

### **Highlights**

### **Quarterly Report**

for the period ending 31 December 2016

#### **Gold Operations**

- The Gold Division achieved record gold production after four consecutive quarter on quarter increases. The current quarter leapt by 15% over the previous quarter to 75,134 ounces produced (including Cannon) and 79.655 ounces sold.
- Group operating costs (C1) averaged A\$981 per ounce.
- Group AISC averaged A\$1,149 per ounce for the quarter.
- Westgold commenced its second underground mine at CMGP with the Comet mine starting on 30 December 2016.
- Dewatering at the Big Bell Mine significantly advanced with exposure of the decline portal.
- Significant progress was made on the refurbishment of the Fortnum process plant (the groups fourth key project). The plant is expected to start wet commissioning late in February 2017 with first gold due in March 2017.

#### **Exploration**

- At Higginsville a number of significant intercepts were received from the Igloo under lake sediments.
- The best result was 13 m @ 5.48 g/t Au from 24 m Hole IGLR006.
- At SKO, drilling on extensions to the prolific Zuleika Shear made a new discovery at Rinjani Prospect with a best result of 4 m at 17.00 g/t Au from 8 m and 28 m at 2.41 g/t from 28 m in hole ZUC174

#### Corporate

- Westgold successfully listed on the ASX on 6 December 2016 after shareholders approved the demerger from Metals X Limited at an EGM held on 24 November 2016.
- Westgold appointed Steve Norregaard as Director of Operations on 29 December 2016.
- Westgold group EBITDA for the guarter was A\$30.8 million (un-audited).
- Westgold closed the quarter with cash, and net working capital of \$99.1 million and no corporate debt.
- Gold hedging at the end of the quarter stood at 113,660 ounces at A\$1,643 per ounce. In addition, the gold pre-pay (un-earned revenue) amortised to 11,250 ounces at A\$1,550 per ounce.

#### **Enquiries**

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**Westgold Resources Limited** ACN 009 260 306

### **Gold Operations**

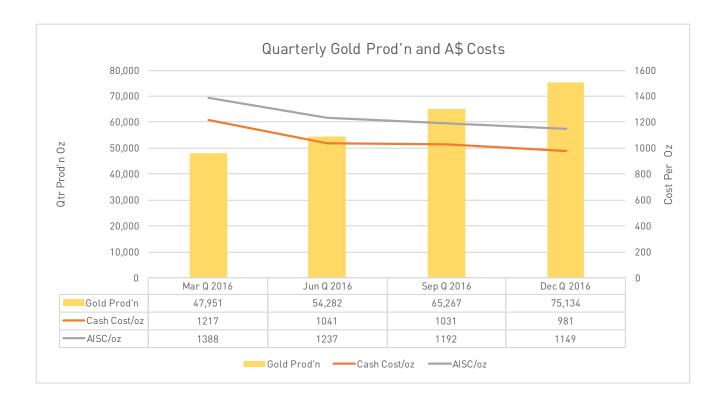
Total gold production for the quarter was 75,134 ounces of which 12,658 ounces was attributable to Cannon where Westgold has a 50% profit share. Cash operating costs averaged A\$981 per ounce. All-in sustaining costs estimates (AISC) across the group averaged A\$1,149 per ounce.

Overall performance for the gold group continued to improve with a fourth consecutive quarter or quarter increase of 15%, mainly from increased output from South Kalgoorlie Operations (SKO) and the Central Murchison Gold Project (CMGP). CMGP continued its ramp-up during the quarter. SKO benefited from a higher amount of Cannon ore being available. Overall performance and outputs would have been better if not for a number of nuisance slips in oxide open pits delaying and deferring production.

Safety stats for the Gold Division for the quarter are summarised below:

Site	LTI	LTIFR	TRIFR
Higginsville Gold Operations	0	0.00	90.59
South Kalgoorlie Operations	2	4.43	104.94
Central Murchison Gold Project	0	1.75	91.11
Fortnum Gold Project	1	32.60	97.80

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



		HGO	SK0	Cannon* (profit share)	CMGP	Group Qtr Total
Physical Summary	Units					
UG Ore Mined	t	138,652	82,635		126,425	347,712
UG Grade Mined (Inc. LG)	g/t	3.66	2.68		3.30	3.30
OP BCM Mined	всм	783,254	395,602	251,640	1,446,341	2,876,837
OP Ore Mined	t	190,946	43,541	133,114	254,409	622,010
OP Grade Mined	g/t	2.58	2.74	3.62	1.90	2.54
All Ores Processed	t	309,012	136,904	140,629	427,595	1,014,140
Head Grade	g/t	2.84	2.50	3.08	2.28	2.59
Recovery	%	92.26%	89.93%	90.99	85.17%	89.78%
Gold Produced	oz	26,031	9,908	12,658	26,537	75,134
Gold Sold	oz	26,435	9,618	15,102	28,501	79,655
Achieved Gold Price	A\$/oz	1,657	1,636	1,571	1,633	1,631
Cost Summary						
Mining	A\$/oz	624	981	375	675	647
Processing	A\$/oz	301	128**	262	297	270
Admin	A\$/oz	94	42	66	135	97
Stockpile Adj	A\$/oz	(160)	230	0	(22)	33
C1 Cash Cost (produced oz)	A\$/oz	859	1381	704	1,085	981
Royalties	A\$/oz	126	33	40	84	85
Marketing/Cost of sales	A\$/oz	2	1		0	1
Sustaining Capital	A\$/oz	11	233		120	77
Reclamation & other adj.	A\$/oz	0	0		0	0
Corporate Costs	A\$/oz	6	16		4	6
All-in Sustaining Costs	A\$/oz	1,004	1,664	1,040	1,293	1,149
Project Startup Capital	A\$/oz	38	306	0	408	198
Exploration & Holding Cost	A\$/oz	65	121	0	72	64
All-in Expenditure	A\$/oz	1,107	2,091	744	1,773	1,411
Depreciation & Amortisation	A\$/oz	246	500	0	299	257

<sup>\*</sup> Westgold has a 50% profit share from cash surplus generated from Cannon Pit. Note: Financials are unaudited numbers.

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

<sup>\*\*</sup> SKO processing cost are net of toll processing credits.

		HGO	SK0	Cannon* (profit share)	CMGP	Group YTD Total
Physical Summary	Units					
UG Ore Mined	t	300,925	140,705		215,400	657,030
UG Grade Mined (Inc. LG)	g/t	3.99	2.60		3.39	3.49
OP BCM Mined	всм	1,218,099	583,915	917,355	2,661,106	5,380,474
OP Ore Mined	t	267,967	88,088	269,546	527,127	1,152,728
OP Grade Mined	g/t	2.40	2.71	3.18	1.82	2.34
All Ores Processed	t	610,043	265,401	214,380	818,624	1,908,448
Head Grade	g/t	2.90	2.51	2.90	2.16	2.53
Recovery	%	93.34%	90.43%	90.98%	87.55%	90.19%
Gold Produced	oz	53,120	19,484	18,246	49,551	140,401
Gold Sold	oz	50,668	18,638	20,690	49,608	139,604
Achieved Gold Price	A\$/oz	1,662	1,686	1568	1,670	1,656
Cost Summary						
Mining	A\$/oz	619	1,070	447	742	703
Processing	A\$/oz	269	97**	293	309	262
Admin	A\$/oz	95	45	55	154	104
Stockpile Adj	A\$/oz	(78)	119	0	(96)	47
C1 Cash Cost (produced oz)	A\$/oz	904	1331	795	1,109	1,021
Royalties	A\$/oz	153	45	39	83	98
Marketing/Cost of sales	A\$/oz	2	3		0	1
Sustaining Capital	A\$/oz	39	174		64	62
Reclamation & other adj.	A\$/oz	0	0		0	0
Corporate Costs	A\$/oz	6	18		4	6
All-in Sustaining Costs	A\$/oz	1,104	1,570	834	1,260	1,189
Project Startup Capital	A\$/oz	59	305	0	415	211
Exploration & Holding Cost	A\$/oz	58	129	0	113	80
All-in Expenditure	A\$/oz	1,221	2,004	834	1,788	1,480
Depreciation & Amortisation	A\$/oz	370	464	0	268	299

<sup>\*</sup> Westgold has a 50% profit share from cash surplus generated from Cannon Pit. Note: Financials are unaudited numbers.

## 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 18th August 2016 for detail. The short-term objective of the CMGP was to re-establish gold production from a number of open pit sources whilst it progressively re-establishing four key underground mines, which when operational, would become the long-term feedstock for the project.

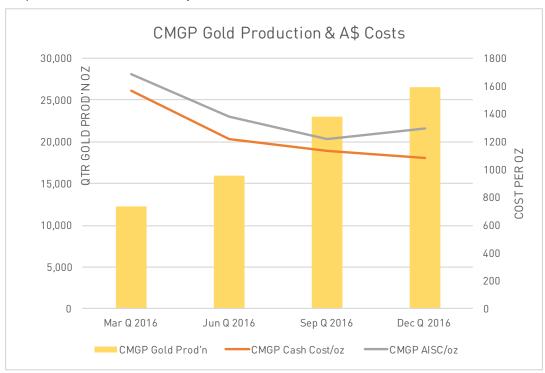
The first of these underground mines, Paddy's Flat is now in steady-state production. The second underground mine at CMGP, the Comet Mine, commenced late in the quarter with the portal being established in December 2016. Works on the large Big Bell underground mine in the form of dewatering of the mine have been underway for the past two quarters with the decline portal now being visible. Access back into the underground for refurbishment is expected to be re-established in the back half of the June Quarter 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. The Comet mine which is now underway is a smaller mine and will provide an output bridge whilst Big Bell ramps up to its production. Comet has a mining reserve of 165,547 ounces (1.5 million tonnes at 3.43 g/t Au) and requires only a small amount of capital mine development.

In parallel, the CMGP expects to re-commence underground development to re-establish production from the prolific Great Fingall and Golden Crown underground mines during calendar 2017. In addition, underground mines are planned for Triton-South Emu (Reedy's) mine, the Boomerang mine and Bluebird to top-up plant feedstock with higher-grade ores in the longer term.

Open pits are currently operating at the Yaloginda and Reedy's mining centres and provided feedstock for blending with underground ores. Open pit ore was processed from the Jack Ryan and Callisto open pits at Reedy's, whilst open pit mining at Yaloginda was from the Bluebird North and Surprise Pits. During the quarter, geotechnical instability in the oxidised rock has impacted the constant mining from these pits and deferred ore production into future months, however this has been mitigated by healthy ore stockpiles.

Cash operating costs (C1) were lower than the previous quarter at A\$1,085 per ounce but AISC estimates for the quarter increased to \$1,293 per ounce as open pit stripping and underground development of bulk stope areas at on the prohibition lodes at Paddy's Flat accelerated.



#### **CMGP Exploration and Development**

At the CMGP, the Prohibition lodes in the Paddy's Flat mine continues to deliver large gram metre intervals with recent resource drilling ahead of mining returning results such as **24.2 m at 3.56g/t Au** from 137 m in 16PRDD171, **21 m at 4.09 g/t Au** from 123 m in 16PRDD172 and **8 m at 6.38 g/t Au** from 14 m in 16PRDD177.

Also at the Paddy's Flat mine the first drilling into the Fatt's ore system has highlighted with broad zones of mineralisation, including **34.89 m at 2.31 g/t Au** from 149 m in 16VIDD222 and **46 m at 2.83 g/t Au** from 112 m in 16VIDD223. These provide significant encouragement for the future of Fatts as a mining area capable of sharing much of the existing mining infrastructure developed to service the parallel Vivian – Consol's section of the Paddy's Flat underground mine.

Exploration works in the Nannine land package, approximately 20 km south of Westgold's Bluebird mill were completed during the quarter. Initial testing of the Nannine Reef target progressed during the quarter, with the highlight being 7 **m at 3.37 g/t Au** from 15 m in 16NNRC028. It is expected upon completion of exploration and resource definition work a high-grade open pit opportunity will present at Nannine Reef, which will compliment a planned return to mining in the Nannine district commencing at the significant historical Aladdin mine.

