



BLACKHAM
Resources Limited

Matilda gold production next quarter

May 2016

ASX : BLK





BLACKHAM
Resources Limited

NEAR TERM GOLD PRODUCER WITHIN MONTHS



- **+100,000ozpa Matilda Gold Project targeting production by Sept 2016 quarter**
- Feasibility confirms robust economics with low risk start up strategy
NPV_{7%} 195M, IRR 155%, Payback 11mths, EBITDA +\$63Mpa
- 8 year mine life, aiming for 10 years across 4 large geological systems
- Refurbishment of gold plant well advanced
- Mining expected to start in June
- 4.7Moz Au resource & 780km² landholding in Australia's biggest gold belt
- Market cap ~ A\$112M with strong liquidity = A\$20/resource oz

Corporate Information



CAPITAL STRUCTURE

Market cap. @ A\$0.45	A\$112M
Shares on issue	249M
Options @ avg \$0.23/share	37M
Cash & investments @ 31 Mar 2016	A\$26M
Debt @ 31 Mar 2016	A\$13.9M
Undrawn debt facility	A\$23M

SHAREHOLDER ANALYSIS

Top 20	62%
Citicorp Nominees	10.9%
HSBC Nominees	10.5%
Orion Mine Finance	9.9%
National Nominees	4.7%
UBS Nominees	4.5%
Directors & management (fully diluted)	11.0%

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
Paul Murphy	Non-Ex Dep Chairman	Finance & Corporate
Greg Miles	Non-Executive Director	Geology & Feasibility
Peter Rozenauers	Non-Executive Director	Mining Finance & Corporate





Blackham Strategy

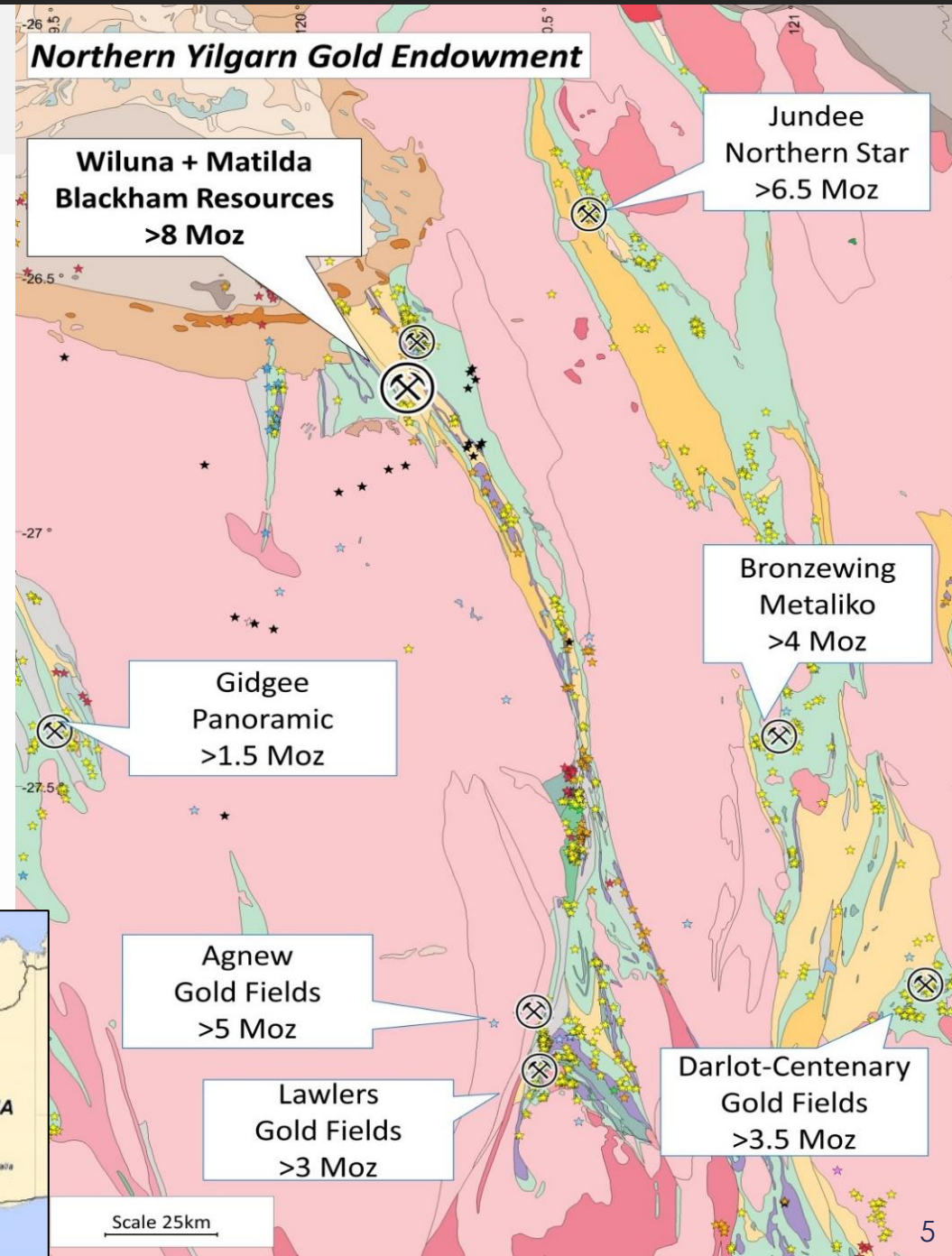
- Australia's next +100,000ozpa gold producer with EBITDA \$63Mpa
- Strengthen and lengthen reserves profile
- Game changing discoveries and opportunistic bolt on acquisitions

Matilda Strategy

- Gold production next quarter from oxides & high grade free milling reefs
- Low risk start up with soft free milling ore will be used to repay debt
- Exploration focused on high grade reefs & base load ore out of Matilda and Lake Way open pits
- Huge optionality of the Wiluna sulphides - 3.3Moz @ 4.6g/t
- Working towards a sustainable long term mine plan
 - 5 year reserves & 8 years including mining inventory
 - **Targeting 10 year mining inventory & long term sustainable operation**
- **Working on options to increase production beyond 100,000ozpa**

Regional Endowment

- Large, highly prospective tenement holding
- Within Australia's largest gold belt stretches from Norseman through Kalgoorlie to Wiluna
- Regional endowment > 40Moz
- Matilda project has global 9Moz endowment including >4.3Moz of past production
- Positioned for new discoveries and economic development of existing resources

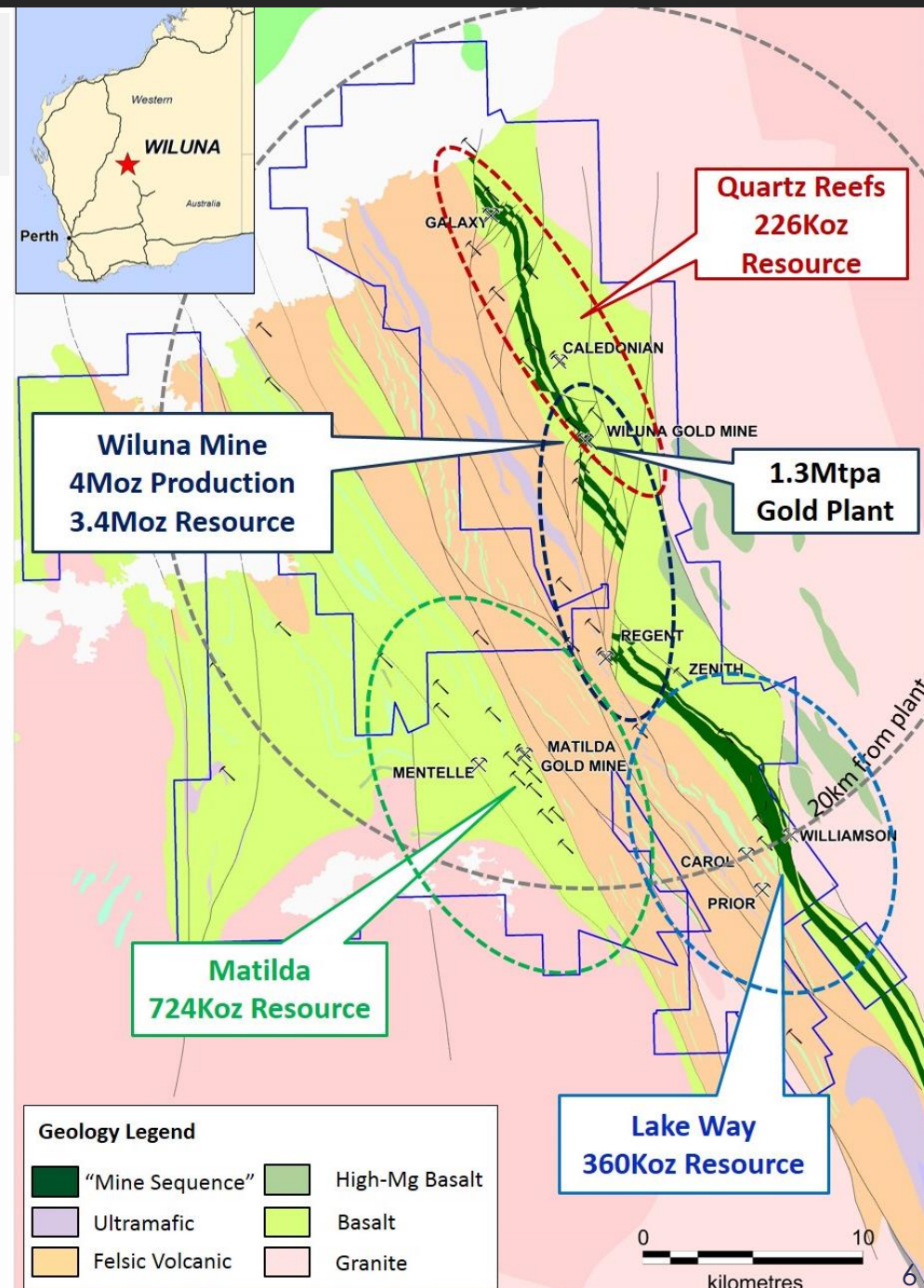


Matilda Gold Project an embarrassment of riches

- Resource **45Mt @ 3.3 g/t for 4.7Moz Au**
– 50% indicated resource level
- Reserves **6.4Mt @ 2.5 g/t for 517,000oz Au**
- Consolidated Wiluna goldfield with all deposits within 20km of plant
- Mix of open pit & high grade UG ore
- +780km² of tenure & 55km of strike
- 4 large geological systems – 3 are under explored

