



Precious Metals Summit Zurich

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Managing Director

12 November 2024

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**Find.
Enhance.
Deliver.**

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Previously reported information

The information in this presentation that relates to the combined mineral resources and ore reserves is drawn from the Company's ASX announcement dated 13 September 2023, 27 February 2024. Exploration results are extracted from the Company's ASX announcements noted in the text of the document and are available to view on the Company's website. The information relating to the Tomingley Five Year Plan is drawn from the Company's ASX Announcement dated 24 June 2024. The information relating to the Boda-Kaiser Scoping Study is drawn from the Company's ASX Announcement dated 10 July 2024. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcement(s); in the case of estimates of mineral resources or ore reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed; and that the form and context in which the Competent Person's findings are presented have not been materially altered.




Competent person

Unless otherwise advised above or in the Announcements referenced, the information in this presentation that relates to exploration results, mineral resources and ore reserves is based on information compiled by Mr D I Chalmers, FAusIMM, FAIG, (director of the Company) who has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Chalmers consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.



Company Snapshot


Tomingley

 FY25:
 **70K-80K oz Au**
 \$2,400-\$2,600 AISC

 From FY27:
 **100K+ oz Au (pa)**
 \$1,900-\$2,100 AISC


 **~\$115M**
 capital for growth
 over next 18 months

Boda-Kaiser (20Mtpa)

 **A\$1.78B**
 pre-production capital

 **35,600 t**

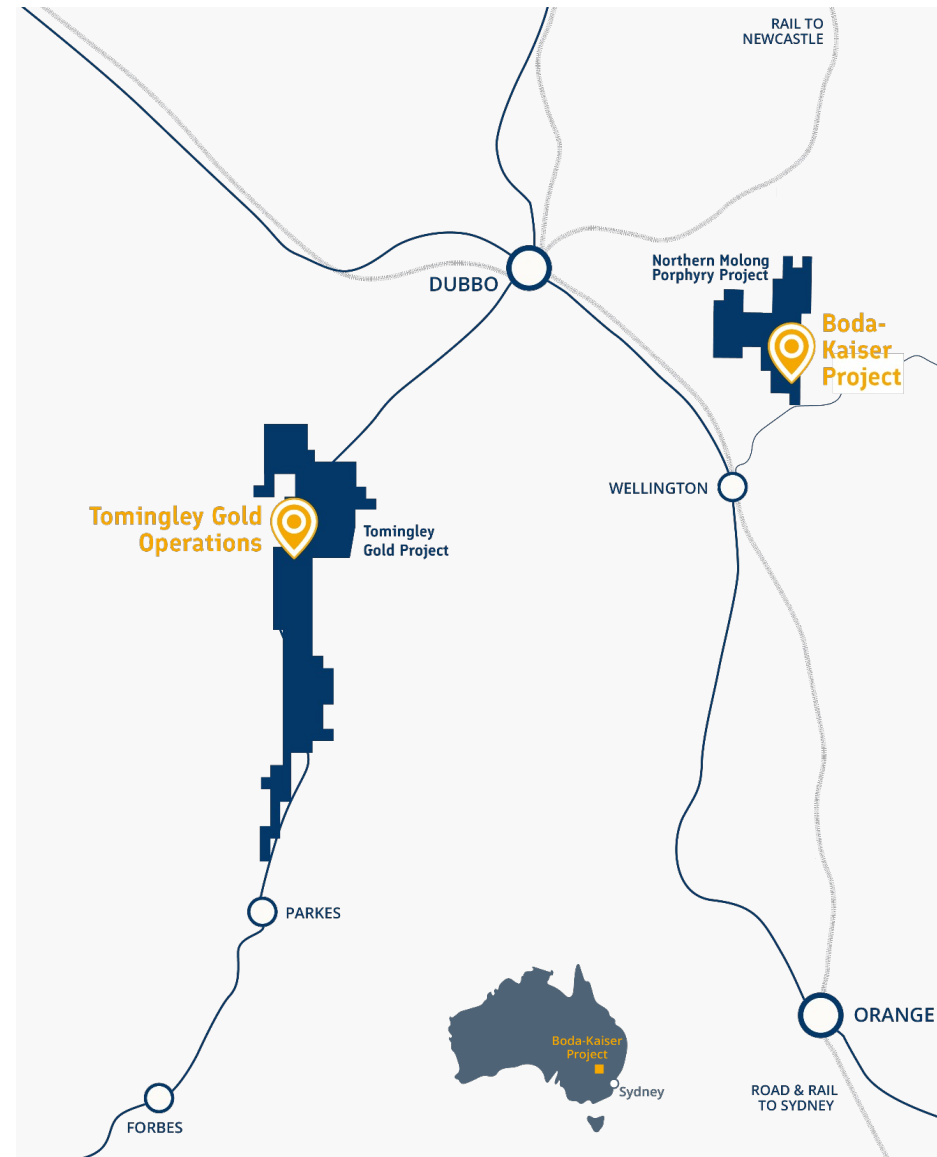
 **159,300 oz**
 (pa for first 5yrs)

 **A\$6.7B** **A\$2.4B**
 free cashflow NPV (7%)
 (pre-tax) Au @ A\$4,000/oz

 **17yr+**
 mine life

* Tomingley 5yr plan (24 Jun 2024) - alkane.com.au/tomingley-five-year-plan

** Boda-Kaiser Scoping Study (10 July 2024) - alkane.com.au/boda-kaiser-scoping-study

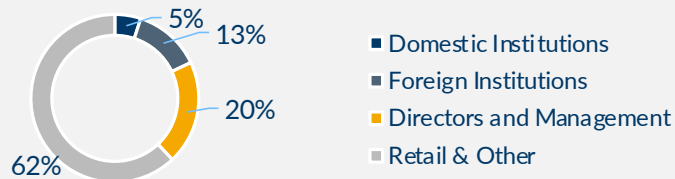


Corporate Profile

Capital Structure

Ordinary Shares	603 million
Share Price (5 November 2024)	A\$0.55
Market Capitalisation	A\$332M
12 Month low/high	A\$0.38/0.74
Cash and Gold Bullion (30 September 2024)	~A\$51M
Interest Bearing Debt Drawn (30 September 2024)	~A\$65M
Total Liquidity (30 September 2024)	~A\$67M
Enterprise Value	~A\$346M
Average Daily Turnover (6 Months)	~A\$0.7M/day

