



BLACKHAM
Resources Limited



Australian gold producer with exceptional growth opportunity

ASX : BLK

121 Conference Kong Kong

Mar 2017



BLACKHAM
Resources Limited



Gold producer with exceptional growth opportunity

- Matilda Gold production commenced in Oct 2016 and production ramping up
- Market cap ~ A\$187M with strong liquidity ~ A\$29/resource oz
- Resource 6.4Moz @ 3.2g/t, 4 large scaleable gold systems & over 1,000km² landholding⁽¹⁾
- Initial Expansion study nearing completion aiming to grow production beyond 200kozpa
- **Few Australian gold projects capable of +200koz with long mine life**

Corporate Information



CAPITAL STRUCTURE

Market cap. @ A\$0.56	A\$187M
Shares on issue	337M
Strong Liquidity - 1 month volume	34M
Options @ avg \$0.26/share	31M
Cash - 31 Dec 2016	A\$10.7M
Placement completed – 10 Feb 2017	A\$35M
Debt - 31 Dec 2016	-A\$38M

SHAREHOLDER ANALYSIS

Hunter Hall	10.7%
Institutional – Australia	24%
Institutional - Europe & UK	10%
Institutional - Nth America	7%
Institutional – Asia	2%
Retail	47%
Directors and management	5%
Top 20	62%

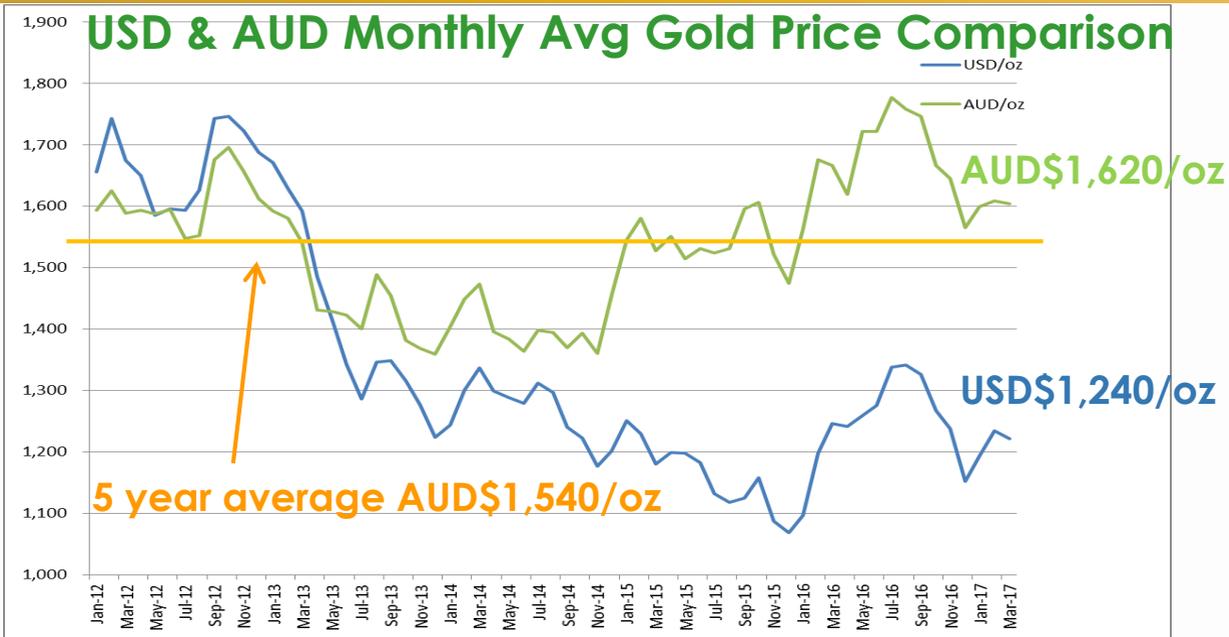
BOARD OF DIRECTORS

Bryan Dixon	Managing Director	Mining Develop't & Corporate
Alan Thom	Director – COO	Mining Develop't & Operation
Milan Jerkovic	Non-Exec Chairman	Mining Develop't & Operation
Greg Miles	Non-Exec Director	Geology
Peter Rozenauers	Non-Exec Director	Mining Finance & Corporate

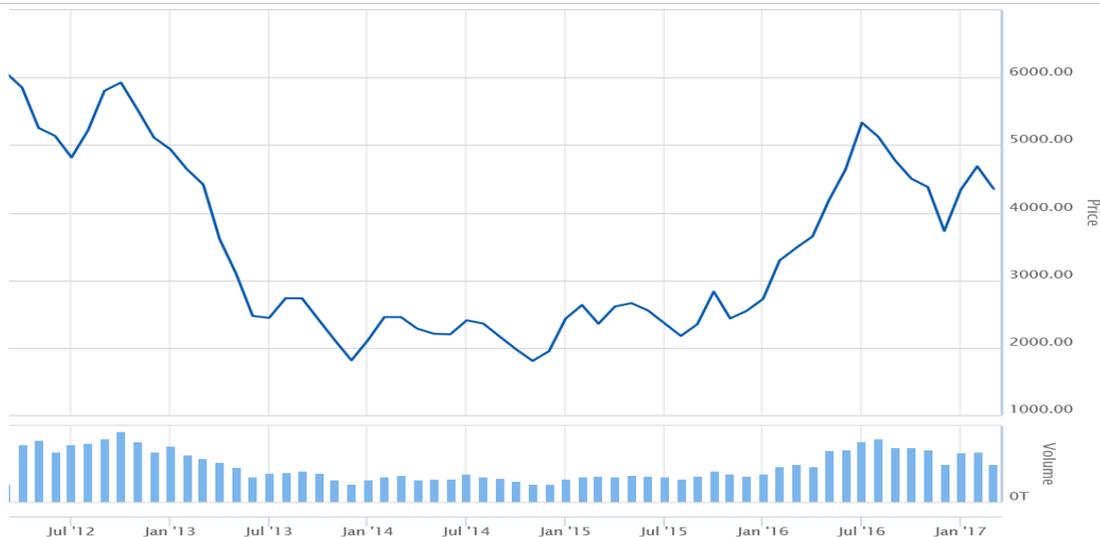
12 month chart



Australian Gold Opportunity

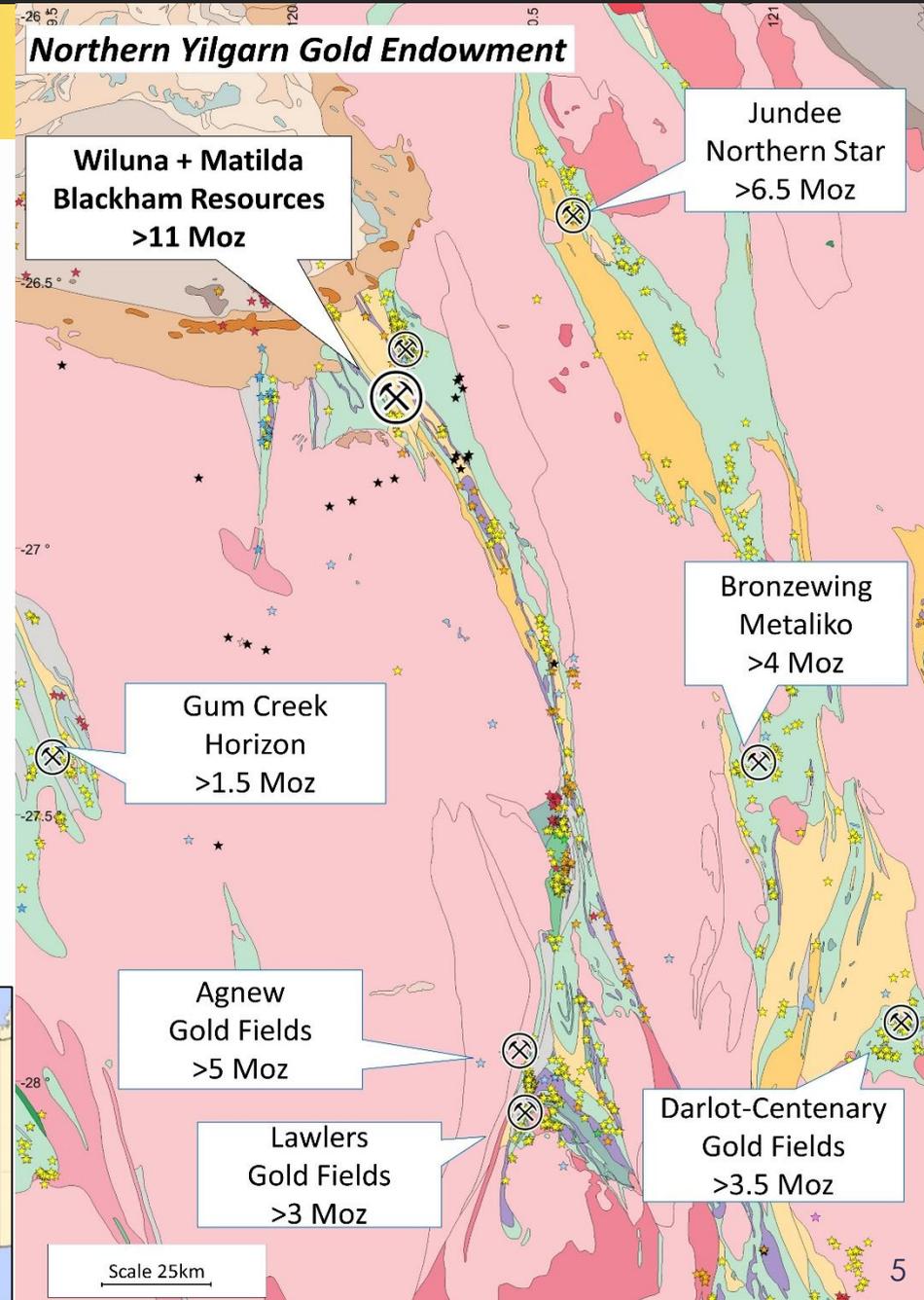


- AUD gold price is at record highs
- XGD index 38% below the peak 6 years ago
- AUD gold producers making strong margins
- Matilda margin A\$480/oz or US\$370/oz



Australia's biggest gold belt

- In Australia's largest gold belt stretching from Norseman through Kalgoorlie to Wiluna
- Regional endowment > 40Moz
- Matilda/Wiluna Operation has over 11Moz endowment including >4.3Moz of past production – Largest endowment in region
- Positioned for new discoveries and economic development of existing resources



Matilda Progress to Date



Matilda Progress to Date

- Mar 2014, acquired gold plant and mine and consolidated the Wiluna Goldfield
- Dec 2014, scoping study - Mineral Inventory **5.0Mt @ 2.8g/t for 454,000oz Au**
- June 2015, BLK completed \$38.5M deal with Orion Mine Finance
- DFS published in Feb 2016 and improved to June 2016
 - Mine Plan **9.3Mt @ 2.9g/t for 873,000oz Au** ⁽²⁾
 - Reserves **7.0Mt @ 2.5g/t for 560,000oz Au** ⁽²⁾
 - Very strong conversion of Mine Plan to Reserves to date
- Resource 6.4Moz @ 3.2g/t(49% indicated) at acquisition & exploration cost of <\$6/oz ⁽¹⁾
- June 2016 mining approvals & July 2016 Mining commenced
- Oct 2016 first gold production
- Gold production ~ 16 months after receiving the Orion funding deal
- Ramping up production - 4,900oz produced in month of Dec 2016.