	Past Production	Resources koz	Drilling km's	Strike km's
Matilda	<200koz	724	246	7
Quartz reefs	<300koz	225	73	15
Lake Way	42koz	350	92	9
Wiluna	>4Moz	3,352	1,350	7

- Averaged gold production of 101,000ozpa over the last 27 years of operations



Matilda confirms Robust Economics



+100,000ozpa production in months

Economics

Mine plan	8.5Mt @ 3.0g/t for 833,000oz Au
Reserves	6.4Mt @ 2.5g/t for 517,000oz Au
Gold price	A\$1,600/oz - USD\$1,200/oz & 75c
Payback	11Mths
C1 Cash Costs	A\$850/oz or US\$640/oz
All in Sustaining Costs	A\$1,140/oz or US\$870/oz
Capex	A\$32M
Project cash flow	A\$271M over initial 8 years
NPV _{7%} before corp and tax	A\$195M or \$0.78/share
IRR _{before corp and tax}	155%
EBITDA	A\$63M per annum



Production planned next quarter

* Refer to Announcement of 29 April 2016

Wiluna plant refurbishment is well advanced



- Free milling Plant up to 1.7Mtpa capable of +100kozpa
- Cheap gas power & diesel backup
- Permitted borefields and water solution in place
- 350 room village – 100 rooms available & 180 under refurbished
- Sealed airstrip and roads
- Biox circuit capable of treating 800tpa refractory ores
- UG infrastructure already in place
- Most operating approvals and licenses in place
- **Existing infrastructure minimizes capex, risk and development**
- **Refurbishing the gold plant well advanced**





Matilda Progress to date

- Mar 2014, acquired gold plant and mine and consolidated the Wiluna Goldfield
- Dec 2014, published scoping study - Mineral Inventory **5.0Mt @ 2.8g/t for 454,000oz Au**
- June 2015, BLK completed \$38.5M deal with Orion Mine Finance in June 2014
- Oct 2015, released PFS growing the Mineral Inventory to **6.0Mt @ 2.8g/t for 540,000oz Au**
- **DFS published in Feb 2016 and optimised in April 2016**
 - Mineral Inventory **8.5Mt @ 3.0g/t for 826,000oz Au**
 - Reserves **6.5Mt @ 2.5g/t for 517,000oz Au**
 - Very strong conversion of Mineral Inventory to Reserves
- **DFS completed within 7 months** of receiving the funds from the Orion deal

Matilda Development & Operating Plan

- Further reserve upgrades expected prior to production. Limited drilling by BLK to date.
- Q3, 2016 commencing safe efficient operations
- Continue to improve and optimise operations and mine plan
- Increase reserves and mine inventory from vast and diversified resource base

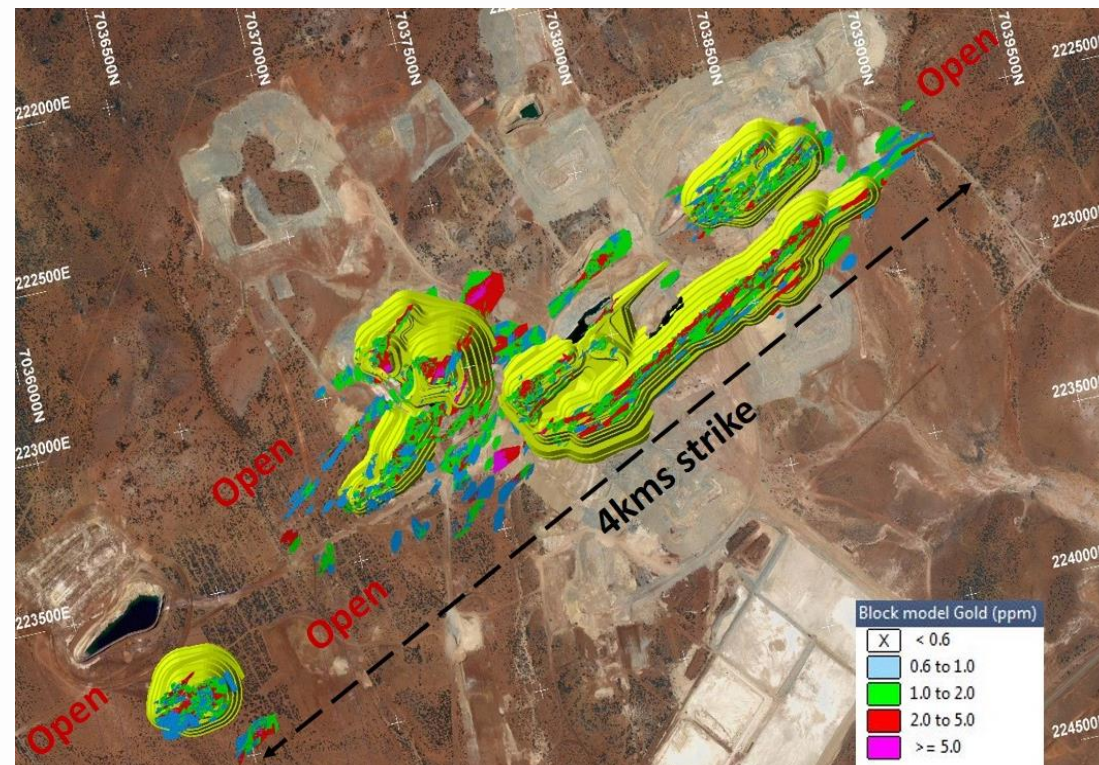
Matilda Mine – base load ore and growing



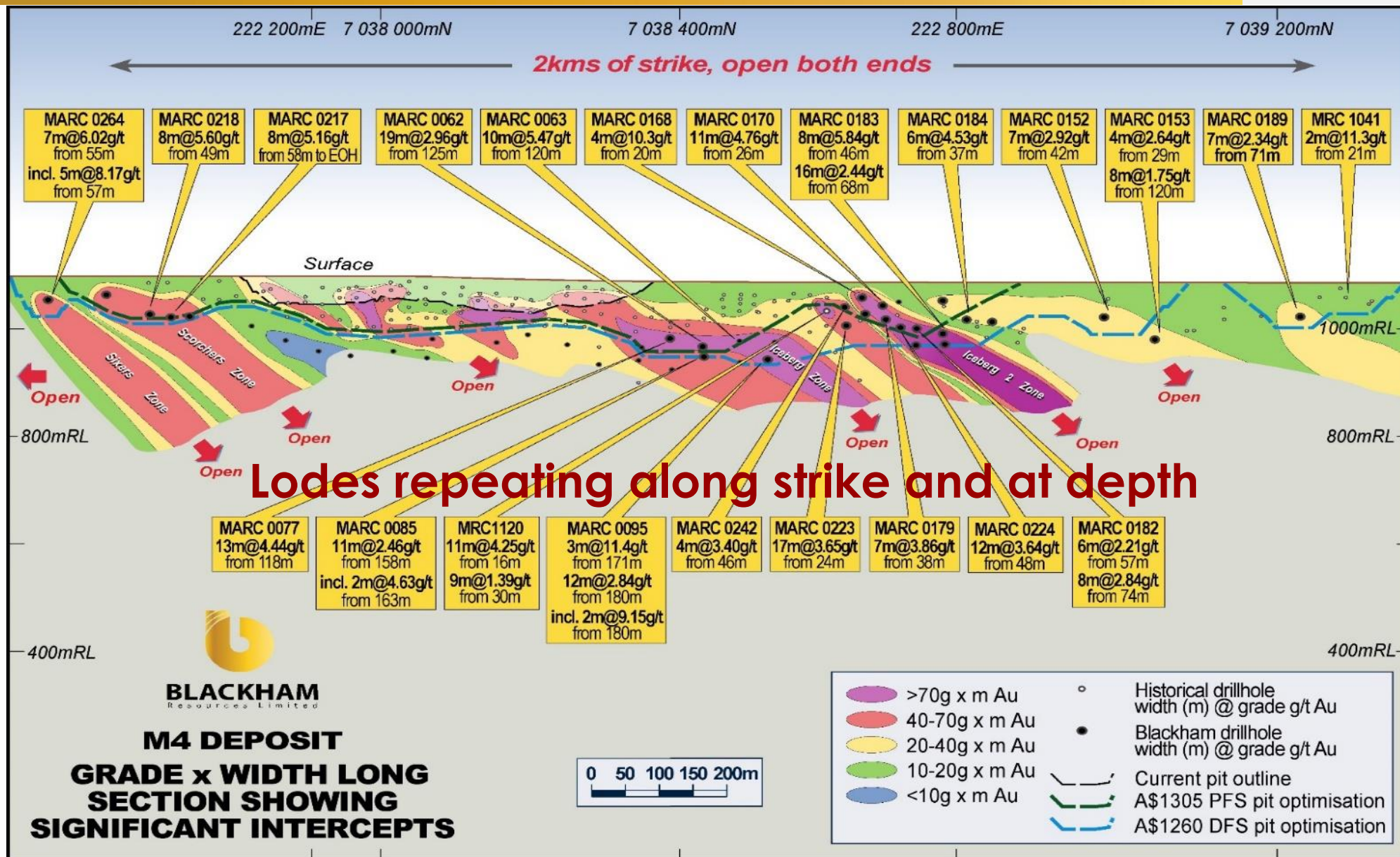
- 10kms stacked, repeating gold lodes
- Soft, deeply weathered oxide ore
- Ineffective historical RAB requiring RC follow up along strike and at depth
- Production (1987-1993):
 - 2.2 Mt@ 2.6g/t = 181,000oz au
- Mineral Inventory continues to grow
 - 3.0Mt @ 1.8g/t for 190,000oz Au
 - 93% indicated resource
 - Gravity & leach recoveries 93%
 - Soft rock and ore with significant free digging