Share Register Profile (Sep 2024)



Broker Coverage

ORD MINNETT

BELL POTTER

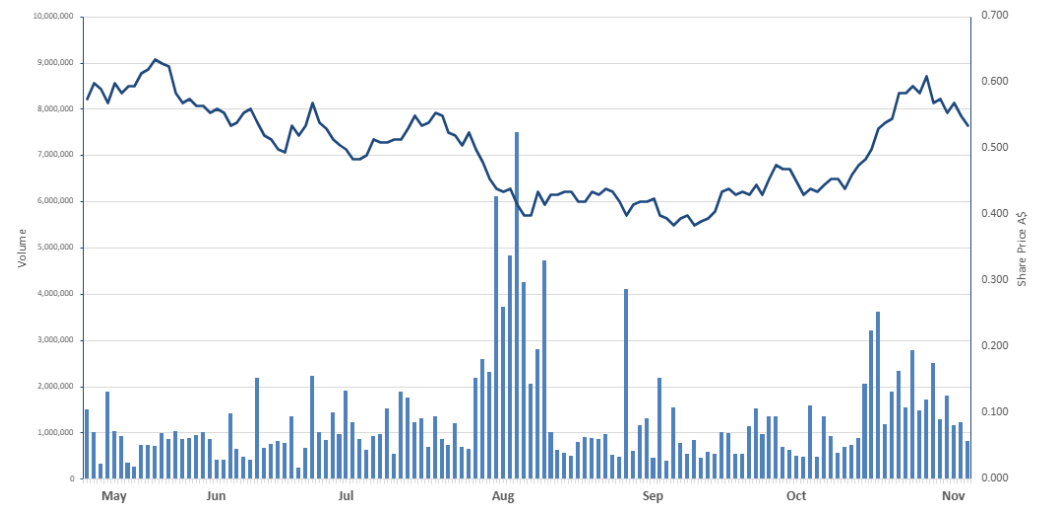
EUROZ HARTLEYS
GROUP

PETRA
CAPITAL

MA
Financial
Group

EDISON

Share Price 2024



HEDGING

81,700 oz
at A\$2,842

PUT OPTIONS

132,180 oz
at A\$3,000

DELIVERY




Dec 2024 to
Jun 2027



Tomingley




Tomingley Operation

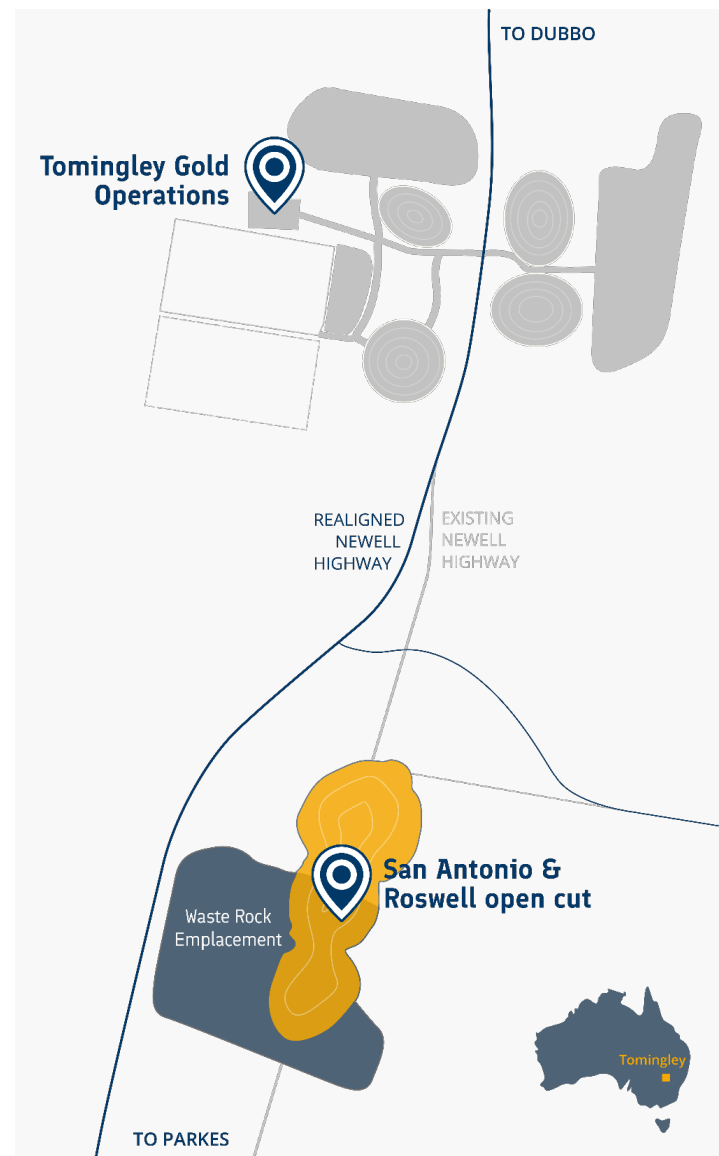
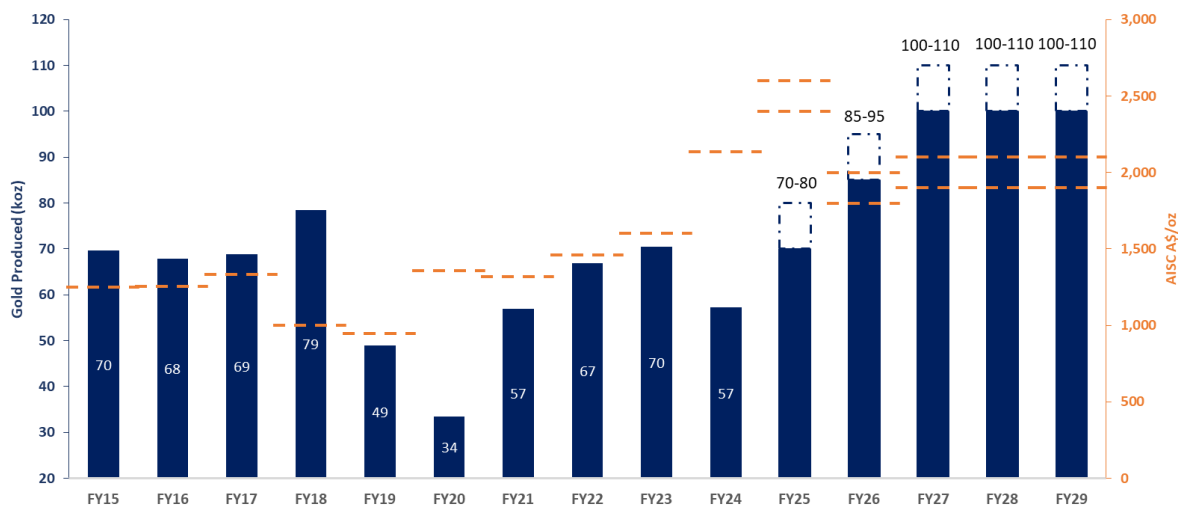
 FY25-29:
 455,000-505,000 oz Au
 \$1,900-\$2,100 AISC