Matilda Operating Plan

- Continue to improve and optimise operations and mine plan
- Further reserve upgrades expected with **>5Moz resource outside the mine plan**
- Finalise expansion studies aimed at gold production of +200,000ozpa to fully utilise vast and diversified 6.4Moz resource base

1) Refer to ASX release dated 13th December 2016

2) Refer to ASX release dated 17th June 2016

Gold production ramping up



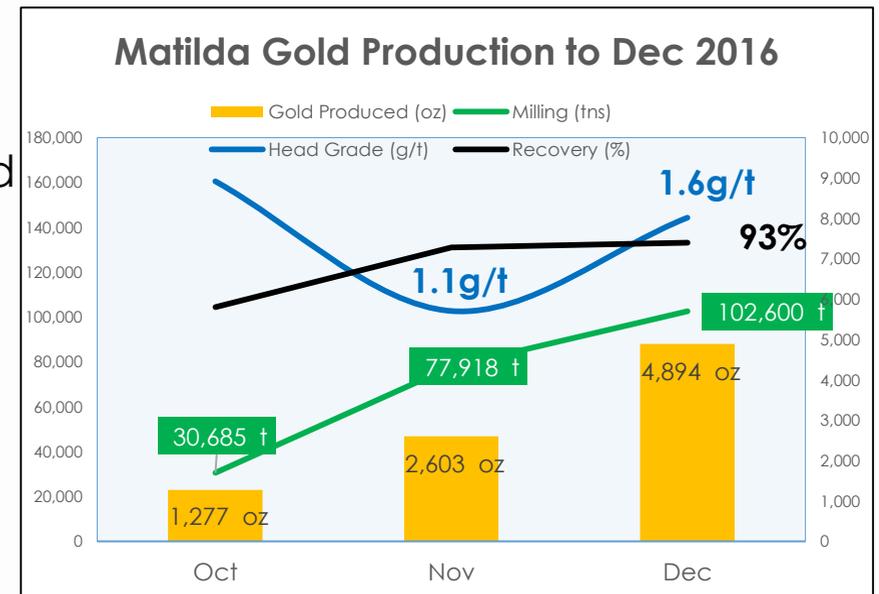
Crushing circuit - availability of 65% during Dec 2016 quarter which impacted mill throughput. The low circuit availability was caused by mechanical issues and operability of the secondary and tertiary cone crushers. The crushing circuit during March has operated at 72% utilization and averaged 5,000 wet tonnes per day being 95% of design. Crushing circuit has operated at up to 7,000 wet tpd.

Grinding Circuit - Every month since commissioning milled throughput has improved. During March '17 The grinding circuit has operated at an average throughput rate of 4,410 tonnes per day being 95% of nameplate design but has achieved up to 5,800tpd. Management are confident of achieving milling throughput of 2.0Mtpa – 15% above nameplate capacity.

Grade profile - ramping up but has been hampered by wet weather and pit conditions and slower mining in both the open pits and underground

Leach and Elution Circuits

The leach circuit is working very well and total plant recoveries are strong 93-95%





Blackham Strategy

- Strengthening and lengthening reserves profile
- Game changing discoveries & opportunistic bolt on acquisitions

Matilda - Stage 1 ~ 100,000ozpa

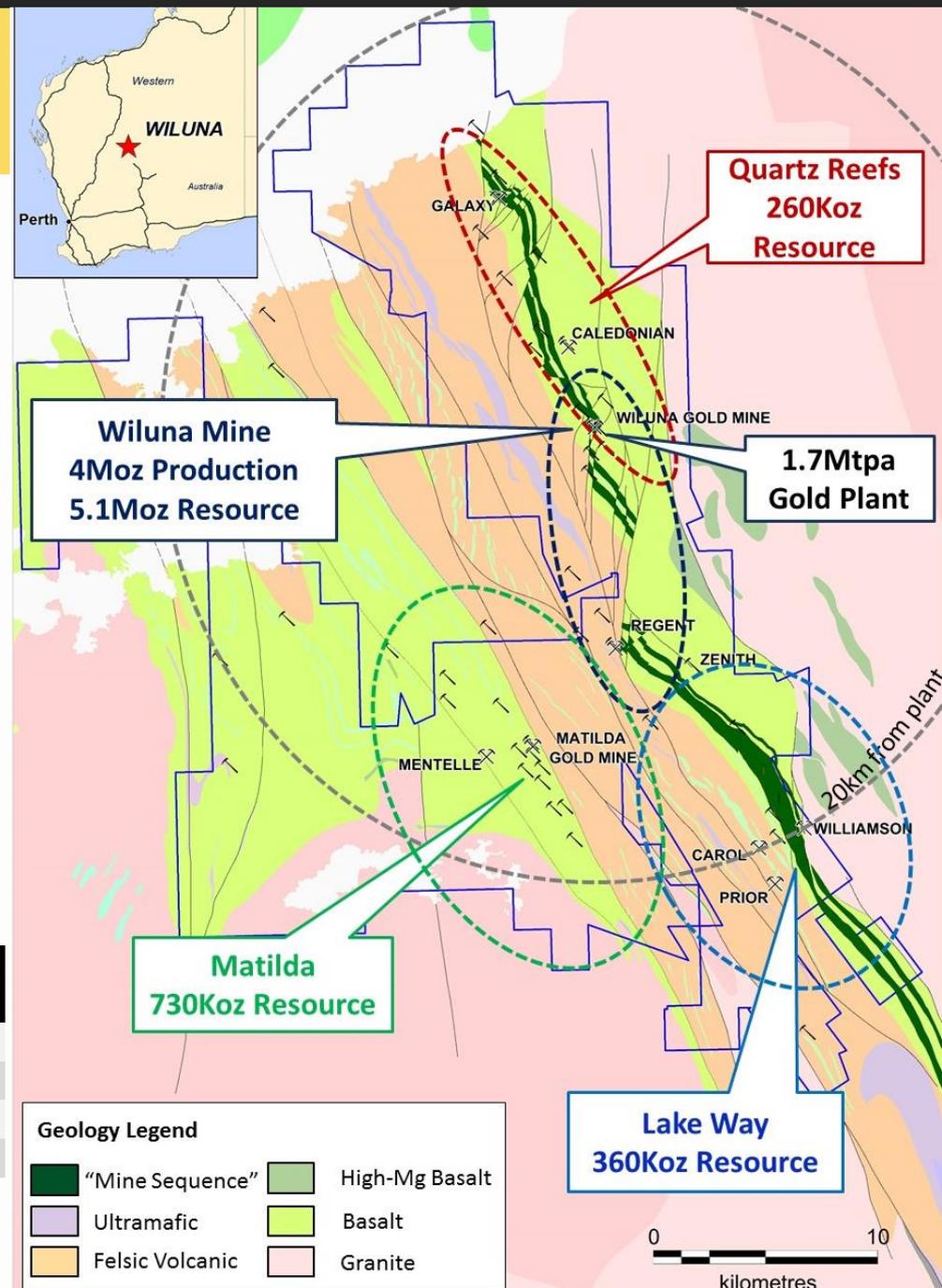
- Gold production started from oxides & high grade free milling reefs
- Soft free milling ore will be used build balance sheet
- Exploration on high grade reefs & base load oxide ore
- Rapidly growing long term mine plan

Matilda & Wiluna - Stage 2 +200,000ozpa

- Additional ore feed from Wiluna sulphides – 5.1Moz @ 3.9g/t
- Additional milling capacity to supply the existing sulphide circuit
- Wiluna open pit resource success underpins expansion plan
- Open pit mining and processing studies in progress
- **Expansion study aimed at expanding production to +200kozpa**

Large Scaleable geology

- Resource **63Mt @ 3.2 g/t for 6.4Moz Au** ⁽¹⁾
 - 49% indicated resource level
- Consolidated Wiluna goldfield with all deposits < 20km of plant
- Good mix of open pit & high grade UG ore
- +1,000km² of tenure & 55km of strike
- 4 large gold systems capable of sustaining a long mine life
- Averaged gold production of 101,000ozpa over 27 years of operations



	Past Production	Resources koz	Drilling km	Strike km
Matilda	>200koz	730	246	7
Quartz reefs	>300koz	260	73	15
Lake Way	42koz	360	92	9
Wiluna	>4Moz	5,070	1,350	7

1) Refer to ASX release dated 13th December 2016

Matilda Mine – Base Load Ore and Growing

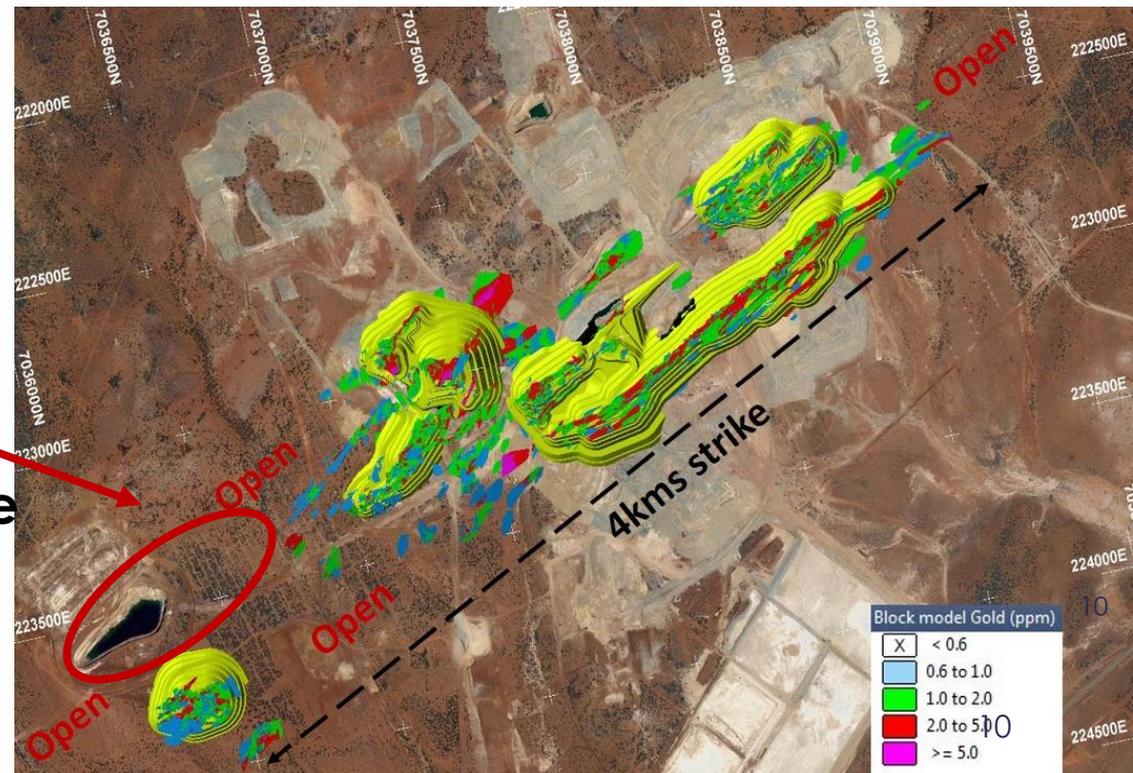


- 10kms stacked, repeating gold lodes
- Soft, deeply weathered oxide ore
- Production (1987-1993):
 - 2.2 Mt@ 2.6g/t = 181,000oz au
- Mine Plan continues to grow
 - 3.7Mt @ 1.8g/t for 213,000oz Au¹⁾
 - Gravity & leach recoveries 93%
 - Soft rock & ore with significant free dig

Resources	Mt	Grade	Koz
Measured	0.2	2.0	13
Indicated	7.7	1.8	445
Inferred	4.9	1.7	270
Total	12.8	1.8	728