Important source of large tonnage base load ore capable of 80,000ozpa

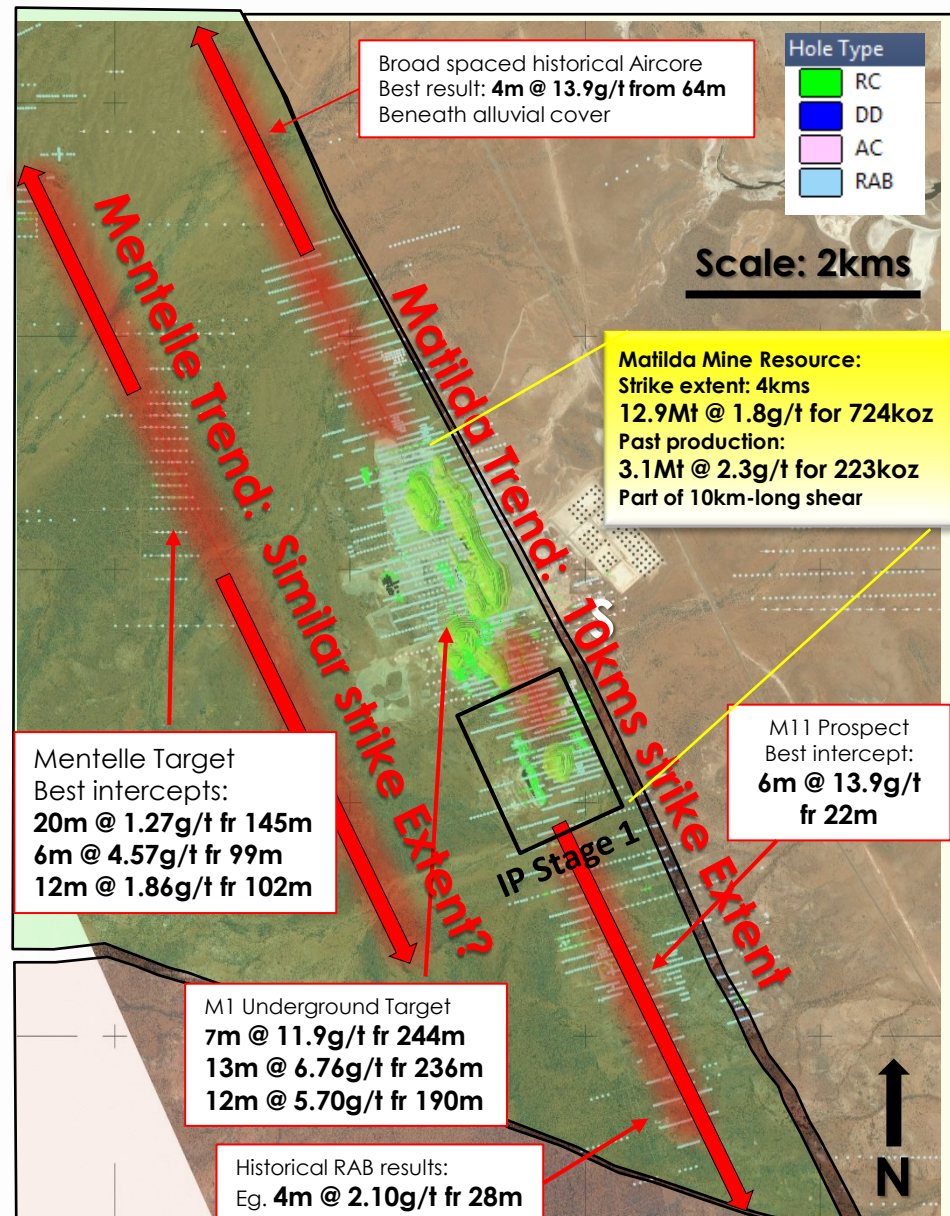
RESOURCES	Mt	g/t Au	Oz Au
Measured	0.2	2.1	14,000
Indicated	7.4	1.8	425,000
Inferred	5.3	1.7	285,000
TOTAL	12.9	1.8	724,000



Matilda - high grade shallow repeating lodes

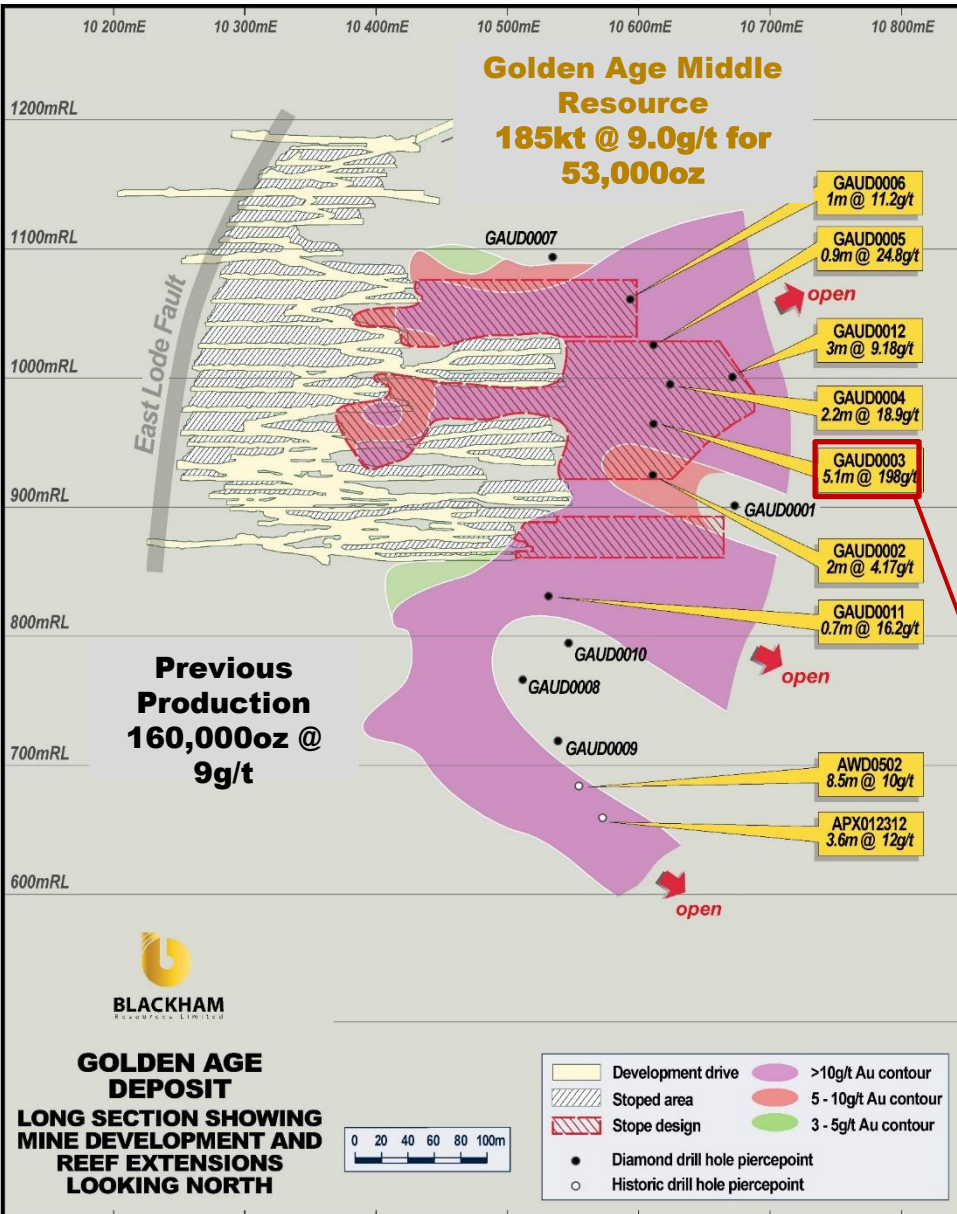


Matilda regional stacking & repeating lodes



- **>10kms of prospective shear zone**
- Historical drilling identified mineralisation up to 3km from the mine area
- **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 M1-M6-M10**
- **Large RAB program to test basement**
- **Targeting new Matilda-sized mine ~ 1Moz**

