



## Shallow, High-Grades Continue at Myhree Open Pit

Black Cat Syndicate Limited (“**Black Cat**” or “**the Company**”) is pleased to announce an update on activities at the Myhree open pit within the Kal East Gold Project (“**Kal East**”).

### HIGHLIGHTS

- Final RC grade control drilling at Myhree was undertaken in June 2022. The first half of assay results have been returned and reinforce the high-grade open pit Ore Reserve<sup>1</sup> of 0.6Mt @ 2.4 g/t Au for 46koz.
- Results include:
  - **5m @ 19.63 g/t Au from 33m (22MYGC037)**
  - **7m @ 7.36 g/t Au from 30m (22MYGC038)**
  - **3m @ 7.29 g/t Au from 18m and 6m @ 13.91 g/t Au from 32m (22MYGC022)**
  - **4m @ 12.38 g/t Au from 37m (22MYGC036)**
  - **7m @ 4.89 g/t Au from 8m (22MYGC031)**
  - **3m @ 8.21 g/t Au from 6m (22MYGC032)**
  - **2m @ 10.24 g/t Au from 5m (22MYGC033)**
  - **4m @ 6.36 g/t Au from 27m (22MYGC039)**
  - **3m @ 11.12 g/t Au from 27m (22MYGC040)**
- All grade control drilling at Myhree is now complete and remaining assays are expected in August 2022.
- Myhree open pit is fully approved and mining can commence once an ore processing solution is secured. Discussions with interested parties are ongoing.

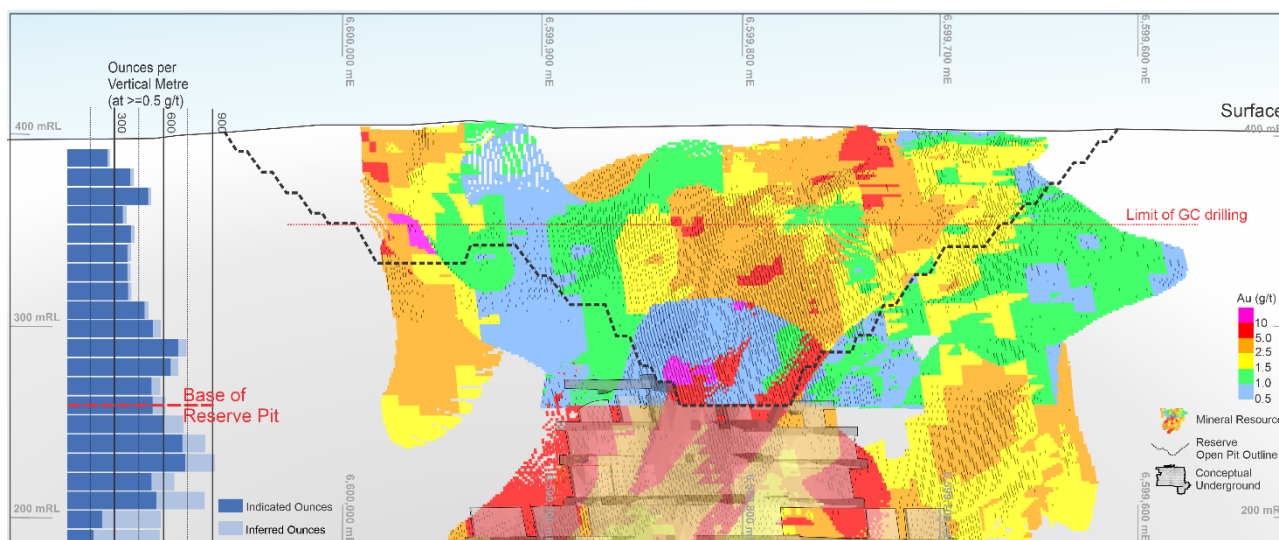


Figure 1: Myhree open pit design showing extent of grade control drilling down to 50m.

Black Cat's Managing Director, Gareth Solly, said: “Myhree was Black Cat's first discovery in 2018 and it is satisfying to know it has the potential to be our first producing mine. With the final results due within weeks, Myhree is now ready for production, subject to securing a processing solution for the high-grade ore.”

<sup>1</sup> Refer ASX announcement 3 June 2022

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#### DIRECTORS

Paul Chapman Non-Executive Chairman  
Gareth Solly Managing Director  
Les Davis Non-Executive Director  
Philip Crutchfield Non-Executive Director  
Tony Polglase Non-Executive Director

#### CORPORATE STRUCTURE

Ordinary shares on issue: 213.6M  
Market capitalisation: A\$80M  
(Share price A\$0.375)

# Myhree Open Pit Grade Control Results

## Grade Control at Myhree Mining Centre (M25/24) 100%

A high-grade open pit Ore Reserves of 0.6Mt @ 2.4 g/t Au for 46,000oz have been defined at Myhree<sup>1</sup>. The remaining grade control drilling (~4,000m) is now complete on the upper 50m of the open pit Ore Reserve. Mining can commence at Myhree either as part of a toll treatment arrangement or as the first open pit to be developed once the Kal East processing facility is constructed. Discussions about potential toll treatment options are ongoing.