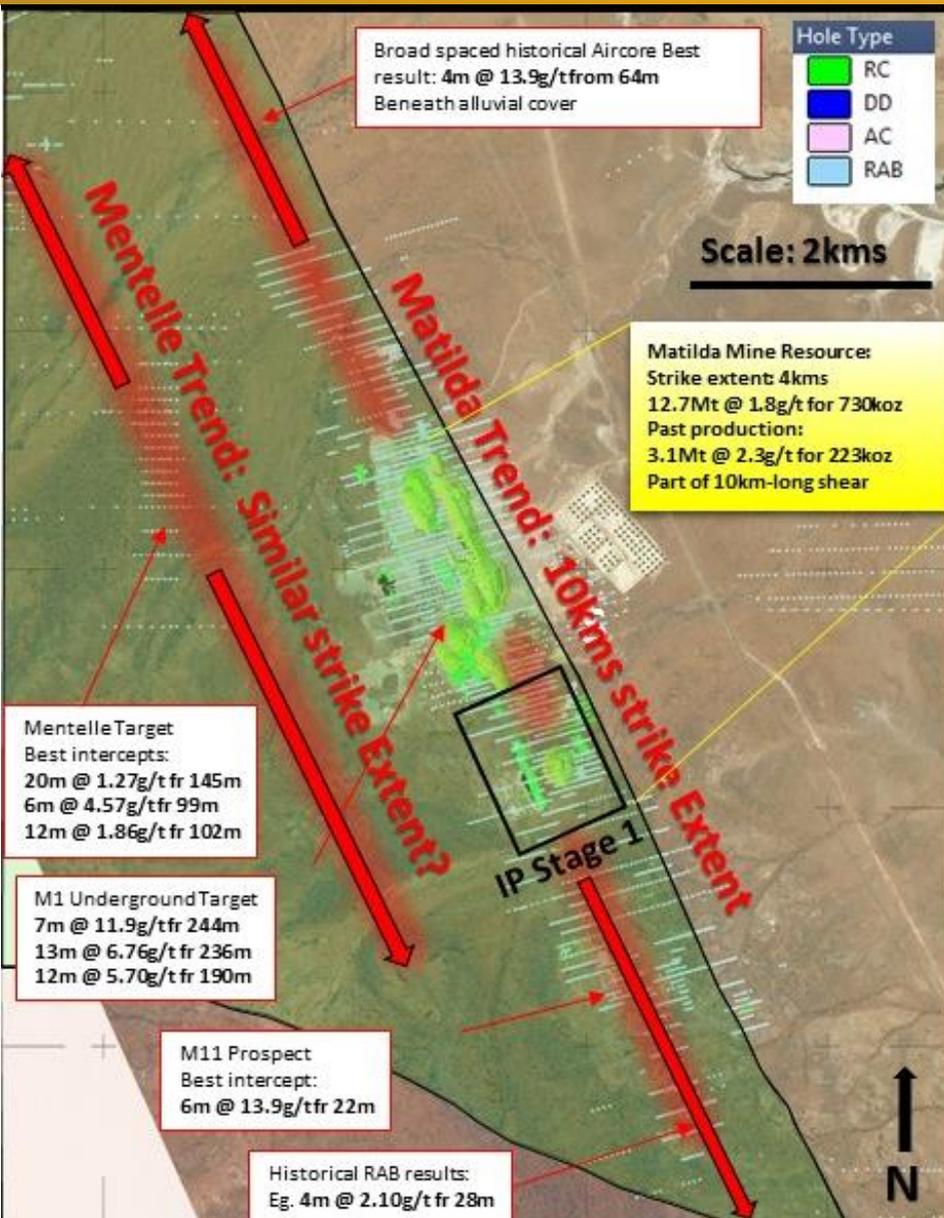
- **Designing new M6 pit to the south following recent drill success**

Growing source of large tonnage base load ore



1) Refer to ASX release dated 17th June 2016

Matilda Regional Stacking & Repeating Lodes



- **>10kms of prospective shear zone**
- Historical drilling identified mineralisation up to 3km from the mine area
- Ineffective historical RAB requiring RC follow up along strike and at depth
- **Alluvial cover to north & south an impediment to previous exploration**
- Mentelle Trend - prospective Matilda look-a-like shear?
- **Utilise gradient-array IP (GAIP) geophysical survey to detect Au + sulphides: characteristic of Matilda**
- *Large RAB program to test basement*
- **Targeting new Matilda-sized mine ~ 1Moz**

Matilda Open Pit Mining



Matilda M10 goodbye cut



Matilda M3 sub-pit currently being mined with 2 diggers

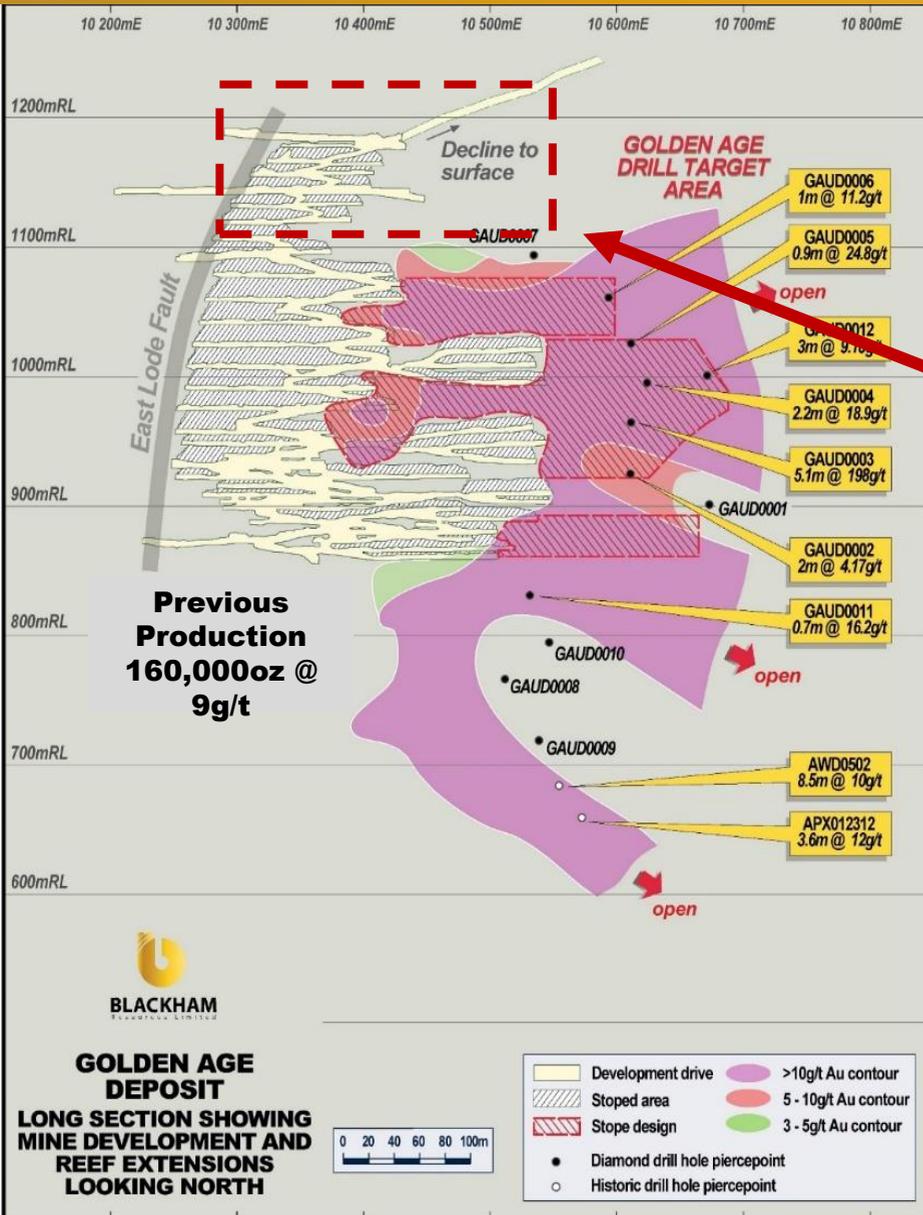


M3 sub-pit being mined with 2 diggers

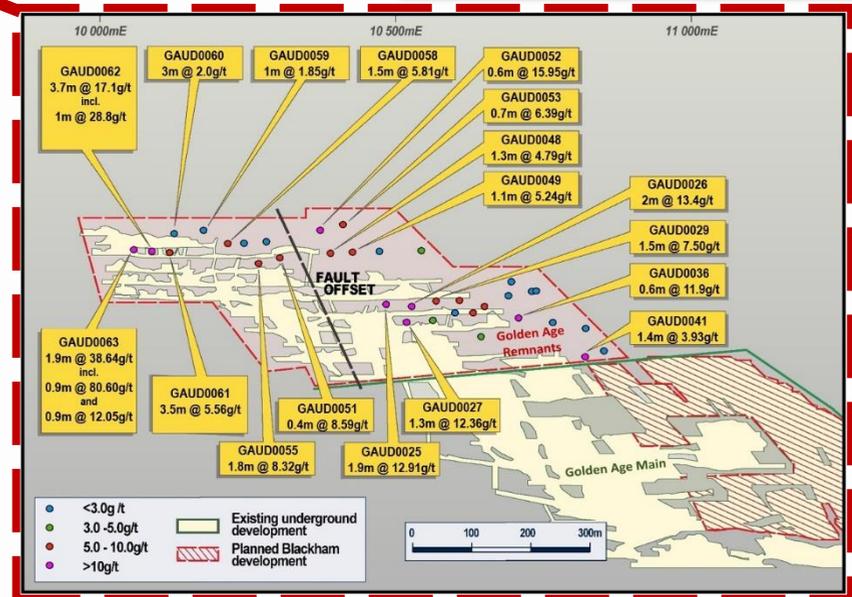
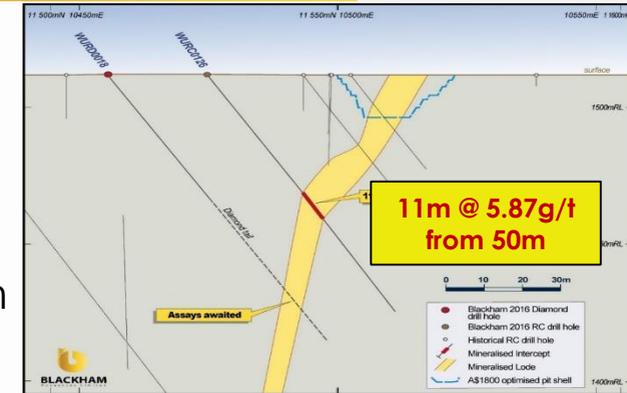