Golden Age – High grade quartz reef

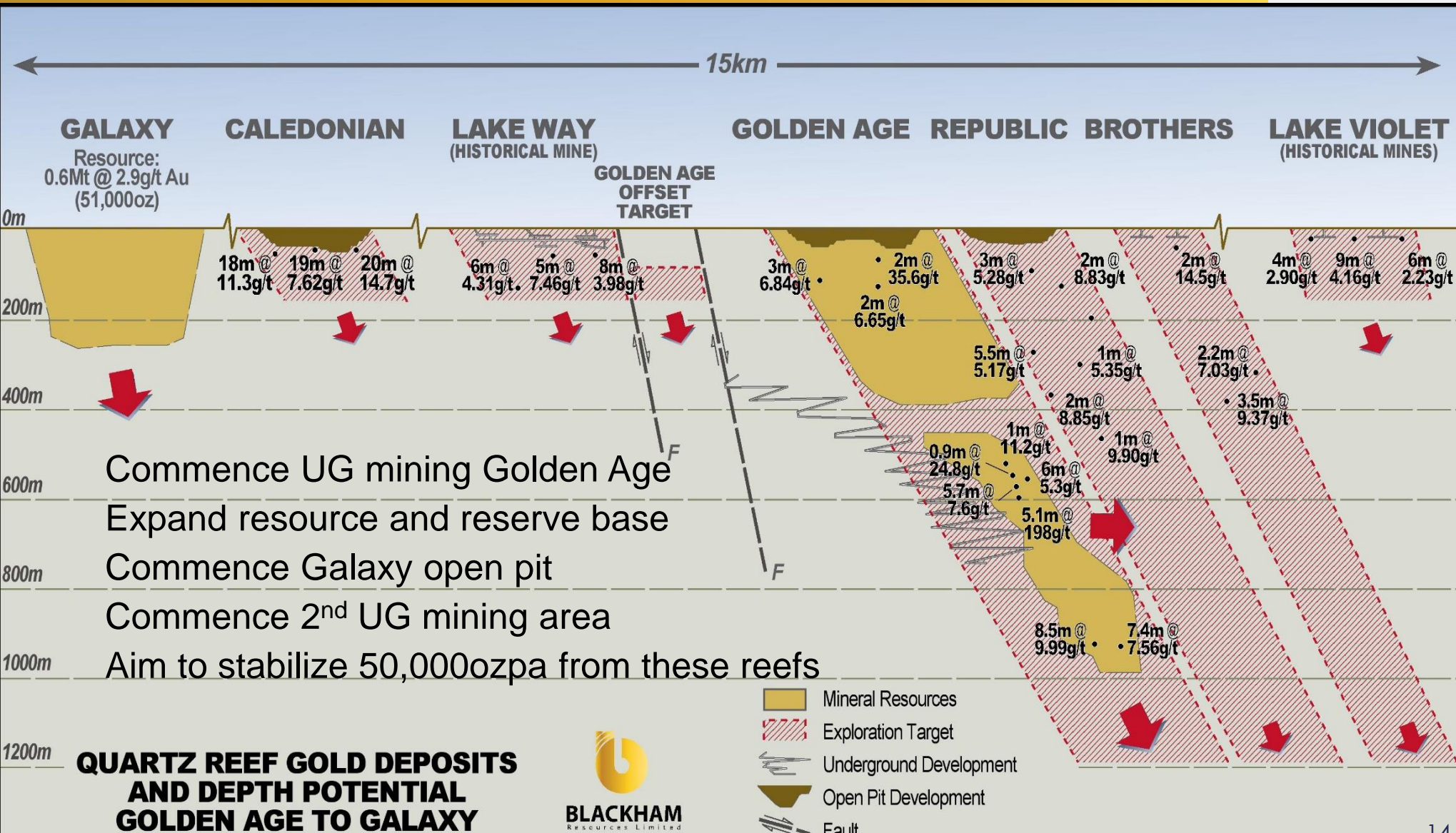


- Produced 160,000oz Au @ 9.0g/t
- Middle Resource **183kt @ 9.0g/t for 53,000oz**
- Drill composites in middle average 14.0g/t**
- DFS gravity leach recovery 93%
- Approvals in place
- UG Mining to commence in July

RESOURCES	Kt	g/t	Koz
		Au	Au
Indicated	361	5.3	62
Inferred	703	3.9	88
TOTAL	1,064	4.4	150



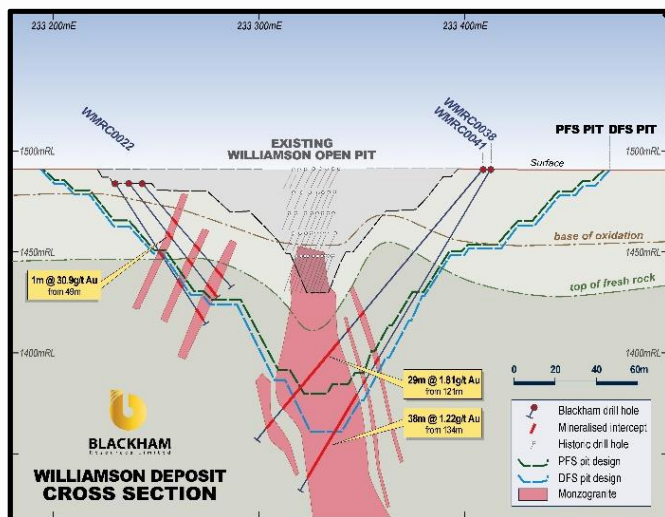
High grade quartz reefs strategy



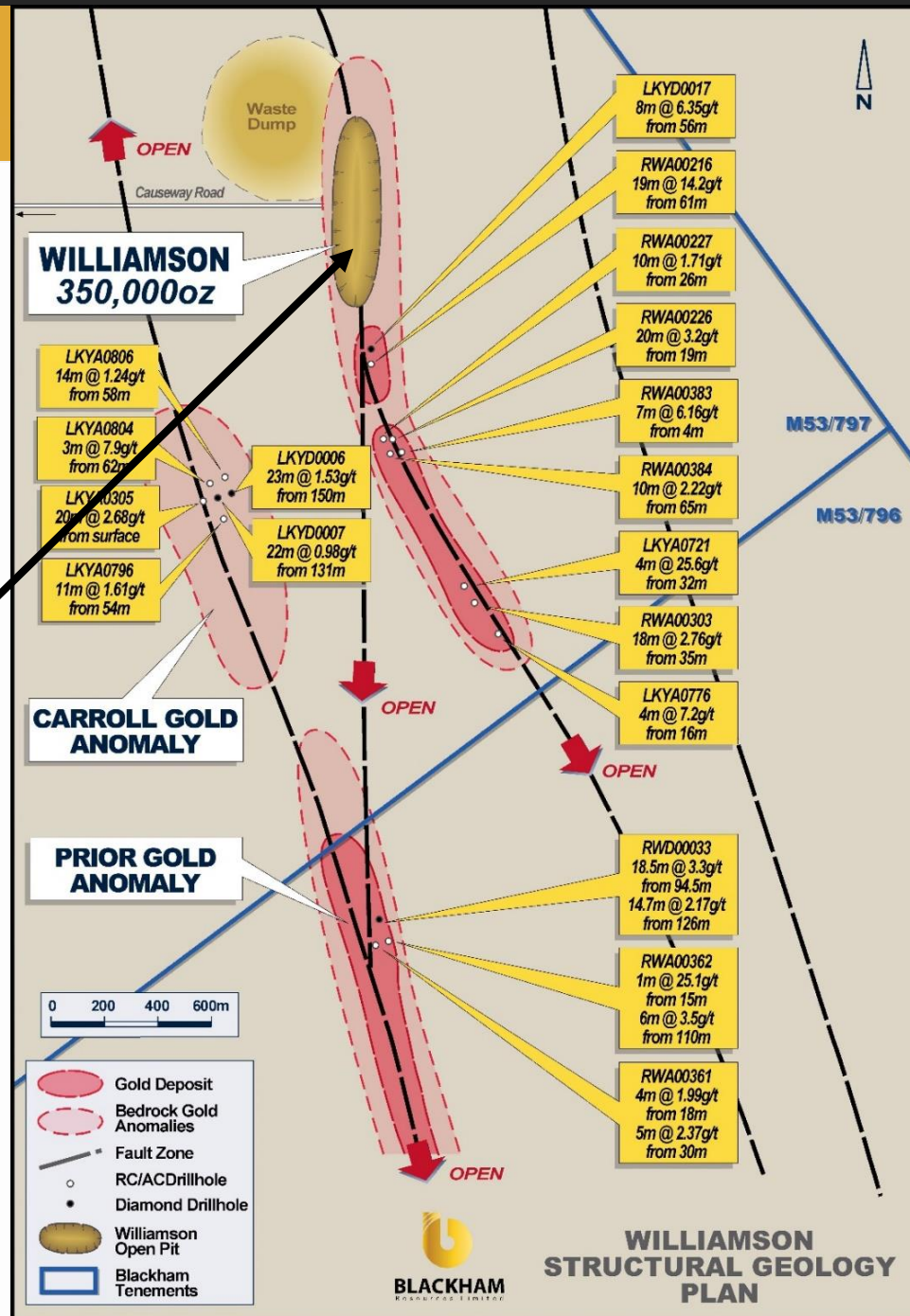
Lake Way - large mineralized system

- 19km south along strike from Wiluna
- large tonnage potential** Williamson
- historically 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

