factors and cost profiles used in the 2015 Mineral Reserve are therefore reflective of this history.</li> <li>Underground mining costs have been derived from the current Australian Contract Mining (ACM) rates.</li> </ul>
		<ul> <li>FGP</li> <li>The Fortnum Gold Mine Operation ceased production in May 2007 when owned by Gleneagle Gold. Previous to this the operation was operated by Perilya and Homestake, and first began commercial mining operations in the late 1980's. Extensive mining and processing records are therefore available in each of the deposits.</li> <li>Various open pit styles and host domains have been mined since discovery of the area by Homestake in 1980's. Mining during this time has ranged from open pit cut backs, virgin surface excavations to extensional underground developments.</li> <li>The Fortnum Gold Mine Open Pit and Underground inventory had a Pre-feasibility study completed by MLX in early 2016. Additional cost details, operational constraints and a revision of the Resources (with classification) have continued since this initial financial evaluation. A Feasibility Study was completed on these revisions and therefore forms the basis for this Reserve statement. The Fortnum Gold Mine is now at a budgetary level analysis with specific details on processing components and reagent costs, specific mining contractor cost profiles, contractual haulage costs, power provider unit rates as well as site specific G&amp;A</li> </ul>

Criteria	JORC Code Explanation	Commentary
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 were determined for the various mining methods and various mining sections in the mines. The COG's have been applied to both development and stope production from their respective areas.</li> <li>Open Pit Mines - The pit rim cut-off grade (COG) was determined as part of the Reserve estimation. The pit rim COG determines which material will be processed by equating the operating cost of processing and selling to 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 as waste.</li> </ul>
Mining factors or assumptions	<ul> <li>The method and assumptions used as reported in the Pre-Feasibility or Feasibility Study to convert the Mineral Resource to an Ore Reserve (i.e. either by application of appropriate factors by optimisation or by preliminary or detailed design).</li> <li>The choice, nature and appropriateness of the selected mining method(s) and other mining parameters including associated design issues such as pre-strip, access, etc.</li> <li>The assumptions made regarding geotechnical parameters (eg pit slopes, stope sizes, etc), grade control and pre-production drilling.</li> <li>The major assumptions made and Mineral Resource model used for pit and stope optimisation (if appropriate).</li> <li>The mining dilution factors used.</li> <li>Any minimum mining widths used.</li> <li>The 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>Ore Reserves have been undertaken on a 'bottom up' process – with the physicals reflecting mine designs rather than Resource conversion factors or Whittle optimisations.</li> <li>HGO</li> <li>Mining methodologies for underground Reserves centre on long hole open stoping. However, there are areas which are designed as narrow vein up hole or flat bench stoping. All methods described in the Reserve have either been trialled successfully and/or implemented historically. The stope design parameters take into account the different mining shapes and are based on specific geology and geotechnical domains associated with those areas. Stope shapes, level layouts and extraction sequences are designed cognisant of local and regional ground conditions. Where deteriorating ground conditions are expected or where significant fault planes run adjacent to mineralisation, stope shapes are altered to encompass these conditions and sequenced early to ensure recovery is possible.</li> <li>Dilution factors vary pending the orebody style and host rock conditions as well as from mining sequence and development layouts.</li> </ul>

Criteria	JORC Code Explanation	Commentary
		• With the implementation of paste filling at Trident and the utilisation of remote loaders with telecabins, a 100% mining recovery factor is applied to the stope physicals.
		No Inferred resources are included with the Reserve Statement.
		• Both underground mines are established production centres and have been in operation for several years. Mining methodologies forecasted in the Reserve are those currently being utilised.
		• Conventional open pit mining methodologies and sequencing have been applied to open pits.
		• A 6% dilution factor has been applied to Louis Reserve.
		• Louis has a 95% mining recovery factor.
		• Wall angles used in the Louis Pit are reflective of the historical parameters used.
		• Lake Cowan has pre-existing haulage routes and site earthworks. Re-establishment of the haulage route into Higginsville has been costed as is included within the economic analysis.
		SKO
		• Pit and underground reserves have all been subject to detailed mine design.
		• Stockpile resources have been converted to reserves by application of appropriate modifying factors.
		Feasibility Evaluations have incorporated dewatering requirements.
		• Open Pit geotechnical parameters have been supplied by Geotechnical Consultant following site inspection.
		• Open Pits have been designed to ensure a minimum 25m bench width.
		CMGP
		• Pit and underground reserves have all been subject to detailed mine design.
		• Stockpile resources have been converted to reserves by application of appropriate modifying factors.
		• Feasibility Evaluations have incorporated dewatering requirements.
		• Open Pit geotechnical parameters have been supplied by Geotechnical Consultant following site inspection.
		Open Pits have been designed to ensure a minimum 25m bench width.     FGP
		Open Pit Methodology.
		<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> </ul>
		• 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 in point 4 below.

