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bannermanresources.com.au

#### **ASX** Announcement

21 April 2021

Australian Securities Exchange Level 40, Central Park 152-158 St Georges Terrace Perth WA 6000

Dear Sir/Madam

#### **BROKER BRIEFING INVESTOR WEBINAR**

Bannerman Resources Limited (ASX: BMN, OTCQB: BNNLF, NSX: BMN) (Bannerman or the Company) is pleased to invite shareholders and investors to attend the Broker Briefing Mining, Resources & Energy Investor Webinar.

The attached presentation will be delivered at the Broker Briefing Mining, Resources & Energy Investor Webinar on Wednesday 21 April 2021, which will feature video presentations from Bannerman Resources and other ASX-listed companies.

The Company invites shareholders, investors, and media to participate in this digital event by registering for free through Zoom via the link below:

https://zoom.us/webinar/register/2416187848927/WN\_BNG4ucEeQk256Qi\_A1BYgg

Date: 21 April 2021

Time: 11:30am (EST) / 9:30am (WST), Bannerman Resources presenting at 12:00pm (EST) / 10:00am (WST).

The presentation by Brandon Munro will address the uranium market and provide an update on Bannerman.

Participants will be able to submit questions via the panel throughout the presentation, however we encourage shareholders and investors to send through questions via email beforehand to info@brokerbriefing.com

Yours sincerely

1206 ORR

Robert Orr Company Secretary Person who authorised the announcement: Robert Orr Company Secretary



## **IMPORTANT NOTICES**

#### **Cautionary Statement**

The Scoping Study referred to in this presentation has been undertaken for the purpose of initial evaluation of a potential 8Mtpa development of the Etango uranium deposit, owned by Bannerman Resources Limited (**Bannerman**). It is a preliminary technical and economic study of the potential viability of a smaller initial-scale configuration of the Etango Project, which has previously been the subject of Definitive Feasibility Study at a larger 20Mtpa development scale. The Scoping Study outcomes, production target and forecast financial information referred to in this release are based on low accuracy level technical and economic assessments that are insufficient to support estimation of Ore Reserves. While each of the modifying factors was considered and applied, there is no certainty of eventual conversion to Ore Reserves or that the production target itself will be realised. Further exploration and evaluation work and appropriate studies are required before Bannerman will be in a position to estimate any Ore Reserves or to provide any assurance of an economic development case. Given the uncertainties involved, investors should not make any investment decisions based solely on the results of the Scoping Study.

Of the Mineral Resources scheduled for extraction in the Scoping Study production plan, approximately 13.7% are classified as Measured, 83.9% as Indicated and 2.4% as Inferred. There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production target itself will be realised. Inferred Resources comprise less than 2.2% of the production schedule in the first year of operation and an average of less than 2.1% over the first three years of operation. Bannerman confirms that the financial viability of the Etango Project is not dependent on the inclusion of Inferred Resources in the production schedule.

The Mineral Resources underpinning the production target in the Scoping Study have been prepared by a competent person in accordance with the requirements of the JORC Code (2012). The Competent Person's Statement is found in the following slide. For full details of the Mineral Resources estimate, please refer to Bannerman ASX release dated 11 November 2015, Outstanding DFS Optimisation Study Results. Bannerman confirms that it is not aware of any new information or data that materially affects the information included in that release. All material assumptions and technical parameters underpinning the estimates in that ASX release continue to apply and have not materially changed.

To achieve the range of outcomes indicated in the Scoping Study, pre-production funding in excess of A\$250M will likely be required. There is no certainty that Bannerman will be able to source that amount of funding when required. It is also possible that such funding may only be available on terms that may be dilutive to or otherwise affect the value of Bannerman's shares. It is also possible that Bannerman could pursue other value realisation strategies such as a sale, partial sale or joint venture of the Etango Project. These could materially reduce Bannerman's proportionate ownership of the Etango Project.

No Ore Reserve has been declared. This ASX release has been prepared in compliance with the current JORC Code (2012) and the ASX Listing Rules. All material assumptions, including sufficient progression of all JORC modifying factors, on which the production target and forecast financial information are based have been included in the ASX release dated 5 August 2020.

## **IMPORTANT NOTICES**

#### **Forward Looking Statements**

This presentation includes various forward looking statements which are identified by the use of forward looking words such as "may", "could", "will", "expect", "believes", "intend", "plan", "estimate", "anticipate", "continue", and "guidance", or other similar words and may include, without limitation statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production outputs. Statements other than statements of historical fact may be forward looking statements. Bannerman believes that it has reasonable grounds for making all statements relating to future matters attributed to it in this presentation.

Forward looking statements inherently involve known and unknown risks, uncertainties and other factors that may cause the Company's actual results, performance and achievements to differ materially from any future results, performance or achievements. Relevant factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licences and permits and diminishing quantities or grades of resources or reserves, political and social risks, changes to the regulatory framework within which the Company operates or may in the future operate, environmental conditions including extreme weather conditions, recruitment and retention of personnel, industrial relations issues and litigation. Investors should note that any reference to past performance is not intended to be, nor should it be, relied upon as a guide to any future performance.

Forward looking statements are based on the Company and its management's good faith assumptions relating to the financial, market, regulatory and other relevant environments that will exist and affect the Company's business and operations in the future. The Company does not give any assurance that the assumptions on which forward looking statements are based will prove to be correct, or that the Company's business or operations will not be affected in any material manner by these or other factors not foreseen or foreseeable by the Company or management or beyond the Company's control.