 ~\$115M
 capital for growth
 over next 18 mths

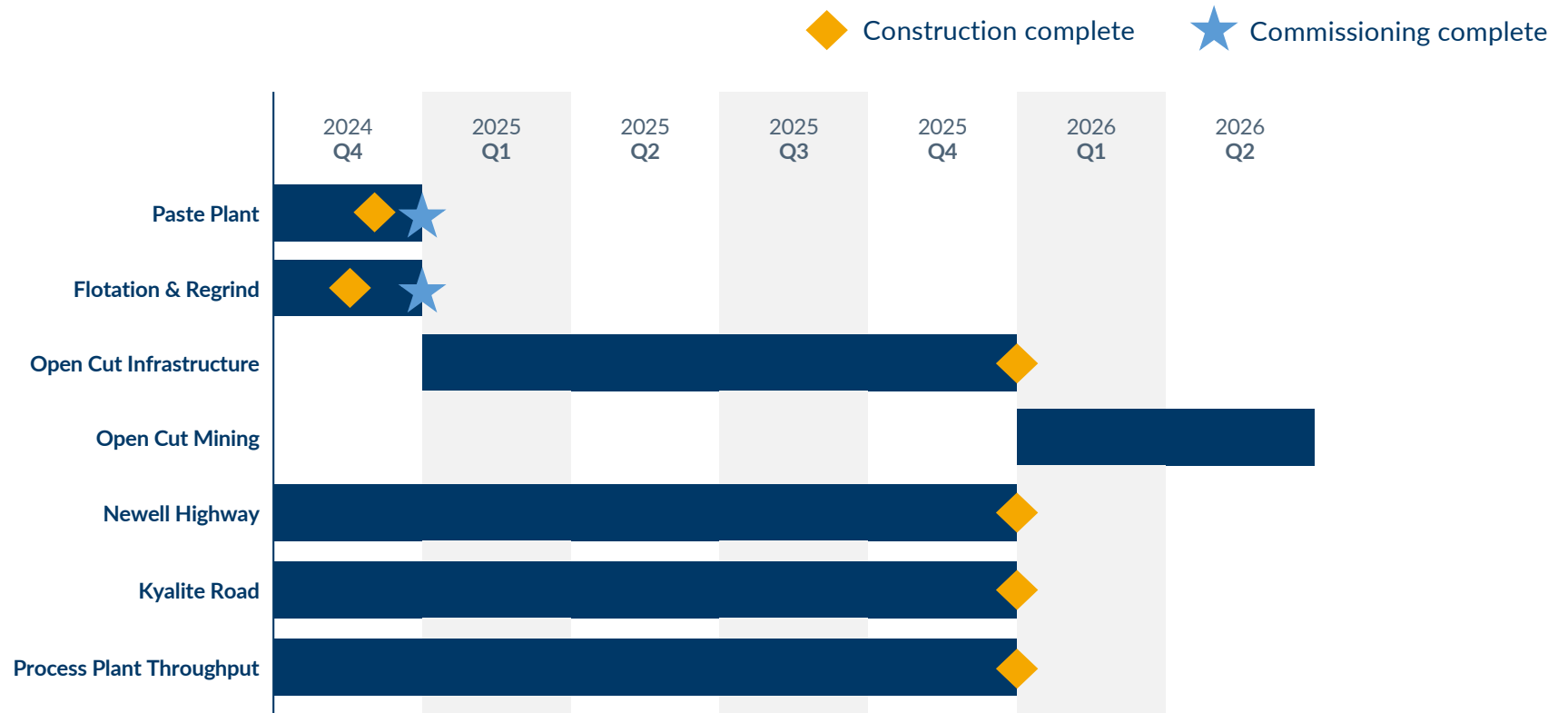
 Mine life to
2030+

 1.5M oz Au
 in resource

Tomingley Actual/Estimated Production and AISC



Capital Project Timing



2024-2026: A Transformational Period

Quarter ending:	Sep-24	Dec-24	Mar-25	Jun-25	Sep-25	Dec-25	Mar-26	Jun-26
Production Range (ozAu)	18,418	17,000-19,500	17,500-20,000	19,000-21,500	20,000-22,500	21,000-23,500	21,000-23,500	23,000-25,500
Milled Tonnes (kt)	264,370	260-290	260-290	260-290	260-290	260-290	350-400	350-400