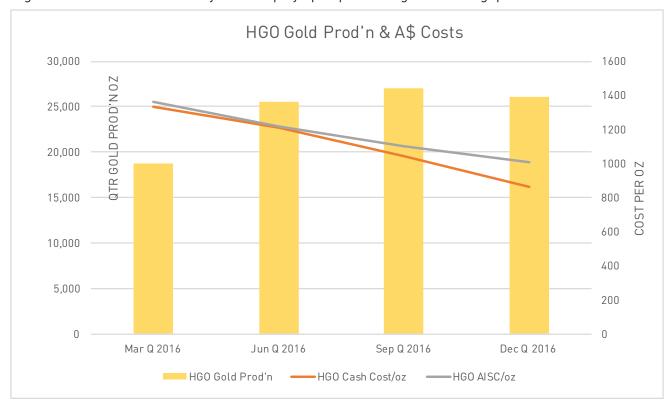
# **Higginsville Gold Operations (HGO)**

Higginsville had a milestone quarter which finally saw the closure of the Trident Mine and the transition to open pit mining at Mount Henry completed.

For the first half of the quarter, the final ore production and remnant blocks from Trident contributed to production. A substantial batch of Mt Henry only ores in varying oxidation states were processed as part of a metallurgical profiling process. This data is now being evaluated for potential plant modifications to get the most from the Mt Henry style deposits.

Quarterly gold production was 26,031 ounces. Cash costs (C1) were 16% lower at \$859 per ounce and AISC were steady at \$1,004 per ounce.

Mining will continue from Mt Henry and Fairplay open pits during the ensuing guarter.



### **Higginsville Exploration & Development**

At the HGO, exploration and resource definition programs have continued throughout the quarter at Higginsville as the site moved to sourcing 100% of its feedstock from open pit operations by year's end.

In the Mount Henry area resource development work to support the development of the next phase of open pits at Mount Henry and Selene has returned some very encouraging results highlighting the significant gold endowment of the area. Results such as **19.15 m at 4.41 g/t Au** from 100 m in MHRD0006 from the Mount Henry Deeps zone not only demonstrates the potential of pits further out in the open pit mining schedule in the area, but also points towards Mount Henry having the necessary grade and metal endowment to potentially support a phase of underground mining upon completion of pit activities.

Along strike to the immediate north at Selene Prospect the bulk nature of this orebody is highlighted by results such as **51.8 m at 2.01 g/t Au** from 49 m in SLRD0011. Selene is shaping up as a long-term source of baseload feed for the Higginsville operation and work will continue over the coming quarters to finalise the resource model and mining studies.

To the south of Mount Henry, drilling at the North Scotia exploration target has produced some very exciting results, the highlight being **5.36 m at 23.98 g/t Au** from 6 m in NSRD0004. Despite its close proximity to Mount Henry, North Scotia is more typical of the high-grade quartz reef-hosted mineralisation of the Norseman Goldfield, than the bulk BIF-hosted deposits of the Mount Henry area. Further work at North Scotia may provide Westgold with an avenue to improve the overall grade of the Mount Henry bulk feed being transported to the Higginsville Processing Plant.

Grassroots exploration has also progressed with considerable pace over the last quarter. As rig availability has allowed, work has progressed on conceptual target testing in the Greater Lake Cowan area. Showing considerable promise at this time is the Scott Joplin prospect, where significant anomalism, many times the regional background gold value, has been underlined by results such as **53 m at 140 ppb Au** from 22 m in HIGA7586, **42 m at 258 ppb Au** from 14 m in HIGA7589 and **14 m at 291 ppb Au** from 23 m in HIGA7593. Work on grassroots target definition and testing will continue in the first quarter of 2017.

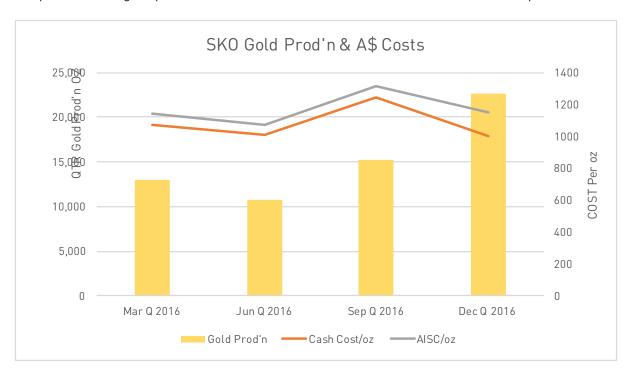
Exploration drilling of the exciting Igloo anomaly, under lake sediments on Lake Cowan was completed with some excellent initial results including 13 m @ 5.48 g/t Au from 24 m in Hole IGLR006. In addition, the next phase of testing at Republican (2.8 km anomaly peaking at 246 ppb gold) and Implausible (+4 km anomaly peak 79 ppb gold) is being advanced, showing the excellent potential for new discoveries under lake sediments within the HGO tenure.

## 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 form most sources.

Total output for the SKO plant increased 49% over the previous period to 22,566 ounces. Directly attributable processing for the quarter was 136,904 tonnes at 2.50 g/t Au and a 89.93% recovery to yield 9,908 ounces. An additional 140,629 tonnes at 3.08 g/t Au and a 91% recovery 12,658 ounces was processed from Cannon on which Westgold has a 50% profit share.

Underground production from HBJ improved as ore development from the virgin SOZ lodes began to impact overall grade and stoping output improved HBJ production increased 42% (tonnes) over the previous quarter with grade also increasing by 8% with total quarterly output of 58,070 tonnes at 2.48 g/t of ore. Open pit mining at the wholly owned Georges Reward Pit at Bulong had production of 44,547 tonnes at 2.69 g/t Au for the quarter. Directly attributable financial performance (excluding Cannon) resulted in cash operating costs of A\$1,381 per ounce of gold produced and AISC were estimated at A\$1,664/oz for the quarter.



#### SKO - Exploration & Development

Following on from the work of last quarter at South Kalgoorlie, the final round of resource definition drilling has been completed in anticipation of the calendar year 2017 open pit mining campaign. At Hansel Mundy results such as **23 m at 2.20 g/t Au** from 18 m in HMRC0090 have elevated confidence in the ability of this system, which is in close proximity to the Jubilee plant, to deliver meaningful volumes of mill feed over the coming year. The Westgold open pit team now has a fully defined schedule to sustain 100% of 2017s' required open pit feed to the Jubilee mill upon the cessation of mining activities at the Cannon open pit.

Conceptual exploration work along the prolific Zuleika shear zone as it extends south into Westgold's tenure from the prolific Kundana gold camp, has paid dividends this quarter with several extremely encouraging results returned. At the newly defined Rinjani Prospect several exciting new results including 4 m at 17.00 g/t Au from 8 m and 28 m at 2.41g/t from 28m in hole ZUC174 returned. Aggressive follow-up and the hope of a larger potential virgin discovery is planned in the ensuing quarter.

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

Westgold has a financing and profit sharing agreement with Southern Gold Limited (**SAU**) 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 fund all costs involved with the operation of the mine.

All ore from the mine is batched processed through the Jubilee Mill and all revenue first goes to repay costs. On the completion of mining surplus funds will be split on 50:50 basis (with all revenue first going to repay costs). In addition Westgold has made loan funds available to SAU of up to \$2.5 million to fund its other working capital requirements. The loan funds earn interest at 8% per annum and are secured by a mortgage over the Cannon Mining Tenement. To date SAU has fully drawn these loan funds. During the quarter, SAU repaid \$1.5 million of the principle leaving a further \$1 million plus interest of approximately \$200,000 outstanding.

The ensuing quarter will be see the larger stocks built from Cannon dominate the mill feed at the Jubilee mill.

Westgold has an entitlement to 50% of profits after all costs are repaid from the project.

# 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.

All engineering works are nearing completion with the only remaining long lead item outstanding being the power station and final switchgear (due to be finalised on 20 February 2017) in time for wet commissioning. As was previously advised, cost estimates for the entire project re-start to first gold production are estimated at A\$15 million and remain on budget. First gold production is due later in the ensuing quarter.

Ore processing will commence on accumulated low grade stockpiles which will be progressively replaced by higher grade ores from open pit and underground with an objective to achieve steady state production of approximately 70,000 ounces per annum at all-in costs of A\$1,280 per ounce. (Refer to MLX ASX announcement of 15 July 2016 for detail). Following a review of the excellent potential within the Starlight underground mine a decision was made to bring forward the mine de-watering and development schedule for the underground mining on the basis that a steady supply of higher-grade underground ores to form a base-load feed would be more beneficial to the long-term outcomes of the project.

Preparations for open pit mining to commence late in the March quarter were also advanced with contractors submitting tenders and mine dewatering of the old pit voids also commencing.

Significant upgrades to site infrastructure including refurbishment of the accommodation village was completed. Recruitment is advanced with all key roles filled and a full team expected to be on-site for commissioning and the commencement of mining.

#### Fortnum Exploration & Development

Drilling activities ahead of the pending re-start of mining at Fortnum have continued this quarter with several resource extension and validation drilling programs being undertaken. Drilling has been conducted across all three mining centres within the Greater Fortnum Gold Project, with open pit targets at Nathan's and Horseshoe - Cassidy - Pod the subject of drill programs, as was the underground mining target at Peak Hill.

Better results returned to date include 13.6 m at 3.84 g/t Au from 184.7 m in MXD0006 and 11.4 m at 2.63 g/t Au from 137 m in MXD0007 at Nathan's providing considerable support for the restart of mining at this project, and 7.7 m at 4.18 g/t Au from 163.1 m in MXD0013B at Horseshoe, again providing comfort regarding a restart of operations at Horseshoe - Cassidy - Pod later in the mining schedule.

A diamond hole drilled to test down plunge position of the main lode at the Peak Hill 5-Ways pit returned **2.4 m @ 9.74 g/t Au** from 234 m which is considered highly encouraging.

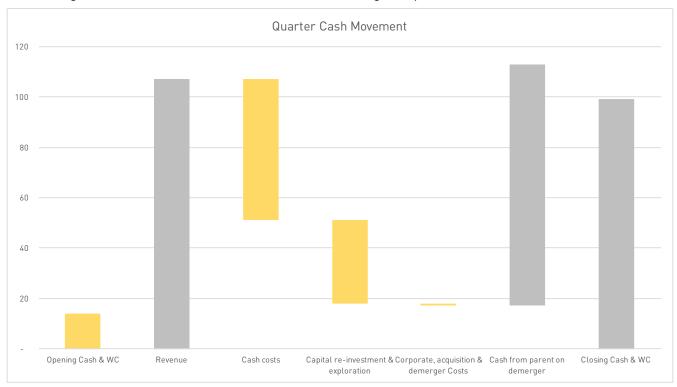
### **Rover Project**

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\$99.1 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 113,660 ounces at an average price of A\$1,643.47 per ounce covering a flat forward delivery of 6,250 ounces per month from April 2017. Pre-deliveries into hedges have occurred in a strategy to maximise sales prices at all times. In addition, Westgold has 11,250 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.