Although the Company attempts to identify factors that would cause actual actions, events or results to differ materially from those disclosed in forward looking statements, there may be other factors that could cause actual results, performance, achievements or events not to be anticipated, estimated or intended, and many events are beyond the reasonable control of the Company. Accordingly, readers are cautioned not to place undue reliance on forward looking statements. Actual results, values, performance or achievements may differ materially from results, values, performance or achievements expressed or implied in any forward looking statement. None of Bannerman, its officers or any of its advisors make any representation or warranty (express or implied) as to the accuracy or likelihood of fulfilment of any forward looking statement, or any results, values, performance or achievements expressed or implied in any forward looking statement except to the extent required by law.

Forward looking statements in this release are given as at the date of issue only. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, in providing this information the Company does not undertake any obligation to publicly update or revise any of the forward looking statements or to advise of any change in events, conditions or circumstances on which any such statement is based.

#### **Competent Person Statement**

#### **Exploration Results and Resources**

The results of the Scoping Study with the technical report titled "8 Mtpa Etango Project Scoping Study" dated 5 August 2020 (the "Technical Report") by Bannerman Resources Limited and the Etango Uranium Resources that underpin the production targets are based on, and fairly represent, information and supporting documentation reviewed by Mr Werner Klaus Moeller.

Mr Werner K Moeller is since 2016 a Director and Principal Mining Engineer of Qubeka Mining Consultants CC based in Klein Windhoek, Namibia. Prior to 2016 he was a Director and Principal Mining Engineer of VBKom Consulting Engineers (Pty) Ltd based in Centurion, South Africa. He is Member of the following professional associations:

- South African Institute of Mining and Metallurgy MSAIMM nr. 704793.
- Australian Institute of Mining and Metallurgy MAusIMM nr. 329888.
- Canadian Institute of Mining, Metallurgy and Petroleum MCIM nr. 708163;

Mr Werner K Moeller is a graduate of University of Pretoria, South Africa and hold a Bachelor degree, majoring in Mine Engineering (2001) and an Honours degree, majoring in Industrial Engineering (2002). He is practising as a mining engineer and has practiced his profession continuously since 2002. My relevant experience for the purpose of the Scoping Study review is:

- Operational experience on numerous mines in Africa and Namibia including three years at Rio Tinto's Rössing Uranium Mine.
- Mine planning and study experience on a large number of uranium projects, including Rio Tinto's Rössing Uranium Mine, Swakop Uranium's Husab Mine and Forsys Metal Corp's Valencia Project,
- Project manager for numerous feasibility studies all over Africa.

He has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity 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 Werner K Moeller has 18 years' experience in exploration and mining of uranium deposits. He consents to the inclusion of the Scoping Study results disclosed by the Company in the form in which it appears.

Neither Mr Werner K Moeller nor Qubeka Mining Consultants CC have a direct or indirect financial interest in, or association with Bannerman Resources Limited, the properties and tenements reviewed in this statement, apart from standard contractual arrangements for the review of this report and other previous independent consulting work. In reviewing this Scoping Study, Qubeka Mining Consultants CC has been paid a fee for time expended. The present and past arrangements for services rendered to Bannerman Resources Limited do not in any way compromise the independence of Qubeka Mining Consultants CC with respect to this estimate.



## **OUTSTANDING DYNAMICS** Immediate and long-term drivers of uranium

~20Mlbs pa sector deficit	+20Mlbs disruption in 2020	COVID extending into 2021
Supply discipline + bear market U <sub>3</sub> O <sub>8</sub> prices	COVID supply disruption in Kazakh, Canada, Namibia	Cigar Lake suspension, Case challenges elsewhere
2020-30 supply depletion	Limited new supply	Steady demand growth

