ASX and MEDIA RELEASE

7 April 2025

ALKANE RESOURCES LTD
ABN 35 000 689 216

High-Grade Intercepts in Resource Expansion Drilling at Tomingley

Caloma and Roswell Return Significant Results

- **Underground core drilling at Tomingley is focused on defining extensions to resources as well as pre-mining grade control within existing defined resources and reserves.**

- **At the Caloma One deposit, underground resource expansion drilling of 71 holes for 15,264 metres tested mineralised structures adjacent to the defined resources. These are known as Lodes 13, 18, 19, 54 and 58, with individual drill holes often intercepting multiple lodes. Selected intercepts include:**

CL1UG128D	**10.8 metres grading 4.73g/t Au from 116.8 metres;**
incl	**1 metre grading 31.30g/t Au from 126.6 metres.**
CL1UG238D	**6 metres grading 29.92g/t Au from 84 metres.**
CL1UG250D	**4.5 metres grading 28.48g/t Au from 181 metres;**
incl	**2.7 metres grading 36.55g/t Au from 118 metres.**
CL1UG253D	**3.1 metres grading 196.95g/t Au from 115.4 metres;**
incl	**1 metre grading 589g/t Au from 116 metres.**
CL1UG260D	**6.5 metres grading 6.92g/t Au from 145.7 metres;**
incl	**2.3 metres grading 15.57g/t Au from 145.7 metres.**
CL1UG283D	**6.4 metres grading 13.50g/t Au from 103 metres;**
incl	**0.8 metres grading 46.70g/t Au from 105.2 metres;**
also	**0.8 metres grading 32.10g/t Au from 107 metres.**
CL1UG287D	**8.5 metres grading 9.25g/t Au from 83 metres;**
incl	**1 metres grading 21.30g/t Au from 83 metres;**
also	**0.8 metres grading 33.20g/t Au from 86 metres;**
also	**0.8 metres grading 17.45g/t Au from 90.7 metres**
CL1UG289D	**8 metres grading 16.98g/t Au from 83 metres;**
incl	**2.8 metres grading 39.65g/t Au from 86 metres.**
CL1UG292D	**8 metres grading 25.47g/t Au from 75 metres;**
incl	**3.2 metres grading 62.38g/t Au from 76 metres.**
CL1UG297D	**7.4 metres grading 5.89g/t Au from 41.6 metres;**
incl	**0.7 metres grading 11.10g/t Au from 41.6 metres;**
and	**0.6 metres grading 14.95g/t Au from 43.2 metres;**

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, SODALI, TEL +61 409 296 511

Level 4, 66 Kings Park Rd, West Perth WA 6005, AUSTRALIA (PO Box 768, West Perth WA 6872, AUSTRALIA)
Telephone: +61 8 9227 5677 www.alkane.com.au mail@alkane.com.au

- **An intensive underground diamond drill program within the existing indicated and inferred resource areas is also in progress at Roswell. Results have been received from 13 holes for 2,395m that were focussed within the upper portion of the Roswell Lodes 2 and 6, which confirmed multiple wide, high-grade gold intercepts. Results include:**

ROSUG511D	**57.05 metres grading 3.84g/t Au from 97.1 metres.**
ROSUG512D	**56.8 metres grading 4.75g/t Au from 98.4 metres.**
ROSUG513D	**58 metres grading 11.59g/t Au from 95.7 metres;**
incl	**5 metres grading 82.51g/t Au from 119.3 metres.**
ROSUG514D	**33.45 metres grading 3.50g/t Au from 97.85 metres;**
and	**23.5 metres grading 4.04g/t Au from 134 metres.**
ROSUG515D	**43.8 metres grading 3.08g/t Au from 113.4 metres.**
ROSUG516D	**64.9 metres grading 2.82g/t Au from 95.9 metres.**
ROSUG517D	**54.2 metres grading 5.39g/t Au from 104.8 metres;**
incl	**5 metres grading 25.02g/t Au from 149 metres.**
ROSUG521D	**47 metres grading 5.07g/t Au from 118 metres;**
incl	**7 metres grading 16.74g/t Au from 154 metres.**
ROSUG522D	**35.9 metres grading 4.90g/t Au from 134.1 metres;**
incl	**9 metres grading 15.96g/t Au from 172 metres.**

- **Underground drilling continues at the Caloma Two, Wyoming One and Roswell deposits.**

Alkane Resources Limited (ASX: ALK) ('Alkane' or 'the Company') is pleased to announce the latest results for underground expansion and pre-mine grade control drilling around the existing resources at the Company's Tomingley Gold Operations (Tomingley) in Central New South Wales.

Alkane Managing Director Nic Earner said: *"Most of Tomingley's deposits remain open at depth and along strike. This drilling further demonstrates the significant resource expansion potential across the mine site. Underground drilling continues at other deposits.*

"We will now evaluate the economic recovery potential of these new Caloma One lodes, which may result in further drilling to allow inclusion into our reserves. The Roswell pre-mine grade control results will be used in future updates to the reserve. The Tomingley orebody continues to demonstrate both widespread mineralisation and high-grade lodes, demonstrated at Caloma by CL1UG253D with 3.1m grading 196.95g/t Au and at Roswell by ROSUG513D with 58m grading 11.59g/t Au. We look forward to mining through these areas in the years ahead at Tomingley."