Results received to date include:

- 3m @ 4.88 g/t Au from 18m (22MYGC001)
- 1m @ 19.70 g/t Au from 50m (22MYGC020)
- 2m @ 5.54 g/t Au from 50m (22MYGC021)
- 3m @ 7.29 g/t Au from 18m and 6m @ 13.91 g/t Au from 32m (22MYGC022) - including 2m @ 35.65 g/t Au
- 11m @ 1.53 g/t Au from 3m (22MYGC023)
- 2m @ 6.29 g/t Au from 15m (22MYGC024)
- 5m @ 2.37 g/t Au from 36m (22MYGC026)
- 5m @ 4.80 g/t Au from 27m (22MYGC028)
- 3m @ 4.69 g/t Au from 20m (22MYGC029)
- 7m @ 4.89 g/t Au from 8m (22MYGC031)
- 3m @ 8.21 g/t Au from 6m (22MYGC032)
- 2m @ 10.24 g/t Au from 5m (22MYGC033)
- 4m @ 12.38 g/t Au from 37m (22MYGC036) - including 2m @ 22.65 g/t Au
- 5m @ 19.63 g/t Au from 33m (22MYGC037) - including 3m @ 31.34 g/t Au
- 7m @ 7.36 g/t Au from 30m (22MYGC038) - including 2m @ 18.95 g/t Au
- 4m @ 6.36 g/t Au from 27m (22MYGC039)
- 3m @ 11.12 g/t Au from 27m (22MYGC040)
- 2m @ 6.99 g/t Au from 28m (22MYGC042)
- 5m @ 4.91 g/t Au from 16m (22MYGC043)
- 8m @ 2.60 g/t Au from 28m and 1m @ 10.60 g/t Au from 41m (22MYGC048)

The grade control program not only focused on areas within the Resource, but also tested single elevated assays outside of the main mineralisation zone. This resulted in some barren holes being drilled to confirm that minable mineralisation was not missed in wider spaced drilling. Where grade control drilling intersected modelled mineralisation, results confirm that Myhree is a high-grade, near surface deposit.

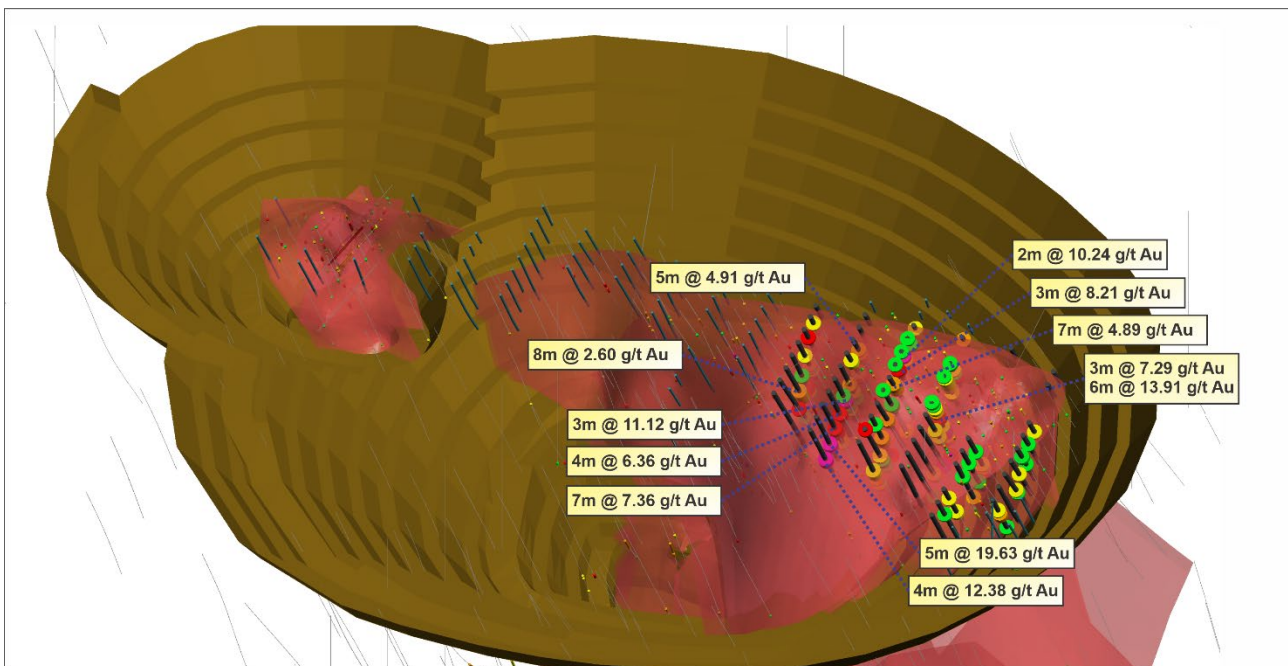


Figure 2: Oblique view of Ore Reserve (red object) at the Myhree open pit with recent grade control results (large grey traces) correlating positively with the Ore Reserve historical results (small traces). Grade control holes awaiting results are depicted by blue traces to the north west

# Myhree Open Pit Grade Control Results

## Planned Activities

Upcoming activities include:

Planned Activities	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan- 23	Feb-23
Drilling - Kal East								
Drilling - Coyote								
Drilling - Paulsens								
Myhree - potential open pit mining & toll treatment								
Coyote - potential mill refurbishment								
Quarterly Report								
Diggers & Dealers Mining Forum (1-3 August)								
Audited Financial Statements								
Annual General Meeting								

For further information, please contact:

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This announcement has been approved for release by the Board of Black Cat Syndicate Limited.