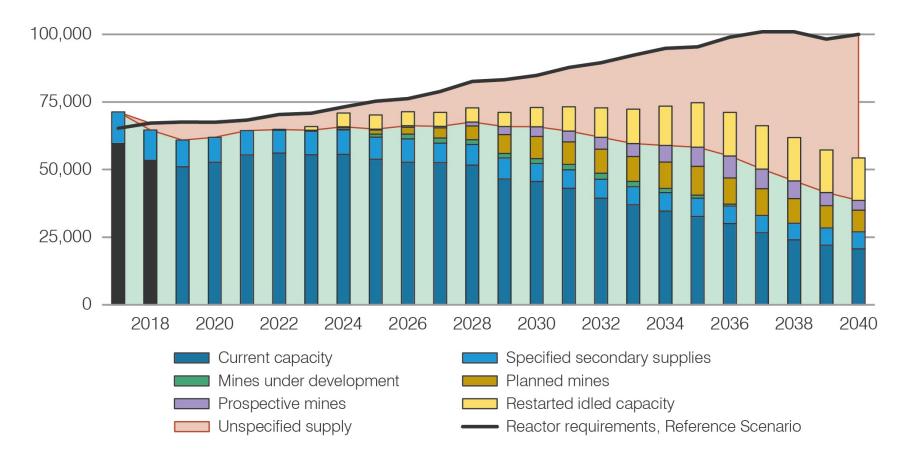
## URANIUMMARKETTIGHTENING

WORLD NUCLEAR ASSOCIATION

Supply depletion drives strong supply-demand fundamentals

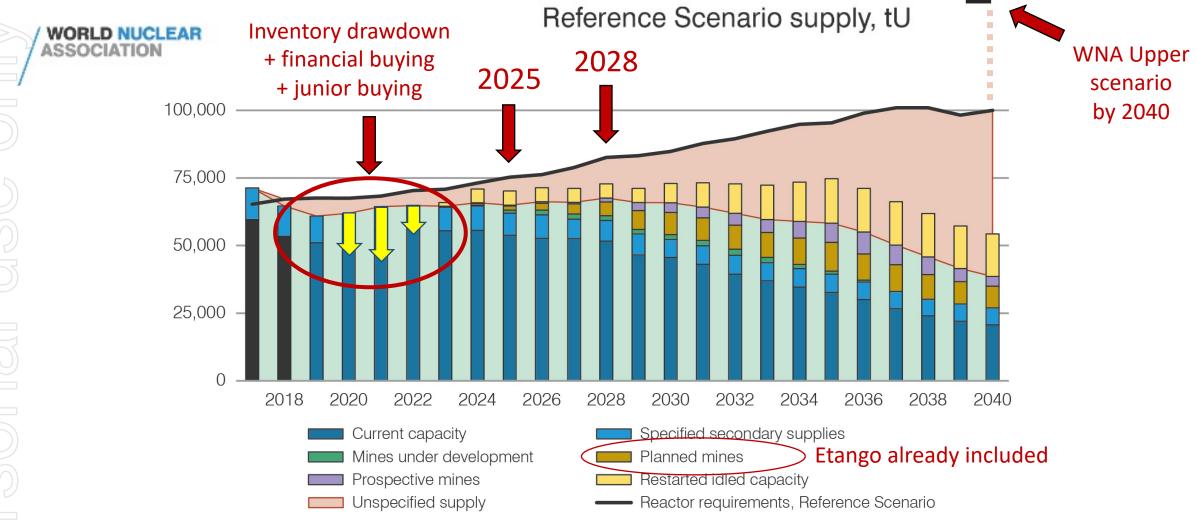


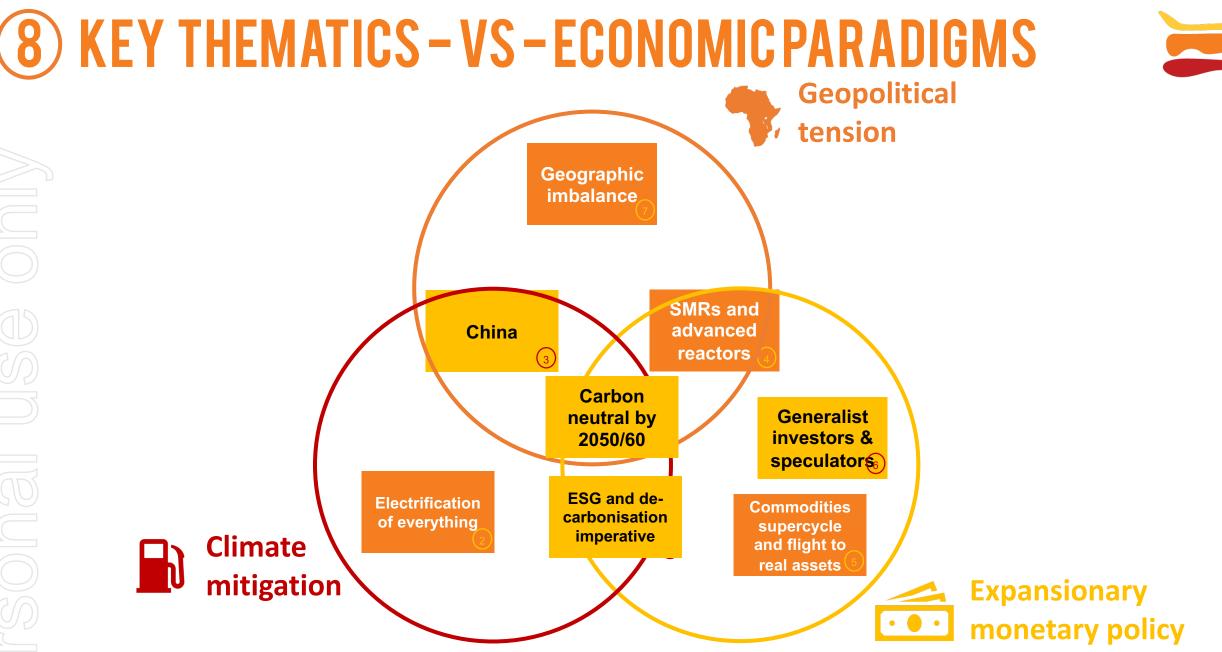
Reference Scenario supply, tU



## **URANIUM MARKET TIGHTENING**

Long term supply deficit, even after idled mines return









(Beyond attractive macro supply-demand fundamentals)