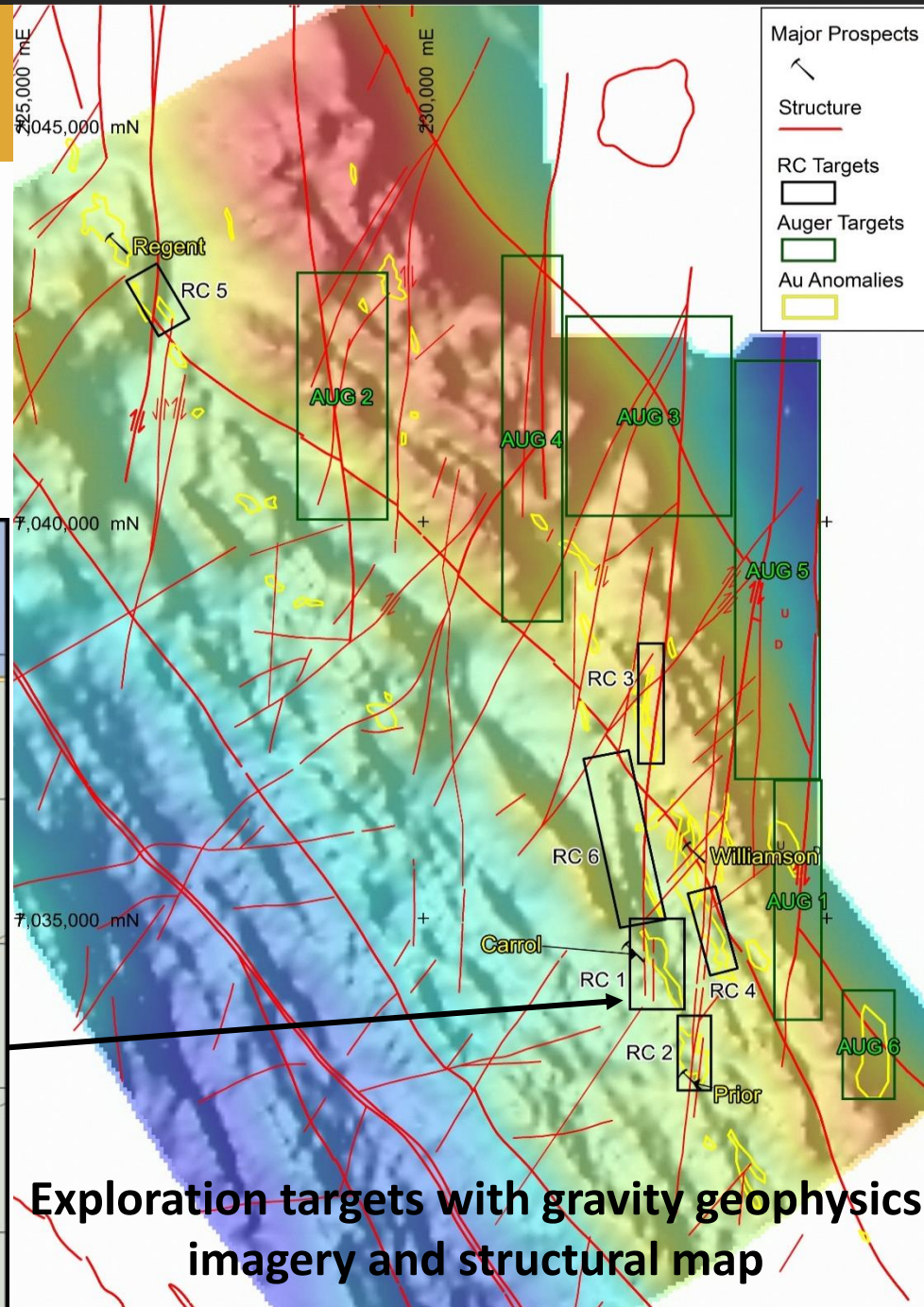
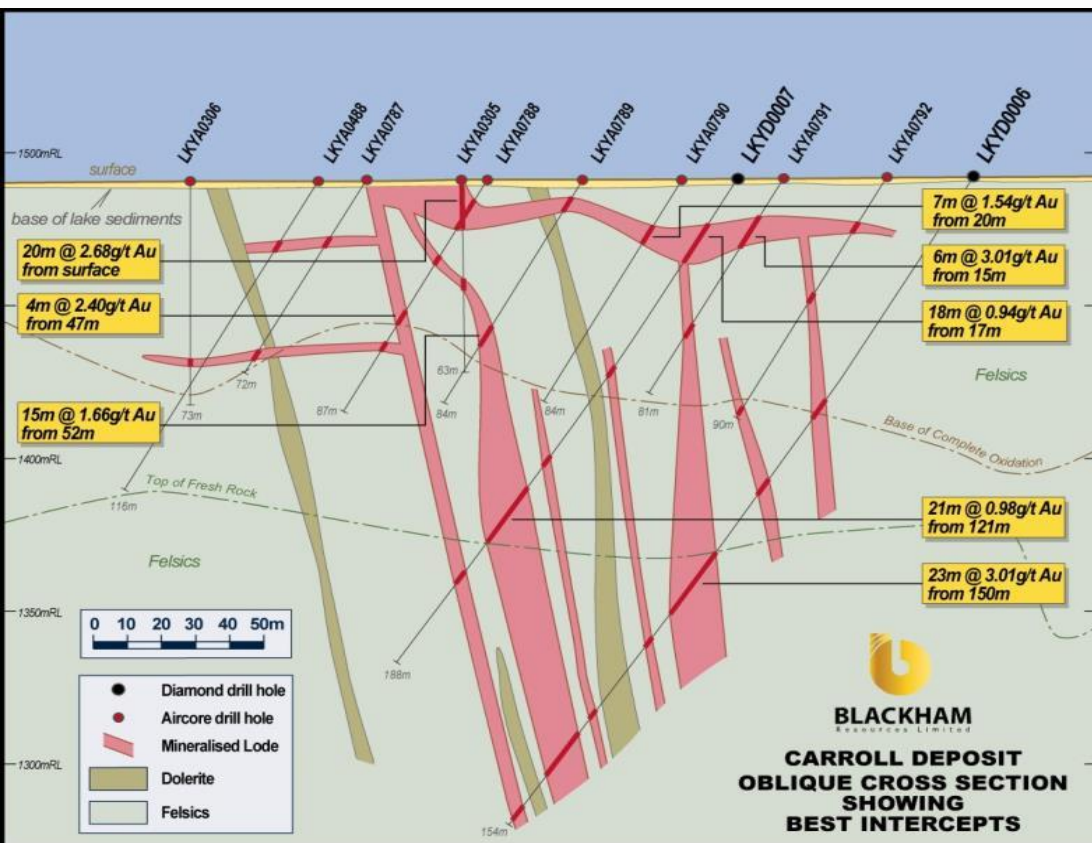


RESOURCES	Mt	g/t Au	Oz Au
Indicated	3.3	1.6	170,000
Inferred	3.8	1.6	190,000
TOTAL	7.0	1.6	360,000



Lake Way large tonnage potential

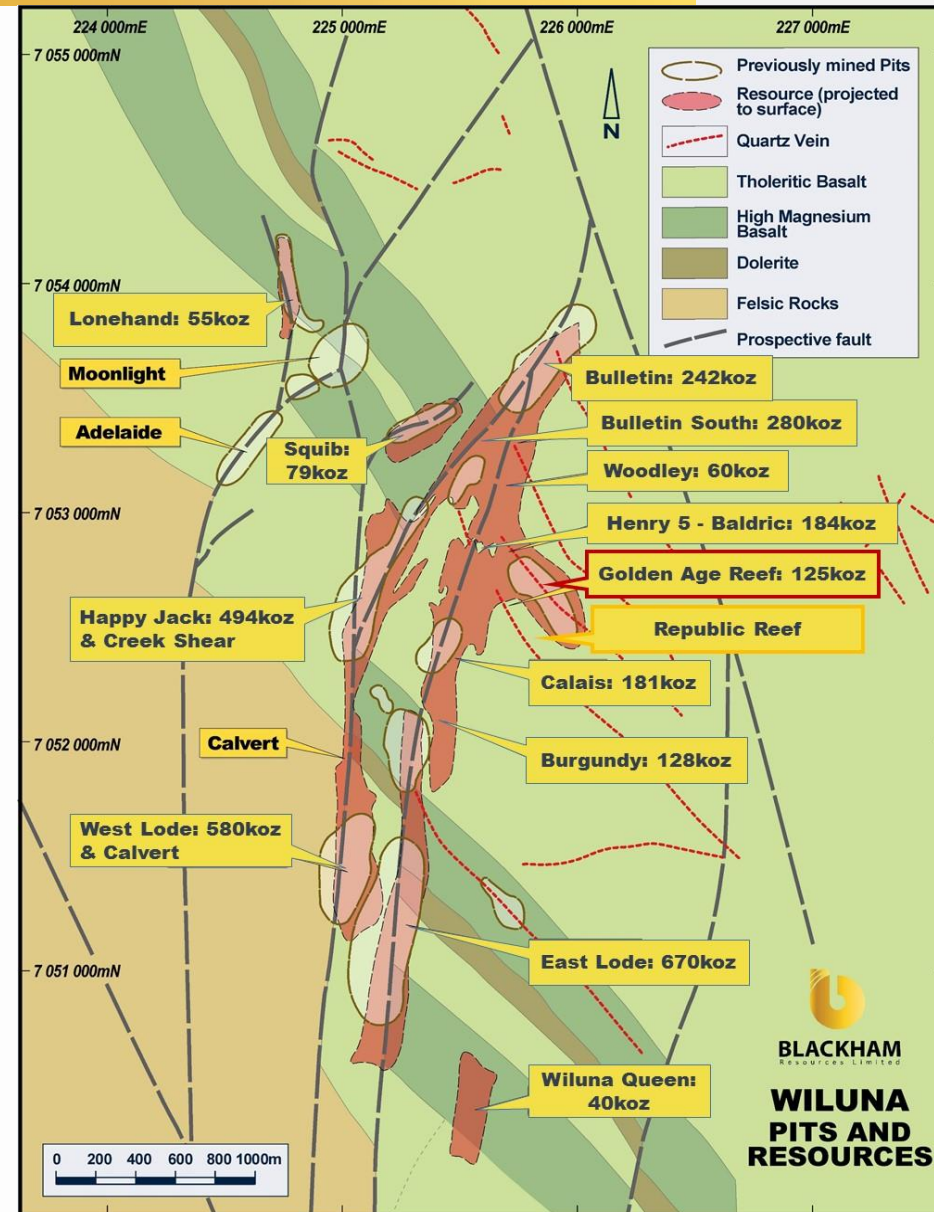
- 2.5kms of strike with continuous mineralisation
- Potential large tonnage, near surface
- SAM's surveys defined structure. Existing auger & air core. Gravity and seismic surveys competed
- Very limited drilling into primary mineralisation



