



13 January 2025

Quarterly Activities Report to 31 December 2024

Tomingley Gold Operations (Tomingley)

- Gold sales for the quarter of 16,576oz for revenue of A\$59.4m at an average price of A\$3,582/oz.
- FY2025 guidance for Tomingley of 70,000oz to 80,000oz production at an AISC of A\$2,400/oz to \$2,600/oz remains unchanged. The AISC guidance reflects a one-off cost for decline development that is accounted as sustaining capital and included in the AISC.
- Gold production of 14,852oz was below forecast for the quarter, offset by the gold-in-circuit which increased by ~1,700oz, with elution stripping reduced over the Christmas period.
- Site operating cash costs at A\$2,015/oz and AISC of A\$3,053/oz. Site operating cash flow was A\$19.3m for the quarter.
- Processing recoveries were 84.2% for the quarter. The new flotation and fine grind circuit was commissioned during the quarter, and recoveries in December 2024 were 87.3%. The circuit continues to be optimised to increase recovery.

Tomingley Gold Extension Project (TGEP)

- Commissioning of the new paste plant continues, with the first paste delivered underground early in January 2025.

Exploration

- Regional exploration around Tomingley has yielded several prospective mineralised targets that will be tested throughout 2025 (see ASX Announcement 7 October 2024).
- Exploration drilling at Boda-Kaiser commenced during the quarter, and results are expected in the March 2025 quarter.

Corporate

- Cash, bullion, and listed investments totalled A\$42.4m. Total liquidity was \$57.4m at the end of the quarter including the A\$15.0m undrawn portion of the \$60.0m project finance facility.
- Significant investments totalling \$10.8m were made during the quarter in the Tomingley expansion – details are discussed in the Corporate section of the report. This current phase of capital growth is now complete.
- Alkane continues to hold shares in Medallion Metals Limited (ASX:MM8), with ownership of ~4.9% of their shares on issue.

CONTACT : NIC EARNER, MANAGING DIRECTOR, ALKANE RESOURCES LTD, TEL +61 8 9227 5677
INVESTORS : NATALIE CHAPMAN, CORPORATE COMMUNICATIONS MANAGER, TEL +61 418 642 556
MEDIA : PAUL RYAN, CITADEL-MAGNUS, TEL +61 409 296 511



Alkane Managing Director, Nic Earner said: *“This has been a significant quarter for Alkane with the commissioning of two new circuits. The flotation and fine grind circuit has already started to improve gold recovery, and the paste plant has delivered its first fill underground early in January 2025.*

“The expenditure in the current phase of the Tomingley expansion is now largely complete. Our attention is on optimising and leveraging the value from these two projects and early work with the contractor and regulator on the Newell Highway diversion.”



TOMINGLEY GOLD OPERATIONS

Tomingley Gold Operations Pty Ltd 100%

Tomingley Gold Operations (Tomingley) is a wholly owned subsidiary of Alkane, located near the village of Tomingley, approximately 50km southwest of Dubbo in Central Western New South Wales. Tomingley has been operating since 2014. Mining occurs underground on four gold deposits (Wyoming One, Caloma One, Caloma Two and Roswell).

Operations Performance

Tomingley had another solid quarter, the main ore source continues to be from Roswell. Whilst poured gold was below the forecast, this was timing-related as gold-in-circuit (GIC) increased considerably. Stripping of GIC in the elution circuit was reduced over the Christmas period.

A total of 14,852 ounces of gold was poured for the quarter. The site cash costs for the quarter were A\$2,015/oz with an all-in sustaining cost (AISC) of A\$3,053/oz. FY2025 guidance for Tomingley of 70,000oz to 80,000oz production at an AISC of A\$2,400/oz to \$2,600/oz remains unchanged. The AISC guidance reflects a one-off increase in decline development that is accounted as sustaining capital and included in the AISC.

Gold sold for the quarter was 16,576 ounces at an average sales price of A\$3,582/oz, generating revenue of A\$59.4m. Bullion stocks were 1,066 ounces (fair value of A\$4.5m at quarter end). The site's operating cash flow was A\$19.3m for the quarter.

Tomingley Gold Extension Project

The flotation and fine grind circuit was commissioned during the quarter and continues to be optimised to further increase recovery. Recoveries in December 2024 were 87.3%, approximately 5% above the recovery that would have been achieved without the circuit in place.

The new paste plant commenced commissioning in December 2024, with the first paste delivered underground early in January 2025. Further commissioning and stabilisation of the paste plant will occur through the current March 2025 quarter.