## COMPETENT PERSON'S STATEMENT

The information in this announcement that relates to geology, and planning was compiled by Mr. Iain Levy, who is a Member of the AIG and an employee, shareholder and option holder of the Company. Mr. Levy has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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. Levy consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information in the original reports, and that the form and context in which the Competent Person's findings are presented have not been materially modified from the original reports.

Where the Company refers to the exploration results, Mineral Resources, and Reserves in this report (referencing previous releases made to the ASX), it confirms that it is not aware of any new information or data that materially affects the information included in that announcement and all material assumptions and technical parameters underpinning the Mineral Resource and Reserve estimates with that announcement continue to apply and have not materially changed.

# Myhree Open Pit Grade Control Results

TABLE 1: DRILL RESULTS

Myhree Open Pit Grade Control Drilling						Downhole			
Hole ID	MGA East	MGA North	RL	Dip	Azimuth	From (m)	To (m)	Interval (m)	Au Grade (g/t)
22MYGC001	382803.5	6599590	391.7	-59.36	89.2	14	15	1	1.5
						18	21	3	4.88
						35	36	1	1.38
22MYGC002	382811	6599590	391.9	-60.3	93.26	No Significant Intercept			
22MYGC003	382818.5	6599590	392	-58.75	94.95	21	22	1	1.72
						24	25	1	1.08
22MYGC004	382826	6599590	392	-59.28	93.47	17	18	1	2.01
22MYGC005	382833.5	6599590	392	-60.46	93.61	10	12	2	1.13
						19	20	1	1.49
22MYGC006	382841	6599590	392	-60.01	93.73	11	12	1	1.03
22MYGC007	382848.5	6599590	392	-60.6	93.76	11	12	1	1.58
22MYGC008	382871	6599590	392.2	-60.46	93.83	No Significant Intercept			
22MYGC009	382878.5	6599590	392.2	-60.27	95.84	No Significant Intercept			
22MYGC010	382788.5	6599610	391.5	-60.41	91.59	No Significant Intercept			
22MYGC011	382796	6599610	391.7	-60.68	94.22	14	15	1	1.04
22MYGC012	382803.5	6599610	392.1	-59.44	90	12	13	1	1.5
						29	31	2	2.34
22MYGC013	382818.5	6599610	392.6	-60.21	89.99	16	18	2	1.44
						43	44	1	4.16
22MYGC014	382826	6599610	392.5	-59.64	90	16	17	1	1.4
						40	41	1	1.03
22MYGC015	382833.5	6599610	392.2	-59.95	91.77	17	18	1	1.25
						32	33	1	2.3
						36	37	1	3.49
22MYGC016	382886	6599610	392.2	-60	90	No Significant Intercept			
22MYGC017	382811	6599630	393.9	-60.42	90.06	No Significant Intercept			
22MYGC018	382818.5	6599630	393.2	-60.87	94.33	53	54	1	1.13
22MYGC019	382826	6599630	392	-60.17	91.66	44	47	3	1.82
22MYGC020	382833.5	6599630	391.6	-59.6	92.99	50	51	1	19.7
22MYGC021	382841	6599630	391.5	-60.25	93.18	19	20	1	1.87
						27	29	2	1.73
						50	52	2	5.54
22MYGC022	382848.5	6599630	391.6	-60.63	89.99	0	2	2	1.06
						4	5	1	1.01
						8	10	2	2.46
						12	14	2	3.21
						18	21	3	7.29
						29	30	1	1.8
						32	38	6	13.91
						41	45	4	2.34
22MYGC023	382863.5	6599630	392	-60.16	90	50	54	4	1.05
						0	1	1	1.24
						3	14	11	1.53
22MYGC024	382871	6599630	392.2	-60.23	89.99	20	23	3	1.74
						0	2	2	1.4
						8	9	1	2.31
						12	13	1	1.02