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## **CENTRAL MURCHISON GOLD PROJECT**

### **UNDERGROUND DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Prohibition	16PRDD152	7,056,352	649,843	340	1m at 7.86g/t Au	27	-40	307
	16PRDD163	7,056,366	649,806	340	1.2m at 12.81g/t Au	41	-21	245
	16PRDD165	7,056,365	649,805	340	33.7m at 3.46g/t Au	41	-10	230
	16PRDD166	7,056,366	649,806	340	5m at 3.52g/t Au	51	-22	230
	16PRDD166	7,056,366	649,806	340	1.35m at 5.4g/t Au	97	-22	230
	16PRDD171	7,056,397	649,991	312	4.8m at 4.68g/t Au	110	6	309
					2.3m at 4.43g/t Au	125		
					24.2m at 3.56g/t Au	137		
	16PRDD172	7,056,397	649,991	312	4.4m at 1.83g/t Au	103	-1	300
					8m at 2.32g/t Au	112		
					21m at 4.09g/t Au	123		
	16PRDD176	7,056,432	649,856	338	9.64m at 6.07g/t Au	0	33	108
	16PRDD177	7,056,442	649,857	338	8m at 6.38g/t Au	14	23	108
	16PRDD178	7,056,463	649,860	338	28.27m at 4.46g/t Au	0	41	108
	16PRDD179	7,056,463	649,860	337	29.28m at 2.79g/t Au	1	24	108
	16PRDD180	7,056,476	649,858	338	22m at 11.18g/t Au	0	40	108
					9.4m at 6.98g/t Au	26		
	16PRDD181	7,056,476	649,858	337	29.45m at 5.66g/t Au	1	20	108
	16PRDD182	7,056,495	649,856	337	26m at 4.77g/t Au	1	34	108
					16m at 3.77g/t Au	30		
	16PRDD183	7,056,495	649,856	336	18.1m at 7.94g/t Au	7	14	108
					8m at 23.95g/t Au	41		
	16PRDD184	7,056,507	649,862	335	6m at 4.65g/t Au	0	17	111
					4.8m at 1.52g/t Au	15		
					6.2m at 10.73g/t Au	38		
	16PRDD190	7,056,365	649,806	340	4.6m at 4.21g/t Au	35	-13	245
					11.8m at 1.57g/t Au	43		
	16PRDD202	7,056,443	649,857	335	28m at 4.23g/t Au	0	-42	107
					6.5m at 2.45g/t Au	31		
					10.6m at 3.47g/t Au	45		
	16PRDD204	7,056,351	649,885	309	2.28m at 6.07g/t Au	50	23	294
	16PRDD205	7,056,351	649,885	307	1.3m at 8.47g/t Au	30	-15	294

# **CENTRAL MURCHISON GOLD PROJECT (CONTINUED)**

### **UNDERGROUND DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Prohibition	16PRDD206	7,056,351	649,885	307	2.5m at 4.12g/t Au	34	-30	294
					4m at 4.17g/t Au	37		
					1.4m at 4.13g/t Au	74		
					10.9m at 7.67g/t Au	76		
	16PRDD207	7,056,350	649,885	308	1.5m at 11.91g/t Au	48	10	270
					1.4m at 9.03g/t Au	116		
					2.9m at 3.21g/t Au	148		
	16PRDD224	7,056,525	649,952	335	6.18m at 4.59g/t Au	20	17	276
					7.53m at 2.64g/t Au	30		
					6m at 1.83g/t Au	60		
					2.13m at 18.79g/t Au	69		
					5m at 1.98g/t Au	75		
					4.75m at 6.77g/t Au	83		
	16PRDD225	7,056,525	649,952	335	24.4m at 3.64g/t Au	21	19	306
					6.42m at 7.29g/t Au	51		
					2.12m at 3.47g/t Au	63		
	16PRDD226	7,056,527	649,953	335	10.26m at 9.68g/t Au	33	13	332
					1m at 52.1g/t Au	34		
					0.84m at 6.1g/t Au	52		
Vivian -	16VIDD192	7,056,430	650,245	364	9m at 3.76g/t Au	66	8	34
Consol's					0.2m at 63g/t Au	115		
	16VIDD196	7,056,341	650,159	361	1m at 23.35g/t Au	20	1	193
					4.5m at 2.47g/t Au	69		
	16VIDD199	7,056,309	649,974	343	1.75m at 12.24g/t Au	212	-26	98
	16VIDD203	7,056,309	649,974	343	1m at 5.06g/t Au	94	-30	103
	16VIDD214	7,056,103	649,909	403	0.9m at 15.56g/t Au	27	17	106
					0.9m at 17.92g/t Au	37		
	16VIDD215	7,056,103	649,908	401	0.95m at 12.46g/t Au	48	-13	106
	16VIDD217	7,056,103	649,908	402	2m at 5.36g/t Au	43	-21	108
	16VIDD218	7,056,121	650,030	331	0.8m at 6.34g/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		

# **CENTRAL MURCHISON GOLD PROJECT (CONTINUED)**

#### **UNDERGROUND DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Vivian -	16VIDD223	7,056,120	650,029	330	9m at 3.96g/t Au	4	-4	140
Consol's					46m at 2.83g/t Au	112		
	16VIDD236	7,056,319	650,194	281	1m at 11.76g/t Au	57	4	220
					2m at 9.99g/t Au	72		

### **RESOURCE DEFINITION**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Aladdin	16ADRC019	7,027,187	633,786	440	4m at 2g/t Au	18	-90	1
	16ADRC023	7,027,179	633,678	486	2m at 2.76g/t Au	130	-50	121

### **EXPLORATION**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Nannine Reef	16NNRC011	7,024,908	633,681	447	2m at 1.96g/t Au	60	-60	91
	16NNRC013	7,024,868	633,670	447	1m at 5.6g/t Au	65	-60	91
	16NNRC014	7,024,838	633,679	446	2m at 2.63g/t Au	39	-60	91
	16NNRC015	7,024,819	633,688	446	2m at 2.12g/t Au	21	-60	91
	16NNRC016	7,024,818	633,672	446	2m at 5.35g/t Au	46	-60	91
	16NNRC017	7,024,789	633,684	446	5m at 1.61g/t Au	18	-60	91
	16NNRC018	7,024,788	633,667	446	1m at 3.94g/t Au	46	-60	91
	16NNRC019	7,024,748	633,679	446	1m at 4.05g/t Au	12	-60	91
	16NNRC021	7,024,708	633,670	446	2m at 1.27g/t Au	9	-60	91
				446	1m at 2.53g/t Au	14		
	16NNRC023	7,024,619	633,650	445	1m at 3.3g/t Au	22	-60	91
	16NNRC027	7,024,509	633,628	444	1m at 2.18g/t Au	30	-60	91
	16NNRC028	7,024,468	633,624	444	7m at 3.37g/t Au	15	-60	91

# **HIGGINSVILLE GOLD PROJECT**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (True Width)	From (m)	Dip	Azi
Mount	MHRD0021	6,417,908	385,888	313	14.74m at 1.51 g/t Au	19	-59	91
Henry Central	MHRD0022	6,417,895	385,892	310	13.11m at 1.64 g/t Au	18	-59	91
	MHRD0023	6,417,883	385,893	309	14.74m at 2.18 g/t Au	14	-59	91
	MHRD0024	6,417,870	385,892	308	12.29m at 2.37 g/t Au	18	-59 -59 -59 -59 -59 -59 -59 -59 -59 -59	91
	MHRD0025	6,417,858	385,891	308	3.28m at 1.29 g/t Au	10	-59	91
	MHRD0025	6,417,858	385,891	308	14.74m at 1.59 g/t Au	20	-59	91
	MHRD0026	6,417,858	385,911	303	4.6m at 4.25 g/t Au	7	-59	91
	MHRD0028	6,417,833	385,908	302	9.19m at 1.19 g/t Au	0	-59	91
	MHRD0029	6,417,820	385,908	302	9.19m at 1.64 g/t Au	0	-59	91
	MHRD0030	6,417,808	385,908	301	9.19m at 1.53 g/t Au	0	-59	91
	MHRD0031	6,417,807	385,913	301	3.28m at 1.78 g/t Au	0	-59	91
	MHRD0032	6,417,795	385,908	301	8.43m at 1 g/t Au	1	-59	91
	MHRD0033	6,417,782	385,908	300	8.43m at 1.41 g/t Au	0	-59	91
	MHRD0034	6,417,770	385,907	300	11.49m at 1.38 g/t Au	0	-59	91
	MHRD0035	6,417,770	385,914	300	4.1m at 2.3 g/t Au	13	-59	91
	MHRD0036	6,417,764	385,915	300	3.28m at 2.05 g/t Au	11	-59	91
	MHRD0037	6,417,746	385,902	300	3.83m at 1.46 g/t Au	7	-59	91
	MHRD0038	6,417,745	385,913	300	6.13m at 1.56 g/t Au	0	-59	91
	MHRD0039	6,417,733	385,907	300	9.19m at 1.58 g/t Au	0	-59	91
	MHRD0040	6,417,702	385,900	300	21.45m at 1.42 g/t Au	2	-59	91
	MHRD0041	6,417,695	385,910	299	4.6m at 0.94 g/t Au	0	-59	91
	MHRD0042	6,417,689	385,898	299	12.63m at 1.49 g/t Au	7	-59	91
	MHRD0043	6,417,683	385,897	299	9.19m at 4.74 g/t Au	6	-59	91
					4.6m at 1.02 g/t Au	21		
					3.06m at 2.09 g/t Au	31		
	MHRD0044	6,417,677	385,899	300	10.72m at 2.63 g/t Au	7	-59	91
	MHRD0045	6,417,670	385,895	300	6.89m at 2.73 g/t Au	16	-59	91
	MHRD0046	6,417,665	385,894	301	6.13m at 1.25 g/t Au	4	-59	91
					6.13m at 2.27 g/t Au	20		
	MHRD0047	6,417,658	385,912	304	14.74m at 1.15 g/t Au	0	-59	91
					2.46m at 2.84 g/t Au	22		
	MHRD0048	6,417,645	385,916	306	4.1m at 1.25 g/t Au	9	-59	91

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (True Width)	From (m)	Dip	Azi
Mount	MHRD0001	6,417,071	385,833	273	9.96m at 2.67 g/t Au	63	-59	91
Henry Deeps	MHRD0003	6,417,173	385,833	280	6.89m at 1.83 g/t Au	61	-59	91
	MHRD0004	6,417,220	385,813	286	9.96m at 1.09 g/t Au	85	-59	91
				288	9.96m at 4.22 g/t Au	55		
	MHRD0006	6,417,250	385,791	287	19.15m at 4.41 g/t Au	100	-59	91
	MHRD0007	6,417,272	385,778	286	16.85m at 1.35 g/t Au	125	-59	91
	MHRD0008	6,417,311	385,753	281	13.02m at 1.54 g/t Au	152	-59	91
	MHRD0009	6,417,372	385,783	282	9.96m at 1.56 g/t Au	104	-59	91
					5.36m at 3.25 g/t Au	121		
	MHRD0010	6,417,445	385,835	288	13.02m at 0.84 g/t Au	55	-59	91
	MHRD0011	6,417,461	385,796	282	8.43m at 2.18 g/t Au	92	-59	91
					8.43m at 0.97 g/t Au	106		
	MHRD0012	6,417,497	385,832	288	11.49m at 0.93 g/t Au	64	-59	91
	MHRD0012	6,417,497	385,832	288	6.13m at 1.11 g/t Au	87	-59	91
	MHRD0013	6,417,547	385,842	290	18.39m at 1.06 g/t Au	55	-59	91
					4.6m at 1.21 g/t Au	90		
	MHRD0014	6,417,708	385,881	304	12.26m at 1.83 g/t Au	32	-59	91
					11.49m at 2.41 g/t Au	53		
Mount	MHRD0061	6,417,231	385,972	301	3.83m at 1.52 g/t Au	13	-59	91
Henry Footwall	MHRD0062	6,417,219	385,981	299	3.06m at 1.3 g/t Au	3	-59	91
BIF	MHRD0063	6,417,206	385,973	300	7.66m at 1.2 g/t Au	13	-59	91
	MHRD0064	6,417,194	385,972	300	9.19m at 0.88 g/t Au	16	-59	91
	MHRD0066	6,417,182	385,978	298	5.36m at 0.89 g/t Au	7	-59	91
	MHRD0067	6,417,169	385,971	299	3.06m at 1.28 g/t Au	18	-59	91
	MHRD0068	6,417,156	385,965	299	4.6m at 1.15 g/t Au	25	-59	91
	MHRD0069	6,417,156	385,978	297	8.43m at 0.9 g/t Au	5	-59	91
	MHRD0070	6,417,144	385,971	298	5.36m at 1 g/t Au	3	-59	91
					7.66m at 0.66 g/t Au	18		
	MHRD0071	6,417,132	385,977	297	6.89m at 1.26 g/t Au	6	-59	91
	MHRD0072	6,417,119	385,971	298	7.66m at 0.9 g/t Au	20	-59	91
	MHRD0073	6,417,119	385,984	297	3.06m at 1.99 g/t Au	0	-59	91
	MHRD0074	6,417,107	385,977	297	5.36m at 2.3 g/t Au	9	-59	91
					3.83m at 1.01 g/t Au	19		