All are driven by the dominant economic paradigms of our time

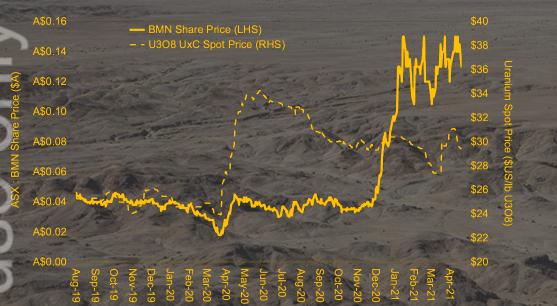






## **BANNERMANATAGLANCE**

### SHARE PRICE CHART (ASX:BMN)



### SHARE REGISTER (AT 31 MARCH 2021)

**OTCQB:BNNLF NSX:BMN** 

Institutional

SX:BMN

23%

10%

67%

Board and Management

### ASX share price

**CAPITAL STRUCTURE** 

12 month share price range	A\$0.015 – A\$0.165
Shares on issue	1,189 million
Market capitalisation	A\$160M (US\$125M)
Options and performance rights	37 million
Average daily volume (ASX 1-mth)	6 million
Cash (31 March 2021, approx)	A\$13M (US\$10M)
Debt	Zero

A\$0.135

#### **BOARD**

Independent Chairman	Ronnie Beevor
Chief Executive Officer/MD	Brandon Munro
Independent NED	Mike Leech
Independent NED	Ian Burvill
NED	Clive Jones

## ETANGO-8URANIUMPROJECT

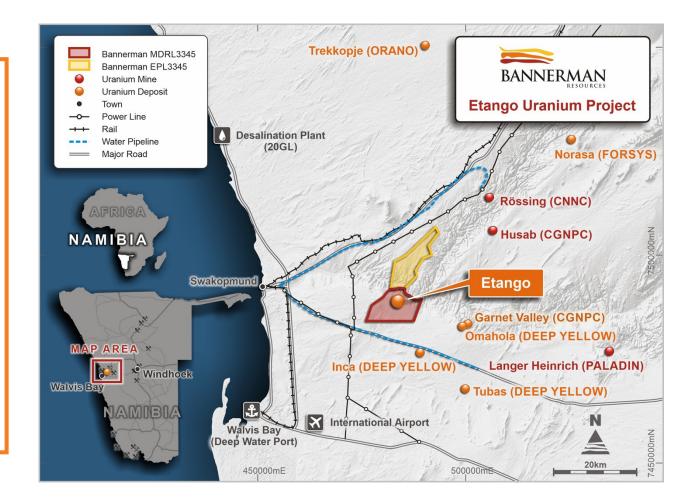
### A world-class uranium asset

Globally large-scale resource endowment

- Low technical risk
- Excellent supporting infrastructure
- Established uranium operating jurisdiction

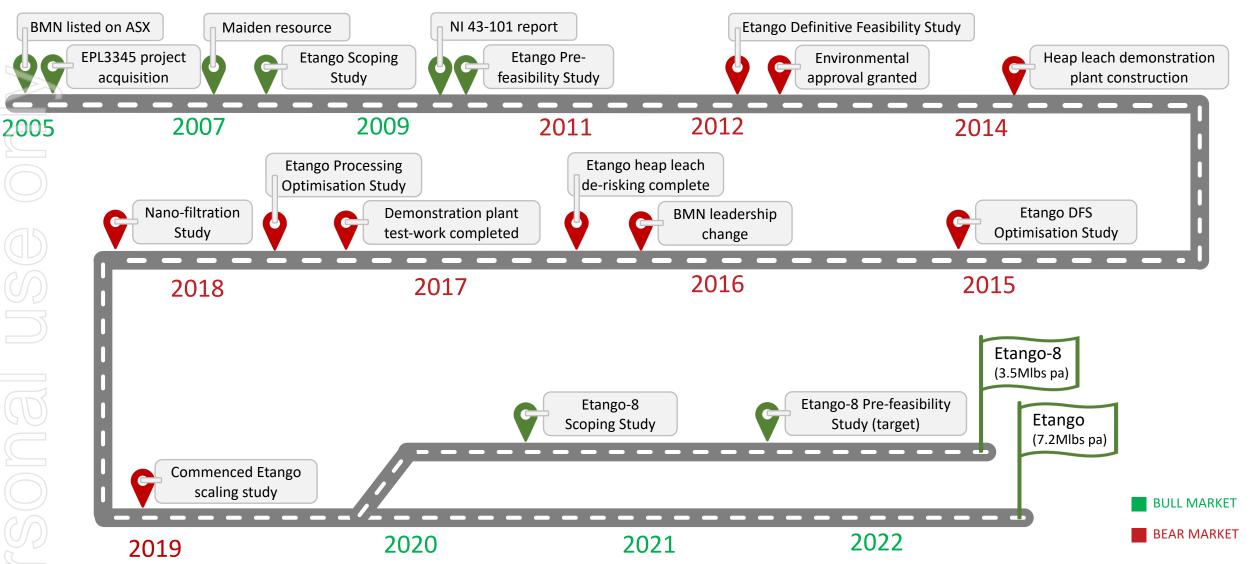
Strong in-country presence and engagement

High scalability





## THE ETANGO JOURNEY



## E-8) INTRODUCING ETANGO-8

only

USe

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An accelerated project development with strong financial returns