Stage 2 - High grade Wiluna sulphide ores a big prize



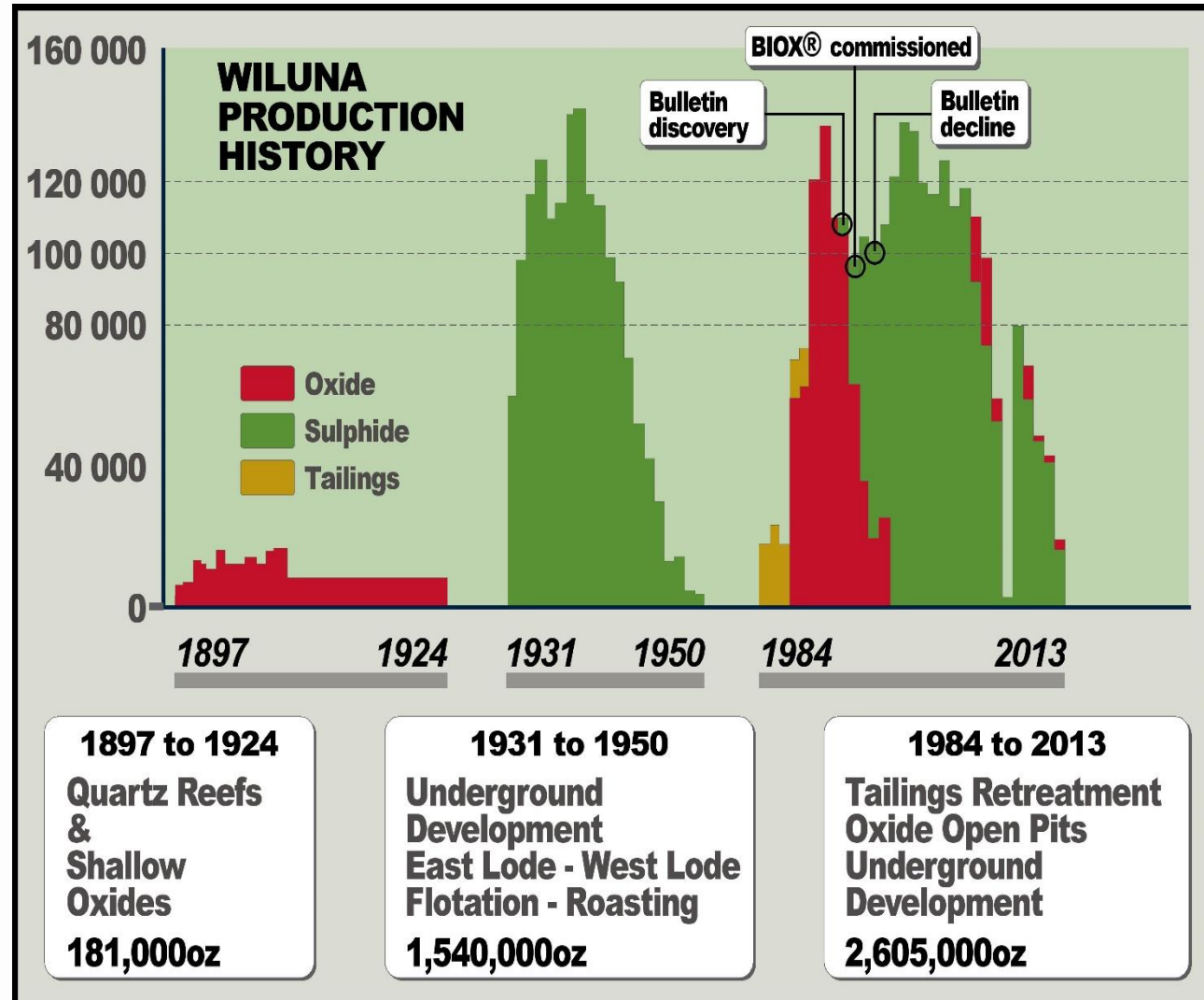
- Sulphide resources - 22Mt @ 4.6g/t for 3.3Moz
 - 2g/t bottom cut
- Underground 11Mt @ 6.3g/t for 2.3Moz
 - 4g/t bottom cut
- Limited drilling required with 50% of resources indicated
- Substantial mine development in place
- 83% average recoveries over last 20 years
 - Opportunities to improve floatation recoveries – test work ongoing
- Operating history gives good understanding of costs
- **DFS confirms sulphides are economic**
 - **AISC A\$1,150/oz**



HISTORY OF WILUNA MINE & PLANT



- ▶ Long History of Production +4.3Moz
- ▶ Historical Oxide, Quartz, Tailings ~1Moz
 - 1897 – 1924 Oxide & Quartz 186,000oz
 - 1984 – 1993 Oxide & Tailings 770,000oz
- ▶ BIOX Fitted to Existing Oxide Plant (Com 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
- ▶ Blackham targeting production >100,000ozpa by Q3, 2016



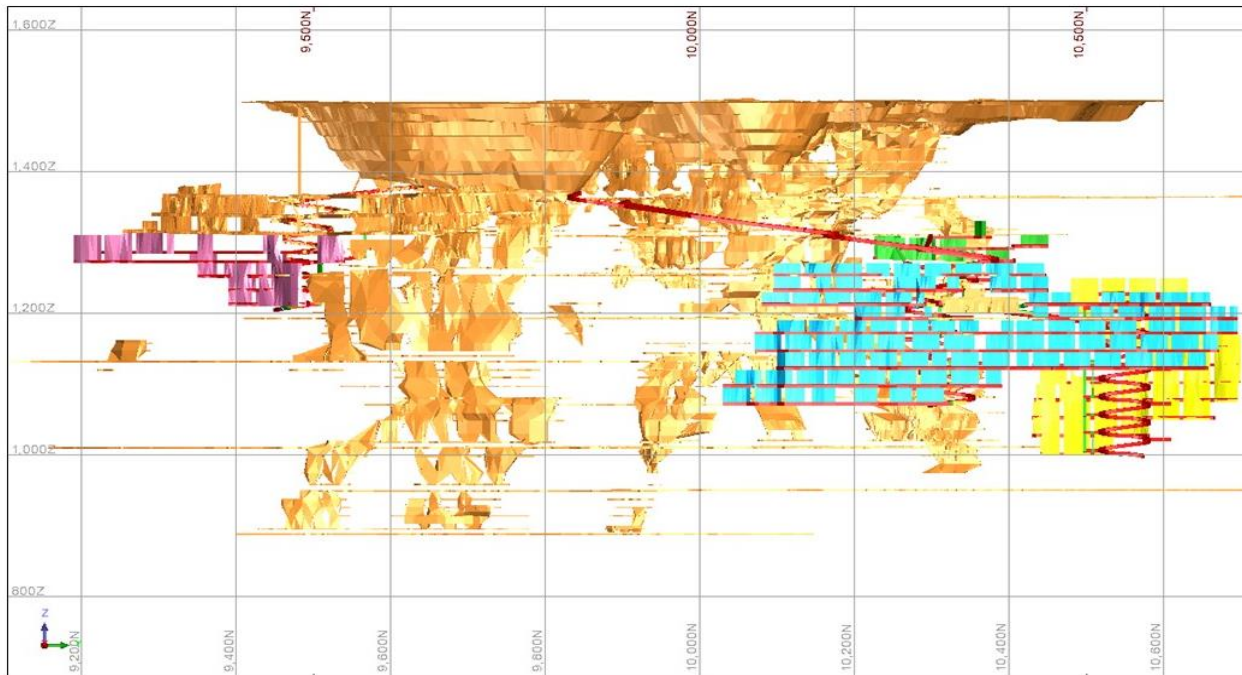
Bulletin UG and East West mining solutions



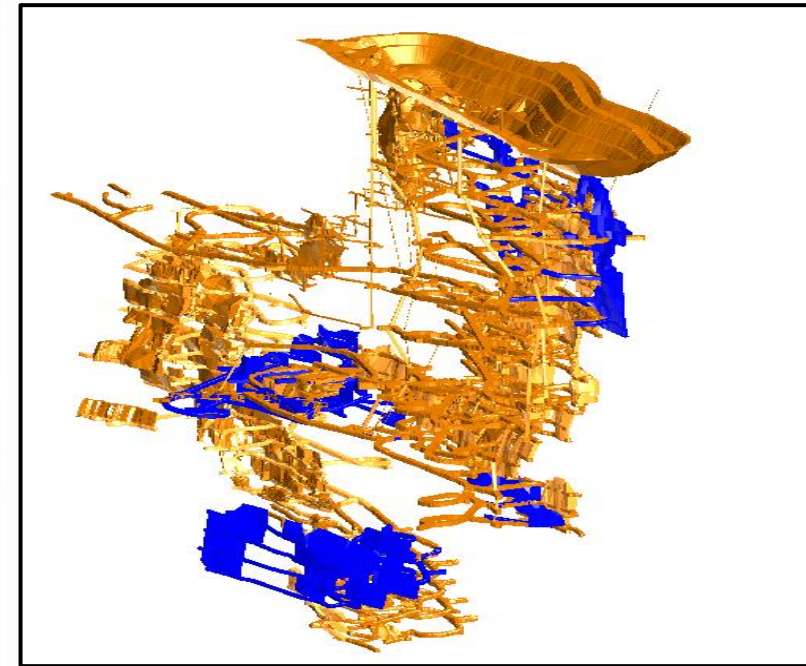
2 declines <600m deep with short haul to surface
Long hole open stoping with 5.0g/t diluted ore grade
Leveraging off development chasing the ore laterally