Head Grade (g/t Au)	2.44	2.1-2.3	2.1-2.3	2.5-2.7	2.5-2.7	2.6-2.8	2.2-2.4	2.2-2.4
Recovery %	84.8	82-87	88-93	90-94	90-94	90-94	90-94	90-94
Sustaining Capital (A\$m)*	8.5	27-32			15-20			
Expected AISC (A\$/ozAu)	2,182	2,400-2,600			1,800-2,000			
Growth Capital (A\$m)**	14	60-65			55-60			

* Includes UG development capital

**Excluding mining equipment purchase and financing



~20% increase
Production



~5% increase
Head Grade



~10% increase
Recovery

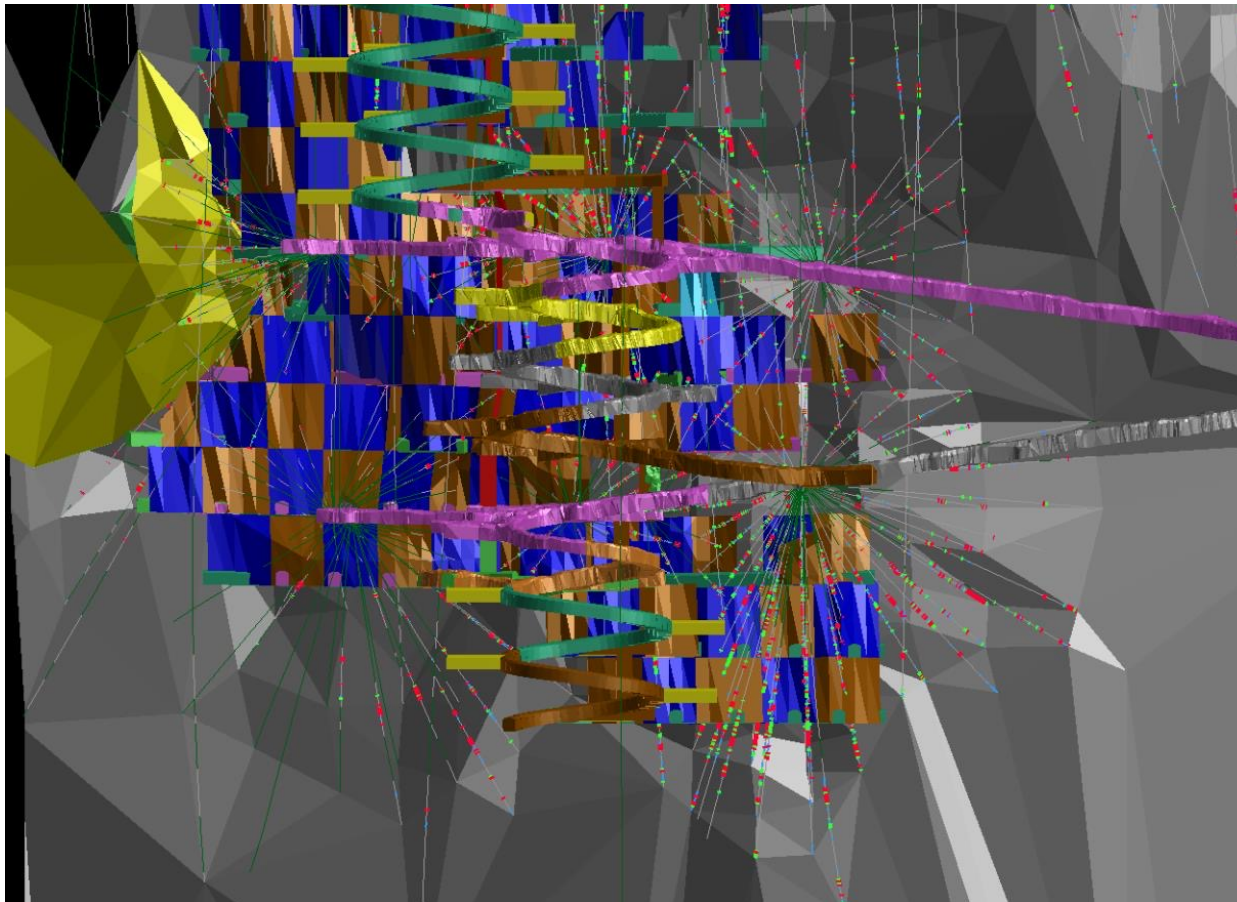


~33% decrease
Sustaining & Growth
Capital



~25% decrease
AISC

Roswell Underground



Levels
(looking west)