Matilda M4 sub-pit grade control drilling

Golden Age – High Grade Quartz Reef

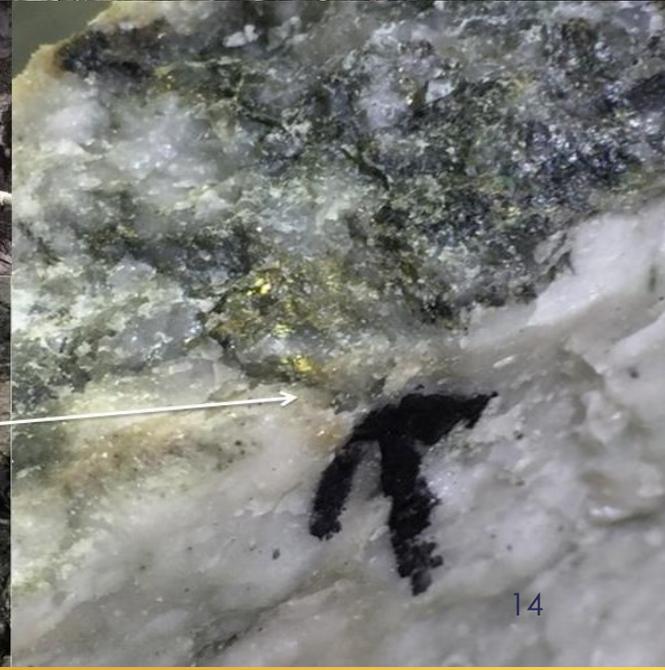


- Recent drilling confirms the open pit potential 11m @ 5.87g/t from 50m

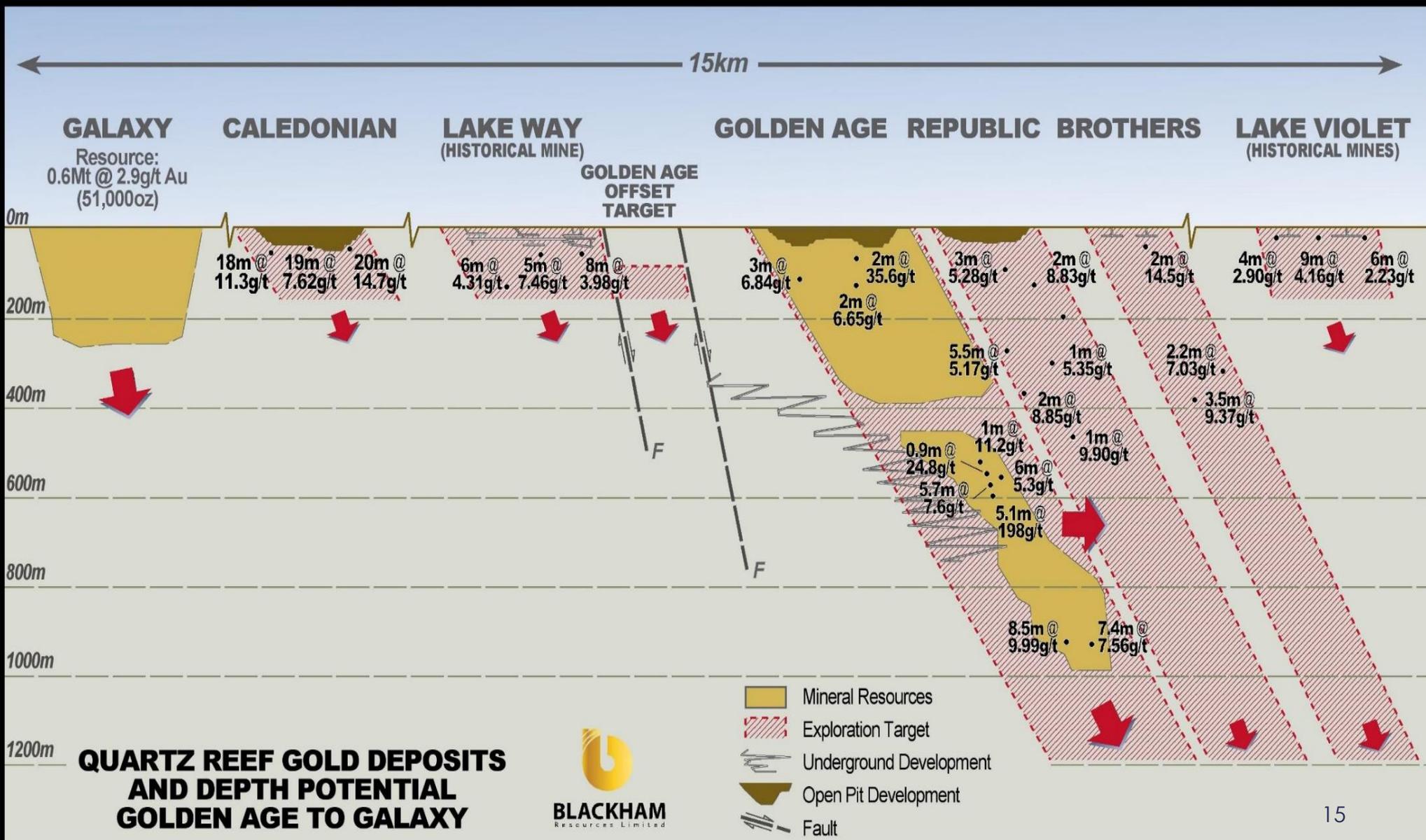


- UG produced 160,000oz Au @ 9.0g/t
- Middle Resource **290kt @ 9.0g/t for 85,000oz**
- UG mining development ore avg 4.9g/t

Golden Age Underground Mining



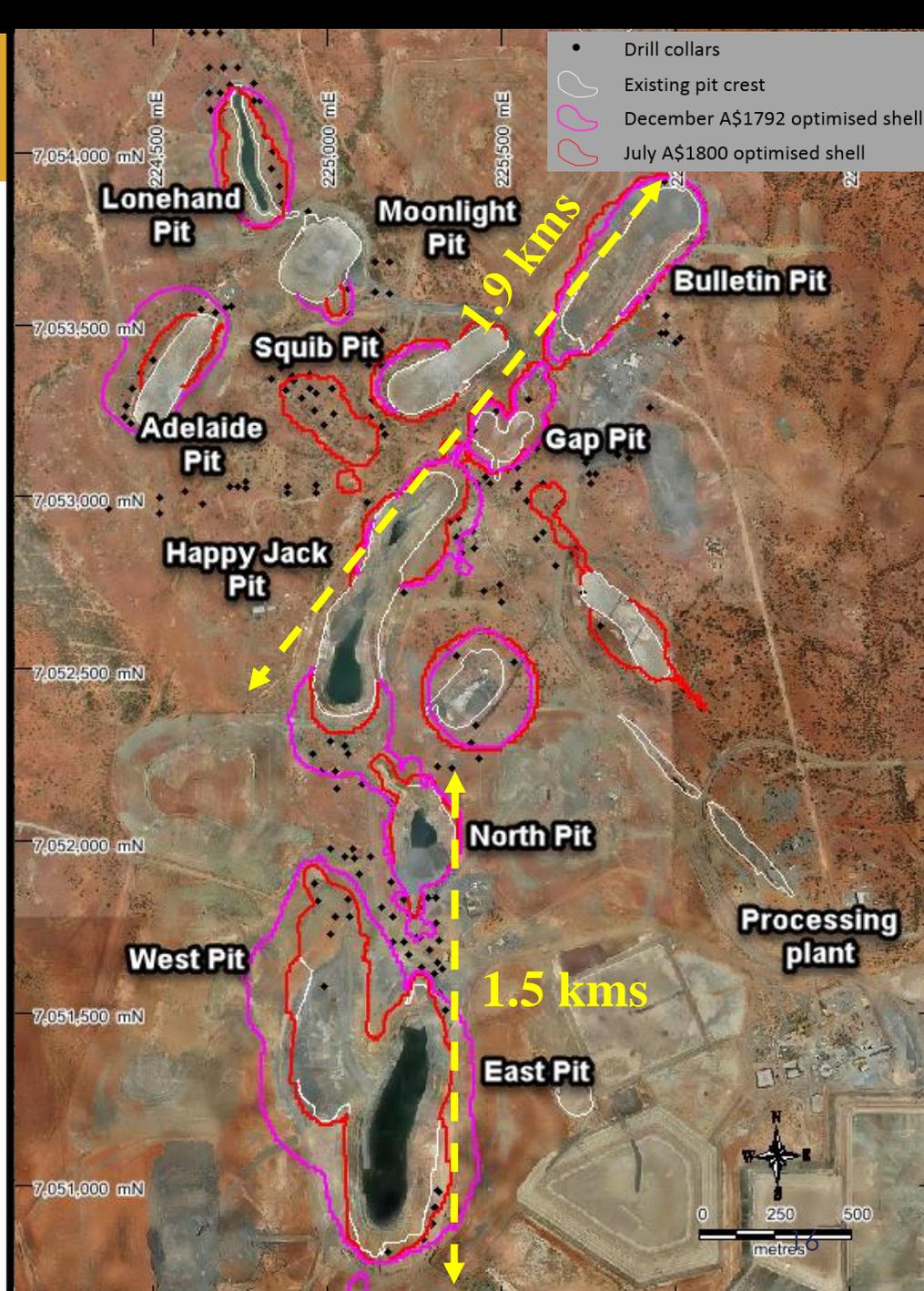
Mining One Reef with 15km of Reef Prospects



Stage 2: Wiluna 5.1 Moz

- Total resources **41Mt @ 3.9g/t for 5.1Moz** ⁽¹⁾ -
 - OP resources **16Mt @ 2.5g/t for 1.3Moz**
 - UG resources **24Mt @ 4.7g/t for 3.7Moz**
- Operating history gives good understanding of processing costs & recoveries
 - 83% average recoveries over 20 years
 - opportunities to improve floatation recoveries
- Mining plan is the key to unlocking the value
 - Substantial mine development - 5 declines
 - One open pit and two declines operating gives flexible and sustainable mine plan
- Feasibility and development confirms sulphides are economic - **AISC A\$1,140/oz**
- **Estimating maiden Wiluna open pit mine plan following successful maiden resources**
- **60,000m infill and extension programme in place finalise ropen pit reserves**

1) Refer to ASX release dated 13th December 2016 and 23 January 2017



Expanded Production targeting +200,000ozpa

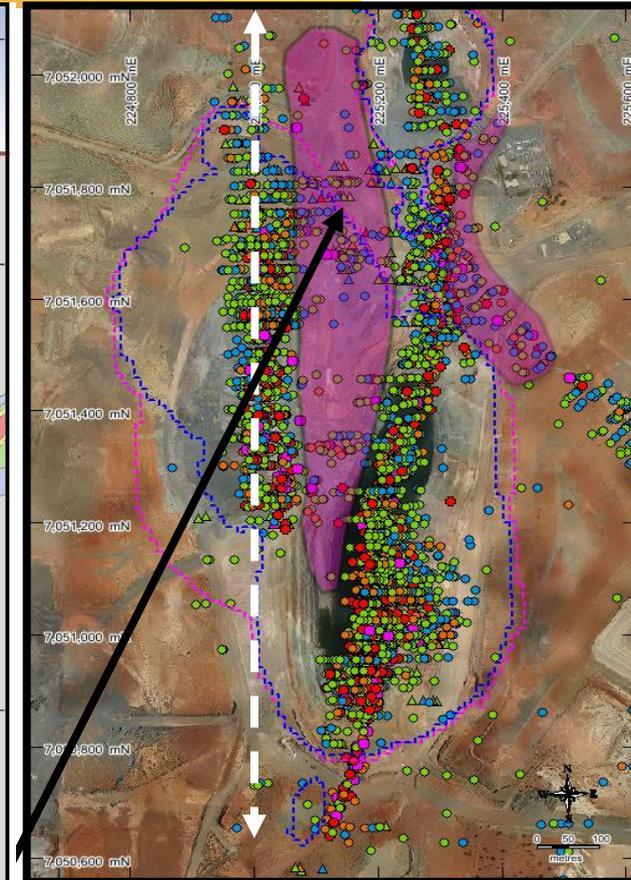
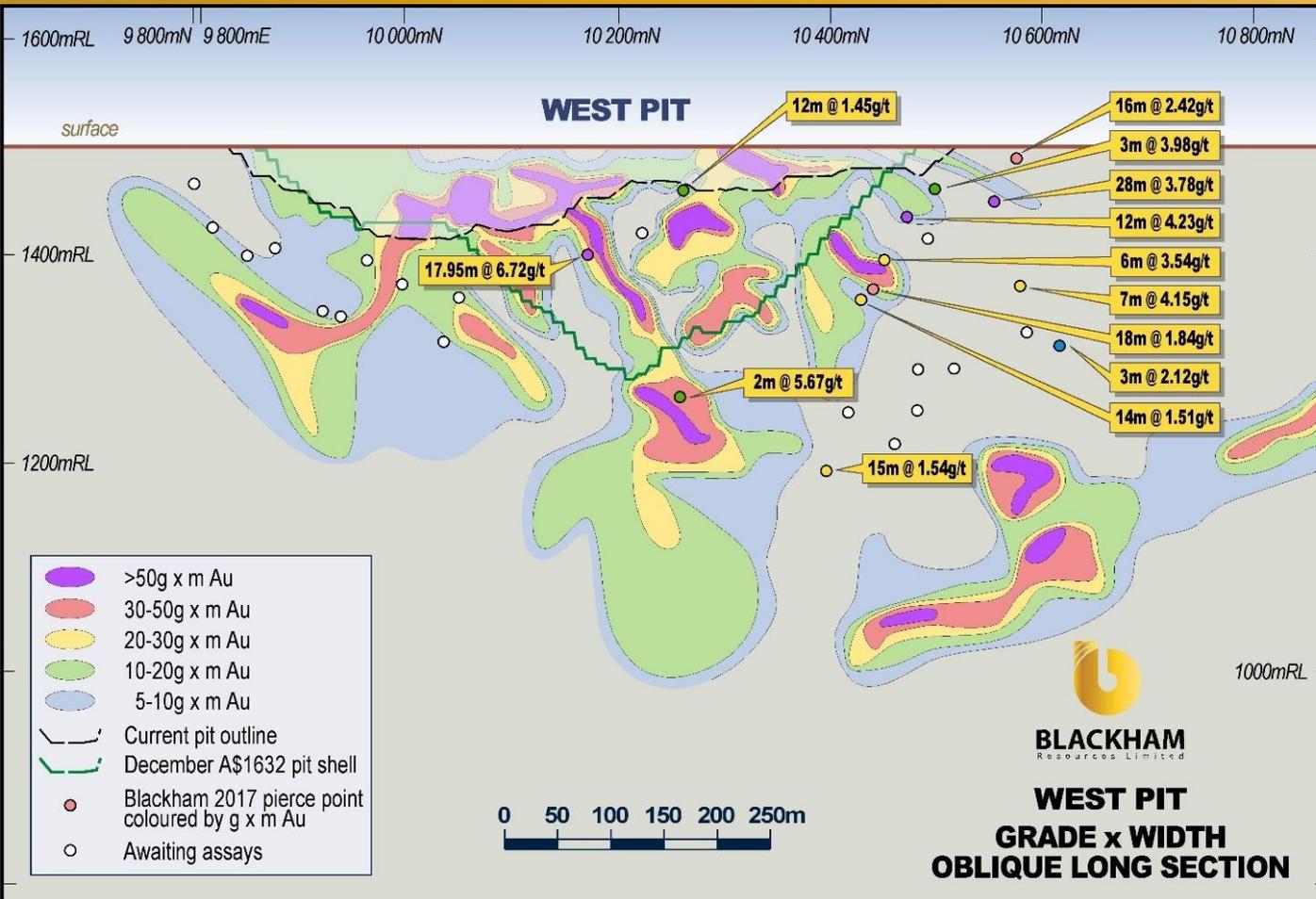