DFS confirms economics 4 month payback

Limited drilling and mining studies ongoing to grow the reserves

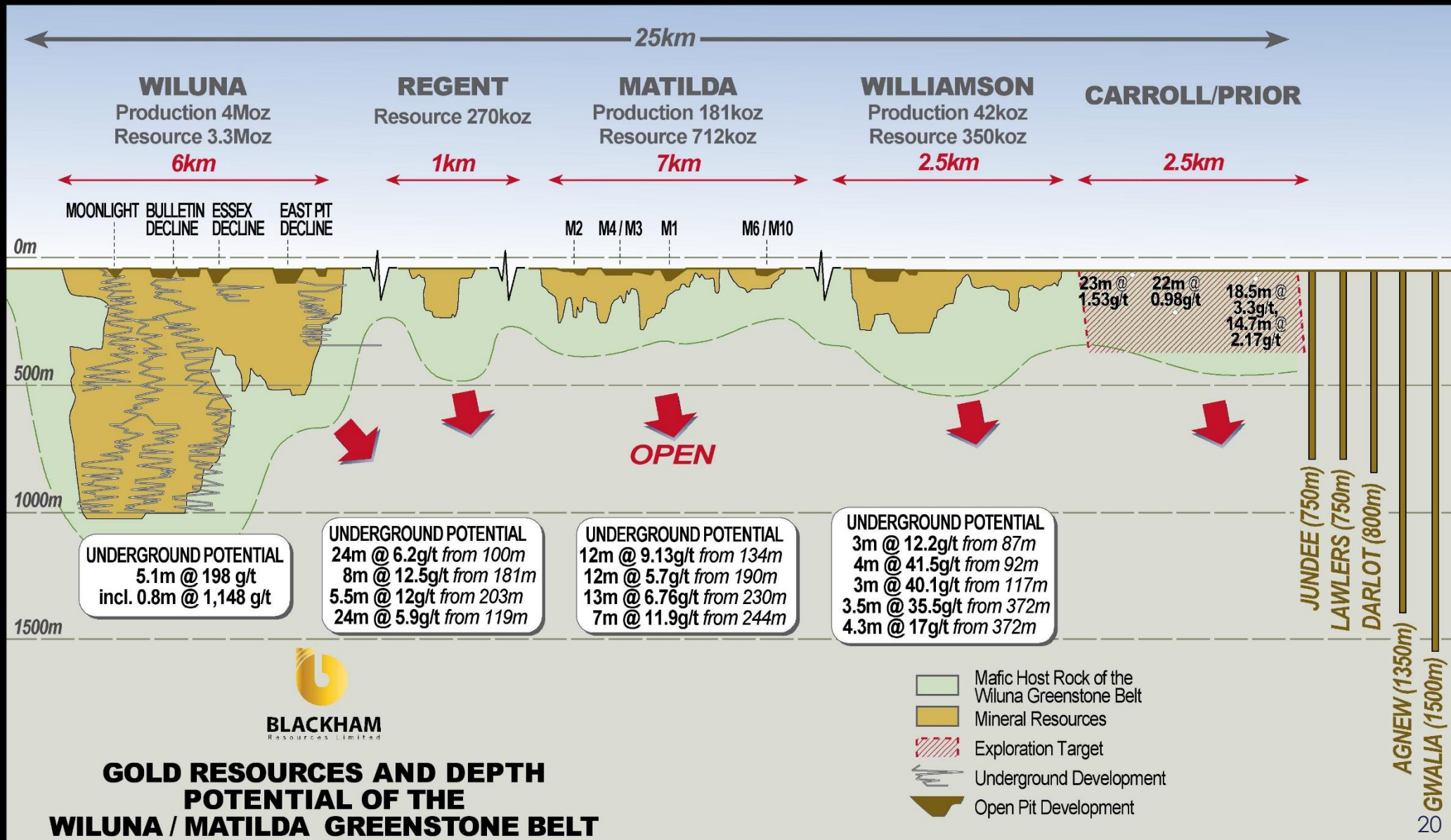


East West long section looking west showing old stopes and UG mine design



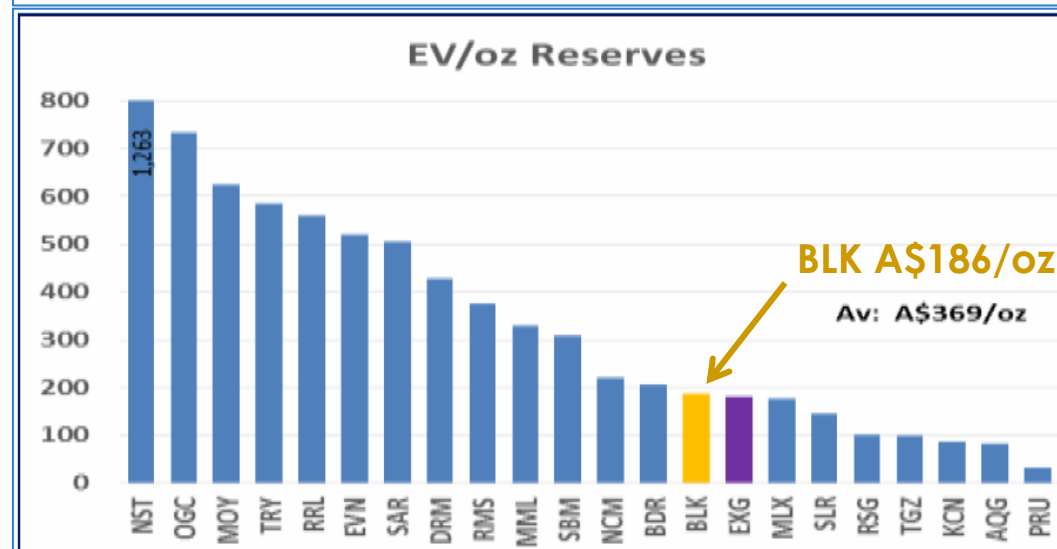
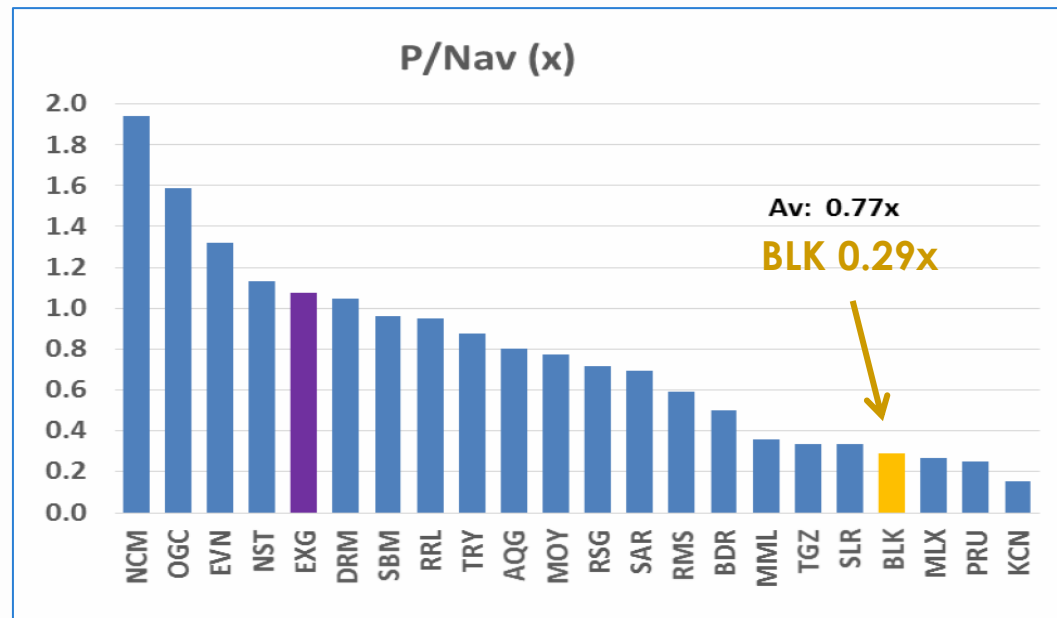
Oblique section looking south west - Bulletin UG mine design

Just scratching the surface



GOLD RESOURCES AND DEPTH POTENTIAL OF THE WILUNA / MATILDA GREENSTONE BELT

Australian Gold Producer Peers



Blackham's Matilda Vision



- Blackham is focused on its 100% owned 4.7Moz Matilda Gold Project in Western Australian
- +100,000ozpa¹ gold production with low risk start up
- 5 years reserves & 8 years in mine plan and growing
- Low capital – A\$32M and production inside 6 months
- High return opportunity for shareholders EBITDA +\$63Mpa
- **Target production by Sept 2016 quarter**
- **Working on options to increase production beyond 100,000ozpa**



Disclaimers & 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 Cain Fogarty, who is a full-time employee of the Company. Mr Fogarty 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 Fogarty 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 Gold Project 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 14th March 2016 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 23 February 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.

Directors & Management



Mr Milan Jerkovic Non-Executive Chairman Corporate & Mining

Mr Jerkovic has over 30 years of experience in the mining industry. His skill set will contribute geological appraisal, mine development and financial markets experience. Mr Jerkovic was CEO of Straits Resources Limited and has held positions with WMC, BHP, Nord Pacific, Hargraves and Tritton. Mr Jerkovic was the Chairman of Straits Asia Resources and saw the company through its substantial growth phase until its successful takeover. Milan's gold operations experience includes Kurrara Gold Mines, Hillgrove Gold, Browns Creek and Mt Muro.

Bryan Dixon Managing Director Corporate & Mining

Bryan's skills and experience include project acquisition, mine development and financing. Has been involved in development and financing of 3 gold mines. Having previously worked with KPMG, Resolute Limited and Archipelago Resources Plc, he has substantial experience in the mining sector and the management of listed public companies.

Alan Thom Executive Director & COO Mining Engineer

Alan, a mining engineer, has extensive mining experience. He holds a Western Australian First Class Mine Managers Certificate and has held statutory mine and management positions for Newmont in both underground and open-pit operations at Jundee and Bronzewing. Alan has managed a number of definitive and bankable feasibility studies for significant resource projects.

Paul Murphy Non-Exec Deputy Chairman Banking & Finance

Mr Murphy is a former banker with extensive experience in finance, strong relationships within the banking, finance and broking community as well as an impeccable reputation in the industry

Greg Miles Non Executive Director Geologist

Greg graduated as a geologist and has since worked in a number of different commodities and mineral provinces across a broad portfolio of grass-roots to development projects. Professional highlights include involvement in the discovery of the 2.3Moz Centenary Deposit at the Darlot Gold Mine in WA.

Peter Rozenauers Non-Executive Director Banking & Finance

Mr. Rozenauers has extensive experience in commodities, equities and FX. Peter earned a BEng (Honours 1) in Mining from the University of NSW and a Masters in Applied Finance from the University of Technology Sydney.

Mr Richard Boffey, Matilda General Manager Mining Engineer

Mr Boffey is a mining executive with over 26 years' experience specialising in mining project start-ups, mine management, feasibilities and continuous improvement. He has a successful track record of delivering mining projects through the various phases of planning, permitting, construction and full operations including Efemcukuru Gold Mine in Turkey (Eldorado) and the Wallaby UG project for Granny Smith Mines.

Mr Bruce Kendall, Chief Geological Officer

Mr Kendall has over 20 years' experience in managing greenfields and brownfields exploration in gold and base metals. He was a joint winner of the 2012 AMEC Prospector of the Year and has previously been employed by the Independence Group, Jabiru Metals and AngloGold Ashanti.