955

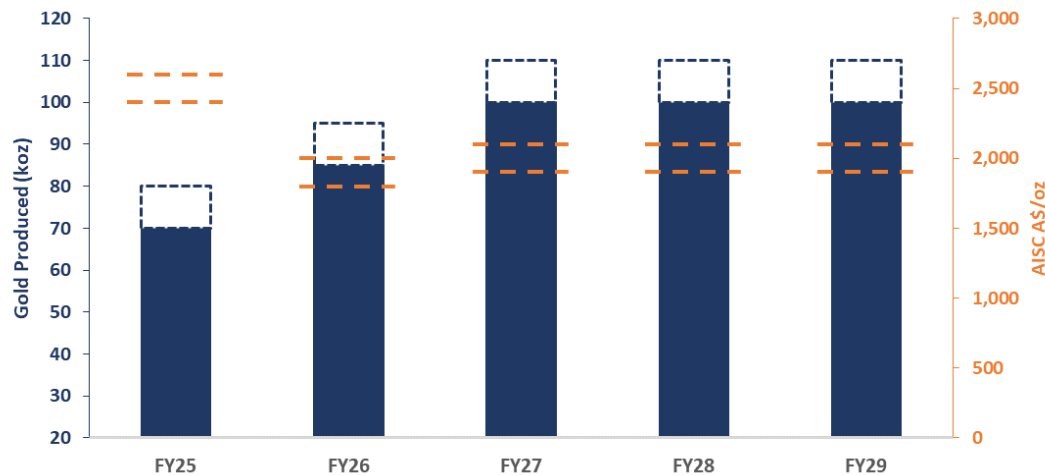
855

740

Five Year Plan Physicals

Financial Years	FY25	FY26	FY27-FY29
Production Range (ozAu)	70,000 – 80,000	85,000 – 95,000	100,000 – 110,000
Ore Source - Underground - Open Cut	100% 0%	100% 0%	60% 40%
Head Grade (g/t Au)	2.3	2.5	2.4
Expected AISC (A\$/ozAu)	2,400 – 2,600	1,800 – 2,000	1,900 – 2,100

Tomingley Estimated Production & AISC



Production Beyond Current Plan

- Mining has project approval to 2032, this can be extended on application
- Open cut reserves exist at San Antonio and Roswell beyond current five-year plan
- Resources are open at depth under Roswell, San Antonio and both Caloma pits; drilling ongoing
- Decision on which ore sources have best financial returns to be made in three to five years' time
- Regional exploration continues



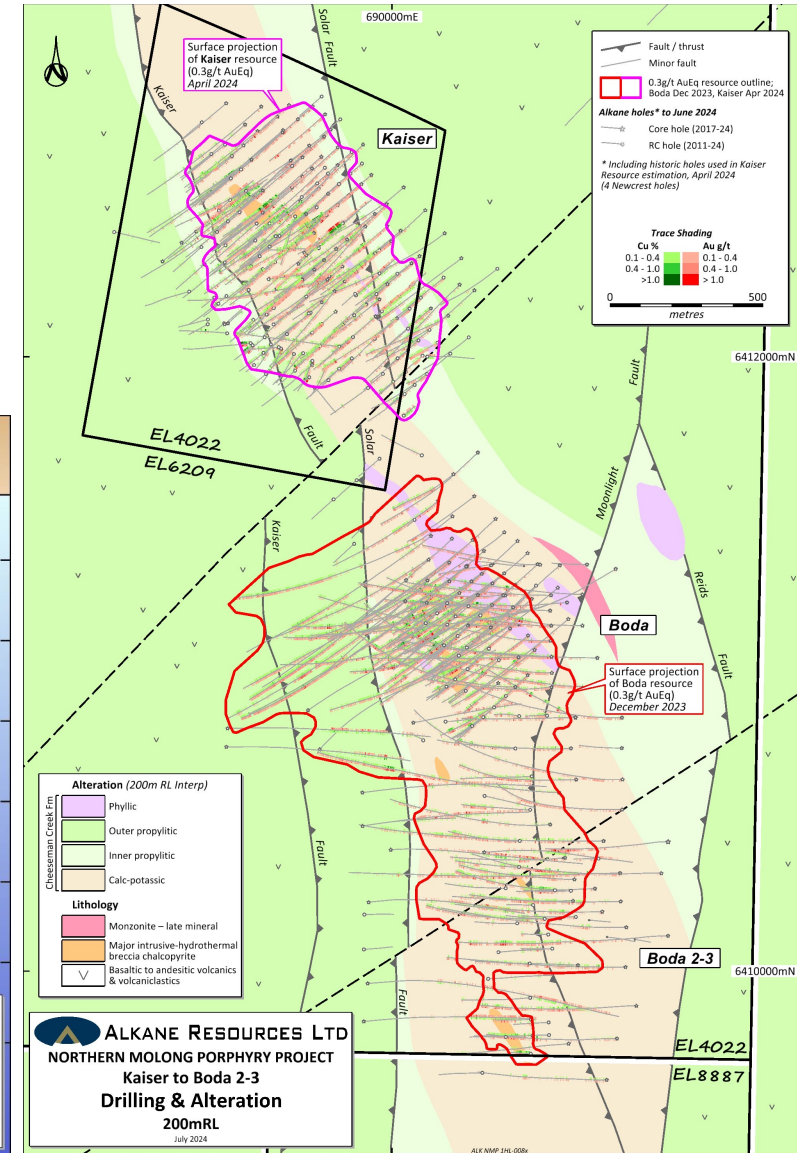
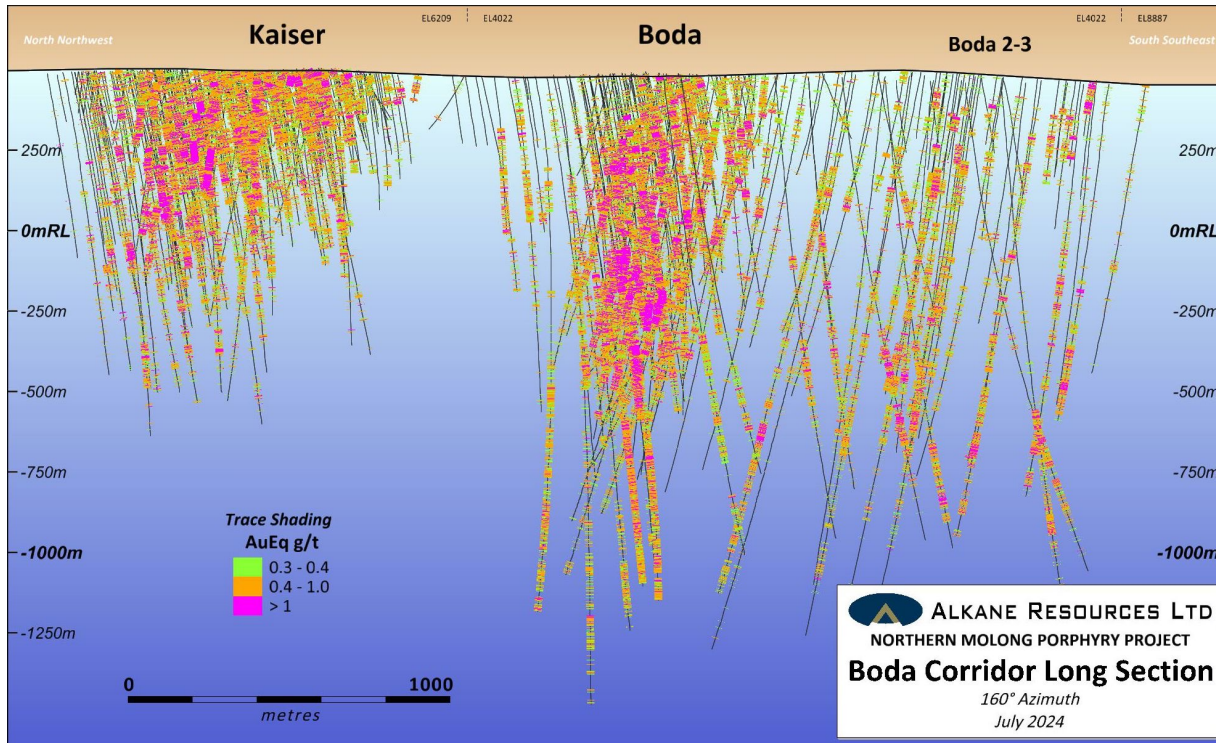