		Matilda Stage 1	Wiluna Stage 2	Combined
Throughput	Mtpa	1.8	~ 1.5	~ 3.2
Grade	g/t	1.7	~ 3.7	~ 2.6
Recovery	%	92%	83%	86%
Production	Koz	91koz	~ 148koz	~ 239koz
Resources	Koz	1.4Moz @ 1.7g/t	5.1Moz @ 3.9g/t	6.4Moz @ 3.2g/t
Capital	\$M		?	
Timing		Oct-16	Sept 18 to Mar 19	
EBITDA	\$M	\$42M	~ \$68M	~ \$110M

1. Geological success at Wiluna open pits leads to plans for 1.5Mtpa additional mill throughput

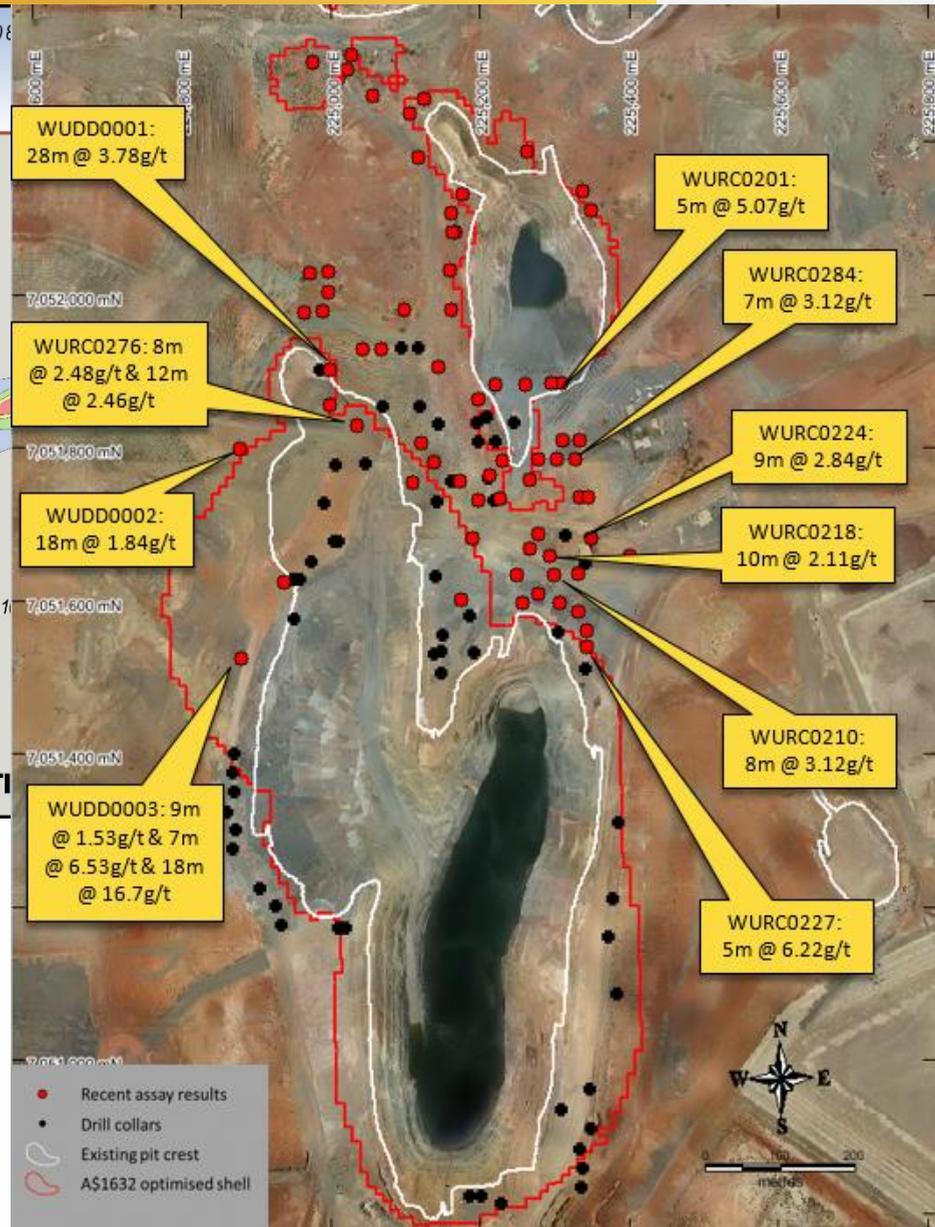
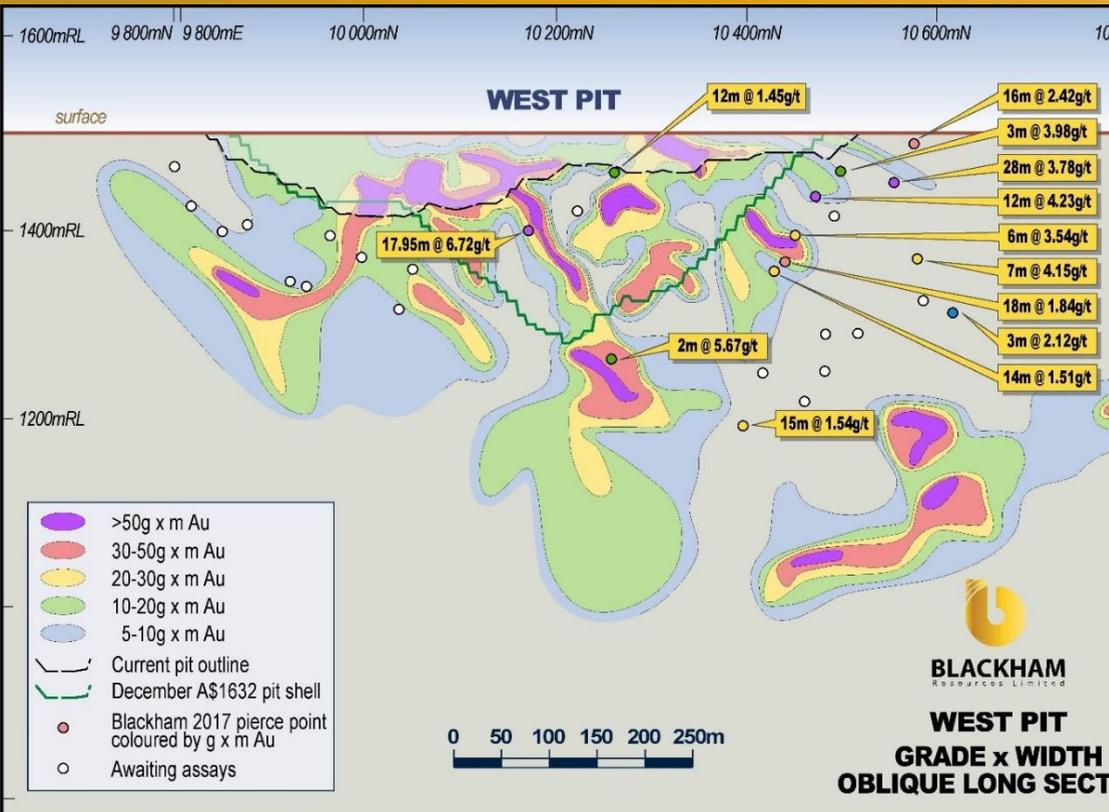
- Throughput is the main unknown in determining annual production
- 1.5Mtpa Expansion Study for due imminently
- Drilling & mining studies over the 5.1Moz Wiluna open pit & underground
- EBITDA assumes A\$1,600/oz revenue and \$1,140/oz AISC per ASX release 22 July 2016
- Economies of scale bring large resources into the mine plan

East West Pit - large scale pit getting bigger



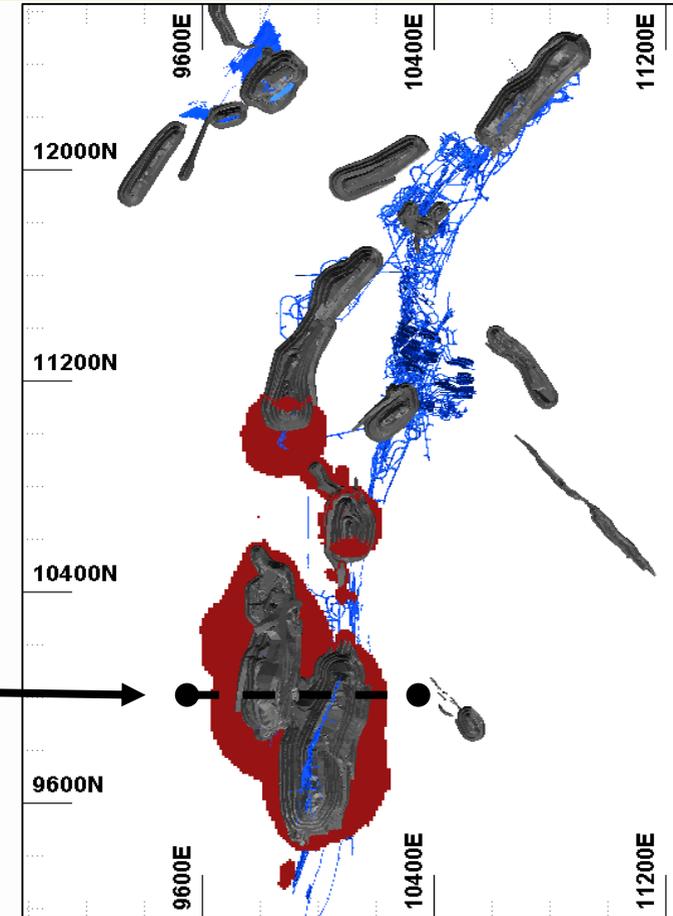
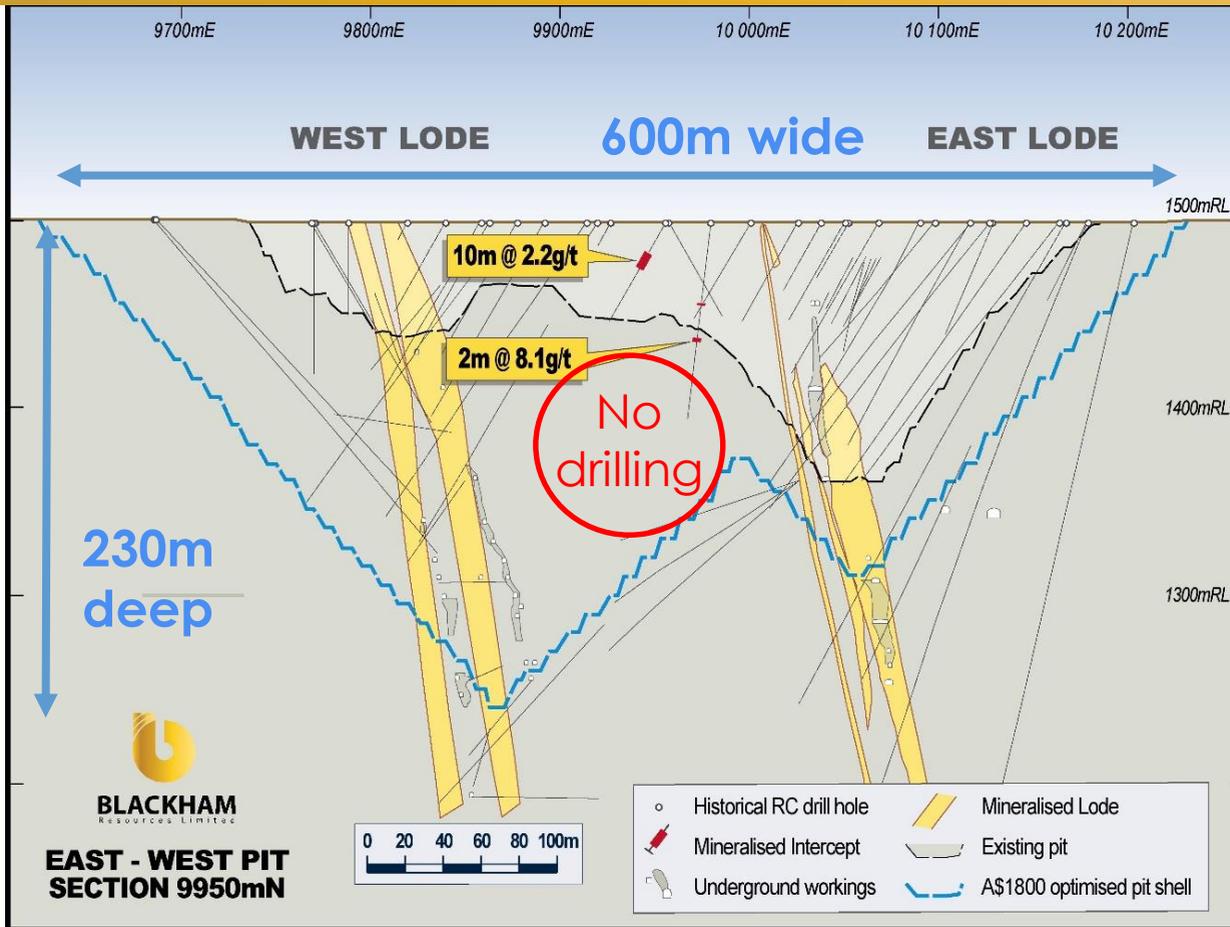
- Pit optimising on 2.5g/t diluted grade
- Recent drilling confirmed significant mineralisation in purple zones not modelled in resources – economics likely to improve with further drilling
- Wide ore zone ideal for open pit mining