Mr Jeff Dawkins, CFO

Mr Dawkins is a Chartered Accountant with 25 years' experience predominantly in the mining sector. Previously, Jeff was CFO of Hanking Gold Mining as they re-commissioned the Marvel Loch Gold Project. He was CFO of Archipelago Resources as it successfully developed and transitioned into production the Toka Tindung Gold Project in Indonesia.

Mike Robbins Company Secretary

Mr Robbins has well over 20 years resource industry experience gathered at both operational and corporate levels within Australia and overseas.

Stewart McCallion, Plant Refurbishment Manager

Stewart has worked on gold mining projects in Burkina Faso, Ghana, Laos, Sweden and Western Australia (Paddington, Kanowna Belle & Thunderbox). Stewart has held senior engineering & management roles from feasibility to detailed engineering and construction, commissioning, operations & closure.

Craig Bartle Plant & Metallurgical Manager

Craig Bartle is a metallurgist with extensive experience in the resources industry. He was a senior metallurgist at Wiluna for Apex, Oxiana, and Agincourt Resources and previously worked at Beaconsfield gold mine.

Cain Fogarty Exploration Manager

Mr Fogarty has broad experience in greenfields and near-mine exploration, in Australia and internationally. Previously, Mr Fogarty has worked with Barrick Gold Corp, Equinox Minerals and CSA Global.

Appendix A: Gold Resources



Mining Centre	Matilda Gold Project Resource Summary											
	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	0.2	2.1	13	7.4	1.8	426	5.3	1.7	285	12.9	1.8	724
Golden Age				0.4	4.5	62	0.7	3.5	88	1.1	4.4	150
Galaxy				0.4	3.0	38	0.4	2.2	28	0.8	2.6	66
Williamson Mine				3.3	1.6	170	3.8	1.6	190	7.0	1.6	360
Regent				0.7	2.7	61	3.1	2.1	210	3.9	2.2	270
Bulletin Upper				0.9	4.2	120	0.7	5.5	130	1.6	4.8	250
Henry 5 - Woodley - Bulletin Deeps				2.1	5.9	400	0.8	4.6	120	2.9	5.6	520
Happy Jack - Creek Shear Upper				0.1	2.2	7	0.4	3.2	46	0.5	3.0	53
Happy Jack - Creek Shear Lower				1.5	5.9	290	1.3	4.8	200	2.9	5.4	490
East Lode				1.0	5.2	170	2.3	4.7	340	3.3	4.8	510
West Lode				1.4	5.5	240	2.8	5.2	460	4.2	5.3	700
Burgundy - Calais				1.3	6.0	250	0.3	5.7	60	1.6	6.0	310
Other Wiluna Deposits				0.8	4.3	106	1.5	4.0	195	2.3	4.1	301
Total	0.2	2.1	13	21	3.4	2,340	23	3.1	2,352	45	3.3	4,704

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 14th February 2016 ASX announcement.

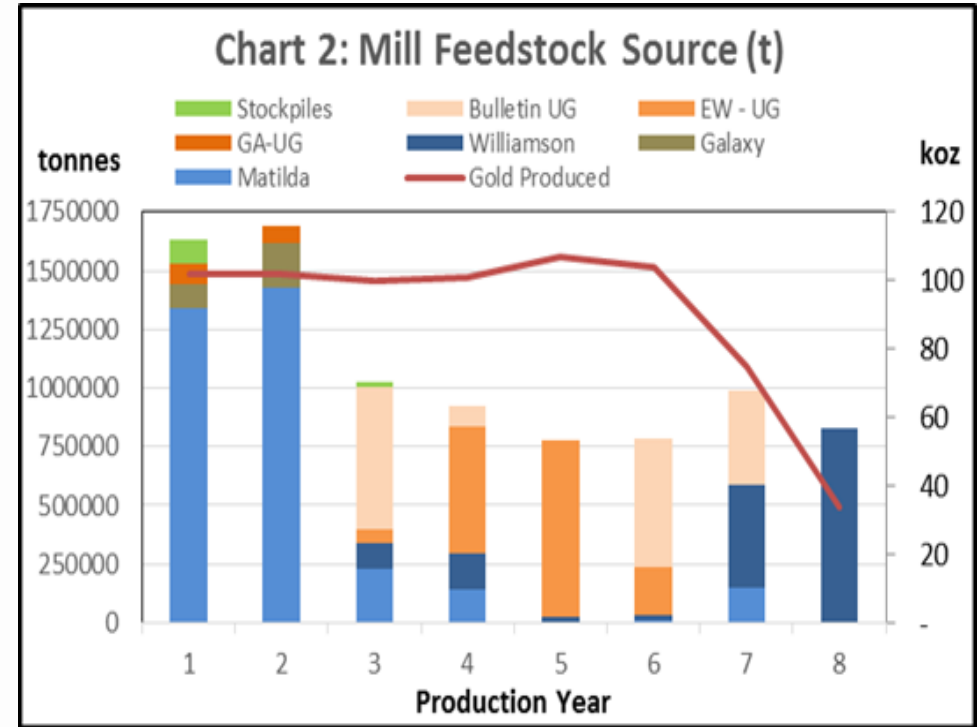
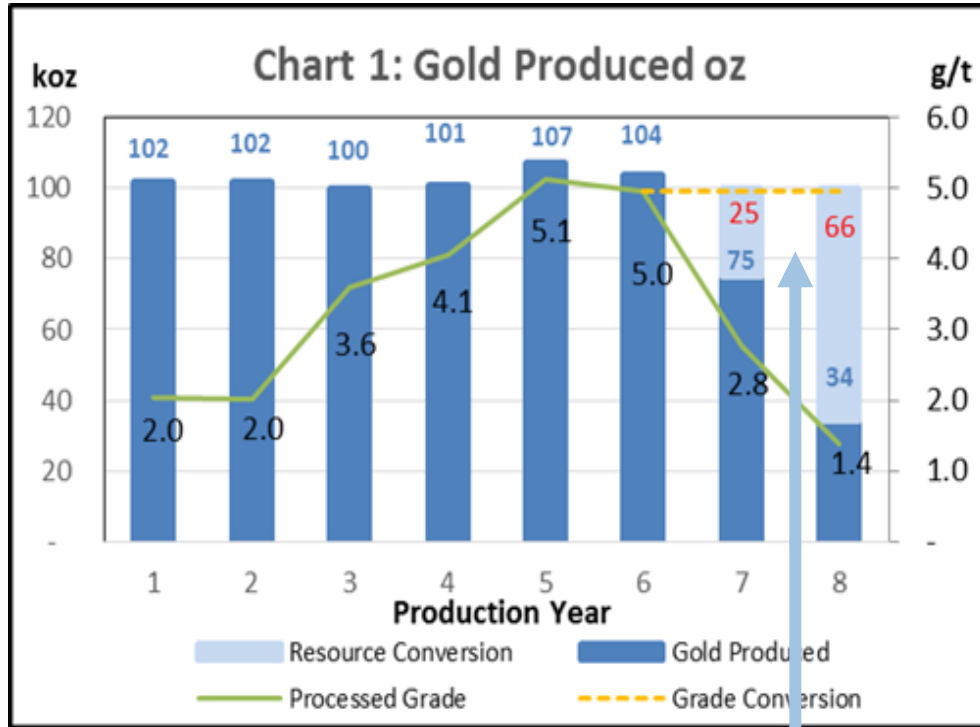


Table 1: Matilda Gold Project Reserves				
Mine	Category	Tonnes	Mined g/t	Reserve Oz
Matilda Mine	Proven	175,000	1.90	11,000
Matilda Mine	Probable	2,799,000	1.80	164,000
Golden Age	Probable	110,000	5.10	18,000
Galaxy	Probable	259,000	2.80	23,000
Williamson	Probable	1,433,000	1.40	65,000
Bulletin Sulphides	Probable	938,000	4.70	142,000
East-West Sulphides	Probable	516,000	5.20	87,000
Stockpiles	Probable	124,000	1.70	7,000
Total Proven Reserves		175,000	1.90	11,000
Total Probable Reserves		6,179,000	2.50	506,000
Total Reserves		6,354,000	2.50	517,000

**Very strong conversion of mining inventory to reserves
from scoping through feasibility**

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 24th February 2016 ASX announcement.

Aiming for sustainable mine plan



Resource to reserve conversion ongoing

Mine plan growing and improving in quality



Period Ending		Production Years								Total
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	
Surface Mining										
Waste Mined	BCM	11,663,193	7,795,674	4,765,761	97,652	-	-	-	-	24,322,280
Ore Mined	BCM	851,733	659,943	539,981	181,059	-	-	-	-	2,232,716
Ore Mined	t	1,814,893	1,440,971	1,385,447	503,494	-	-	-	-	5,144,805
Total Movement	BCM	12,514,926	8,455,617	5,305,742	278,711	-	-	-	-	26,554,996
Strip Ratio	Waste:Ore BCM	13.7	11.8	8.8	0.5	-	-	-	-	10.9
Grade Mined	g/t	1.8	1.9	1.6	1.5	-	-	-	-	1.7
Underground Mining										
Ore Mined	t	88,926	106,994	651,098	726,768	930,145	475,731	391,692	-	3,371,353
Grade Mined	g/t	5.3	5.6	4.7	5.1	5.2	5.1	4.5	-	5.0
Processing										
Tonnes Processed	t	1,631,746	1,692,021	1,026,286	924,878	777,837	784,717	991,435	829,005	8,657,925
Grade Processed	g/t	2.0	2.0	3.6	4.1	5.1	5.0	2.8	1.4	3.0
Recovery	%	95%	93%	84%	84%	83%	83%	85%	92%	86.9%
Recovered Grade Processed	g/t	1.9	1.9	3.0	3.4	4.3	4.1	2.3	1.3	2.6
Recovered Ounces	oz	101,640	101,596	100,268	101,050	106,773	104,434	74,545	33,894	724,200