Criteria	JORC Code Explanation	Commentary
		• Ore Reserves are based on Pit shape designs – with appropriate modifications to the original Whittle Shell outlines to ensure compliance with practical mining parameters.
		• Geotechnical parameters allied to the Open Pit 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 2016 design parameters. A majority of the open pits have a final design wall angle of 38-420, which is seen as conservative.
		• Dilution of the ore through the mining process has been accounted for within the 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.
		• Expected mining recovery of the ore has been set at 93%.
		• Minimum Mining widths have been accounted for in the designs, with the utilization of 90T trucking parameters.
		• No specific ground support requirements are needed outside of suitable pit slope design criteria based on specific geotechnical domains.
		• 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.
		• No Inferred material is included within the open pit statement, though in various pit shapes inferred material is present. In these situations this inferred material is classified as waste.
		Underground Methodology.
		• 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.
		• 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 a sub level open stoping or single level bench stoping production methodology is used.
		• In narrow vein laminated quartz hosted domains a conservative narrow bench style mining method is used.
		• In narrow flat dipping deposits a Flat Long Hole process is adopted (with fillets in the footwall for rill angle) and or Jumbo stoping.

Criteria	JORC Code Explanation	Commentary
		• Stope shape parameters have been based on historical data (where possible) or expected stable hydraulic radius dimensions.
		• Stope inventories have been determined by cutting the geological wireframe at above the area specific COG and applying mining dilution and ore loss factors. The ore loss ratio accounts for pillar locations between the stopes (not operational ore loss) whilst dilution allows for conversion of the geological wireframe into a minable shape as well as hangingwall relaxation. A 20% dilution factor and 10% loss ratio has been subsequently applied to the Starlight Reserve statement.
		• 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 an 18.5m sub level interval.
		• Mining operational recovery for the underground mines is set at 100% due to the use of remote loading units as well as paste filling activities.
		<ul> <li>Stope shape dimensions vary between the various methods. Default hydraulic radii are applied to each method, and are derived either from historical production or geotechnical reports / recommendations. Where no data or exposure is available conservative HR values are used based on the contact domain type.</li> </ul>
		• 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.
Metallurgical factors or	<ul> <li>mptions appropriateness of that process to the style of mineralisation.</li> <li>Whether the metallurgical process is well-tested technology or novel in nature.</li> <li>The nature, amount and representativeness of</li> </ul>	HGO
assumptions		in Leach. The Higginsville plant has operated since 2008 and historical recoveries on Trident ore
		average 97%
		<ul> <li>Treatment of ore is via conventional gravity recovery / intensive cyanidation and CIL is applied as industry standard technology.</li> </ul>
	metallurgical test work undertaken, the nature of the metallurgical domaining applied and the corresponding metallurgical recovery factors	• Additional test-work is instigated where notable changes to geology and mineralogy are identified. Small scale batch leach tests on primary Louis ore have indicated lower recoveries (80%) associated with finer gold and sulphide mineralisation.
	<ul> <li>applied.</li> <li>Any assumptions or allowances made for deleterious elements.</li> </ul>	<ul> <li>There have been no major examples of deleterious elements affecting gold extraction levels or bullion quality. Some minor variations in sulphide mineralogy have had short-term impacts on reagent consumptions.</li> </ul>
	• The existence of any bulk sample or pilot scale test work and the degree to which such samples are considered representative of the orebody as a whole.	<ul> <li>No bulk sample testing is required whilst geology/mineralogy is consistent based on treatment plant performance.</li> <li>SKO</li> </ul>
	<ul> <li>For minerals that are defined by a specification, has the ore reserve estimation been based on the appropriate mineralogy to meet the specifications?</li> </ul>	• A long history of processing through the existing facility demonstrates the appropriateness of the process to the styles of mineralisation considered.
		• No deleterious elements are considered, as a long history of processing has shown this to be not a material concern.