East West Pit - large scale pit getting bigger



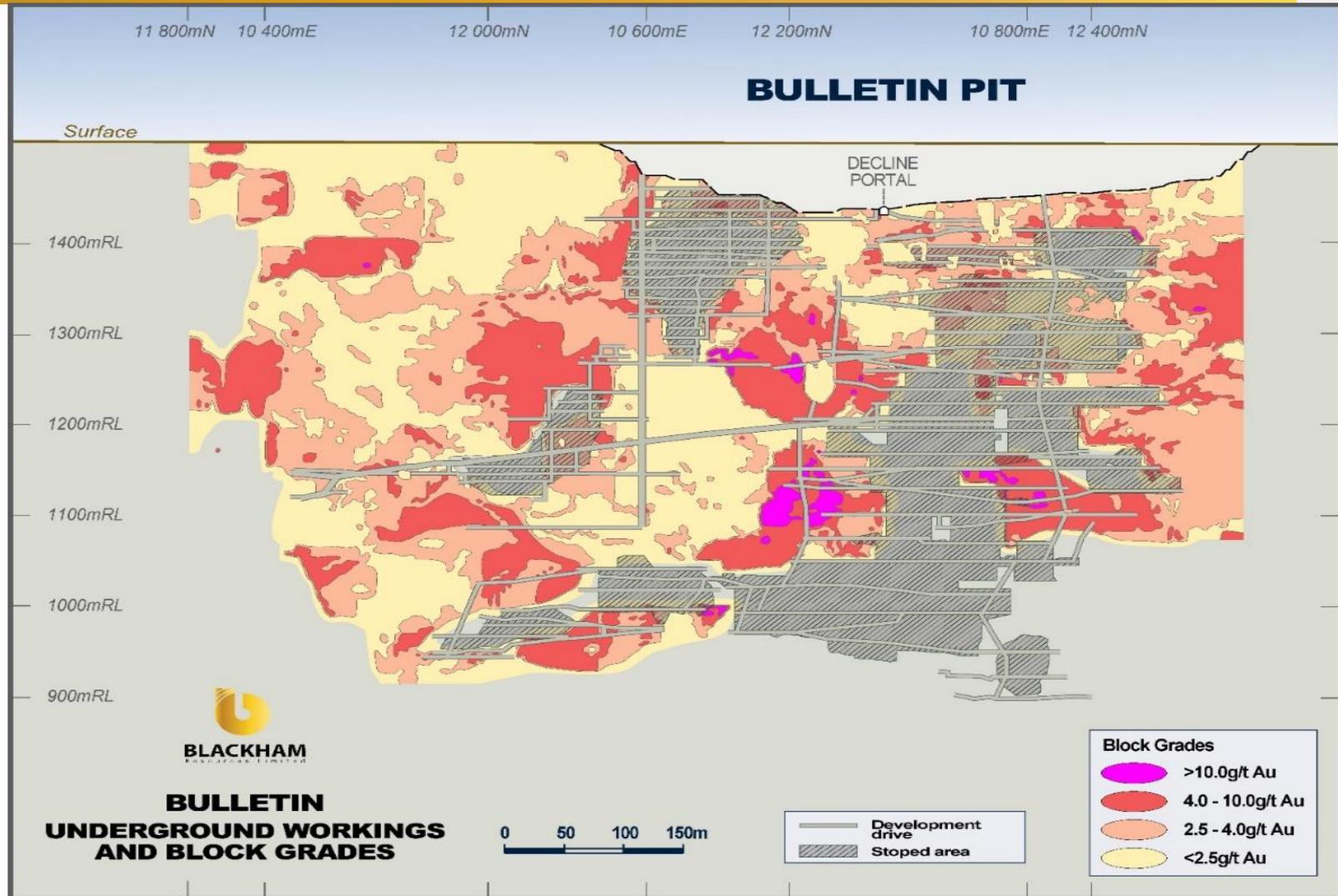
- Recent drilling confirmed significant mineralisation in purple zones not modelled in resources – economics likely to improve with further drilling
- Wide ore zone ideal for open pit mining

East-West pit cutback opportunity



- East-West pit optimising with a grade of 2.7g/t to a maximum depth of ~230m
- Wide zones of mineralisation ideal for open pit mining
- central zone mineralisation intersected to the north (5m @ 2.7g/t) & south (14m @ 3.7g/t)
- Follow up program commencing in February

Bulletin Mine Plan – low development capital



**Little development to access 5g/t orebody. Quick pay pack.
Currently mining Golden Age from the Bulletin Decline**

Matilda/Wiluna Gold Resources grow 25% for Qtr



Matilda Gold Project Resource Summary

OPEN PIT RESOURCES												
Mining Centre	Measured			Indicated			Inferred			Total 100%		
	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au
Matilda Mine OP	0.2	2.1	13	7.6	1.8	435	4.3	1.4	200	12.0	1.7	650
Galaxy				0.4	3.1	42	0.4	2.2	25	0.8	2.7	68
Williamson Mine				3.3	1.6	170	3.8	1.6	190	7.1	1.6	360
Wiluna OP ¹				8.4	2.7	730	4.1	2.5	330	12.5	2.6	1,060
Regent				0.7	2.7	61	3.1	2.1	210	3.8	2.2	271
Stockpiles				0.4	1.0	13				0.4	1.0	13
OP Total	0.2	2.1	13	21	2.2	1,451	16	1.9	955	37	2.1	2,422
UNDERGROUND RESOURCES												
Mining Centre	Measured			Indicated			Inferred			Total 100%		
	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au
Golden Age				0.5	5.3	81	0.9	3.7	110	1.4	4.3	191
Wiluna				9.4	5.2	1570	15.0	4.4	2165	24	4.7	3,735
Matilda Mine UG				0.1	2.5	10	0.6	3.6	70	0.7	3.4	80
UG Total				10	5.2	1,661	17	4.4	2,345	27	4.7	4,006
Grand Total	0.2	2.1	13	31	3.1	3,112	32	3.2	3,300	63	3.2	6,428

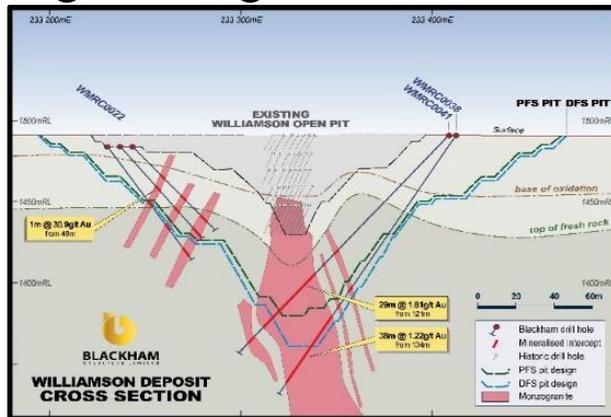
Mineral Resource estimates are not precise calculations, being dependent on the interpretation of limited information on the location shape and continuity of the occurrence and on the available sampling results. The figures in the Table above are rounded to two significant figures to reflect the relative uncertainty of the estimate. See ASX announcements 13 December 2016 and 23 January 2017 for further information

Lake Way – large mineralised suited to bigger plant

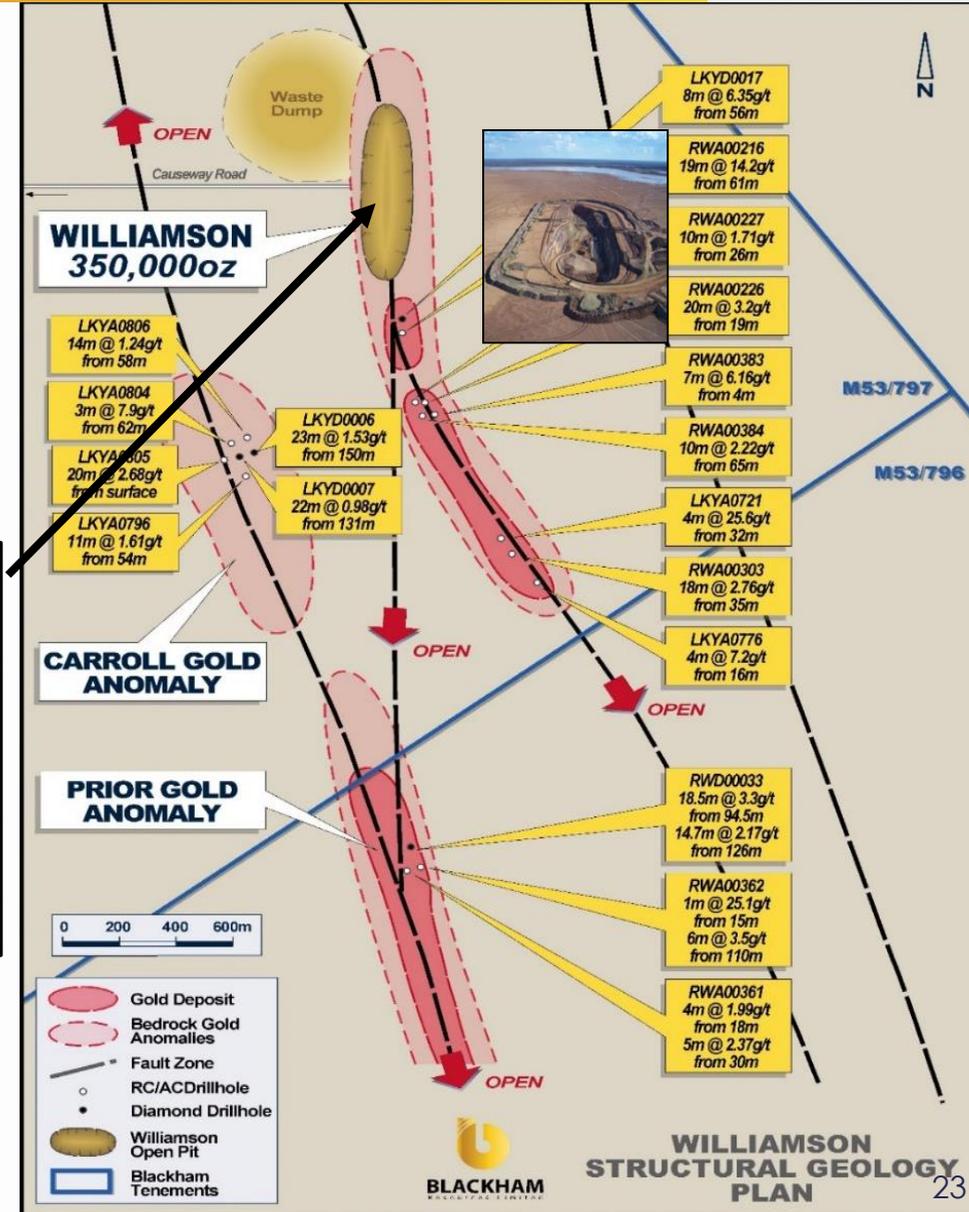


- 19km south along strike from Wiluna
- **Large tonnage potential**
- Historically Williamson produced 663kt@2.0g/t for 42,000Au
- Free milling **95%** DFS recoveries
- Main lode up to **40m wide**
- High grade underground gold