Commissioning of these two projects finishes the current phase of capital growth, with expenditure now largely complete.

The Newell Highway road diversion contractor submitted their environmental and construction management plans to the regulator during the quarter.

Exploration

Initial testing of targets under the existing San Antonio resource commenced, and results are expected to be received during the current March 2025 quarter. Extensive aircore drilling is progressing, testing the eastern volcanic sequence.



Paste plant in operation



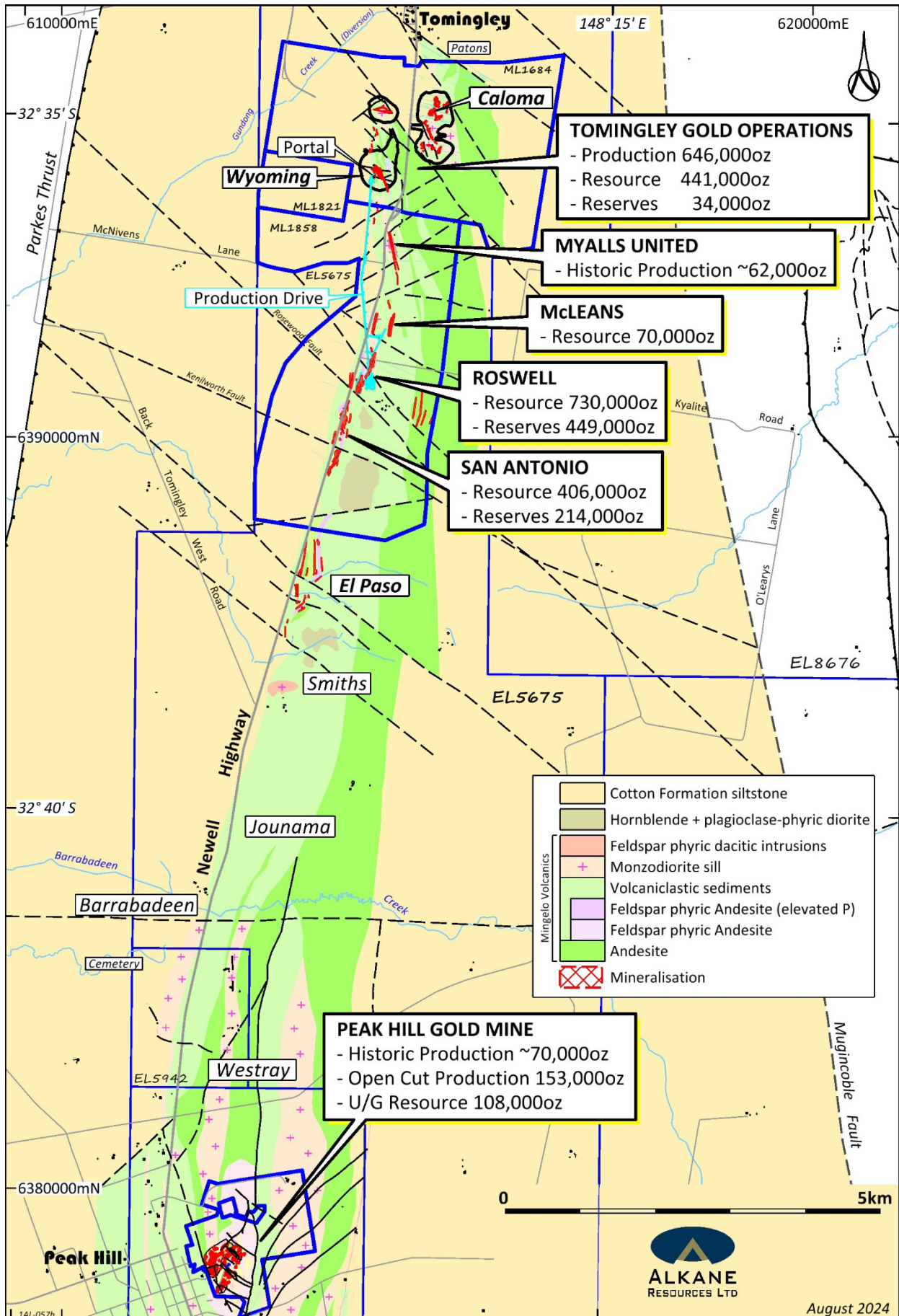
Paste plant belt filter



Tomingley FY 2025 Quarterly and Annual Production Figures

Tomingley Production		FY 2024	Sep Quarter 2024	Dec Quarter 2024	FY 2025
Underground					
Ore mined	Tonnes	1,047,035	282,061	264,263	546,684
Grade	g/t	2.10	2.38	2.24	2.31
Ore milled	Tonnes	1,132,538	264,370	268,614	532,984
Head grade	g/t	2.00	2.44	2.25	2.34
Recovery	%	78.4	84.8	84.2	84.5
Gold poured	Ounces	57,217	18,418	14,852	33,270
Revenue Summary					
Gold sold	Ounces	57,592	18,208	16,576	34,785
Average price realised	A\$/oz	3,004	3,422	3,582	3,498
Gold revenue	A\$M	173.0	62.3	59.4	121.7
Cost Summary					
Surface works	A\$/oz	33	37	44	40
Mining	A\$/oz	800	1,165	1,198	1,181
Processing	A\$/oz	504	461	535	496
Site Support	A\$/oz	205	177	238	206
C1 Site Cash Cost	A\$/oz	1,541	1,840	2,015	1,923
Royalties	A\$/oz	94	117	103	111
Sustaining capital	A\$/oz	401	466	578	519
Gold in circuit and inventory movements	A\$/oz	15	(320)	254	(47)
Rehabilitation	A\$/oz	20	26	47	36
Corporate	A\$/oz	66	53	57	55
AISC¹	A\$/oz	2,137	2,182	3,053	2,598
Bullion on hand	Ounces	2,500	2,704	1,066	1,066
Stockpiles					
Ore for immediate milling	Tonnes	241,179	258,871	251,767	251,767
Grade	g/t	1.13	1.15	1.11	1.11
Contained gold	Ounces	8,776	9,602	9,005	9,005

¹AISC = All in Sustaining Cost comprises all site operating costs, royalties, mine exploration, sustaining capex, mine development and an allocation of corporate costs, calculated on the basis of ounces sold. AISC does not include share-based payments or net realisable value provision for ore inventory.





CORPORATE

Cash, Bullion and Listed Investments

Description	Sep-24 Quarter A\$m	Dec-24 Quarter A\$m
Cash	40.2	35.0
Bullion	10.3	4.5
Cash and bullion sub-total	50.5	39.5
Listed investments	1.5	2.9
Total cash, bullion and listed investments	52.0	42.4