## Myhree Open Pit Grade Control Results

						15	17	2	6.29
22MYGC025	382886	6599630	392.3	-59.54	90	3	4	1	2.87
						36	41	5	2.37
22MYGC026	382818.5	6599650	392.5	-60.4	89.99	47	48	1	3.07
						53	54	1	1.53
						1	2	1	7.67
22MYGC027	382826	6599650	392.5	-59.93	92.89	34	36	2	1.93
						39	42	3	1.19
						47	48	1	1.1
						11	12	1	1.2
22MYGC028	382833.5	6599650	392.5	-60.17	89.46	27	32	5	4.8
						50	51	1	6.29
22MYGC029	382841	6599650	392.7	-59.99	93.63	20	23	3	4.69
						0	1	1	1.16
22MYGC030	382848.5	6599650	393.2	-60.64	93.82	17	20	3	1.31
						48	49	1	1.65
22MYGC031	382856	6599650	393.5	-60.37	94.78	8	15	7	4.89
						49	50	1	1.03
22MYGC032	382863.5	6599650	393.1	-60.37	92.59	0	1	1	1.06
						6	9	3	8.21
						0	1	1	1
22MYGC033	382871	6599650	392.7	-60.37	90.18	5	7	2	10.24
						10	13	3	2.57
22MYGC034	382878.5	6599650	392.3	-60.08	89.99	0	1	1	1.01
						7	9	2	1.4
22MYGC035	382886	6599650	392.1	-60	90	4	6	2	1.9
22MYGC036	382818.5	6599670	393	-60.39	90	37	41	4	12.38
22MYGC037	382826	6599670	393.1	-60.31	89.99	33	38	5	19.63
						30	37	7	7.36
22MYGC038	382833.5	6599670	392.9	-59.94	90	48	49	1	1.53
22MYGC039	382841	6599670	392.7	-60.29	89.99	27	31	4	6.36
						22	23	1	1.06
22MYGC040	382848.5	6599670	392.8	-59.71	90	27	30	3	11.12
						35	36	1	1.26
						39	40	1	1.83
						23	25	2	2.81
22MYGC041	382856	6599670	392.9	-60.33	89.99	32	33	1	2.28
						40	41	1	1.41
						9	12	3	2.24
22MYGC042	382863.5	6599670	392.9	-60.25	93.41	24	26	2	3.75
						28	30	2	6.99
22MYGC043	382871	6599670	392.7	-60.62	94.03	12	13	1	4.05
						16	21	5	4.91
22MYGC044	382878.5	6599670	392.5	-60	90				No Significant Intercept
22MYGC045	382886	6599670	392.4	-60	90				No Significant Intercept
22MYGC046	382833.5	6599690	394.7	-60.39	94.63				No Significant Intercept
22MYGC047	382841	6599690	394.3	-59.75	96.02	35	36	1	5.08
						46	47	1	1.22
22MYGC048	382848.5	6599690	394.2	-60.77	93.71	28	36	8	2.6
						41	42	1	10.6

## Myhree Open Pit Grade Control Results

22MYGC049	382856	6599690	394.4	-60.58	89.99	44	45	1	1.13
						25	26	1	1.05
						36	37	1	5.78
						40	41	1	8.2
						43	44	1	1.55
						45	46	1	1.21
22MYGC050	382863.5	6599690	394.5	-60	89.95	17	18	1	2.2
						28	29	1	3.05
						31	32	1	1.07
						34	36	2	2.15
22MYGC051	382871	6599690	394.4	-60.15	90	10	11	1	5.93
22MYGC052	382878.5	6599690	394.2	-60.62	89.99	8	9	1	1.73
22MYGC053	382885	6599690	394	-60.3	89.99	No Significant Intercept			

Note: All significant intercepts are reported at 1 g/t Au cut; maximum of 1m continuous internal dilution

# Myhree Open Pit Grade Control Results

## ABOUT BLACK CAT SYNDICATE (ASX: BC8)

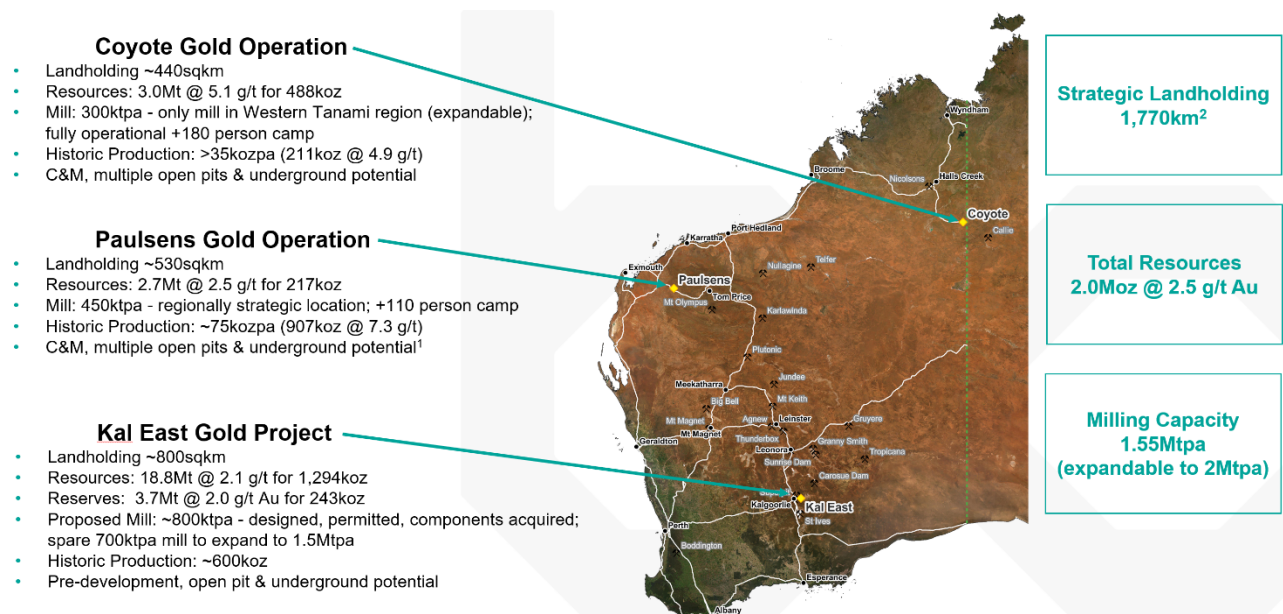
Black Cat's vision is to be a responsible gold mining company with three 100% owned operations. The three operations are:

**Coyote Gold Operation:** Coyote is located in Northern Australia, ~20km on the WA side of the WA/NT border, on the Tanami Highway. There is a well-maintained airstrip on site that is widely used by government and private enterprises. Coyote consists of an open pit and an underground mine, 300,000tpa processing facility, +180 person camp and other related infrastructure. The operation is currently on care and maintenance and has a Resource of 3.0Mt @ 5.1g/t Au for 488koz with numerous high-grade targets in the surrounding area.