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (True Width)	From (m)	Dip	Azi
Mount	MHRD0075	6,417,094	385,983	296	4.6m at 0.84 g/t Au	2	-59	91
Henry Footwall	MHRD0076	6,417,081	385,977	297	11.49m at 1.04 g/t Au	10	-59	91
BIF	MHRD0078	6,417,381	385,976	301	1.64m at 3.26 g/t Au	6	-59	91
	MHRD0081	6,417,332	385,977	301	3.06m at 1.49 g/t Au	3	-59	91
					2.3m at 2.54 g/t Au	12		
	MHRD0084	6,417,282	385,975	300	7.66m at 0.65 g/t Au	9	-59	91
	MHRD0086	6,417,294	385,968	303	7.66m at 0.71 g/t Au	14	-59	91
	MHRD0088	6,417,331	385,958	307	10.24m at 1.21 g/t Au	2	-59	91
					7.88m at 0.83 g/t Au	26		
	MHRD0090	6,417,356	385,967	303	4.39m at 0.84 g/t Au	23	-59	91
	MHRD0092	6,417,319	385,969	302	7.66m at 1.01 g/t Au	14	-59	91
Mount	MHRD0018	6,417,451	385,904	306	9.19m at 0.86 g/t Au	0	-59	91
Henry North	MHRD0054	6,417,932	385,934	334	10.88m at 2.59 g/t Au	25	-59	91
					13.59m at 1.95 g/t Au	39		
	MHRD0055	6,417,944	385,933	335	22.66m at 1.97 g/t Au	29	-59	91
	MHRD0056	6,417,957	385,933	336	7.25m at 1.19 g/t Au	30	-59	91
North	NSRD0001	6,411,168	384,988	247	2.3m at 8.29 g/t Au	8	-63	90
Scotia	NSRD0002	6,411,169	384,968	248	5.36m at 3.37 g/t Au	8	-62	90
	NSRD0003	6,411,169	384,948	249	3.06m at 1.94 g/t Au	7	-61	81
	NSRD0004	6,411,242	385,021	249	2m at 1.5 g/t Au	1	-62	93
					5.36m at 23.98 g/t Au	6		
	NSRD0005	6,411,243	385,001	250	3.06m at 3.75 g/t Au	24	-62	93
	NSRD0006	6,411,244	384,981	250	3.06m at 2.43 g/t Au	11	-66	92
					3.06m at 1.69 g/t Au	26		
					4.6m at 5.27 g/t Au	47		
	NSRD0009	6,411,268	385,000	251	1.53m at 3.26 g/t Au	26	-64	90
					1.53m at 4.08 g/t Au	34		
	NSRD0010	6,411,305	385,006	254	2.3m at 3.48 g/t Au	18	-62	91
					4.6m at 2.96 g/t Au	29		
	NSRD0011	6,411,306	384,985	254	2.3m at 4.94 g/t Au	51	-64	94
	NSRD0013	6,411,344	384,972	256	2.3m at 4.98 g/t Au	69	-61	93
	NSRD0014	6,411,344	384,952	256	2.3m at 12.27 g/t Au	89	-62	93
Selene	SLRD0035	6,413,289	385,597	246	20.92m at 0.67 g/t Au	2	-62	91

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (True Width)	From (m)	Dip	Azi
Selene	SLRD0036	6,413,289	385,608	245	10.96m at 0.8 g/t Au	2	-60	91
	SLRD0037	6,413,288	385,622	244	10.96m at 0.82 g/t Au	0	-60	91
	SLRD0038	6,413,263	385,621	244	5.98m at 0.88 g/t Au	1	-60	91
	SLRD0039	6,413,239	385,621	244	10.96m at 0.75 g/t Au	0	-60	91
	SLRD0040	6,413,214	385,607	244	2.99m at 1.99 g/t Au	0	-59	91
	SLRD0041	6,413,213	385,620	244	10.96m at 0.75 g/t Au	1	-61	91
	SLRD0042	6,413,263	385,611	244	11.99m at 0.87 g/t Au	0	-63	91
	SLRD0043	6,413,188	385,620	244	9.96m at 1.13 g/t Au	0	-60	91
	SLRD0043	6,413,188	385,620	244	2.99m at 2.51 g/t Au	13	-60	91
	SLRD0044	6,413,163	385,609	244	4.98m at 2.46 g/t Au	2	-60	91
	SLRD0049	6,413,089	385,573	247	1m at 2.96 g/t Au	0	-61	91
	SLRD0056	6,413,014	385,602	247	8.97m at 1.39 g/t Au	2	-61	91
	SLRD0060	6,412,888	385,627	258	9.96m at 0.88 g/t Au	10	-59	91
	SLRD0061	6,412,738	385,658	277	17.93m at 1.1 g/t Au	1	-59	91
					14.94m at 1.54 g/t Au	25		
	SLRD0062	6,412,762	385,634	278	21.92m at 1.52 g/t Au	29	-61	91
	SLRD0063	6,412,712	385,669	275	18.93m at 0.93 g/t Au	7	-57	91
	SLRD0064	6,412,688	385,673	273	3.98m at 1.81 g/t Au	28	-58	91
	SLRD0065	6,412,662	385,682	271	5.98m at 0.9 g/t Au	39	-60	91
	SLRD0066	6,412,813	385,648	269	1.99m at 3.54 g/t Au	0	-61	91
					1.99m at 5.3 g/t Au	5		
					5.98m at 0.84 g/t Au	14		
					5.98m at 1.49 g/t Au	23		
	SLRD0067	6,412,786	385,666	269	9.96m at 2.28 g/t Au	2	-60	91
	SLRD0068	6,412,783	385,667	268	15.94m at 1.67 g/t Au	1	-61	91
	SLRD0069	6,412,762	385,676	267	7.97m at 2.79 g/t Au	1	-60	91
	SLRD0070	6,412,760	385,677	267	14.94m at 1.69 g/t Au	0	-60	91
	SLRD0071	6,412,737	385,686	265	7.97m at 1.35 g/t Au	2	-62	91
	SLRD0072	6,412,712	385,697	262	5.98m at 1.76 g/t Au	5	-62	91
	SLRD0074	6,412,889	385,614	259	16.94m at 0.76 g/t Au	0	-62	91
					6.97m at 1.41 g/t Au	26		
	SLRD0075	6,412,839	385,639	262	21.92m at 1.12 g/t Au	1	-61	91
	SLRD0076	6,412,837	385,662	257	9.96m at 0.93 g/t Au	0	-61	91

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (True Width)	From (m)	Dip	Azi
Selene	SLRD0077	6,412,863	385,666	250	3.98m at 1.37 g/t Au	8	-60	91
Selene	SLRD0001	6,413,214	385,364	249	13.95m at 0.87 g/t Au	86	-64	91
Deeps					16.94m at 4.06 g/t Au	116		
	SLRD0002	6,413,169	385,364	249	17.93m at 2.18 g/t Au	82	-60	90
					12.95m at 1.07 g/t Au	105		
					17.93m at 1.1 g/t Au	123		
					2.99m at 1.8 g/t Au	147		
	SLRD0003	6,413,166	385,490	247	9.96m at 0.94 g/t Au	32	-61	93
					24.9m at 1.59 g/t Au	46		
	SLRD0004	6,413,170	385,405	249	23.91m at 1.07 g/t Au	72	-60	92
					7.97m at 0.71 g/t Au	99		
					17.93m at 1.18 g/t Au	111		
	SLRD0005	6,413,167	385,446	248	24.9m at 1.08 g/t Au	60	-61	95
					18.93m at 0.96 g/t Au	91		
	SLRD0006	6,413,214	385,493	246	6.97m at 0.87 g/t Au	40	-61	90
					12.95m at 1.32 g/t Au	57		
	SLRD0007	6,413,213	385,443	246	3.98m at 2.64 g/t Au	61	-62	94
					1.99m at 0.34 g/t Au	72		
					25.9m at 1.16 g/t Au	81		
	SLRD0008	6,413,253	385,508	246	36.86m at 1.24 g/t Au	40	-58	91
	SLRD0009	6,413,251	385,455	245	17.93m at 1.05 g/t Au	56	-60	91
					4.98m at 1.85 g/t Au	80		
					5.98m at 1.42 g/t Au	88		
					4.98m at 2.69 g/t Au	98		
	SLRD0011	6,413,130	385,447	250	51.8m at 2.01 g/t Au	49	-58	89
	SLRD0012	6,413,129	385,377	251	6.97m at 1 g/t Au	98	-57	93
					28.89m at 1.73 g/t Au	109		
					37.86m at 1.15 g/t Au	32		
					22.91m at 1.23 g/t Au	48		
					12.95m at 2.08 g/t Au	74		
	SLRD0015	6,412,968	385,586	249	5.98m at 1.47 g/t Au	15	-60	91
	SLRD0017	6,412,929	385,575	255	9.96m at 1.21 g/t Au	10	-59	87
					5.98m at 1.21 g/t Au	29		

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (True Width)	From (m)	Dip	Azi
Selene	SLRD0018	6,412,896	385,569	260	12.95m at 0.77 g/t Au	20	-59	90
Deeps	SLRD0019	6,412,848	385,527	257	16.94m at 0.8 g/t Au	35	-58	87
	SLRD0020	6,412,847	385,596	269	22.91m at 1.5 g/t Au	23	-59	88
	SLRD0021	6,412,809	385,603	273	12.95m at 2.99 g/t Au	42	-57	89
	SLRD0022	6,412,768	385,619	278	11.95m at 1.12 g/t Au	29	-57	91
					18.93m at 1.8 g/t Au	44		
	SLRD0023	6,413,050	385,438	252	37.86m at 1.26 g/t Au	60	-60	90
	SLRD0024	6,413,052	385,390	254	14.94m at 1.13 g/t Au	77	-61	94
					24.9m at 1.29 g/t Au	95		
	SLRD0025	6,413,090	385,394	252	37.86m at 1.09 g/t Au	78	-60	91
					6.97m at 2.58 g/t Au	119		
	SLRD0026	6,412,809	385,576	270	9.96m at 0.85 g/t Au	1	-62	92
					29.89m at 1.22 g/t Au	31		
	SLRD0027	6,412,810	385,549	264	12.95m at 1.72 g/t Au	38	-57	89
					6.97m at 1.15 g/t Au	56		
	SLRD0028	6,412,768	385,593	275	22.91m at 1.54 g/t Au	49	-58	89
	SLRD0029	6,412,769	385,566	270	6.97m at 1.03 g/t Au	53	-60	90
					11.95m at 0.85 g/t Au	63		
	SLRD0030	6,412,731	385,620	277	5.98m at 1.88 g/t Au	32	-58	90
					12.95m at 1.7 g/t Au	45		
	SLRD0031	6,412,730	385,591	273	7.97m at 0.73 g/t Au	67	-63	92
					4.98m at 1.17 g/t Au	78		

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Fairplay	FPGC565	6,486,621	379,474	300	2m at 1.26g/t Au	31	-60	270
East	FPGC566	6,486,670	379,439	300	2m at 0.54g/t Au	15	-60	270
					2m at 2.91g/t Au	44		
					5m at 3.94g/t Au	49		
					4m at 2.91g/t Au	55		
					2m at 1.08g/t Au	62		
					6m at 1.44g/t Au	66		

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Fairplay	FPGC567	6,486,670	379,450	301	2m at 3.66g/t Au	32	-60	270
East					5m at 0.81g/t Au	45		
					5m at 1.8g/t Au	51		
					3m at 1.95g/t Au	57		
					4m at 1.1g/t Au	61		
	FPGC568	6,486,670	379,460	301	4m at 1.19g/t Au	52	-60	270
					3m at 1.37g/t Au	58		
					4m at 1.28g/t Au	66		
					3m at 1.71g/t Au	71		
	FPGC569	6,486,670	379,470	300	2m at 0.85g/t Au	56	-60	270
					4m at 0.82g/t Au	60		
					4m at 0.77g/t Au	65		
					2m at 0.64g/t Au	71		
	FPGC570	6,486,670	379,480	300	2m at 0.77g/t Au	31	-60	270
					4m at 1.85g/t Au	37		
					2m at 0.69g/t Au	44		
					4m at 1.42g/t Au	48		
					4m at 4.54g/t Au	53		
					7m at 1.17g/t Au	58		
					2m at 0.96g/t Au	66		
					9m at 1.09g/t Au	69		
					2m at 0.75g/t Au	82		
	FPGC571	6,486,670	379,530	300	2m at 2.29g/t Au	55	-60	270
					6m at 0.79g/t Au	60		
					7m at 1.07g/t Au	69		
					5m at 5.83g/t Au	78		
					2m at 0.84g/t Au	88		
	FPGC572	6,486,690	379,540	300	8m at 2.46g/t Au	53	-60	270
					3m at 1.79g/t Au	62		
					2m at 1.56g/t Au	71		
	FPGC573	6,486,690	379,410	301	4m at 0.9g/t Au	25	-60	270
					6m at 2.94g/t Au	31		
					2m at 2.59g/t Au	39		