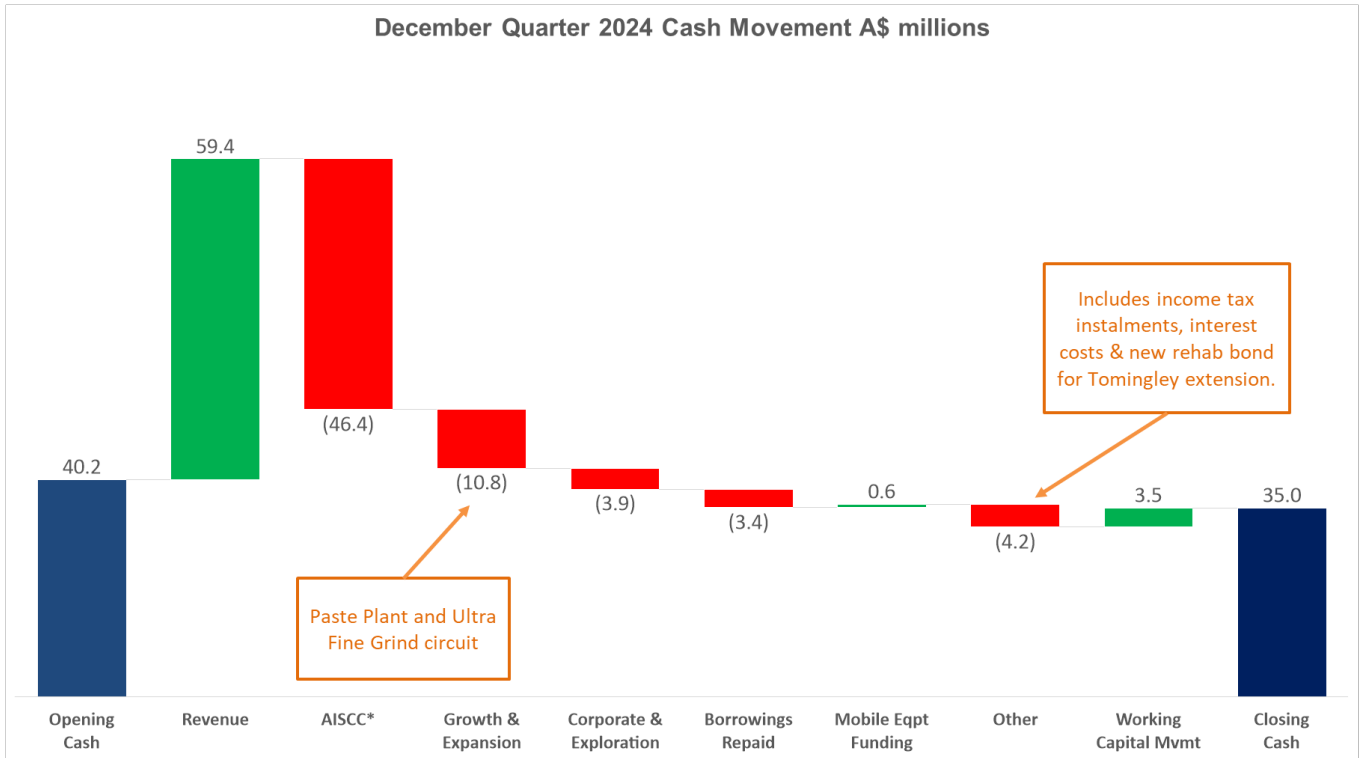
Banking Facilities

At the end of the quarter, the Company had \$18.3m of mobile equipment financing, which decreased from the September quarter due to net repayment.

Alkane has a Project Loan Facility of \$60.0m with Macquarie Bank Limited (Macquarie) to develop the Tomingley Gold Extension Project. This facility had no change during the quarter, with \$45.0m drawn.

Cashflows

The waterfall chart below summarises the quarterly movement in cash held (excludes bullion and investments held at the beginning and end of the period):



*AISCC – The Gold in circuit movement from the AISCC table on page 5 is a non-cash movement so is excluded from the cashflow waterfall above.



Cashflow Discussion and Analysis

Revenue **\$59.4 million**

During the quarter, Tomingley Gold Operations sold 16,576 ounces at an average price of A\$3,582/oz (approximately 90% of the average gold price for the December 2024 quarter). This included the delivery of 6,300 ounces into forward sales contracts at an average of \$2,792/oz. Further details of the current forward sales can be found below.

AISCC (All-In Sustaining Cash Cost) **\$46.4 million**

All-in sustaining cash outflows for the quarter were \$45.6m (note this excludes the gold in circuit and inventory movement from the table on page 5 as these are non-cash). Operating costs were largely driven by underground mining, with 282,061 tonnes of ore mined during the quarter.

Sustaining capital was \$578/oz or \$9.6m for the quarter. The major item of spend during the quarter was underground capital development and two underground truck refurbishments.

Growth and Expansion **\$10.8 million**

Outflows for the quarterly were in line with planned pre-development and capital mine development plans associated with the Tomingley Gold Extension Project