Boda-Kaiser



Geology & Resource

- ~15M oz Au eq. in resource



Summary Scoping Study Metrics

Au @ A\$4,000/oz



20 Mtpa
Throughput (2 x 10 Mtpa)



17+ years
Life of Mine



A\$1.8B
Capex (pre-production)



35,611 tpa
Copper (first 5 years)



159,334 oz pa
Gold (first 5 years)



A\$630.4 / oz
AISC (with copper by-product credit)



A\$5.1B
10-Year Free Cashflow (pre-tax)



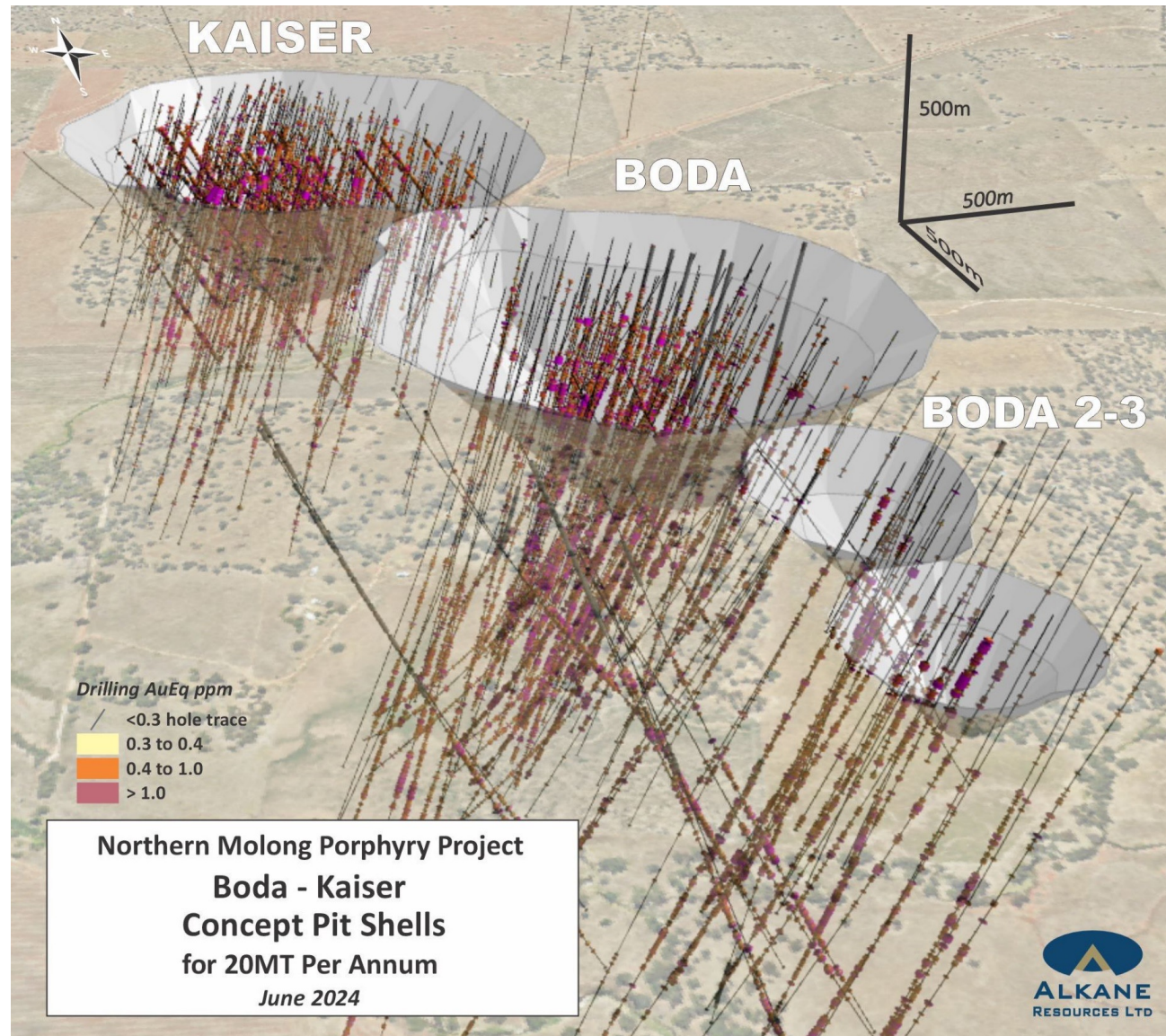
A\$2.4B
NPV (7%)