**Paulsens Gold Operation:** Paulsens is located 180km west of Paraburdoo in WA. Paulsens consists of an underground mine, 450,000tpa processing facility, +110 person camp, numerous potential open pits and other related infrastructure. The operation is currently on care and maintenance, has a Resource of 2.7Mt @ 2.5g/t Au for 217koz and significant exploration and growth potential.

**Kal East Gold Project:** comprises ~800km<sup>2</sup> of highly prospective ground to the east of the world class mining centre of Kalgoorlie, WA. Kal East contains a Resource of 18.8Mt @ 2.1g/t Au for 1,294koz, including a preliminary JORC 2012 Reserve of 3.7Mt @ 2.0 g/t Au for 243koz.

Black Cat plans to construct a central processing facility near the Majestic Mining Centre, ~50km east of Kalgoorlie. The 800,000tpa processing facility will be a traditional carbon-in-leach gold plant which is ideally suited to Black Cat's Resources as well as to third party free milling ores located around Kalgoorlie.





# Myhree Open Pit Grade Control Results

## APPENDIX A - JORC 2012 RESOURCE TABLE - BLACK CAT (100% OWNED)

The current in-situ, drill-defined Resources for Black Cat Syndicate are listed below.

Mining Centre	Measured Resource			Indicated Resource			Inferred Resource			Total Resource		
	Tonnes ('000s)	Grade (g/t Au)	Metal ('000s oz)	Tonnes ('000s)	Grade (g/t Au)	Metal ('000s oz)	Tonnes ('000s)	Grade (g/t Au)	Metal ('000s oz)	Tonnes ('000s)	Grade (g/t Au)	Metal ('000s oz)
<b>Kal East</b>												
Open Pit	13	3.2	1	8,198	1.9	493	7,572	1.6	386	15,781	1.7	880
Underground	-	-	-	1,408	4.5	204	1,647	4.0	211	3,055	4.2	414
<b>Kal East Resource</b>	<b>13</b>	<b>3.2</b>	<b>1</b>	<b>9,606</b>	<b>2.3</b>	<b>697</b>	<b>9,219</b>	<b>2.0</b>	<b>597</b>	<b>18,836</b>	<b>2.1</b>	<b>1,294</b>
<b>Coyote</b>												
Open Pit	-	-	-	560	2.8	51	689	3.1	69	1,250	3.0	120
Underground	-	-	-	277	9.2	82	1,066	7.9	271	1,344	8.1	351
Stockpiles	-	-	-	375	1.4	17	-	-	-	375	1.4	17
<b>Coyote Resource</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,212</b>	<b>3.8</b>	<b>150</b>	<b>1,755</b>	<b>6.0</b>	<b>340</b>	<b>2,969</b>	<b>5.1</b>	<b>488</b>
<b>Paulsens</b>												
Open Pit	-	-	-	227	2.5	18	1,940	1.7	109	2,167	1.8	127
Underground	341	5.8	64	88	5.7	16	43	6.5	9	473	5.9	89
Stockpiles	11	2.8	1	-	-	-	-	-	-	11	2.8	1
<b>Paulsens Resource</b>	<b>352</b>	<b>5.7</b>	<b>65</b>	<b>315</b>	<b>3.4</b>	<b>34</b>	<b>1,983</b>	<b>1.9</b>	<b>118</b>	<b>2,651</b>	<b>2.5</b>	<b>217</b>
<b>TOTAL Resource</b>	<b>365</b>	<b>5.6</b>	<b>66</b>	<b>11,133</b>	<b>2.5</b>	<b>881</b>	<b>12,957</b>	<b>2.5</b>	<b>1,055</b>	<b>24,456</b>	<b>2.5</b>	<b>2,000</b>

### Notes on Resources:

1. The preceding statements of Mineral Resources conforms to the 'Australasian Code for Reporting of Exploration Results Mineral Resources and Ore Reserves (JORC Code) 2012 Edition'.
2. All tonnages reported are dry metric tonnes.
3. Data is rounded to thousands of tonnes and thousands of ounces gold. Discrepancies in totals may occur due to rounding.
4. Resources have been reported as both open pit and underground with varying cut-offs based off several factors discussed in the corresponding Table 1 which can be found with the original ASX announcements for each Resource
5. Resources are reported inclusive of any Reserves

The announcements containing the Table 1 Checklists of Assessment and Reporting Criteria relating for the 2012 JORC compliant Resources are:

6. Kal East:
  - o Boundary – Black Cat ASX announcement on 9 October 2020 “Strong Resource Growth Continues including 53% Increase at Fingals Fortune”.
  - o Trump – Black Cat ASX announcement on 9 October 2020 “Strong Resource Growth Continues including 53% Increase at Fingals Fortune”.
  - o Myhree – Black Cat ASX announcement on 9 October 2020 “Strong Resource Growth Continues including 53% Increase at Fingals Fortune”.
  - o Strathfield – Black Cat ASX announcement on 31 March 2020 “Bulong Resource Jumps by 21% to 294,000 oz”.
  - o Majestic – Black Cat ASX announcement on 25 January 2022 “Majestic Resource Growth and Works Approval Granted”;
  - o Sovereign – Black Cat ASX announcement on 11 March 2021 “1 Million Oz in Resource & New Gold Targets”;
  - o Imperial – Black Cat ASX announcement on 11 March 2021 “1 Million Oz in Resource & New Gold Targets”;
  - o Jones Find – Black Cat ASX announcement 04 March 2022 “Resource Growth Continues at Jones Find”
  - o Crown – Black Cat ASX announcement on 02 September 2021 “Maiden Resources Grow Kal East to 1.2Moz”
  - o Fingals Fortune – Black Cat ASX announcement on 23 November 2021 “Upgraded Resource Delivers More Gold at Fingals Fortune”.
  - o Fingals East – Black Cat ASX announcement on 31 May 2021 “Strong Resource Growth Continues at Fingals”.
  - o Trojan – Black Cat ASX announcement on 7 October 2020 “Black Cat Acquisition adds 115,000oz to the Fingals Gold Project”.
  - o Queen Margaret – Black Cat ASX announcement on 18 February 2019 “Robust Maiden Mineral Resource Estimate at Bulong”.
  - o Melbourne United – Black Cat ASX announcement on 18 February 2019 “Robust Maiden Mineral Resource Estimate at Bulong”.
  - o Anomaly 38 – Black Cat ASX announcement on 31 March 2020 “Bulong Resource Jumps by 21% to 294,000 oz”.
  - o Wombola Dam – Black Cat ASX announcement on 28 May 2020 “Significant Increase in Resources - Strategic Transaction with Silver Lake”.
  - o Hammer and Tap – Black Cat ASX announcement on 10 July 2020 “JORC 2004 Resources Converted to JORC 2012 Resources”.
  - o Rowe's Find – Black Cat ASX announcement on 10 July 2020 “JORC 2004 Resources Converted to JORC 2012 Resources”.
7. Coyote Gold Operation
  - o Coyote UG – Black Cat ASX announcement on 19<sup>th</sup> April 2022 “Funded Acquisition of Coyote & Paulsens Gold Operations - Supporting Documents”
  - o Sandpiper OP&UG – Black Cat ASX announcement on 25<sup>th</sup> May 2022 “Coyote & Paulsens High-Grade JORC Resources Confirmed”
  - o Kookaburra OP – Black Cat ASX announcement on 25<sup>th</sup> May 2022 “Coyote & Paulsens High-Grade JORC Resources Confirmed”
  - o Pebbles OP – Black Cat ASX announcement on 25<sup>th</sup> May 2022 “Coyote & Paulsens High-Grade JORC Resources Confirmed”
  - o Stockpiles SP (Coyote) – Black Cat ASX announcement on 25<sup>th</sup> May 2022 “Coyote & Paulsens High-Grade JORC Resources Confirmed”
8. Paulsens Gold Operation:
  - o Paulsens UG – Black Cat ASX announcement on 19<sup>th</sup> April 2022 Funded Acquisition of Coyote & Paulsens Gold Operations - Supporting Documents
  - o Paulsens SP – Black Cat ASX announcement on 19<sup>th</sup> April 2022 Funded Acquisition of Coyote & Paulsens Gold Operations - Supporting Documents
  - o Belvedere OP – Black Cat ASX announcement on 19<sup>th</sup> April 2022 Funded Acquisition of Coyote & Paulsens Gold Operations - Supporting Documents
  - o Mt Clement – Black Cat ASX announcement on 25<sup>th</sup> May 2022 “Coyote & Paulsens High-Grade JORC Resources Confirmed”
  - o Merlin – Black Cat ASX announcement on 25<sup>th</sup> May 2022 “Coyote & Paulsens High-Grade JORC Resources Confirmed”
  - o Electric Dingo – Black Cat ASX announcement on 25<sup>th</sup> May 2022 “Coyote & Paulsens High-Grade JORC Resources Confirmed”



# Myhree Open Pit Grade Control Results

## APPENDIX B - JORC 2012 RESERVE TABLE - BLACK CAT (100% OWNED)

The current in-situ, drill-defined Reserves for the Kal East Gold Project are listed below.

Mining Centre	Proven Reserve			Probable Reserve			Total Reserve		
	Tonnes ('000s)	Grade (g/t Au)	Metal ('000s oz)	Tonnes ('000s)	Grade (g/t Au)	Metal ('000s oz)	Tonnes ('000s)	Grade (g/t Au)	Metal ('000s oz)
<b>Open Pit Reserves</b>									
Myhree	-	-	-	585	2.4	46	585	2.4	46
Boundary	-	-	-	120	1.5	6	120	1.5	6
Jones Find	-	-	-	350	1.5	17	350	1.5	17
Fingals Fortune	-	-	-	2,039	1.7	113	2,039	1.7	113
Fingals East	-	-	-	195	1.9	12	195	1.9	12
Sub Total	-	-	-	3,288	1.8	193	3,288	1.8	193
<b>Underground Reserves</b>									
Majestic	-	-	-	437	3.6	50	437	3.6	50
Sub Total	-	-	-	437	3.6	50	437	3.6	50
<b>TOTAL Resource</b>	-	-	-	<b>3,725</b>	<b>2.0</b>	<b>243</b>	<b>3,725</b>	<b>2.0</b>	<b>243</b>