The major expenditure items were the Paste Plant and Process Plant Upgrade capital projects. Both of these projects were commissioned in the December 2024 quarter. There will be some minor cash outflows on the two projects during the current March 2025 quarter as part of their respective finalisation.

Corporate and Exploration **\$3.9 million**

Corporate was \$2.6m, and exploration was \$1.3m, with the main area of exploration being the Northern Molong Porphyry Project.

Other **\$4.2 million**

- Tax instalments of \$1.3m. These are PAYG instalments of corporate income tax paid on a monthly basis. The FY 2024 income tax of \$3.6m will be paid in the March quarter.
- Interest expense associated with mobile lease and project finance of \$1.3m.
- Additional rehabilitation bonding associated with Tomingley of \$1.6m.

Borrowings Repaid **\$3.4 million**

Repayments of mobile equipment finances leases.

Mobile Equipment Funding **\$0.6 million**

The lease financed a new grader during the quarter.

Investments

At the end of the quarter, Alkane holds ~9m shares in Sky Metals (ASX:SKY). Alkane also holds 20m shares in Medallion Metals Limited (ASX:MM8), ownership of ~4.9% of shares on issue.



Gold Forward Sale Contracts

The Company holds the following forward sale contracts.

Quarter	Average Forward Price A\$/oz	Delivery Ounces
March 2025	2,804	6,600
June 2025	2,818	7,200
September 2025	2,832	7,250
December 2025	2,843	8,200
March 2026	2,855	8,700
June 2026	2,870	8,500
September 2026	2,884	7,800
December 2026	2,896	7,200
March 2027	2,821	7,300
June 2027	2,844	6,650
Total	2,847	75,400

The Company also holds the following put options. Ownership of the options means that nearly 100% of the non-hedged ounces forecast to be produced from underground over FY2025-27 cannot receive revenue less than A\$3,000/oz.