3m@40.1g/t
4.3m@17.0g/t
3.5m@35.5g/t
2m @ 95.1g/t

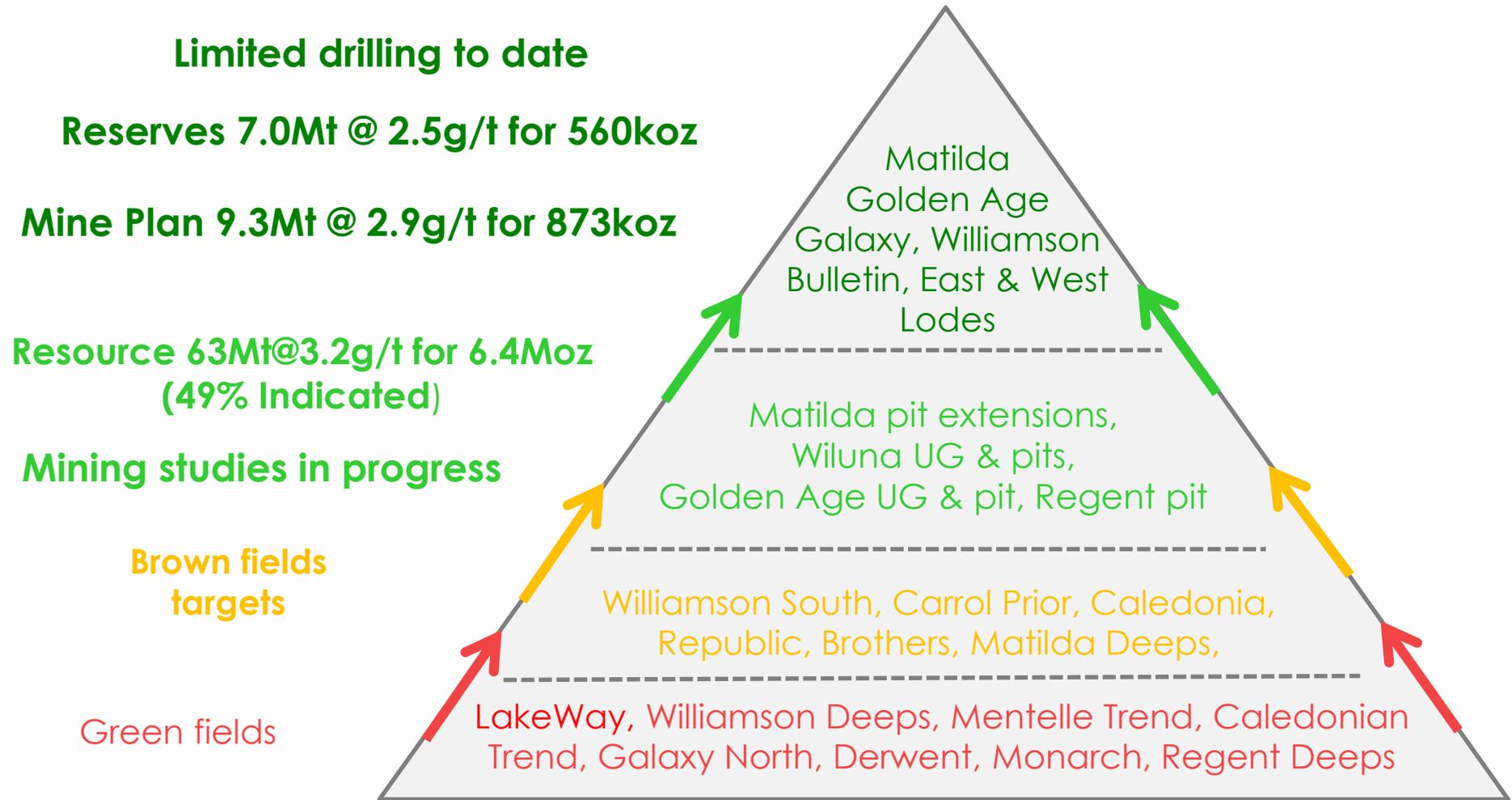


RESOURCES ⁽¹⁾	Mt	g/t Au	Oz Au
Indicated	3.3	1.6	170,000
Inferred	3.8	1.6	190,000
TOTAL	7.0	1.6	360,000



1) Refer to ASX release dated 13th December 2016

Growing the Mine Life from Large Gold Systems



Acquisition and exploration cost of <\$6/oz

Very strong conversion of Scoping mine plans to Feasibility reserves

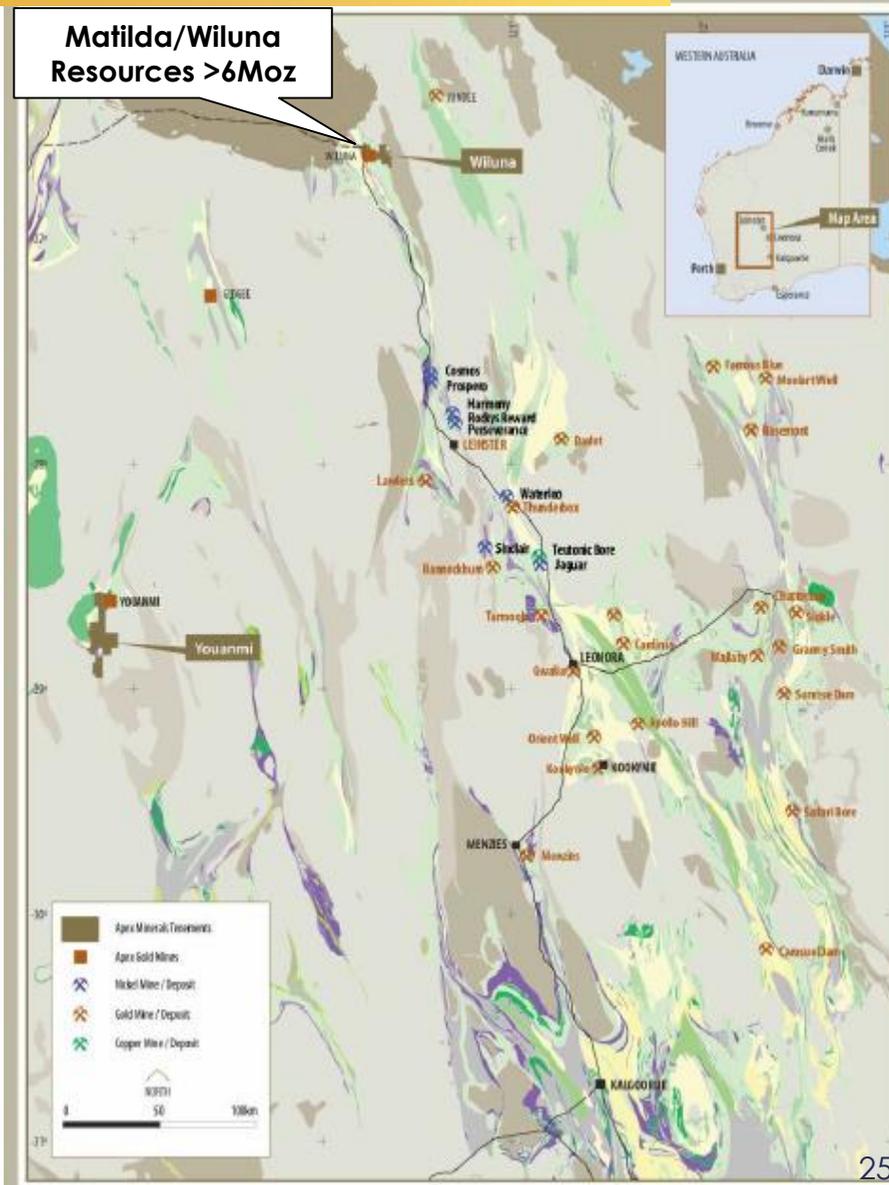
Continuing to extend the mine plan at low costs



+200koz long life operations are rare

- Very few gold operations in first class jurisdictions have the geological scale to be +200,000ozpa operations.
- Gold operations of this size generally sit in billion or multi-billion dollar producers.

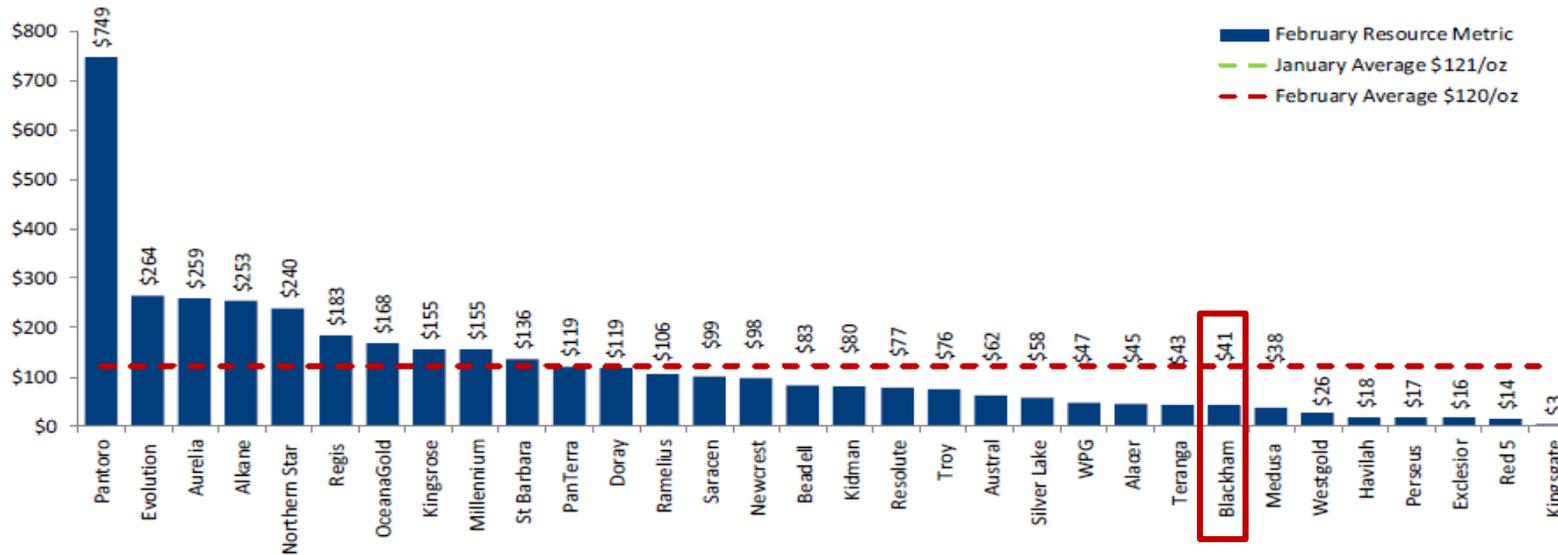
Company	Mines	Production FY16	FY16 AISC A\$/oz
1 Newmont	Boddington	794,000	\$ 1,065
2 Newcrest	Cadia	669,000	\$ 365
3 KCGM	Superpit	632,000	\$ 1,287
4 Anglo gold Ashanti	Tropicana	491,000	\$ 895
5 Newcrest	Telfer	462,000	\$ 1,289
6 Newmont	Tanamai	436,000	\$ 965
7 Goldfields	St Ives	372,000	\$ 1,287
8 Regis	Duketon	305,000	\$ 1,015
9 Goldfields	Granny Smith	301,000	\$ 1,016
10 St Barbara	Gwalia	267,000	\$ 783
11 Evolution	Cowal	237,940	\$ 907
12 Goldfields	Agnew	237,000	\$ 1,276
13 Anglo gold Ashanti	Sunrise Dam	216,000	\$ 1,110
14 Northern Star	Jundee	209,000	\$ 1,025
Blackham	Matilda/Wiluna - Stage 2	255,000	\$ 1,120
Blackham	Matilda - Stage 1	101,000	\$ 1,120