### Notes on Reserve:

- Cut-off Grade:
  - Open Pit - The Ore Reserves are based upon an internal cut-off grade greater than or equal to the break-even cut-off grade.
  - Underground - The Ore Reserves are based upon an internal cut-off grade greater than the break-even cut-off grade.
- The commodity price used for the Revenue calculations was AUD \$2,300 per ounce.
- The Ore Reserves are based upon a State Royalty of 2.5% and a refining charge of 0.2%.
- Mineral Resources are reported as inclusive of Ore Reserves.
- Tonnes have been rounded to the nearest 100 t for open pit and 1000 t for underground, grade has been rounded to the nearest 0.1 g/t, ounces have been rounded to the nearest 100 oz. Discrepancies in summations may occur due to rounding.
- This Ore Reserve statement has been compiled in accordance with the guidelines of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (The JORC Code – 2012 Edition).

# Myhree Open Pit Grade Control Results

## APPENDIX C - EXPLORATION RESULTS - 2012 JORC TABLE 1

### Section 1: Sampling Techniques and Data

Criteria	JORC Code Explanation	Commentary
Sampling techniques	<i>Nature and quality of sampling (e.g., cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i>	Recent RC drilling undertaken by Black Cat provides high quality representative samples that are carried out to industry standard and include QAQC standards. All samples are weighed in the laboratory.
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i>	Black Cat's recent RC drilling is sampled into 1m intervals via a cone splitter on the rig producing a representative sample of approximately 3kg. Samples are selected to weigh less than 3kg to ensure total sample inclusion at the pulverisation stage.
	<i>Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1m samples from which 3kg was pulverised to produce a 30g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</i>	Reverse circulation drilling is sampled into 1m intervals via a cone splitter on the rig producing a representative sample of approximately 2-3kg. Samples are selected to weigh less than 3kg to ensure total sample inclusion at the pulverisation stage. All samples are crushed, dried and pulverised to a nominal 90% passing 75µm to produce a 40g or 50g sub sample for analysis by FA/AAS. All holes are surveyed by downhole north-seeking gyro, and collars are picked up by RTK GPS by a chartered survey contractor.
Drilling techniques	<i>Drill type (e.g., core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g., core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i>	RC drilling was completed using a face sampling percussion hammer. The RC bit size was 143mm diameter.
Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	For all drilling, RC sample recovery is recorded at 1m intervals to assess that the sample is being adequately recovered during recover drilling operations. A subjective visual estimate is used and recorded as a percentage. Sample recovery is generally good, and there is no indication that sampling presents a material risk for the quality of the evaluation of the results.
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i>	Sample representativity was checked through the use of duplicates with acceptable results throughout the life of the project. RC sample return is assessed in the field based on recovery within green bags of sample reject, and sample weights are recorded based on laboratory weights.
	<i>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.</i>	There is no known relationship between sample recovery and grade for drilling completed.
Logging	<i>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.</i>	Logging of RC chips record lithology, mineralogy, texture, mineralisation, weathering, colour, alteration, veining and structure.
	<i>Whether logging is qualitative or quantitative in nature.</i>	All RC chips are stored and photographed for future reference. These chipe trays are archived in Kalgoorlie.
	<i>Core (or costean, channel, etc) photography.</i>	
Sub-sampling techniques and sample preparation	<i>The total length and percentage of the relevant intersections logged.</i>	All relevant drilling has been logged in full.
	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	No diamond core reported
	<i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i>	RC sampling is cone split to 1m increments on the rig. The vast majority of sampling has been dry. Where wet samples have been encountered, the hole is conditioned and splitter cleaned to prevent downhole contamination.
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	All sample preparation is considered acceptable. It is conducted by a commercial laboratory and involves oven drying, coarse crushing then total grinding to a size of 90% passing 75µm.
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	All subsampling activities are carried out by commercial laboratory and are considered to be satisfactory.