## **ETANGO-8 RATIONALE AND TEAM** A substantial body of existing technical and feasibility work



- Etango Project advanced study history
  - Definitive Feasibility Study 2012 (DFS 2012); 20Mtpa throughput; estimation accuracy of ±15%
  - DFS Optimisation Study (OS 2015); 20Mtpa throughput; estimation accuracy of ±15%
  - Heap Leach Demonstration Plant at site (operated from 2015); industrial scale plant that validated metallurgical parameters
- Etango-8 Scoping Study completed in August 2020\*; 8Mtpa throughput; estimation accuracy of ±30%
  - Heavily informed by detailed study work undertaken as part of the DFS 2012 and OS 2015
  - Maintains the real option of eventual expansion; potentially to the 20Mtpa scale evaluated in the DFS 2012 and OS 2015

Contributor	Discipline
Qubeka Mining Consultants	Geology review, pit inventory estimates, mine planning and financial analysis
DRA-Senet	Process plant design and related infrastructure, plant capital cost estimate
A. Speiser Environmental Consultants	Environmental and social impacts and management
Genis Business Consulting	External infrastructure
Nuclear Fuel Associates LLC	Uranium marketing and advisory
Fivemark Partners	Commercial and strategic advisory

Full details of the Etango-8 Scoping Study are contained in Bannerman's ASX announcement dated 5 August 2020. Bannerman is not aware of any new information or data that materially affects the information included in this ASX release, and Bannerman confirms that, to the best of its knowledge, all material assumptions and technical parameters underpinning the estimates in this release continue to apply and have not materially changed.

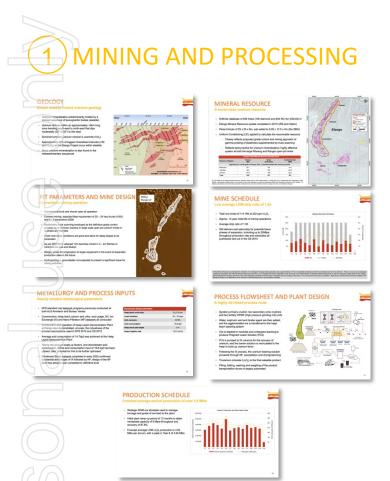
Advanced study – Defin

D Scoping Study August 2020

history

Quality consultants

## DETAILED SCOPING STUDY INFORMATI See www.bannermanresources.com.au/for-investors/presentations/



### **INFRASTRUCTURE AND LOGISTICS**

SITE LAYOUT

	OWER AND WATER addity available power and water solutions	Brank
P	ower	
	Power to be provided by Nampower, the national power utility company	
•	Significant upgrades of Nampower's generation and distribution capacity have taken place since 2015	
•	Planned 29 km, 132 kV transmission line from the Kulseb substation to the Etango site	
w	fater	
•	Water to be sourced from NamWater, the national water utility company	
•	Parned pipeline and pumping system from NamWater's Base Reservoir in Swakopmund	
•	Pipeline route to follow the contdor as provided for in the Environmental Gearance Certificate	(E

## PRODUCT TRANSPORT AND PORT LOGISTICS

#### SOCIAL LICENCE TO OPERATE 3

## INVIRONMENT AND COMMUNITY



### CAPITAL AND OPERATING COSTS

Forecast pre-production capex of US\$254M	Description	-	
Estimated at ±30% ecouracy level	Direct Processing Plant capital	131,875	62%
Calorination in 2001 a boosting when	External & Internal Infrastructure	34,022	13%
Delivers a globally attractive pre-production capital	Accuracy provision	31,490	12%
intensity of approx. US\$71 per pound of average	Pre-production owners & EPCM	17,754	75
mual U <sub>2</sub> O <sub>2</sub> production capacity	Mining - summits cost	11,206	4%
Total forecast sustaining capital across initial 15-year	Owners direct cost	11.473	9%
LOM is US\$31M (equates to +US\$0.27h ore)	Temporary Services, Construction Camp	\$752	-
Cost is costo in (editates to -costo tru (edit	Commissioning, operational & insurance spams	6.802	25
	Total	254.344	1005

6	PERATING COST	and the second se		-		
ю.	obust construction of forecast opex	Mena Cartraiter	80	2.3	11.2	675
	Projected LOM operating cost (as rovalties/levies) of					
		Respects (not including add)	107	1.1	2.0	76
	US\$37.4/b U/O,					
				8.7	1.8	
1	Forecast contract unit mining cost of US\$2.451 material mined (US\$2.551 inclusive of owners' costs)					
		Lalour - Plant Operations		2.4	1.2	75
	<ul> <li>Compares with OS 2015 owner mining unit cost of US\$1.691 material mined</li> </ul>					
		Mentry (Danaris and		8.2	4.5	75
	- Based on bottom-up contract mining cost model by	Protect Tensori, and, someroom		4.4	4.1	75
	Qubeka and benchmarked against similar sized contractor operations in Namibia and South Africa	Nated (see respection feature)	1.000	14.7	21.4	-
	contractor operations in Namibia and South Africa	that cash aperating costs			Term.	Marte
	Forecast price of sulphuric acid (delivered to Walvis Bay)					
	of US\$754, plus US\$134 transport cost to Etango site					16.0
	Water tariff of US\$3.5/m <sup>2</sup> based on discussions with					
	Navillation includes estimated cost of desalization					
	Utility power cost input is US\$0.0129 per kWh,					
	represents the blended energy cost based on					
	Nampower's Time of Use tartif schedule (all charges)					