Criteria	JORC Code Explanation	Com	imentary
			CMGP
			A long history of processing through the existing facility demonstrates the appropriateness of the process to the styles of mineralisation considered.
			No deleterious elements are considered, as a long history of processing has shown this to be not a material concern.
			FGP
			Fortnum Gold Mine 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.
		•	Grind size for the sulphide material has historically been 130 $\mu$ m.
			An extensive database of historical CIL recoveries as well as detailed metallurgical test work is available for the various deposits and these have been incorporated into the COG analysis and financial models.
		•	For the 2016 Reserve, Plant recoveries of 93-95% have been utilised.
Environmental		•	<b>HGO</b> The Higginsville mine operates under and in compliance with a number of operating environmental plans, which cover its environmental impacts and outputs.
			Waste is generally stored underground in mined out stopes. When underground stopes are not available, waste is placed on approved surface waste dumps or capping material for historical tailings dams.
			Waste rock created from the Open Pit operations is stored alongside the pit crest. <b>SKO</b>
			SKO operates under and in compliance with a number of operating environmental plans, which cover its environmental impacts and outputs.
			CMGP
			CMGP operates under and in compliance with a number of operating environmental plans, which cover its environmental impacts and outputs.
			FGP
		•	The FGP has normal Western Australian permitting requirements.

Criteria	JORC Code Explanation	Commentary
Infrastructure	The existence of appropriate infrastructure: availability of land for plant development, power, water, transportation (particularly for bulk commodities), labour, accommodation; or the ease with which the infrastructure can be provided, or accessed.	<ul> <li>HGO</li> <li>Trident is currently active and have substantial infrastructure in place including a large amount of underground infrastructure, major electrical, ventilation and pumping networks. The main Higginsville location has an operating CIL plant a fully equipped laboratory, extensive workshop, administration</li> </ul>
Costs	<ul> <li>The derivation of, or assumptions made, regarding projected capital costs in the study.</li> <li>The methodology used to estimate operating costs.</li> <li>Allowances made for the content of deleterious elements.</li> <li>The source of exchange rates used in the study.</li> <li>Derivation of transportation charges.</li> <li>The basis for forecasting or source of treatment and refining charges, penalties for failure to meet specification, etc.</li> <li>The allowances made for royalties payable, both Government and private.</li> </ul>	<ul> <li>HGO Underground Mines</li> <li>Capital Development costs are derived from the current contractor cost model (ACM). CAPEX Infrastructure costs have been sourced either from specific quotes or historical invoices.</li> <li>Operating costs are derived primarily from the current contractor cost profile (ACM). In areas where works are outside of ACM's scope, alterative contractor costs have been sourced. <i>Open Pit Mine</i></li> <li>CAPEX has been sourced from a specific quote (Dec 2013).</li> <li>Operating costs associated with the pit operation are based on schedule of rates from various Kalgoorlie based contractors. These costs are in line with previous pit operations in both SKO and</li> </ul>

Criteria	JORC Code Explanation	Commentary
		Surface and Plant
		• The HGO Plant costs are derived from historical cost profiles, with updates from recent consumable negotiations.
		• Fuel and potable water rates are reflective of current market conditions.
		• Site Administration and Manning costs are reflective of current conditions.
		Royalties
		All private and state royalties have been incorporated into the Reserve cost model.     SK0
		Processing costs are based on actual cost profiles, as are administrative costs.
		Both state government and private royalties are incorporated into costings as appropriate.
		• Mining costs are derived primarily from the current contractor cost profiles in both the open pit and underground environment.
		CMGP
		Capital Costs were estimated as part of the DFS.
		Operating Costs were estimated as part of the DFS.
		• WA State Government 2.5% applies.
		• \$5 per oz produced Royalty applies to Great Fingall Deeps.
		FGP
		• Open Pit Mining costs have been sourced from MLX CMGP operations whereby several contracting companies are undertaking mining works. These costs include pit load and haul as well as drill and blast, dewatering and maintenance. The costs are based on recent tender submissions (early 2016) for the CMGP which is located 200km south of the Fortnum Gold Mine.
		• Underground mining costs used within the Reserve process are derived from existing operational UG mines within the Kalgoorlie and Meekatharra district. They are based on current contractual schedule of rates for all mining processes covered in this Reserve statement.
		• Additional to direct mining costs, surface haulage is based on recent 2016 request for quotation. Where specific tkm rates are not available, a default value of \$0.10-0.15 /tkm has been used.
		• Processing costs are based on the 2016 Feasibility profile. These costs are in line with previous operating conditions and are aligned to the cost profile seen in MLX's neighbouring operation of CMGP.
		• Royalties applicable to the open pit, underground and stockpile inventory vary pending tenement, though a summary of these are:
		» \$10/oz after first 50,000oz (capped at \$2M)- Perilya
		» 1% NRS - Montezuma
		» State Government – 2.5% NSR