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Fairplay	FPGC574	6,486,690	379,441	301	6m at 0.74g/t Au	14	-60	270
East					4m at 4.87g/t Au	23		
					3m at 0.96g/t Au	45		
					5m at 1.21g/t Au	49		
					2m at 0.82g/t Au	58		
	FPGC575	6,486,690	379,451	301	3m at 1.43g/t Au	17	-60	270
					2m at 1.56g/t Au	24		
					3m at 6.56g/t Au	32		
					3m at 5.4g/t Au	40		
					2m at 2.54g/t Au	46		
					6m at 1.02g/t Au	58		
	FPGC576	6,486,690	379,461	301	6m at 1.27g/t Au	18	-60	270
					6m at 1.47g/t Au	29		
					2m at 1.08g/t Au	36		
					7m at 1.14g/t Au	50		
	FPGC577	6,486,690	379,529	300	3m at 3.45g/t Au	47	-60	270
					4m at 1.38g/t Au	56		
					9m at 1.07g/t Au	61		
	FPGC578	6,486,690	379,550	300	4m at 1.18g/t Au	24	-60	270
					2m at 1.97g/t Au	40		
					2m at 1.96g/t Au	41		
					2m at 0.56g/t Au	63		
					2m at 0.56g/t Au	63		
	FPGC579	6,486,700	379,525	300	10m at 2.78g/t Au	51	-60	270
	FPGC580	6,486,671	379,541	300	6m at 2.4g/t Au	57	-60	270
					2m at 0.59g/t Au	64		
					5m at 1.25g/t Au	68		
					2m at 4.2g/t Au	74		
					3m at 2.05g/t Au	80		
					5m at 2.52g/t Au	85		

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Fairplay	FPGC581	6,486,660	379,537	300	2m at 0.82g/t Au	50	-60	270
East					5m at 1.19g/t Au	58		
					3m at 1.33g/t Au	65		
					3m at 0.55g/t Au	70		
					6m at 1.22g/t Au	78		
					2m at 2.44g/t Au	85		
	FPGC582	6,486,650	379,531	300	2m at 0.98g/t Au	51	-60	270
					3m at 1.94g/t Au	55		
					4m at 2.08g/t Au	59		
					3m at 1.07g/t Au	76		
					2m at 2.79g/t Au	81		
	FPGC583	6,486,650	379,539	300	2m at 1.08g/t Au	56	-60	270
					3m at 0.77g/t Au	62		
					4m at 1.39g/t Au	65		
					3m at 2.36g/t Au	85		
	FPGC584	6,486,640	379,530	300	32m at 1.56g/t Au	46	-60	270
					4m at 0.78g/t Au	62		
					2m at 0.75g/t Au	82		
	FPGC585	6,486,710	379,520	300	3m at 0.64g/t Au	45	-60	270
					4m at 1.01g/t Au	51		
					4m at 1.84g/t Au	57		
	FPGC586	6,486,710	379,529	300	3m at 1.41g/t Au	39	-60	270
					7m at 3.39g/t Au	53		
	FPGC587	6,486,730	379,497	301	5m at 0.66g/t Au	22	-60	270
	FPGC588	6,486,730	379,521	301	2m at 2.01g/t Au	27	-60	270
					3m at 2.35g/t Au	51		
Fairplay	FPGC589	6,486,950	379,513	303	2m at 0.62g/t Au	18	-60	270
North					2m at 1.16g/t Au	27		
					3m at 0.63g/t Au	34		
					6m at 1.1g/t Au	44	-60	270
	FPGC590	6,486,960	379,511	303	2m at 0.8g/t Au	24	-60	270
					2m at 0.64g/t Au	39		
					2m at 0.99g/t Au	55		

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Fairplay	FPGC591	6,486,980	379,600	303	2m at 0.6g/t Au	70	-60	270
North					2m at 0.69g/t Au	78		
					2m at 0.98g/t Au	85		
					4m at 1.38g/t Au	89		
	FPGC592	6,486,990	379,473	303	5m at 1.6g/t Au	28	-60	270
	FPGC593	6,487,000	379,450	304	3m at 1.26g/t Au	26	-60	270
	FPGC594	6,487,000	379,476	304	2m at 1.17g/t Au	15	-60	270
					2m at 0.52g/t Au	26		
					2m at 1.22g/t Au	33		
	FPGC595	6,487,010	379,440	304	5m at 2.72g/t Au	20	-60	270
					2m at 2.09g/t Au	28		
	FPGC596	6,487,010	379,462	304	2m at 1.89g/t Au	15	-60	270
					5m at 2.66g/t Au	21		
					2m at 2.08g/t Au	33		
	FPGC597	6,487,020	379,450	304	2m at 0.58g/t Au	18	-60	270
					2m at 0.76g/t Au	21		
					2m at 0.66g/t Au	24		
	FPGC598	6,487,040	379,525	304	2m at 0.61g/t Au	20	-60	270
					3m at 1.12g/t Au	24		
	FPGC599	6,487,060	379,527	304	3m at 0.57g/t Au	33	-60	270
	FPGC600	6,487,060	379,555	304	8m at 3.48g/t Au	28	-60	270
					2m at 1.73g/t Au	38		
	FPGC601	6,487,060	379,586	304	2m at 0.53g/t Au	46	-60	270
					2m at 0.89g/t Au	57	-60 -60	
	FPGC603	6,487,090	379,540	305	3m at 3.9g/t Au	24		270
	FPGC605	6,486,890	379,510	302	2m at 1.27g/t Au	23		270
					2m at 0.67g/t Au	44		
					2m at 0.74g/t Au	53		
					1m at 2.06g/t Au	63		

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Fairplay	FPGC606	6,486,890	379,560	302	2m at 0.56g/t Au	33	-60	270
North					3m at 1.7g/t Au	45		
					7m at 1.28g/t Au	57		
					2m at 0.95g/t Au	66		
					2m at 5.09g/t Au	82		
	FPGC607	6,486,900	379,550	302	2m at 1.78g/t Au	37	-60	270
					4m at 6.27g/t Au	47		
					4m at 1.36g/t Au	53		
					12m at 0.92g/t Au	58		
					2m at 0.88g/t Au	77		
	FPGC608	6,486,910	379,591	302	6m at 0.96g/t Au	69	-60	270
					7m at 2.01g/t Au	91		
	FPGC609	6,486,920	379,553	302	6m at 1.96g/t Au	32	-60	270
					6m at 2.19g/t Au	59		
					2m at 0.79g/t Au	70		
					2m at 0.8g/t Au	73		
					4m at 2.27g/t Au	86		
	FPGC610	6,486,920	379,593	302	3m at 0.61g/t Au	69	-60	270
					4m at 1.37g/t Au	85		
					2m at 0.75g/t Au	91		
	FPGC611	6,486,931	379,495	303	2m at 1.78g/t Au	28	-60	270
					4m at 1.76g/t Au	42		
					3m at 1.1g/t Au	63		
	FPGC612	6,486,930	379,545	302	2m at 2.01g/t Au	27	-60	270
					4m at 2.52g/t Au	36		
					5m at 1.2g/t Au	53		
					4m at 1.13g/t Au	74		
					2m at 1.44g/t Au	82		
					2m at 1.15g/t Au	91		
	FPGC613	6,486,930	379,585	302	5m at 2.06g/t Au	63	-60	270
					2m at 0.72g/t Au	73		
					5m at 1.83g/t Au	88		
					2m at 0.56g/t Au	97		

#### **RESOURCE DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Fairplay	FPGC614	6,486,940	379,478	303	3m at 1.07g/t Au	26	-60	270
North					5m at 2.4g/t Au	33		
					2m at 0.53g/t Au	42		
	FPGC615	6,486,940	379,580	302	3m at 0.67g/t Au	55	-60	270
					2m at 0.57g/t Au	60		
					16m at 2.33g/t Au	62		
					3m at 0.92g/t Au	81		
	FPGC616	6,487,140	379,520	305	2m at 1.56g/t Au	36	-60	270
	FPGC617	6,487,160	379,497	306	2m at 1.78g/t Au	27	-60	270
	FPGC618	6,487,160	379,515	306	2m at 0.75g/t Au	22	-60	270
					2m at 0.67g/t Au	33		

#### **EXPLORATION DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Barcelona	BRCD0001	6,494,745	380,637	309	6.5m at 2.98g/t Au	34	-60	270
					11.1m at 0.51g/t Au	83		
	BRCR0015	6,494,556	380,574	312	4m at 0.58g/t Au	15	-60	090
					5m at 2.18g/t Au	25		
	BRCR0016	6,494,553	380,613	312	9m at 0.69g/t Au	90	-60	090
	BRCR0017	6,494,554	380,661	312	4m at 0.52g/t Au	34	-60	090
Birthday	BDGR0003	6,415,100	385,848	300	9m at 1.01g/t Au	35	-60	090
Gift	BDGR0004	6,415,103	385,829	300	11m at 0.39g/t Au	19	-60	090
					12m at 0.66g/t Au	45		
	BDGR0005	6,414,810	385,782	300	5m at 0.54g/t Au	10	-60	090
					6m at 0.81g/t Au	27		
	BDGR0006	6,414,825	385,792	300	8m at 1.27g/t Au	15	-60	090
					2m at 0.37g/t Au	39		
	BDGR0007	6,414,537	385,770	300	10m at 0.7g/t Au	26	-60	090
	BDGR0008	6,414,544	385,660	300	1m at 5.94g/t Au	29	-60	090
Igloo	IGLD001	6,489,160	400,625	265	4.9m at 1.5g/t Au	33	-60	90
	IGLD004	6,490,575	400,700	300	2.7m at 5.94g/t Au	48	-60	090
	IGLD005	6,490,550	700,725	300	10m at 0.76g/t Au	23	-60	090

### **EXPLORATION DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Igloo	IGLR006	6,490,550	400,750	265	13m at 5.48 g/t Au	24	-60	270
					34m at 0.28 g/t Au	50		
	IGLD007	6,490,550	400,690	300	14m at 0.57g/t Au	71	-60	090
	IGLD008	6,490,525	400,730	300	14.4m at 1.54g/t Au	17	-60	090
	IGLD009	6,490,525	400,710	300	13.4m at 0.54g/t Au	13	-60	090
	IGLD011	6,489,150	400,680	300	7.5m at 1.68g/t Au	18	-60	90
	IGLD012	6,490,650	400,690	300	11.2m at 1.44g/t Au	35	-60	90
	IGLD013	6,490,450	400,706	300	10.15m at 0.55g/t Au	52	-60	90
	IGLD012	6,490,650	400,690	300	11.2m at 1.44g/t Au	35	-60	90
					6.2m at 0.29g/t Au	104		
	IGLD013	6,490,450	400,706	300	10.15m at 0.55g/t Au	52	-60	90
					4m at 0.28g/t Au	73		
Republican	HIGB7431	6,509,717	387,069	300	4m at 58ppb Au	48	-90	000
	HIGB7440	6,508,922	385,682	314	4m at 121ppb Au	24	-90	000
Scott Joplin	HIGA7581	6,482,900	408,080	280	10m at 40ppb Au	17	-90	000
					4m at 26ppb Au	51		
	HIGA7582	6,482,926	407,924	280	30m at 37ppb Au	44	-90	000
	HIGA7584	6,482,871	407,602	280	9m at 242ppb Au	26	-90	000
	HIGA7585	6,483,199	408,263	280	8m at 55ppb Au	36	-90	000
	HIGA7586	6,483,201	408,200	280	53m at 140ppb Au	22	-90	000
	HIGA7588	6,483,200	407,960	280	12m at 195ppb Au	42	-90	000
	HIGA7589	6,483,198	408,019	280	42m at 258ppb Au	14	-90	000
	HIGA7590	6,483,200	408,079	280	4m at 78ppb Au	18	-90	000
	HIGA7591	6,483,195	408,141	280	4m at 86ppb Au	24	-90	000
	HIGA7592	6,483,378	408,060	280	4m at 34ppb Au	16	-90	000
	HIGA7593	6,483,376	408,178	280	14m at 291ppb Au	23	-90	000
	HIGA7596	6,483,378	408,361	280	16m at 172ppb Au	18	-90	000
	HIGA7598	6,483,377	408,120	280	4m at 125ppb Au	21	-90	000
	HIGA7599	6,483,515	408,332	280	8m at 40ppb Au	25	-90	000
		6,483,530	408,390	280	12m at 30ppb Au	11	-90	000
	HIGA7601	6,483,509	408,450	280	4m at 32ppb Au	15	-90	000
	HIGA7602	6,483,509	408,511	280	4m at 25ppb Au	11	-90	000
	HIGA7606	6,483,973	408,689	280	4m at 37ppb Au	46	-90	000