#### **FINANCIAL FORECASTS** 5

Also rank at commentation regard instruction tag bett contract groups in the formation's theory in the next 20-44 months of contractions, new part of prices 20-44 months - Comments 2028 approximation prior theorem 2018/10 - Comments 2028 approximation prior theorem 2018/10 - Distribution 2028 approximation prior theorem 2018/10 - Results 10.01 term contracts prior tamorem prior - Results 10.01 term contracts prior tamorem 2018/10 - Results 10.01 term c		Contrast mining with partiest define time meno-quested     Haut Statust stati of 15     Contra unitive mining statust statist of 15     Contra unitive mining statust statist of 15     Contra unitive mining statist sta
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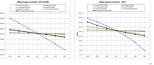


#### **KEY OPPORTUNITIES**

on has also been shown to be sub-14kgit in various column tests

	<ul> <li>Compares with OS 2015 owner mining unit cost of</li> </ul>					
	<ul> <li>Compares war too zero owner mining unit cost of LISS1 did material mined.</li> </ul>					
	. Rased on bottom-up contract mining cost model by					
	Qubeka and benchmarked against similar sized	Nated (on-regulation/levine)	1.000	14.7	2.4	
	contractor operations in Namibia and South Africa	that cash apending costs			Term.	-
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	Namilitater, includes estimated cost of desaination					
	Utility power cost input is US\$0.0129 per KMh,					
	represents the blended energy cost based on					
	Nampower's Time of Use tartif schedule (all charges)					
1						







## **PHYSICAL OUTCOMES** Highly robust technical parameters



**14+ years** Initial mine life **1.93 : 1** Strip ratio (waste:ore)

**87.8%** Processing yield

Key physical parameters	Unit	Total / LOM	Annual average
Operations			
Construction period	months	24	NA
Initial production life	years	14.4	NA
Mining			
Ore mined	Mt	114.1	7.9
Strip ratio	Х	1.93	1.93
Waste mined	Mt	220.0	15.3
Processing			
Ore processed	Mt	114.1	7.9
Average uranium head grade	ppm U3O8	232	232
Forecast uranium recovery	%	87.8%	87.8%
Output			
Uranium production	MIbs U3O8	48.5 – 53.7	3.4 – 3.7

**3.5 MID U<sub>3</sub>O<sub>8</sub>** Average annual production

8 Mtpa

**Throughput capacity** 

## 51 MIb U<sub>3</sub>O<sub>8</sub> Total production

Of the Mineral Resources scheduled for extraction in the Etango-8 Scoping Study production plan, approximately 13.7% are classified as Measured, 83.9% as Indicated and 2.4% as Inferred. There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production target itself will be realised. Inferred Resources comprise less than 2.2% of the production schedule in the first year of operation and an average of less than 2.1% over the first three years of operation. Bannerman confirms that the financial viability of the Etango-8 Project is not dependent on the inclusion of Inferred Resources in the production schedule.

## FINANCIAL RETURNS

### **Strong projected economics**

LOM U<sub>3</sub>O<sub>8</sub> price

US\$254M	US\$212M
Pre-production capex	Post-tax NPV <sub>8%</sub>
<b>21.2%</b>	<b>3.6 years</b>
Post-tax IRR	Payback (post-tax)
US\$65/lb	<b>US\$37/Ib</b>

Cash opex (ex royalties)

Key financial outcomes	Unit		
Price inputs			
LOM average uranium price	US\$/Ib U <sub>3</sub> O <sub>8</sub>	-	65
US\$/N\$	N\$	-	16
Valuation, returns and key ratios		Range	Mid point
NPV8% (post-tax, real basis, ungeared)	US\$M	201 - 223	212
NPV8% (pre-tax, real basis, ungeared)	US\$M	354 - 392	373
IRR (post-tax, real basis, ungeared)	%	20.1 - 22.2	21.2
IRR (pre-tax, real basis, ungeared)	%	25.5 - 28.1	26.8
Payback period (post-tax, from first production)	years	3.4 - 3.8	3.6
Payback period (pre-tax, from first production)	years	3.2 - 3.6	3.4
Pre-tax NPV / Pre-production capex	х	1.4 - 1.5	1.5
Pre-production capital intensity	US\$/lb U <sub>3</sub> O <sub>8</sub> pa capacity	67 - 75	71
Cashflow summary		Range	Mid point
Sales revenue (gross)	US\$M	3,154 - 3,486	3,320
Mining opex	US\$M	(813 - 899)	(856)
Processing opex	US\$M	(816 - 902)	(859)
G&A opex	US\$M	(134 - 150)	(143)
Product transport, port, freight, conversion	US\$M	(53 - 59)	(56)
Royalties and export levies	US\$M	(139 - 153)	(146)
Project operating surplus	US\$M	1,197 - 1,323	1,260
Pre-production capital expenditure	US\$M	(241 - 267)	(254)
Pre-production capital expenditure LOM sustaining capital expenditure	US\$M US\$M	(241 - 267) (29 - 33)	(254) (31)
	•	. ,	
LOM sustaining capital expenditure	US\$M	(29 - 33)	(31)

Of the Mineral Resources scheduled for extraction in the Etango-8 Scoping Study production plan, approximately 13.7% are classified as Measured, 83.9% as Indicated and 2.4% as Inferred. There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production target itself will be realised. Inferred Resources comprise less than 2.2% of the production schedule in the first year of operation and an average of less than 2.1% over the first three years of operation. Bannerman confirms that the financial viability of the Etango-8 Project is not dependent on the inclusion of Inferred Resources in the production schedule.