Criteria	JORC Code Explanation	Commentary
Revenue factors	<ul> <li>The derivation of, or assumptions made regarding revenue factors including head grade, metal or commodity price(s) exchange rates, transportation and treatment charges, penalties, net smelter returns, etc.</li> <li>The derivation of assumptions made of metal or commodity price(s), for the principal metals, minerals and co-products.</li> </ul>	• No allowance is made for silver by-products.
Market assessment	<ul> <li>The demand, supply and stock situation for the particular commodity, consumption trends and factors likely to affect supply and demand into the future.</li> <li>A customer and competitor analysis along with the identification of likely market windows for the product.</li> <li>Price and volume forecasts and the basis for these forecasts.</li> <li>For industrial minerals the customer specification, testing and acceptance requirements prior to a supply contract.</li> </ul>	<ul> <li>and applied in the estimation of revenue, cut-off grade analysis and future mine planning decisions.</li> <li>There remains strong demand and no apparent risk to the long term demand for the gold.</li> </ul>
Economic	<ul> <li>The inputs to the economic analysis to produce the net present value (NPV) in the study, the source and confidence of these economic inputs including estimated inflation, discount rate, etc.</li> <li>NPV ranges and sensitivity to variations in the significant assumptions and inputs.</li> </ul>	• The Higginsville NPV assumes a 10% discount rate with no inflation. Mining costs derived from contract rates, Paste Plant costs as per cubes required at a historical A\$/m3, G&A costs on a cost per tonne basis and processing cost based on actual cost profiles.
Social	The status of agreements with key stakeholders and matters leading to social licence to operate.	

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Other	<ul> <li>To the extent relevant, the impact of the following on the project and/or on the estimation and classification of the Ore Reserves:</li> <li>Any identified material naturally occurring risks.</li> <li>The status of material legal agreements and marketing arrangements.</li> <li>The status of governmental agreements and approvals critical to the viability of the project, such as mineral tenement status, and government and statutory approvals. There must be reasonable grounds to expect that all necessary Government approvals will be received within the timeframes anticipated in the Pre-Feasibility or Feasibility study. Highlight and discuss the materiality of any unresolved matter that is dependent on a third party on which extraction of the reserve is contingent.</li> </ul>	<ul> <li>SKO</li> <li>SKO 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. CMGP</li> <li>The CMGP is progressing through environmental and other regulatory permitting. FGP</li> <li>No negative social impacts noted.</li> <li>Local stakeholders have been consulted regarding MLX plan for the Fortnum Gold Mine.</li> <li>MLX continues to work with local governments, business owners and residence around the Fortnum Gold Mine.</li> <li>HGO is an active mining project.</li> <li>SKO is an active mining project.</li> <li>FGP is a development project.</li> </ul>
Classification	<ul> <li>The basis for the classification of the Ore Reserves into varying confidence categories.</li> <li>Whether the result appropriately reflects the Competent Person's view of the deposit.</li> <li>The proportion of Probable Ore Reserves that have been derived from Measured Mineral Resources (if any).</li> </ul>	Measured Resources have a high level of confidence and are generally defined in three dimensions and have been accurately defined or capitally and normally developed. 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. Informed resources always contain significant

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Audits or reviews	• The results of any audits or reviews of Ore Reserve estimates.	• Site generated reserves and the parent data and economic evaluation data is routinely reviewed by the Westgold Corporate technical team.
Discussion of relative accuracy/ confidence	<ul> <li>Where appropriate a statement of the relative accuracy and confidence level in the Ore Reserve estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the reserve within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors which could affect the relative accuracy and confidence of the estimate.</li> <li>The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.</li> <li>Accuracy and confidence discussions should extend to specific discussions of any applied Modifying Factors that may have a material impact on Ore Reserve viability, or for which there are remaining areas of uncertainty at the current study stage.</li> <li>It is recognised that this may not be possible or appropriate in all circumstances. These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.</li> </ul>	<ul> <li>HGO</li> <li>Trident reserves are reflective of current operating practices and mine planning processes. All currently reported reserve calculations are considered representative on a local scale. Regular mine reconciliations occur to validate and test the accuracy of the estimates at Trident. A comprehensive production history confirms the validity of the Trident reserve.</li> <li>Reserve calculations for open pits are cognisant of the historical geological, geotechnical and mining data. Confidence in the Reserve is further achieved with the validation of historical production data and observation of structural orientations on the existing pit walls.</li> <li>SKO</li> <li>All currently reported reserve calculations are considered representative on a local scale. Regular mine reconciliations occur to validate and test the accuracy of the estimates at SKO.</li> <li>CMGP</li> <li>The ore reserve has been completed to a DFS standard and benchmarked against local site historical production and experience, hence confidence in the estimates is high.</li> <li>FGP</li> <li>Various sensitivity analyses have been undertaken on the 2016 Reserve models in order to understand and subsequently control risk.</li> </ul>