29%
IRR

Boda-Kaiser

- Regional exploration opportunities (~\$5m pa)
- Environmental studies commenced
- Further studies to reduce mining costs and assess potential for bulk-tonnage, underground mining
- ~15M oz Au eq. in resource
- Engaging with potential partners



Company Summary

Tomingley



Substantial cash and increase gold production to
100,000 oz Au (pa)



~\$115M capital for growth over next 18
months

Alkane



3 major projects approved
in last 12 years



Stock presents value opportunity
for shareholders

Boda-Kaiser



35,600 tonnes Cu



159,300 oz Au

(pa for first 5yrs)



<4-year payback



Environmental studies continuing



Engaging with potential partners



ALKANE
RESOURCES LTD



 @alkaneresources

 alkane-resources-ltd

 alkane.com.au

Find.

Enhance.

Deliver.

Board and Management



Ian Gandel
Non-Executive
Chairman



Nic Earner
Managing
Director



Ian Chalmers
Technical
Director



Gavin Smith
Non-Executive
Director



Anthony Lethlean
Non-Executive
Director



James Carter
CFO



Dennis Wilkins
Joint Company
Secretary



Simon Parsons
Executive General
Manager, Operations



Rod Griffith
General Manager,
Operations



Mike Sutherland
General Manager,
NSW



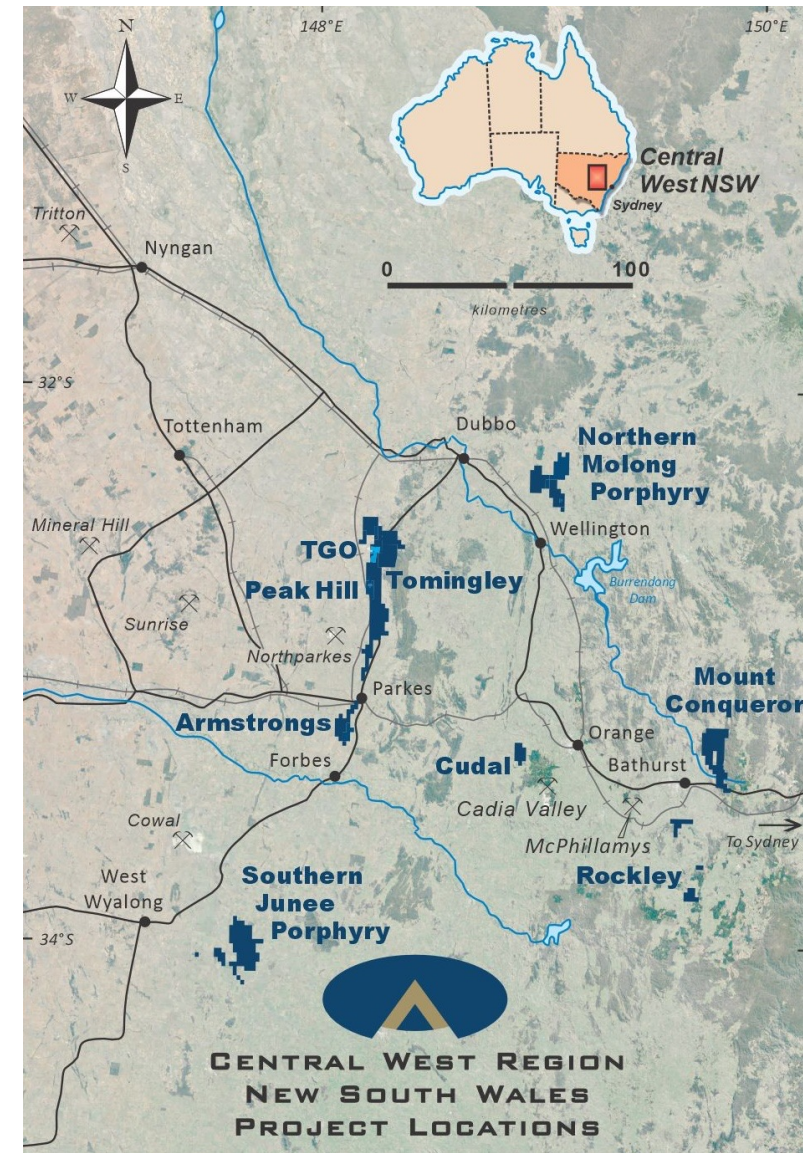
Brendan Ward
General Manager,
Legal & Commercial



David Meates
Exploration Manager,
NSW

Successful Explorers

- Alkane draws on its extensive experience to create value through mineral resource discoveries
 - Long term well-resourced team
 - Comprehensive databases
 - Detailed regional knowledge
- Successful at developing its discoveries and will also transact or joint venture for value
- At Tomingley, regional programs seek to add further mine life, in context of approval times
- On discovery, Alkane first increases knowledge and then increase drill density to produce a resource to de-risk projects
- Continue to be very cost effective in discovery to development
 - San Antonio / Roswell cost <\$20 per resource ounce
 - Boda / Kaiser cost <\$4 per resource ounce (equivalent)