Expiry Date	Strike Price A\$/oz	Put Option Ounces
29 January 2025	3,000	3,537
26 February 2025	3,000	3,537
31 March 2025	3,000	3,537
30 April 2025	3,000	3,896
30 May 2025	3,000	3,896
30 June 2025	3,000	3,896
29 July 2025	3,000	3,899
28 August 2025	3,000	3,899
26 September 2025	3,000	3,899
29 October 2025	3,000	3,870
27 November 2025	3,000	3,870
29 December 2025	3,000	3,870
29 January 2026	3,000	4,983
26 February 2026	3,000	4,983
27 March 2026	3,000	4,983
28 April 2026	3,000	4,386
28 May 2026	3,000	4,386
26 June 2026	3,000	4,386
29 July 2026	3,000	4,196
27 August 2026	3,000	4,196
28 September 2026	3,000	4,196
29 October 2026	3,000	3,877
26 November 2026	3,000	3,877
29 December 2026	3,000	3,877
28 January 2027	3,000	3,920
25 February 2027	3,000	3,920
29 March 2027	3,000	3,920
28 April 2027	3,000	4,029
27 May 2027	3,000	4,029



28 June 2027	3,000	4,029
Total	3,000	121,779

NORTHERN MOLONG PORPHYRY PROJECT (NMPP) (gold-copper)

Alkane Resources Ltd 100%

The drill program testing targets at South Boda commenced during the December 2024 quarter. Results are expected later in the current March 2025 quarter. Drilling at Boda, Driell Creek and other targets will recommence once the drill crew return to the site following the Christmas and New Year break.



Competent Person

Unless otherwise advised above or in the Announcements referenced, the information in this report that relates to 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 report of the matters based on his information in the form and context in which it appears.

Previously Reported Information

The information in this report that references previously reported exploration results, mineral resources, production plans and studies is extracted from the Company's ASX market announcements released on the date noted in the body of the text where that reference appears (specifically the information in this report that relates to Mineral Resources and Reserves is extracted from the announcement dated 4 September 2024, the Tomingley five year plan is extracted from the announcement dated 24 June 2024 and the Boda-Kaiser scoping study is extracted from the announcement dated 10 July 2024). The previous market announcements are available to view on the Company's website or on the ASX website (www.asx.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of mineral resources or ore reserves, that all material assumptions and technical parameters underpinning the estimates in the original market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

Disclaimer

This report contains certain forward looking statements and forecasts, including possible or assumed reserves and resources, production levels and rates, costs, prices, future performance or potential growth of Alkane Resources Ltd, industry growth or other trend projections. Such statements are not a guarantee of future performance and involve unknown risks and uncertainties, as well as other factors which are beyond the control of Alkane Resources Ltd. Actual results and developments may differ materially from those expressed or implied by these forward looking statements depending on a variety of factors. Nothing in this report should be construed as either an offer to sell or a solicitation of an offer to buy or sell securities.

This document has been prepared in accordance with the requirements of Australian securities laws, which may differ from the requirements of United States and other country securities laws. Unless otherwise indicated, all ore reserve and mineral resource estimates included or incorporated by reference in this document have been, and will be, prepared in accordance with the JORC classification system of the Australasian Institute of Mining, and Metallurgy and Australian Institute of Geoscientists.

This document has been authorised for release to the market by Nic Earner, Managing Director.

ABOUT ALKANE - www.alkane.com.au - ASX: ALK

Alkane Resources intends to grow to become one of Australia's multi-mine gold and copper producers.

The Company's current gold production is from the Tomingley Gold Operations in Central West New South Wales, which has been operating since 2014 and has operating plans extending beyond 2030.

Alkane has an enviable exploration track record and controls several highly prospective gold and copper tenements. Its most advanced exploration projects are in the tenement area between Tomingley and Peak Hill, which has the potential to provide additional ore for Tomingley's operations.

Alkane's exploration success includes the landmark porphyry gold-copper mineralisation discovery at Boda in 2019. With exploration drilling ongoing and an economic development pathway shown in a scoping study, Alkane is confident of further consolidating Central West New South Wales' reputation as a significant gold and copper production region.

Alkane's gold interests extend throughout Australia, with strategic investments in other gold exploration and aspiring mining companies.