# Myhree Open Pit Grade Control Results

## Section 1: Sampling Techniques and Data

Criteria	JORC Code Explanation	Commentary
Quality of assay data and laboratory tests	<i>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second half sampling.</i>	For all RC drilling, field duplicate samples are carried out at a rate of 1:50 and are sampled directly from the on-board splitter on the rig. These are submitted for the same assay process as the original samples and the laboratory are unaware of such submissions.
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	RC sample sizes of between 2-3kg are considered to be appropriate for the deposit.
	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	Samples are analysed by an external laboratory using a 40g fire assay with AAS finish. This method is considered suitable for determining gold concentrations in rock and is a total digest method.
	<i>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.</i>	No geophysical tools were used
Verification of sampling and assaying	<i>Nature of quality control procedures adopted (e.g., standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e., lack of bias) and precision have been established.</i>	Drilling adheres to strict QAQC protocols involving weighing of samples, collection of field duplicates and insertion of certified reference material (blanks and standards). QAQC data is checked against reference limits in the SQL database on import. The laboratory performs a number of internal processes including repeats, standards and blanks. Analysis of this data displayed acceptable precision and accuracy.
	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	Significant intercepts are verified by database, geological and corporate staff.
	<i>The use of twinned holes.</i>	Diamond twinning has been completed at Myhree with no issues have been observed in representativity of sampling.
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	All logging is completed in the field on a table before being uploaded into an SQL database. Assay files are uploaded directly from the lab into the database. The database is managed by a third party.
Location of data points	<i>Discuss any adjustment to assay data.</i>	No adjustments have been made to the assay data.
	<i>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.</i>	All drilling is marked out using a handheld GPS prior to drilling. Once complete, the hole collars are picked up by an external contractor using RTK GPS. Downhole surveys are conducted by the drilling contractor at the end of each hole using a down hole north seeking gyro.
	<i>Specification of the grid system used.</i>	All drilling is completed using the grid system GDA 1994 MGA Zone 51.
Data spacing and distribution	<i>Quality and adequacy of topographic control.</i>	Topography has been defined by a professional drone survey.
	<i>Data spacing for reporting of Exploration Results.</i>	The nominal spacing is 10m by 7.5m for grade control.
	<i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i>	It is sufficient.
Orientation of data in relation to geological structure	<i>Whether sample compositing has been applied.</i>	Reported RC intervals are based off 1 g/t Au cut-off with a maximum of 1m continuous internal dilution between samples. All tables of results state what the reporting cut-offs are.
	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	Drilling was orientated to drill perpendicular to interpreted structures and is generally drilled at -60 inclination to the east.
	<i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i>	All drilling from surface has been drilled as close to perpendicular to the predicted orientation of stratigraphy as possible. This has reduced the risk of introducing a sampling bias as far as possible. No orientation-based sampling bias has been identified in the data at this point.
Sample security	<i>The measures taken to ensure sample security.</i>	All samples are prepared on site by company geological staff. Samples are selected, collected into tied calico bags and delivered to the laboratory by staff or contractors directly and there are no concerns with sample security
Audits or reviews	<i>The results of any audits or reviews of sampling techniques and data.</i>	Black Cat's procedures are regularly reviewed by technical staff.

# Myhree Open Pit Grade Control Results

## Section 2: Reporting of Exploration Results

Criteria	JORC Code Explanation	Commentary
Mineral tenement and land tenure status	<i>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.</i>	Myhree Mining Centre is located on M25/024 Mining lease M25/024 is held until 2028 and is renewable for a further 21 years on a continuing basis.  All production is subject to a Western Australian state government Net Smelter Return ("NSR") royalty of 2.5%. Tenement M25/024 may be subject to a 1.5% NSR royalty on gold upon commencement of production. There are no registered Aboriginal Heritage sites or pastoral compensation agreements over the tenements.
	<i>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.</i>	No known impediment to obtaining a licence to operate exists and the remainder of the tenements are in good standing.
Exploration done by other parties	<i>Acknowledgment and appraisal of exploration by other parties.</i>	General Gold completed air core drilling over the immediate area of Myhree in 1992. RAB drilling extending this line and on additional lines further north were completed by Acacia Resources in 1999. Four shallow reverse circulation holes (TE1-TE4) were drilled by Bulong Mining Pty Ltd to follow up anomalous results in the air core drilling and no further exploration is recorded.  There has been no prior diamond drilling at the deposit
Geology	<i>Deposit type, geological setting and style of mineralisation.</i>	The deposit is located in the Kurnalpi Terrane of the Archaean Yilgarn Craton. Project-scale geology consists of granite-greenstone lithologies that were metamorphosed to greenschist facies grade. The style of mineralisation is Archaean orogenic gold.
Drill hole information	<i>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:</i> <ul style="list-style-type: none"> <li>• easting and northing of the drill hole collar;</li> <li>• elevation or Reduced Level ("RL") (elevation above sea level in metres) of the drill hole collar;</li> <li>• dip and azimuth of the hole;</li> <li>• down hole length and interception depth;</li> <li>• hole length; and</li> <li>• if the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>	Tables containing drill hole collar, survey and intersection data are included in the body of the announcement.
Data aggregation methods	<i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g., cutting of high-grades) and cut-off grades are usually Material and should be stated.</i>	All aggregated zones are length weighted. No high-grade cuts have been used.
	<i>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.</i>	All intersections are calculated using a 1 g/t Au lower cut-off with maximum waste zones between grades of 1m, except where stated in the body of the report.
	<i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>	Not applicable, as no metal equivalent values have been reported.
Relationship between mineralisation widths and intercept lengths	<i>These relationships are particularly important in the reporting of Exploration Results.</i> <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i> <i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</i>	All intercepts are reported as downhole depths which is considered close to true width for most intercepts.
Diagrams	<i>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.</i>	Appropriate diagrams have been included in the body of the announcement.

## Myhree Open Pit Grade Control Results

### Section 2: Reporting of Exploration Results

Criteria	JORC Code Explanation	Commentary
Balanced reporting	<i>Where comprehensive reporting of all Exploration Results are not practicable, representative reporting of both low and high-grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i>	All results have been tabulated in this release.
Other substantive exploration data	<i>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.</i>	Geophysical surveys including aeromagnetic surveys have been carried out by previous owners to highlight and interpret prospective structures in the project area.
Further work	<i>The nature and scale of planned further work (e.g., tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i>	Black Cat is continuing an exploration program which will target extension of mineralisation and regional targets within the Kal East project. Myhree is now ready for mining, with further work not required until operations commence.