## **COMPARATIVE VALUE**

### Comparison of Etango-8 Scoping Study with Etango DFS OS (2015)

Key project parameters	DFS Opt Study* (November 2015)	Etango-8 SS (August 2020)	Project Impact	* Does not credit 2017 Processing OS gains (\$73M			
Production (U <sub>3</sub> O <sub>8</sub> LOM avg)	7.2 Mlbs pa	3.5Mlbs pa	49% of DFS production***	capex reduction and ~\$3/lb			
Initial mine life	15.7 years	14.4 years	Similar	OPEX reduction)			
Pre-production capital	US\$793M	US\$254M	32% of DFS CAPEX	** Can be derived from			
Capital intensity (per lb U <sub>3</sub> O <sub>8</sub> annual production)	US\$110	US\$71	35% improvement	Sensitivity analysis in Figure 15 of Scoping Study			
Cash cost (LOM)	US\$38/lb	US\$37.4/lb	Similar	announcement (ASX			
Plant throughput	20Mtpa	8Mtpa	40% of DFS throughput	announcement 5 August 2020).			
Feed grade (first 5 full prod. years)	241ppm	243ppm	Similar	2020].			
Feed grade (LOM)	195ppm	232ppm	19% improvement	*** Note capacity to expand and/or extend the mine			
Strip ratio	2.8:1	1.9:1	32% improvement	production.			
Total production	113Mlbs	51Mlbs	45% of DFS production***				
Sustaining CAPEX (LOM)	US\$282M	US\$31M	89% improvement				
Project IRR (post-tax) at \$65/lb	9.6%	21%	220% increase				
Project IRR (post-tax) at \$75/lb	15%	~27%**	80% increase				
Payback period at \$65/lb	5.9 years	3.6 years	40% improvement				
NPV (8% post tax) at \$65/lb	US\$86M	US\$212M	250% increase				
NPV (8% post tax) at 75/lb	US\$419M	~US\$350M**	15% reduction				
Break even (IRR = 0)	\$52/lb	\$46/lb**	9.6% improvement				
Construction period	36 months	24 months	1 year improvement	18			



## **COMPARATIVE VALUE**

### Comparison of Etango-8 Scoping Study with Etango DFS OS (2015)

Key project parameters		Opt Stud mber 20		Project Impact	* Does not credit 2017 Processing OS gains (\$73M		
Production (U <sub>3</sub> O <sub>8</sub> LOM avg)	7.2	7.2 Mlbs pa3.5Mlbs pa		49% of DFS production***	capex reduction and ~\$3/lb		
Initial mine life		7 yea		Similar	OPEX reduction)		
Pre-production capital	CAPEX reduced	793I	Strip ratio ▼32%	32% of DFS CAPEX	** Can be derived from		
Capital intensity (per lb U <sub>3</sub> O <sub>8</sub> ann	From US\$793M to US\$254M	\$110	Grade ▲ 19%	35% improvement	Sensitivity analysis in Figure 15 of Scoping Study		
Cash cost (LOM)	Upfront unit cap intensity ▼ 35%	538/I		Similar	announcement (ASX		
Plant throughput		Mtpa		40% of DFS throughput	announcement 5 August 2020).		
Feed grade (first 5 full prod. year		1ppn		Similar	2020].		
Feed grade (LOM)	Post tax IRR	5ppn	Post tax NPV <sup>8</sup>	19% improvement	*** Note capacity to expand and/or extend the mine		
Strip ratio		.8:1		32% improvement	production.		
Total production	21% @ \$65/lb (▲220%) 27% @ \$75/lb (▲80%)	BMIb	US\$212M @ \$65/Ib (▲250%) US\$350M @ \$75/Ib (▼15%)	45% of DFS production***			
Sustaining CAPEX (LOM)		5282I		89% improvement			
Project IRR (post-tax) at \$65/I		9.6%	21%	220% increase			
Project IRR (post-tax) at \$75/Ib		.5%	Circulified	80% increase			
Payback period at \$65/lb	Reduced	year	Simplified	40% improvement			
NPV (8% post tax) at \$65/lb	construction time	\$86N	marketing and	250% increase			
NPV (8% post tax) at 75/lb		419I	development	15% reduction			
Break even (IRR = 0)		552/lb	\$46/ID**	9.6% improvement			
Construction period	36	months	24 months	1 year improvement	19		

consumption, reagent use and uranium recovery 20Mtpa) post operations commencing

**KEYUPSIDEOPPORTUNITIES** 

Substantial value enhancement potential

**Future life** 

extension and/or

scale-up expansion

Globally large resource of 271Mlbs  $U_3O_8$  (14.4 Mlbs Measured, 150.2 Mlbs Indicated and 106.1Mlbs Inferred)\*

8Mtpa development retains flexibility to expand to larger throughput (up to

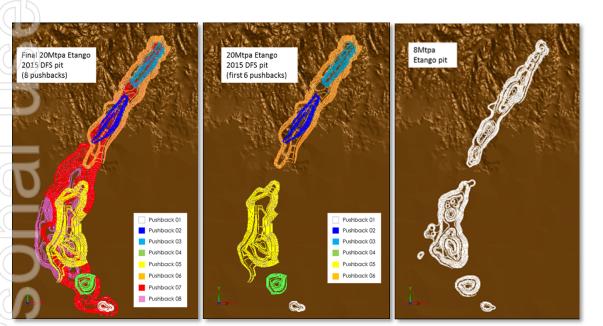
\* For full details of the Mineral Resources estimate, please refer to Bannerman ASX release dated 11 November 2015, Outstanding DFS Optimisation Study Results. Bannerman confirms that it is not aware of any new information or data that materially affects the information included in that release. All material assumptions and technical parameters underpinning the estimates in that ASX release continue to apply and have not materially changed.