Tomingley Resources

TOMINGLEY GOLD OPERATIONS MINERAL RESOURCES (at 30 June 2024)									
DEPOSIT	MEASURED		INDICATED		INFERRED		TOTAL		Total Gold (koz)
	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	
Open Pittable Reserves (cut-off 0.40g/t Au)									
Caloma One	0	0.0	0	0.0	0	0.0	0	0.0	0
Sub Total	0	0.0	0	0.0	0	0.0	0	0.0	0
Underground Reserves (cut-off 1.3g/t Au)									
Wyoming One	1013	2.7	763	2.2	108	2.1	1,884	2.5	149
Wyoming Three	46	2.2	24	2.0	20	1.9	90	2.1	6
Caloma One	602	2.2	916	2.0	469	2.0	1,987	2.1	132
Caloma Two	351	2.4	1261	2.4	462	1.8	2,074	2.3	153
Sub Total	2,012	2.5	2,964	2.2	1,059	1.9	6,035	2.3	444
TOTAL	2,012	2.5	2,964	2.2	1,059	2.1	6,035	2.3	441

TOMINGLEY GOLD EXTENSION PROJECT MINERAL RESOURCES (at 30 June 2024)									
DEPOSIT	MEASURED		INDICATED		INFERRED		TOTAL		Total Gold (koz)
	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	
Open Cut Resources (cut-off 0.4g/t Au Roswell and 0.5g/t Au San Antonio)									
Roswell			3,900	1.7	0	0.0	3,900	1.7	213
San Antonio			5,930	1.8	1,389	1.3	7,319	1.7	406
Sub Total	0	0.0	9,830	1.8	1,389	1.3	11,219	1.7	619
Underground Reserves (cut-off 1.3 g/t Au and 1.3g/t Au McLeans)									
Roswell	825	3.0	3,123	2.8	1,957	2.5	5,905	2.7	517
McLeans			0	0.0	870	2.5	870	2.5	70
Sub Total	825	3.0	3,123	2.8	2,827	2.5	6,775	2.7	587
TOTAL	825	3.0	12,953	2.0	4,216	2.1	17,994	2.1	1,206

TOMINGLEY GOLD EXTENSION PROJECT ORE RESERVES (at 30 June 2024)							
DEPOSIT	PROVED		PROBABLE		TOTAL		
	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	Gold (koz)
Open Pittable Reserves (cut-off 0.40g/t Au)							
Roswell	0	0.0	3,900	1.7	3,900	1.7	213
San Antonio	0	0.0	4,100	1.6	4,100	1.6	214
Sub Total	0		8,000	1.6	8,000	1.6	427
Underground Reserves (cut-off 1.6g/t Au)							
Roswell	881	2.4	2,202	2.4	3,082	2.4	236
San Antonio*	0	0.0	0	0.0	0	0.0	0
Sub Total	881	2.4	2,202	2.6	3,082	2.5	236
TOTAL	881	2.4	10,202	1.8	11,082	1.9	663

* San Antonio UG Reserves not determined at this time

TOMINGLEY GOLD OPERATIONS ORE RESERVES (at 30 June 2024)							
DEPOSIT	PROVED		PROBABLE		TOTAL		
	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	Gold (koz)
Open Pittable Reserves (cut-off 0.40g/t Au)							
Stockpiles	241	1.1	0	0	241	1.1	9
Sub Total	241	1.1	0	0.0	241	1.1	9
Underground Reserves (cut-off 1.3g/t Au)							
Wyoming One	87	1.9	105	1.7	192	1.8	11
Caloma One	86	1.8	105	1.8	190	1.8	11
Caloma Two	48	1.8	3	1.2	50	1.8	3
Sub Total	220	1.8	213	1.8	433	1.8	25
TOTAL	461	1.5	213	1.8	674	1.6	34

PEAK HILL GOLD PROJECT MINERAL RESOURCES (30 June 2024)						
Deposit	Resource Category	Cut-Off	Tonnes (Mt)	Gold Grade g/t	Gold Metal (Koz)	Copper Metal (%)
Proprietary U/G	Inferred	2g/t Au	1.02	3.29	108	0.15
TOTAL			1.02	3.29	108	0.15

Boda-Kaiser Resource

DEPOSIT	INDICATED			INFERRED			TOTAL				METAL		
	Tonnes (Mt)	Au (g/t)	Cu (%)	Tonnes (Mt)	Au (g/t)	Cu (%)	Tonnes (Mt)	AuEq (g/t)	Au (g/t)	Cu (%)	AuEq (Moz)	Au (Moz)	Cu (Mt)
Open Pittable Resources (cut-off 0.3g/t AuEq)													
Boda	191	0.36	0.17	42	0.29	0.16	233	0.58	0.35	0.17	4.31	2.60	0.39
Kaiser	179	0.27	0.20	10	0.29	0.14	189	0.54	0.27	0.19	3.28	1.66	0.37
Subtotal	370	0.32	0.18	52	0.29	0.16	422	0.56	0.31	0.18	7.59	4.26	0.76
Underground Resources (cut-off 0.4g/t AuEq)													
Boda	151	0.34	0.20	198	0.34	0.18	350	0.59	0.34	0.18	6.63	3.78	0.65
Kaiser	16	0.30	0.22	8	0.36	0.20	24	0.61	0.32	0.21	0.46	0.24	0.05
Subtotal	167	0.34	0.20	206	0.34	0.18	374	0.59	0.34	0.18	7.09	4.02	0.70
TOTAL	537	0.32	0.19	258	0.33	0.18	796	0.58	0.33	0.18	14.7	8.28	1.46