Australian Gold Producer Peers

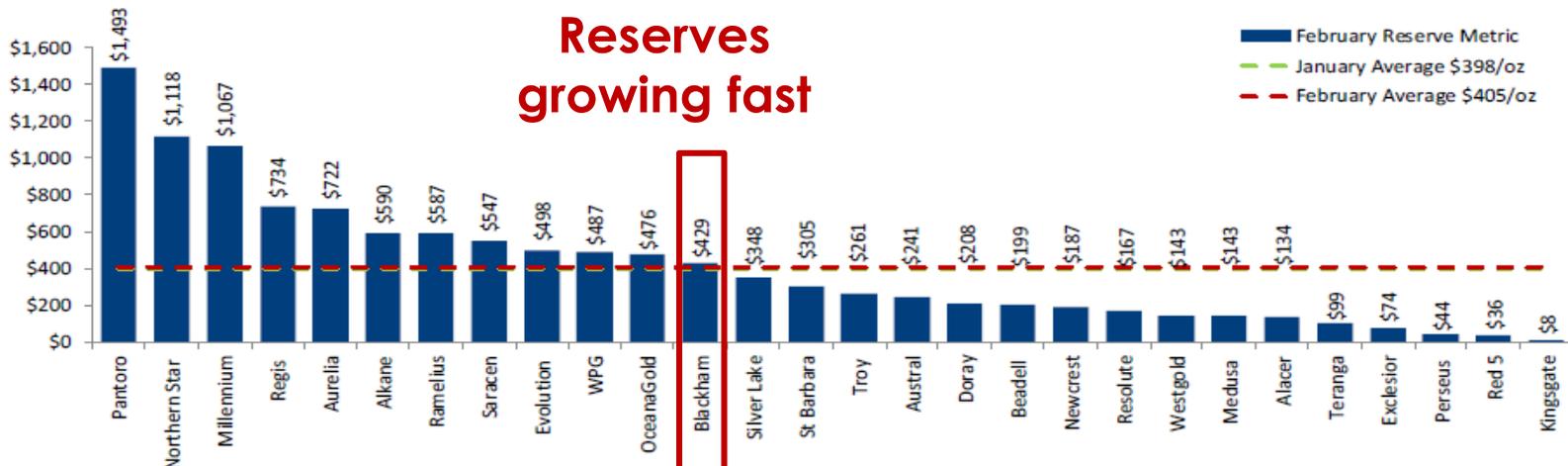


Producers - EV / Resource (A\$/oz AuEq)



BLK has >5.8Moz in resources outside of reserves it is currently evaluating

Producers - EV / Reserve (A\$/oz AuEq)



Source



- Gold production currently being ramped up
- Gold producer with scaleable resources and potential of long mine life
- High margins and returns for shareholders
- **Initial expansion study aimed at growing production to ~ 200-240kozpa to better monetise the 6.4Moz resource nearing completion**



Disclaimers and Important Information



This presentation includes certain statements that may be deemed 'forward-looking statements'. All statements that refer to any future production, resources or reserves, exploration results and events or production that Blackham Resources Ltd ('Blackham' or 'the Company') expects to occur are forward-looking statements. Although the Company believes that the expectations in those forward-looking statements are based upon reasonable assumptions, such statements are not a guarantee of future performance and actual results or developments may differ materially from the outcomes. This may be due to several factors, including market prices, exploration and exploitation success, and the continued availability of capital and financing, plus general economic, market or business conditions. Investors are cautioned that any such statements are not guarantees of future performance, and actual results or performance may differ materially from those projected in the forward-looking statements. The Company does not assume any obligation to update or revise its forward-looking statements, whether as a result of new information, future events or otherwise.

The information contained in the report that relates to Exploration Targets and Exploration Results at the Matilda Gold Project is based on information compiled or reviewed by Mr Bruce Kendall, who is a full-time employee of the Company. Mr Kendall is a Member of the Australian Institute of Geoscientists and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which is 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 Kendall has given consent to the inclusion in the report of the matters based on this information in the form and context in which it appears.

The information contained in the report that relates to Mineral Resources is based on information compiled or reviewed by Mr Marcus Osiejak, who is a full-time employee of the Company. Mr Osiejak, is a Member of the Australian Institute of Mining and Metallurgy and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which is 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 Osiejak has given consent to the inclusion in the report of the matters based on this information in the form and context in which it appears.

With regard to the Matilda/Wiluna Gold Operation Mineral Resources, the Company is not aware of any new information or data that materially affects the information included in this report and that all material assumptions and parameters underpinning Mineral Resource Estimates as reported in the market announcements dated 13 December 2016 and 23 January 2017 continue to apply and have not materially changed.

The information contained in the report that relates to ore reserves at the Matilda Gold Project is based on information compiled or reviewed by Matthew Keenan. Matthew Keenan confirmed that he has read and understood the requirements of the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2012 JORC Edition). He is a Competent Person as defined by the JORC Code 2012 Edition, having five years' experience which is relevant to the style of mineralisation and type of deposit described in the Report, and to the activity for which he is accepting responsibility. He is a Member of The Australasian Institute of Mining and Metallurgy, has reviewed the Report to which this consent statement applies and is an employee working for Entech Pty Ltd having been engaged by Blackham Resources Ltd to prepare the documentation for the Matilda Gold Project on which the Report is based, for the period ended 17 June 2016. He disclosed to the reporting company the full nature of the relationship between himself and the company, including any issue that could be perceived by investors as a conflict of interest. He verifies that the Report is based on and fairly and accurately reflects in the form and context in which it appears, the information in his supporting documentation relating to Ore Reserves.

Appendix: Gold Reserves

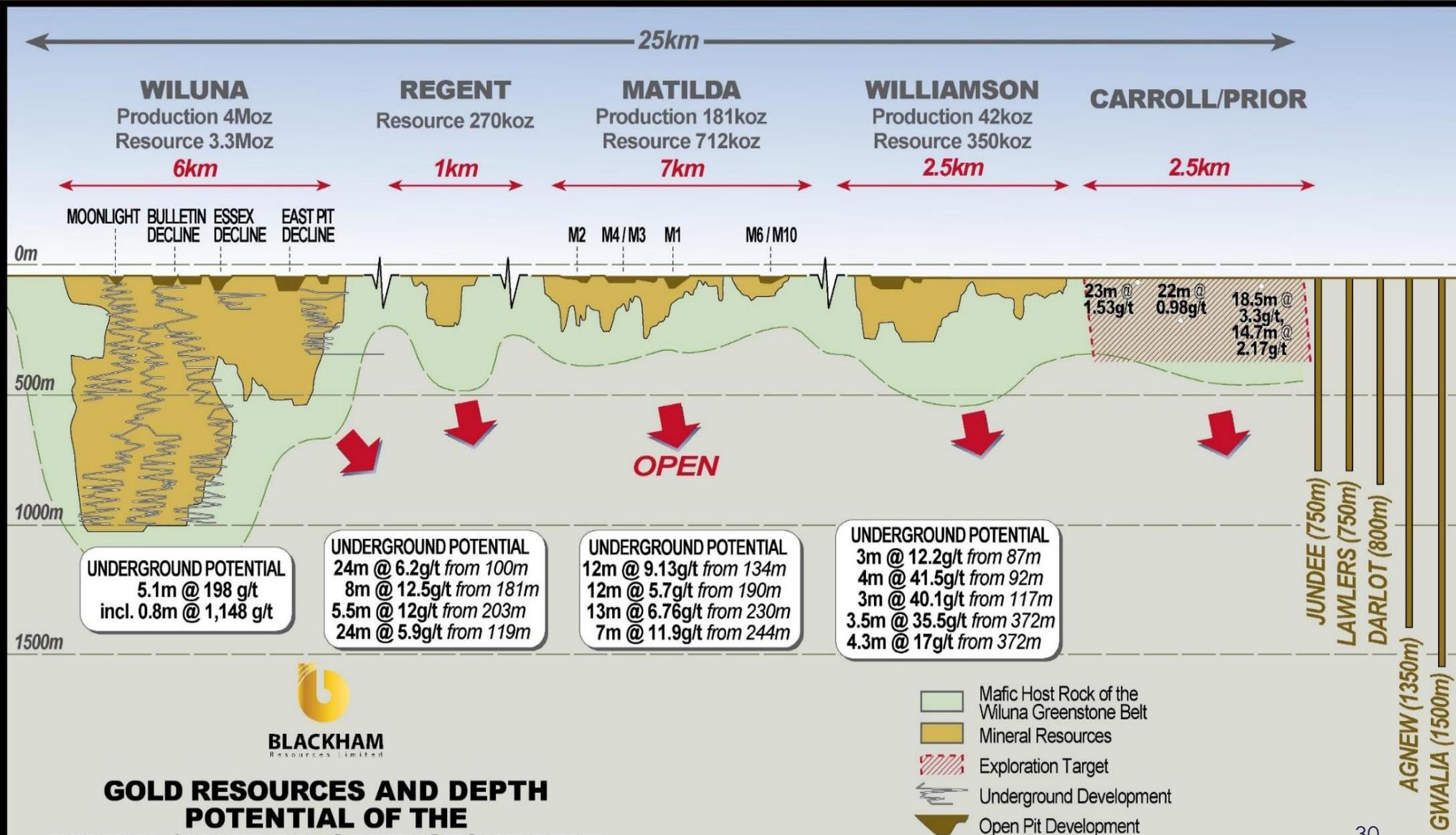


Mine	Category	Tonnes	Mined g/t	Reserve Oz
Matilda Mine	Proven	195,000	1.9	12,000
Matilda Mine	Probable	3,297,000	1.8	192,000
Golden Age	Probable	112,000	6.0	21,000
Galaxy	Probable	338,000	2.8	30,000
Williamson	Probable	1,517,000	1.4	69,000
Bulletin Sulphides	Probable	938,000	4.7	142,000
East-West Sulphides	Probable	516,000	5.2	87,000
Stockpiles	Probable	124,000	1.7	7,000
Total Proven Reserves		195,000	1.9	12,000
Total Probable Reserves		6,842,000	2.5	548,000
Total Reserves		7,037,000	2.5	560,000

Very strong conversion of mining inventory to reserves from scoping through to pre-production

Mineral Reserve estimates are not precise calculations. The figures in the Table above are rounded to two significant figures to reflect the relative uncertainty of the estimate. See 17th June 2016 ASX announcement.

Just Scratching the Surface



4.3Moz Wiluna production & lot more to come



- ▶ Long History of Production +4.3Moz
- ▶ Historical Oxide, Quartz, Tailings ~1Moz
- ▶ BIOX Fitted to Existing Oxide Plant (Comm May 1993)
- ▶ 2007: Project broken up - Wiluna mine assets sold to Apex for \$29.5M
- ▶ Apex spends \$71M on exploration expenditure
- ▶ Nov 2011 Blackham acquires Matilda Gold Project for \$1.4M
- ▶ Mar 2014 Blackham acquires Wiluna plant and mine for \$2.1M upfront and \$2.6M in deferred consideration