#### **EXPLORATION DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Selene	SESR0001	6,411,833	385,506	300	6m at 1.6g/t Au	60	-60	090
South	SESR0002	6,411,829	385,464	300	7m at 0.68g/t Au	14	-60	90
	SESR0003	6,411,832	385,430	300	9m at 0.26g/t Au	3	-60	90
	SESR0004	6,412,304	385,626	300	6m at 0.66g/t Au	39	-60	90
	SESR0004	6,412,304	385,626	300	4m at 0.53g/t Au	78	-60	90

## **SOUTH KALGOORLIE OPERATIONS**

### **UNDERGROUND DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
HBJ	16HBJD001	6,566,210	365,986	360	3m at 2.53g/t Au	1148	-42	91
					11.38m at 3.23g/t Au	1161		
					3m at 0.87g/t Au	1176		
	16HBJD001W1	6,566,210	365,986	360	9m at 1.58g/t Au	690	-33	77
	16HBJD001W3	6,566,210	365,986	360	8.01m at 1.21g/t Au	974	-30	82
					15.25m at 0.61g/t Au	991		
					27.82m at 1.03g/t Au	1009		
	HBJUG0221	6,566,220	366,622	-86	5.19m at 3.49g/t Au	83	-34	17
					8.32m at 6.99g/t Au	95		
					1.62m at 13.46g/t Au	110		
					4.1m at 12.84g/t Au	114		
	HBJUG0222	6,566,219	366,623	-86	5.2m at 3.67g/t Au	78	-39	50
	HBJUG0223	6,566,062	366,485	-87	6.94m at 21.41g/t Au	90	-46	31
					3.26m at 6.18g/t Au	99		
					9.5m at 2.31g/t Au	113		
	HBJUG0224	6,566,221	366,621	-87	9.04m at 18.43g/t Au	143	-41	358
					1.81m at 9.43g/t Au	173		
	HBJUG0226	6,566,220	366,622	-87	7.6m at 3.45g/t Au	116	-60	30
					3.1m at 10.68g/t Au	172		
					6.4m at 2.77g/t Au	179		
	HBJUG0247	6,566,081	366,731	-70	2.05m at 10.73g/t Au	158	-41	120
					6.65m at 8.24g/t Au	170		
	HBJUG0251	6,566,105	366,666	-105	5.33m at 4.76g/t Au	156	-27	79

# **SOUTH KALGOORLIE OPERATIONS (CONTINUED)**

#### **UNDERGROUND DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
HBJ	HBJUG0252	6,566,105	366,666	-105	5.3m at 3.7g/t Au	121	-32	56
					2.5m at 3.02g/t Au	131		
					4.85m at 6.01g/t Au	145		
	HBJUG0253	6,566,105	366,666	-105	2.65m at 2.72g/t Au	108	-30	30
					3m at 7.34g/t Au	124		
					7.05m at 5.63g/t Au	143		
	HBJUG0257	6,566,105	366,666	-105	4.05m at 4.1g/t Au	130	-49	45
	HBJUG0257A	6,566,105	366,666	-105	8.05m at 3.68g/t Au	186	-51	44
	HBJUG0258A	6,566,104	366,666	-105	4.95m at 1.86g/t Au	140	-51	68
					9m at 1.82g/t Au	155		
					6m at 1.72g/t Au	174		
					1m at 6.14g/t Au	188		
	HBJUG0259	6,566,106	366,665	-105	1.3m at 6.07g/t Au	173	-50	9
					11.8m at 2.49g/t Au	175		
	HBJUG0260	6,566,105	366,666	-105	2.4m at 6.05g/t Au	143	-54	32
	HBJUG0261A	6,566,105	366,666	-105	4m at 2.73g/t Au	206	-57	56
	HBJUG0262	6,566,104	366,666	-105	4m at 2.26g/t Au	212	-60	43
	HBJUG0289X	6,566,441	366,512	26	5m at 3.11g/t Au	21	2	295
	HBJUG0290	6,566,441	366,512	26	3.94m at 2.94g/t Au	67	-42	39
					3.83m at 2.76g/t Au	93		
	HBJUG0291X	6,566,441	366,512	26	4.21m at 5.02g/t Au	27	8	281
	HBJUG0293X	6,566,442	366,512	26	3.7m at 2.85g/t Au	3	-36	270

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Bakers Flat	BKRC047	6,572,417	334,837	352	3m at 1.65g/t Au	26	-90	0
	BKRC053	6,572,416	334,823	352	5m at 1.11g/t Au	27	-90	0
	BKRC054	6,572,431	334,836	352	4m at 0.96g/t Au	28	-90	0
	BKRC055	6,572,438	334,843	352	3m at 0.79g/t Au	7	-90	0
					6m at 1.66g/t Au	26		
	BKRC056	6,572,408	334,802	352	5m at 0.85g/t Au	4	-90	0
					3m at 0.69g/t Au	26		

# **SOUTH KALGOORLIE OPERATIONS (CONTINUED)**

#### **RESOURCE DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Bakers Flat	BKRC057	6,572,416	334,809	352	4m at 0.87g/t Au	6	-90	0
					6m at 2.35g/t Au	27		
	BKRC058	6,572,423	334,816	352	6m at 4.36g/t Au	31	-90	0
	BKRC059	6,572,445	334,836	352	8m at 1.63g/t Au	24	-90	0
	BKRC062	6,572,430	334,808	352	3m at 1.20g/t Au	7	-90	0
					2m at 0.74g/t Au	22		
					6m at 1.32g/t Au	26		
Georges Reward	GRC009	6,590,440	381,880	355	8m at 0.72g/t Au	98	-60	52
	HMRC0080	6,560,715	370,359	323	7m at 0.81g/t Au	1	-60	248
	HMRC0082	6,560,702	370,381	323	18m at 0.51g/t Au	4	-60	248
	HMRC0084	6,560,684	370,388	322	14m at 0.71g/t Au	2	-60	248
	HMRC0085	6,560,676	370,370	323	18m at 0.56g/t Au	0	-60	248
	HMRC0086	6,560,672	370,388	323	6m at 1.10g/t Au	19	-60	248
	HMRC0088	6,560,645	370,426	321	4m at 1.44g/t Au	18	-60	248
	HMRC0090	6,560,610	370,446	322	23m at 2.20g/t Au	18	-60	248
	HMRC0091	6,560,595	370,463	321	15m at 0.96g/t Au	21	-60	248
	HMST021	6,560,576	370,022	325	4m at 1.16g/t Au	40	-60	68
	HMST022	6,560,586	370,045	325	8m at 0.45g/t Au	28	-60	68
Samphire	SOSRC041	6,560,875	359,700	342	5m at 3.48g/t Au	22	-90	0
					8m at 0.84g/t Au	29		
	SOSRC047	6,560,833	359,671	346	5m at 1.07g/t Au	21	-90	0
	SOSRC054	6,560,830	359,690	339	5m at 2.84g/t Au	20	-90	0
					8m at 1.91g/t Au	27		

### **EXPLORATION DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Bromo	ZUC142	6,567,879	350,066	380	2m at 1.06g/t Au	90	-60	270
Rinjani	ZUC169	6,570,900	348,720	355	8m at 0.44g/t Au	28	-60	270
					4m at 3.23g/t Au	44		
					4m at 0.58g/t Au	52		
					12m at 1.00g/t Au	64		

# **SOUTH KALGOORLIE OPERATIONS (CONTINUED)**

### **EXPLORATION DRILLING RESULTS**

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (Downhole)	From (m)	Dip	Azi
Rinjani	ZUC172	6,570,860	348,760	354	4m at 1.23g/t Au	16	-60	270
					4m at 4.41g/t Au	24		
					4m at 3.19g/t Au	56		
					4m at 0.72g/t Au	76		
	ZUC173	6,570,860	348,700	354	4m at 2.01g/t Au	28	-60	270
					4m at 1.52g/t Au	36		
					8m at 0.41g/t Au	56		
					4m at 0.67g/t Au	72		
	ZUC174	6,570,860	348,662	354	4m at 17.00g/t Au	8	-60	270
					28m at 2.41g/t Au	28		
					8m at 1.84g/t Au	60		
					4m at 5.21g/t Au	72		
	ZUC175	6,570,820	348,780	356	16m at 0.49g/t Au	32	-60	270
					16m at 1.27g/t Au	52		
	ZUC176	6,570,820	348,740	355	20m at 0.62g/t Au	28	-60	270
					4m at 2.20g/t Au	52		
	ZUC177	6,570,820	348,700	355	4m at 2.49g/t Au	4	-60	270
					16m at 0.90g/t Au	32		
	ZUC179	6,570,780	348,780	356	16m at 0.31g/t Au	28	-60	270
					8m at 0.36g/t Au	68		
Tambora	ZUC143	6,576,058	345,176	341	4m at 0.65g/t Au	60	-60	270
	ZUC156	6,576,140	344,986	341	8m at 0.36g/t Au	36	-60	270
	SOSRC047	6,560,833	359,671	346	5m at 1.07g/t Au	21	-90	0
	SOSRC054	6,560,830	359,690	339	5m at 2.84g/t Au	20	-90	0
					8m at 1.91g/t Au	27		

# **FORTNUM GOLD PROJECT**

### RESOURCE DEVELOPMENT DRILLING RESULTS

Lode	Hole	Intercept N	Intercept E	Intercept RL	Intercept (True Width)	From (m)	Dip	Azi
Nathan's	MXD0001	7,198,841	631,768	483	1.9m at 3.89g/t Au	70.0	-52	70
					1.6m at 3.69g/t Au	89.0		
	MXD0002	7,198,864	631,743	486	3m at 4.01g/t Au	125.4	-45	70
	MXD0003B	7,198,877	631,723	488	16.9m at 1.44g/t Au	145.0	-44	70
					3.2m at 5.16g/t Au	171.0		
	MXD0004	7,198,905	631,710	489	2.4m at 2.56g/t Au	175.0	-44	70
					3.2m at 3.26g/t Au	183.0		
	MXD0005	7,198,950	631,690	492	0.6m at 14.72g/t Au	164.1	-48	70
					6.6m at 1.16g/t Au	176.0		
	MXD0006	7,198,953	631,695	492	2.7m at 3.3g/t Au	132.0	-36	70
					13.6m at 3.84g/t Au	184.7		
	MXD0007	7,199,019	631,702	497	1.4m at 9.04g/t Au	119.5	-45	70
					11.4m at 2.63g/t Au	137.0		
					2.8m at 2.49g/t Au	144.7		
	MXD0020	7,198,997	631,700	495	2.4m at 3.16g/t Au	139.6	-42	70
					7.2m at 1.18g/t Au	161.0		
					11.3m at 1.31g/t Au	171.0		
					3.6m at 1.55g/t Au	186.0		
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		
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		
					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.