2

Processing

efficiency and cost

upside







Testwork at the Etango

Heap Leach Demonstration

Plant indicates potential for further optimisation of acid

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## **SOCIAL LICENCE TO OPERATE**

### Strong position due to historical body of work and engagement

### Environmental credentials

- Environmental baseline since 2008
- High-quality, peer reviewed ESIA completed in 2009
- Environmental approvals granted

## **ESG and CSR** leadership

- An acknowledged leader in Corporate Social Responsibility in Namibia
- Trusted relationship with local communities

### Government support

- Strong government support at all levels
- One Economy Foundation is a 5% shareholder in Bannerman Mining Resources (Namibia) (Pty) Ltd

**Bannerman's flagship Learner Assistance Program** has assisted 3,000 learners over the past ten years across schools throughout Namibia





## **THE PATHFORWARD**

### **Production targeted to meet forecast 2025 sector deficits**

Months to delivery (from Oct 2020)	+3	+6	+9	+12	+15	+18	+21	+24	+27	+30	+33	+36	+39	+42	+45	+48
PFS																
DFS																
Approvals, Financing																
Engineering																
Construction																
	20	21			20	22			20	23			20	24		

 Etango-8 PFS progressing well with targeted completion by mid 2021

- DFS estimated to take a further 9 12 months from PFS completion
- Then lodge application to convert Mineral Deposit Retention Licence 3345 to a Mining Licence

Forecast construction period of 18 – 24 months

## **BANNERMANTEAM**



### **STRONG AND EXPERIENCED BOARD**

### **SKILLED MANAGEMENT WITH NAMIBIAN EXPERTISE**

Ronnie Beevor (Non-Executive Chairman)	<ul> <li>30+ years' investment banking experience incl. head of Rothschild Australia.</li> <li>Extensive listed co experience including past director of successful gold-copper developer, Oxiana Ltd.</li> </ul>	<b>Brandon Munro</b> (CEO & Managing Director)	<ul> <li>20 years' transactional and financing experience as a corporate lawyer and resources executive.</li> <li>Co-Chair of World Nuclear Association Nuclear Fuel Demand sub-group.</li> <li>Lived in Namibia for 5+ years as GM to Bannerman and MD of Kunene Resources Ltd.</li> </ul>
Mike Leech (Non Executive Director)	<ul> <li>30+ years' mining industry experience, Rio Tinto.</li> <li>Deep Namibian uranium operating experience.</li> <li>Former roles include MD and CFO at Rössing Uranium.</li> <li>Former President of Namibian Chamber of Mines.</li> </ul>	<b>Werner Ewald</b> (Managing Director – Namibia)	<ul> <li>25+ years' experience in uranium, diamond, coal mining</li> <li>Prior to joining BMN was Manager Mining at Rössing Uranium.</li> <li>Namibian born Electrical Engineer based in Swakopmund.</li> </ul>
Clive Jones (Non Executive Director)	<ul> <li>20+ years in mineral exploration and founding/developing/transacting ASX companies.</li> <li>One of original vendors of Etango project to BMN.</li> </ul>	<b>Robert Orr</b> (Company Secretary)	<ul> <li>30+ years' experience as chartered accountant incl. big four firm specialising in tax and audit.</li> <li>Previously CFO and CoSec for several ASX listed mining entities with a background in corporate compliance and governance, project development and capital markets.</li> </ul>
Ian Burvill (Non Executive Director)	<ul> <li>30 years of mining industry experience starting as a process plant engineer.</li> <li>Former senior VP with Resource Capital Funds.</li> </ul>	<b>John Turney</b> (Project Adviser – Etango)	<ul> <li>35+ years in major mining/engineering companies, including Project Director of Bannerman.</li> <li>Led development of, for example, Cowal gold mine (Australia) and Tulawaka gold (Tanzania).</li> </ul>
Twapewa Kadhikwa (NED - Namibia)	<ul> <li>High profile Namibian businesswoman.</li> <li>Respected SME advisor to government.</li> <li>Speaker and business mentor.</li> </ul>	<b>Dustin Garrow</b> (Strategic Uranium Marketing Adviser)	<ul> <li>40+ years experience in the uranium and nuclear sector, including 12 years marketing Namibian uranium for Paladin Energy.</li> <li>Respected international uranium marketing expert.</li> </ul>

## ETANGO-8: A WORLD-CLASS URANIUM ASSET

Globally significant output of 3.5 Mlbs pa with further expansion scalability

**NUC** 

Robust economics and low hurdles to development

Environmental approvals with strong community and government support

Namibia a premier uranium mining jurisdiction with excellent infrastructure

Low technical risk through prior definitive study work and demonstration plant

Streamlined development path to meet forecast U sector deficits from 2025

# CONTACT



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Authorised for release by Brandon Munro