#### SK<sub>0</sub>

- 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</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> <li>Sludge Drilling             Sludge Drilling             Sludge drilling at Chalice and Trident is performed with an underground production drill rig. It is an open hole drilling method using water as the flushing medium, with a 64mm or 89mm hole diameter. Samples are taken twice per drill steel (1.9m steel, 0.8m sample). Holes are drilled at sufficient</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>angles to allow flushing of the hole with water following each interval to prevent contamination.</li> <li>RC Drilling         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).         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 obtained by spear sampling from the individual 1m drill return piles; the residue material is retained on the ground near the hole. In the Palaeochannels 1m samples are riffle split for analysis.     </li> <li>There is no RAB or Aircore drilling used in the estimation of Trident, Chalice, Corona, Fairplay, Vine, Lake Cowan and Two Boys.</li> </ul>

Criteria	JORC Code Explanation	Commentary
		SKO
		SKO is a long-term producing operation with a long history of drilling and sampling to support exploration and resource development.
		Sampling Techniques
		Chips from the RC drilling face-sampling hammer are collected for assaying. Sample return lines are cleaned with compressed air each metre and the cyclone sample collector is cleaned following each rod. Samples are riffle split through a three-tier splitter with a split ~3kg sample (generally at 1m intervals) pulverised to produce a 30g charge analysed via fire assay.
		Diamond drill-core is geologically logged and then sampled according to geology (minimum sample length of 0.4 m to maximum sample length of 1.5 m) – where consistent geology is sampled, a 1m length is used for sampling the core. The core is sawn half-core with one half sent off for analysis.
		Samples have been collected from numerous other styles of drilling at SKO, including but not limited to RAB, aircore, blast-hole, sludge drilling and face samples.
		Drilling Techniques
		Historical data includes DD, RC, RAB and aircore holes drilled between 1984 and 2010. Not all the historical drilling programmes at SKO are documented and many historical holes are assigned a drill 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 been RC, with minor DD and aircore drilling.
		RC drilling is used predominantly for defining and testing for near-surface mineralisation and utilises a face sampling hammer with the sample being collected on the inside of the drill-tube. RC drillholes utilise downhole single or multi shot cameras. Drillhole collars were surveyed by onsite mine surveyors.
		Diamond drilling is used for either testing / targeting deeper mineralised systems or to define the orientation of the host geology. Many of these holes had RC pre-collars generally to a depth of between 60 – 120m, followed by a diamond tail. The majority of these holes have been drilled at NQ2 size with minor HQ sized core. All diamond holes were surveyed during drilling with downhole cameras, and then at end of hole using a Gyro Inclinometer at 5 or 10 m intervals. Drillhole collars were surveyed by onsite mine surveyors.
		Sample Recovery
		Sample recovery is generally good, and there is no indication that sampling presents a material risk for the quality of the evaluation of any deposit at SKO.

Criteria	JORC Code Explanation	Commentary
		СМСР
		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
		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.
		• 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.
		• 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.
		• Where composite intervals returned results >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.
		• 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.	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
	• Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	• 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
	The total length and percentage of the relevant	
	intersections logged	<ul> <li>Development faces are mapped geologically.</li> <li>RC, RAB and Aircore chips are geologically logged.</li> </ul>
		<ul> <li>RC, RAB and Aircore chips are geologically logged.</li> <li>Sludge drilling is logged for lithology, mineralisation and vein percentage.</li> </ul>
		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 subsample 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/</li> </ul>	(single stage mix and grind using LM5 mills) to a target of 85-90% passing 75µm in size. A 200g sub-
	<ul><li>second-half sampling.</li><li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li></ul>	• Core and underground face samples are taken to geologically relevant boundaries to ensure each sample is representative of a geological domain. Sludge samples are taken to nominal sample 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.  SKO
		<ul> <li>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.</li> </ul>
		• 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.
		<ul> <li>The un-sampled half of diamond core is retained for check sampling if required. For RC chips regular field duplicates are collected and analysed for significant variance to primary results.</li> <li>FGP</li> </ul>
		• 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>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>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>SKO</li> <li>Only nationally accredited laboratories are used for the analysis of the samples collected at SKO.</li> <li>The laboratory dry and if necessary (if the sample is &gt;3kg) riffle split 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 Senior Geologists with any discrepancies de</li></ul>
		<ul> <li>There is limited information available on historic QA/QC procedures. SKO has generally accepted the 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 tested for – this technique is industry standard across the Eastern Goldfields.</li> <li>Ongoing production data generally confirms the validity of prior sampling and assaying of the mined deposits to within acceptable limits of accuracy.</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.
and assaying	independent or alternative company personnel.	• Virtual twinned holes have been drilled in several instances across all sites with no significant issues
	The use of twinned holes.	highlighted. Drillhole data is also routinely confirmed by development assay data in the operating
	Documentation of primary data, data entry	
	procedures, data verification, data storage (physical and electronic) protocols.	• 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)
	Biscuss any adjustment to assay data.	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>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul> <li>HGO</li> <li>Collar coordinates for surface drill-holes were generally determined by GPS, with underground drill-holes generally determined by survey pick-up. Downhole survey measurements for most surface diamond holes were by Gyro-compass at 5m intervals. Holes not gyro-surveyed were surveyed using Eastman single shot cameras at 20m intervals. Downhole surveys for underground diamond drill-holes were taken at 15 – 30m intervals by Reflex single-shot cameras. Routine survey pick-ups of underground and surface holes where they intersected development indicates (apart from some minor discrepancies with pre-Avoca drilling) a survey accuracy of less than 5m.</li> <li>All drilling and resource estimation is undertaken in local mine grid at the various projects.</li> <li>Topographic control is generated from Differential GPS. This methodology is adequate for the resource in question.</li> <li>SKO</li> <li>Collar coordinates for surface RC and diamond drill-holes were generally determined by either RTK-GPS or a total station survey instrument. Underground drill-hole locations (Mount Marion and HBJ)</li> </ul>
		<ul> <li>were all surveyed using a Leica reflectorless total station.</li> <li>Recent surface diamond holes were surveyed during drilling with down-hole single shot cameras and then at the end of the hole by Gyro-Inclinometer at 5 or 10mm intervals. Holes not gyro-surveyed were surveyed using Eastman single shot cameras at 20m intervals. RC drill-holes utilised downhole single shot camera surveys spaced every 15 to 30m down- hole.</li> <li>Down-hole surveys for underground diamond drill-holes were taken at 15 – 30m intervals by Reflex single-shot cameras.</li> <li>The orientation and size of the project determines if the resource estimate is undertaken in local or MGA 94 grid. Each project has a robust conversion between local, magnetic and an MGA grid which is managed by the SKO survey department.</li> </ul>
		<ul> <li>Topographic control is generated from RTK GPS. This methodology is adequate for the resources in question.</li> <li>CMGP</li> <li>All data is spatially oriented by survey controls via direct pickups by the survey department. Drillholes are all surveyed downhole, deeper holes with a Gyro tool if required, the majority with single / multishot cameras.</li> </ul>
		<ul> <li>All drilling and resource estimation is preferentially undertaken in local mine grid at the various sites.</li> <li>Topographic control is generated from a combination of remote sensing methods and ground-based surveys. This methodology is adequate for the resources in question.</li> <li>FGP</li> <li>The grid system used for historic Fortnum drilling is the established Fortnum Mine Grid. Control</li> </ul>
		station locations and traverses have been verified by eternal survey consultants (Ensurv). Collar locations of boreholes have been established by either total station or differential GPS (DGPS). The Yarlarweelor, Callie's and Eldorado open pits (currently abandoned) was picked up by DGPS at the conclusion of mining. The transformation between Mine Grid and MGA94 Zone 50 is documented and well established.

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	<ul> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral</li> </ul>	• 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.
		SK0
		• 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
		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.
		CMGP
		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.
		Compositing is carried out based upon the modal sample length of each individual domain.  FGP
		• 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.
		The spacing is considered sufficient to establish geological and grade continuity for appropriate Mineral Resource classification.
		• 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 riffle splitter and analysed as described above.
Orientation of data in relation to geological	Whether the orientation of sampling achieves unbiased sampling of possible structures and the	
structure	extent to which this is known, considering the deposit	Development sampling is nominally undertaken normal to the various orebodies.
	<ul><li>type.</li><li>If the relationship between the drilling orientation</li></ul>	• Where drilling angles are sub optimal the number of samples per drill hole used in the estimation has been limited to reduce any potential bias.
	and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	It is not considered that drilling orientation has introduced an appreciable sampling bias.
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	Commentary	
Audits or reviews	The results of any audits or reviews of sampling techniques and data	<ul> <li>HGO</li> <li>A review of the grade control practices on site has been undertaken by an external consult No formal external audit or review has been performed on the resource estimate. Site generesources and reserves and the parent geological data is routinely reviewed by the Westgold Corptechnical team.</li> <li>SKO</li> </ul>	erated
		<ul> <li>No formal external audit or review has been performed on the sampling techniques and Site generated resources and reserves and the parent geological data is routinely reviewed to Westgold Corporate technical team.</li> <li>CMGP</li> </ul>	
		<ul> <li>Site generated resources and reserves and the parent geological data is routinely reviewed to Westgold Corporate technical team.</li> <li>FGP</li> </ul>	oy the
		<ul> <li>Site generated resources and reserves and the parent geological data is routinely reviewed to Westgold Corporate technical team.</li> </ul>	by the

## **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>	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.
		<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 leases, 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 state government royalty.
		BBGO operates in accordance with all environmental conditions set down as conditions for grant of 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 Aragon 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 by other partie	• The HGO region has an exploration and production history in excess of 30 years.
other parties		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
Geology	Deposit type, geological setting and style of mineralisation.	<ul> <li>HGO</li> <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>
		• and thin, lode-style, nuggetty laminated quartz veins that formed primarily at sheared lithological contacts between the various mafic and ultramafic lithologies.
		<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> <li>SKO</li> </ul>
		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	Commentary
		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 pospeak metamorphic retrograde assemblages. Stibnite, native antimony and trace arsenopyrite and disseminated through the K-feldspar-rich lode schist. These are intergrown with pyrite and pyrrhoti and chalcopyrite. Mineralisation outside the typical Big Bell host rocks (KPSH), for example 1,600 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 at 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 alon layer-parallel D2 shear zones, and is maximised when transected by corridors of northeast strikin D3 faults and fractures.
		• The Great Fingall Dolerite hosts the majority gold mineralisation within the portion of the greenstor belt proximal to Cue (The Day Dawn Project Area). Unit AGF3 is the most brittle of all the five uni and this characteristic is responsible for its role as the most favourable lithological host to go mineralisation in the Greenstone Belt.
		FGP
		• The Fortnum deposits are Paleoproterozoic shear-hosted gold deposits within the Fortnum Wedg a localised thrust duplex of Narracoota Formation within the overlying Ravelstone Formation. Bo stratigraphic formations comprise part of the Bryah Basin in the Capricorn Orogen, Western Australi
		The Horseshoe Cassidy deposits are hosted within the Ravelstone Formation (siltstone and argillit 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 basa Gold mineralisation is associated with strong vein stock works that are confined to the altered mafi Alteration consists of two types; stockwork proximal silica-carbonate-fuchsite-haematite-pyrite ar 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 moderated metamorphosed (except for the Peak Hill Metamorphic Suite).

Criteria	JORC Code Explanation	Commentary
Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:  Beasting and northing of the drill hole collar  Belevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar  Belevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar  Belevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar  Belevation of the hole  Belevation of the hole  Belevation depth and interception depth  Belevation depth information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	the announcement.
Data aggregation methods	<ul> <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>	<ul> <li>No high-grade cuts are used.</li> <li>Reported results contain no more than two contiguous metres of internal dilution below 1g/t.</li> <li>Results are reported above a variety of gram / metre cut-offs dependent upon the nature of the hole. These are cut-offs are clearly stated in the relevant tables.</li> <li>No metal equivalent values are stated.</li> </ul>

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	<ul> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	Appropriate diagrams are provided in the body of the release.
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>	management system stored on a secure SQL server.
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>	
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 considered during interpretation.</li> <li>The Trident, Corona, Fairplay, Vine and Two boys deposits are all hosted within a suite of east over</li> </ul>

Criteria	JORC Code Explanation	Cor	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	Coi	mmentary
			FGP
		•	Low-grade stockpiles are derived from previous mining of the mineralisation styles outlined above.
		•	Geological matrixes were established to assist with interpretation and construction of the estimation domains.
		•	Confidence in the interpretation is high as the geometry, geology, alteration and tenor of the 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		HGO
	expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.	•	The Trident mineral resource extends over 680m in strike length, 350m in lateral extent and 940m in depth.
	tower timits 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 byproducts.</li> <li>Estimation of deleterious elements or other nongrade 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 behind modelling of selective mining units.</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>H60</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 not be 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> <li>Drillhole intersections within the mineralised body are defined, these intersections are then used to flag the appropriate sections of the drillhole database tables for compositing purposes. Drillholes are subsequently composited to allow for grade estimation. In all aspects of resource estimation the factual and interpreted geology was used to guide the development of the interpretation.</li> <li>Once the sample data has been composited, a statistical analysis is undertaken to assist with determining estimation search parameters, top-cuts etc., this is carried out using Survivior. Top cut analysis was carried out by assessing normal and log-histograms for extreme values and using a combination of mean variance plots and population disintegration techniques. Variographic analysis of individual domains is undertaken to assist with determining appropriate search parameters. In all cases knowledge of the geology was used to guide the analysis of the variogram fans in determining the orientation of maximum continuity.</li> <li>An empty block model is then created for the area of interest; with each ore wireframe used to assign block domain codes which match the flag used for t</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	Cor	mmentary
			СМGР
		•	All modelling and estimation work undertaken by Westgold is carried out in three dimensions via Surpac Vision.
		•	After validating the drillhole data to be used in the estimation, interpretation of the orebody is undertaken in sectional and / or plan view to create the outline strings which form the basis of the three dimensional orebody wireframe. Wireframing is then carried out using a combination of automated stitching algorithms and manual triangulation to create an accurate three dimensional representation of the sub-surface mineralised body.
		•	Drillhole intersections within the mineralised body are defined, these intersections are then used to flag the appropriate sections of the drillhole database tables for compositing purposes. Drillholes are subsequently composited to allow for grade estimation. In all aspects of resource estimation the factual and interpreted geology was used to guide the development of the interpretation.
		•	Once the sample data has been composited, a statistical analysis is undertaken to assist with determining estimation search parameters, top-cuts etc. Variographic analysis of individual domains is undertaken to assist with determining appropriate search parameters. Which are then incorporated with observed geological and geometrical features to determine the most appropriate search parameters.
		•	An empty block model is then created for the area of interest. This model contains attributes set at background values for the various elements of interest as well as density, and various estimation parameters that are subsequently used to assist in resource categorisation. The block sizes used in the model will vary depending on orebody geometry, minimum mining units, estimation parameters and levels of informing data available.
		•	Grade estimation is then undertaken, with ordinary kriging estimation method is considered as standard, although in some circumstances where sample populations are small, or domains are unable to be accurately defined, inverse distance weighting estimation techniques will be used. 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.
		•	This approach has proven to be applicable to Westgold's gold assets.
		•	Estimation results are routinely validated against primary input data, previous estimates and mining output.
		•	Good reconciliation between mine claimed figures and milled figures was routinely achieved during past production history.

Criteria	JORC Code Explanation	Commentary
		FGP
		All modelling and estimation work undertaken by Westgold is carried out in three dimensions w Surpac Vision, Snowden's Supervisor v8.3 and or Isatis 2015.
		<ul> <li>Ordinary kriging (OK) and Localised Indicator Kriging (LIK) has been used. LIK was used for estimation of all Jasperoid related estimation domains due to mosaic mineralisation style. Len weighting of assay values related to surveyed volumes was undertaken for low-grade stockpiles.</li> </ul>
		<ul> <li>All estimates were validated where possible against historical production records and previous estimates.</li> </ul>
		<ul> <li>After validating the drillhole data to be used in the estimation, interpretation of the orebody undertaken in sectional and / or plan view to create the outline strings which form the basis of three dimensional orebody wireframe. Wireframing was carried out using a combination of automa stitching algorithms and manual triangulation to create an accurate three dimensional representat of the sub-surface mineralised body. Domaining was constructed on 20m and 10m spaced section and was based on logged lithologies, quartz percentage and gold value.</li> </ul>
		Drillhole intersections within the mineralised body are defined; these intersections are then used flag the appropriate sections of the drillhole database tables for compositing purposes. Assay d was composited to 1m downhole using Surpac "best fit" algorithm. The "best fit" algorithm elimina residual composites and the estimation domains boundaries defined the start and end position of compositing routine. In all aspects of resource estimation; the factual and interpreted geology v used to guide the development of the interpretation.
		• Support analysis of the difference drill types (Air Core (AC), Reverse Circulation (RC) and Diamod Drill holes (DDH)) was performed and the mixing these deemed acceptable. The AC drill holes woused in the estimation of the poorly informed estimation domains.
		Statistical analysis was carried out on the composited data to assist with determining estimation sea parameters, top-cuts and spatial continuity. Data for some of the domains exhibit an increased deg of skewness and top-cuts were applied to reduce the skewness of distribution. The appropriate of the top-cuts was assessed for each domain utilising log-probability plots, mean and variance plothistograms and univariate statistics for the composite Au variable.
		<ul> <li>Variogram modelling was undertaken using Isatis<sup>™</sup> software and defined the spatial continuity gold within all domains and these parameters were used for the interpolation process. Indica variograms were generated within the Jasperoid related estimation domains to the used in the estimation process.</li> </ul>
		<ul> <li>Volume models were generated in Surpac using topographic surfaces, oxidation surfaces a mineralised zone wireframes as constraints.</li> </ul>
		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™ 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 display basis or with natural moisture, and the method determination of the moisture content.	
Cut-off parameters	The basis of the adopted cut-off grade(s) or quali 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	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.	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.
Metallurgical factors or assumptions	The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.	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. <b>SKO</b> The majority of the SKO resource base comprises deposits that have some level of mining history and hence established metallurgical properties.

Criteria	JORC Code Explanation	Commentary
Environmental factors or assumptions	Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.	<ul> <li>HGO</li> <li>Tailings are discharged to the nearby tailings storage facility and also used to form cemented backfill 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> <li>Water used in the Trident mine for mining operations is recycled from underground and stored in the nearby Poseidon North Pit before being returned for underground use.</li> <li>SKO</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>	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.  • Where no drill core or other direct measurements are available, SG factors have been assumed based on similarities to other zones of mineralisation / lithologies or from historic production records.  SKO  • For the HBJ, Mount Marion, Pernatty and Mount Martin deposits, density values were based on historic mining recognilistions combined with bulk density check test work.

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</li> </ul>
Classification	The basis for the classification of the Mineral Resources into varying confidence categories.	<ul> <li>utilised the water immersion method (Archimedes Principle).</li> <li>Resources are classified in line with JORC guidelines utilising a combination of various estimation derived parameters, input data and geological / mining knowledge.</li> </ul>
	<ul> <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</li> </ul>	
	Competent Person's view of the deposit.	
Audits or reviews	The results of any audits or reviews of Mineral Resource estimates.	<ul> <li>Resource estimates are peer reviewed by the Corporate technical team.</li> <li>No external reviews have been undertaken.</li> </ul>

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>	<ul> <li>All currently reported resources estimates are considered robust, and representative on both a global and local scale.</li> <li>A continuing history of mining with good reconciliation of mine claimed to mill recovered provides confidence in the accuracy of the estimates.</li> </ul>

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

(Criteria 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>	At all projects, all Resources that have been converted to Reserve are classified as either an Indicated 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 some are classified as Probable Reserve based on whether they are capitally or fully developed.
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	The type and level of study undertaken to enable Mineral Resources to be converted to Ore Reserves.  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	<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> <li>The Lake Cowan Mining Centre (including Louis Pit) was mined in the 2000's by Harmony Gold. The Reserve for Louis involves depth and width extension of the current Pit.</li> <li>Following exploration and infill drilling activity, annual resource updates and economic assessment of the Measured and Indicated resources is completed using actual costs, operating parameters and modifying factors. An annual update of Ore Reserves is completed on this basis.</li> <li>SKO</li> <li>Mining is in progress at SKO.</li> <li>Following exploration and infill drilling activity, annual resource updates and economic assessment of the Measured and Indicated resources is completed using actual costs, operating parameters and modifying factors. An annual update of Ore Reserves is completed on this basis.</li> <li>CMGP</li> <li>Mining is in progress at CMGP.</li> <li>Following exploration and infill drilling activity, annual resource updates and economic assessment</li> </ul>
		<ul> <li>of the Measured and Indicated resources is completed using actual costs, operating parameters and modifying factors. An annual update of Ore Reserves is completed on this basis.</li> <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	The basis of the cut-off grade(s) or quality parameters applied.	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.
		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.
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> <li>Each mining method applied has a minimum width, which corresponds to sub level distances, blast hole drill accuracy constraints, nature of the mineralisation and/or fleet flexibility.</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 severa 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.
		<ul> <li>Stockpile resources have been converted to reserves by application of appropriate modifying factors</li> </ul>
		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.
		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.
		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	Coi	mmentary
		•	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.
		• 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.
		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	• The metallurgical process proposed and the	HGO
assumptions	<ul><li>appropriateness of that process to the style of mineralisation.</li><li>Whether the metallurgical process is well-tested</li></ul>	• Gold extraction is achieved using staged crushing, ball milling with gravity concentration and Carbon in Leach. The Higginsville plant has operated since 2008 and historical recoveries on Trident ore average 97%
	technology or novel in nature.  The nature, amount and representativeness of	<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>	• 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.
	<ul> <li>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.</li> </ul>	<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	Commentary
		CMGP
		<ul> <li>A long history of processing through the existing facility demonstrates the appropriateness o process to the styles of mineralisation considered.</li> </ul>
		<ul> <li>No deleterious elements are considered, as a long history of processing has shown this to be material concern.</li> </ul>
		FGP
		<ul> <li>Fortnum Gold Mine has an existing conventional CIL processing plant – which has been operation various periods since the late 1980's. The plant has a nameplate capacity of 1.0Mtpa though this be varied between 0.8-1.2Mtpa pending rosters and material type.</li> </ul>
		• Grind size for the sulphide material has historically been 130 μm.
		<ul> <li>An extensive database of historical CIL recoveries as well as detailed metallurgical test is available for the various deposits and these have been incorporated into the COG analysis financial models.</li> </ul>
		• For the 2016 Reserve, Plant recoveries of 93-95% have been utilised.
Environmental	The status of studies of potential environmental impacts of the mining and processing operation.	HG0  The Higginsville mine operates under and in compliance with a number of operating environments.
	Details of waste rock characterisation and the	<ul> <li>The Higginsville mine operates under and in compliance with a number of operating environmental impacts and outputs.</li> </ul>
	consideration of potential sites, status of design options considered and, where applicable, the status of approvals for process residue storage and waste dumps should be reported.	<ul> <li>Waste is generally stored underground in mined out stopes. When underground stopes are available, waste is placed on approved surface waste dumps or capping material for historical tai dams.</li> </ul>
	dumps should be reported.	<ul> <li>Waste rock created from the Open Pit operations is stored alongside the pit crest.</li> </ul>
		SK0
		<ul> <li>SKO operates under and in compliance with a number of operating environmental plans, which of its environmental impacts and outputs.</li> </ul>
		CMGP
		<ul> <li>CMGP operates under and in compliance with a number of operating environmental plans, we cover its environmental impacts and outputs.</li> </ul>
		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.</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>	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

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.      SKO
		<ul> <li>Processing costs are based on actual cost profiles, as are administrative costs.</li> <li>Both state government and private royalties are incorporated into costings as appropriate.</li> </ul>
		<ul> <li>Mining costs are derived primarily from the current contractor cost profiles in both the open pit and</li> </ul>
		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>	and applied in the estimation of revenue, cut-off grade analysis and future mine planning decisions.  • There remains strong demand and no apparent risk to the long term demand for the gold.
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.	<del>                                     </del>

Criteria	JORC Code Explanation	Commentary
Other	To the extent relevant, the impact of the following on the project and/or on the estimation and classification of the Ore Reserves: Any identified material naturally occurring risks. The status of material legal agreements and marketing arrangements. 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.	<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.</li> <li>CMGP</li> <li>The CMGP is progressing through environmental and other regulatory permitting.</li> <li>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> </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>	<ul> <li>The basis for classification of the resource into different categories is made on a subjective basis. 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. Inferred resources always contain significant geological evidence of existence and are drilled, but not to the same density. There is no classification of any resource that isn't drilled or defined by substantial physical sampling works.</li> <li>Some Measured Resources have been classified as Proven and some are defined as Probable Reserves based on internal judgements.</li> <li>The result appropriately reflects the Competent Person's view of the deposit.</li> </ul>

Criteria	JORC Code Explanation	Commentary
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>	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.  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.  SKO  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.  CMGP