Tomingley Gold Operations (TGO)

Alkane Resources Ltd 100%

Tomingley Gold Mine is an open pit and underground mining development with a 1Mtpa processing facility in operation since 2014. The development is located near the village of Tomingley, approximately 50 kilometres southwest of Dubbo in Central West New South Wales. Tomingley Gold Operations Pty Ltd is a wholly owned subsidiary of Alkane.

Development at Tomingley has been based on the Wyoming One, Wyoming Three, Caloma One, Caloma Two and Roswell gold deposits. To date in FY25, mining occurred underground at Wyoming One, Caloma One, Caloma Two and Roswell deposits. Roswell stope ore production came on stream in April 2024 (ASX Announcement 22 April 2024) via an approximately 3km decline from the Wyoming One open cut.

The mineralisation and associated sericite-carbonate-albite-quartz-pyrite-arsenopyrite alteration assemblage at Tomingley is typical of orogenic lode-style gold deposits which are located within a tightly folded Ordovician volcano-sedimentary sequence. Mineralised fluids are interpreted to have been focused by differential strain in and around andesite sills due to the rheological competency contrast between the sills and the bounding volcaniclastic sediments. The brittle nature of the sills often leads to the development of shear-hosted sheeted quartz vein and breccia deposits within and adjacent to the andesite bodies. Separately, thin carbonaceous mudstone strata appear to have been a focus for shearing and a chemical trap for gold.

Since underground mining commenced in 2018, extensive underground drilling has been employed to define ore reserves for extraction and maintain exploration to define additional resources. The most recent Reserves and Resources were summarised in the ASX release on 4 September 2024 “Annual Resources and Reserves Statement FY24”.

The exploration focus at Tomingley is to define additional underground resources that lie outside the existing Resource and Reserves model for the operation.

Caloma One

The Caloma One system is approximately 600 metres in north-south strike and up to 20 metres in width, within which multiple lodes of varying dimensions have been identified. In the current program, 71 core holes for 15,264m have been drilled targeting and infilling areas proximal to the current Caloma One underground operations.

These underground diamond holes have been drilled from specific platforms on development levels within the mine in a fan configuration to achieve a nominal 20m by 15m intercept pattern to inform an initial Indicated Resource Estimation on extensions within the Caloma One deposit.

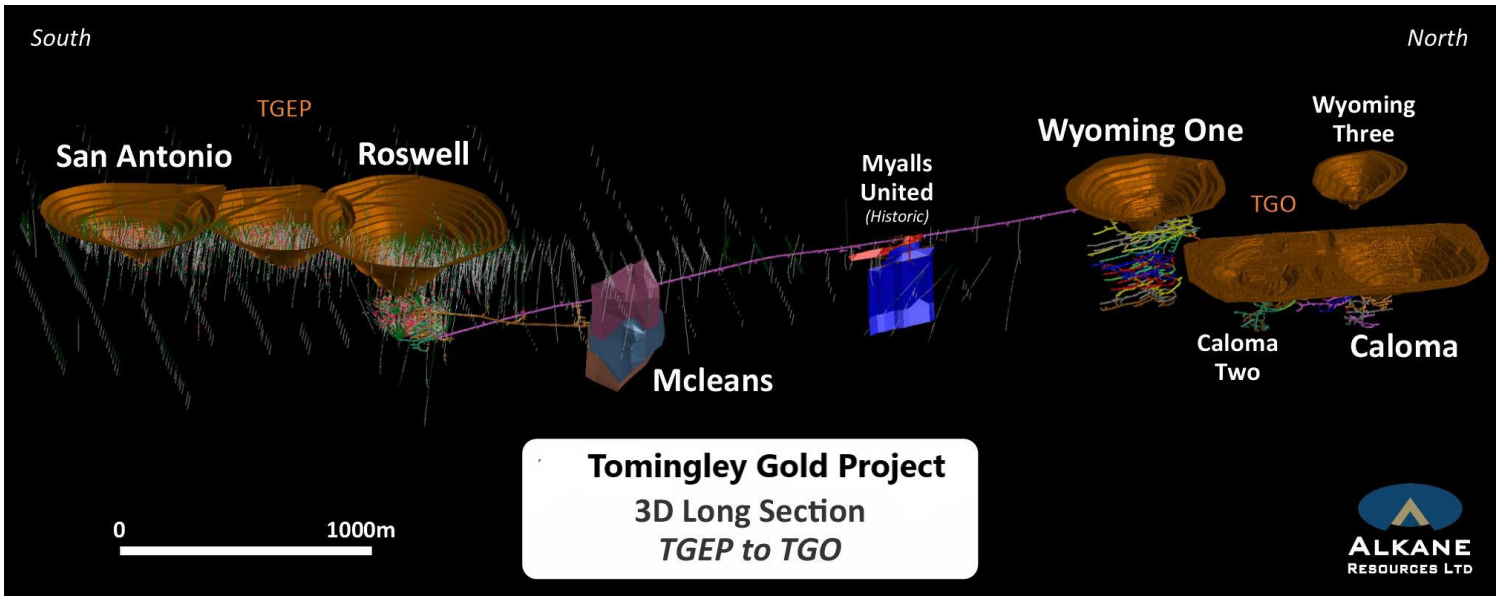
The holes are geologically logged and sampled to provide potential mine shapes, designated as lodes. There are currently 36 lodes within the Caloma One deposit, with the majority mined out previously during the open pit operations. The data in this report primarily relates to the drilling of the underground targets known as Lodes 13, 18, 19, 54, 55, 58 and 59. These Lodes all dip 50-70 degrees to the west and have variable strike lengths and dimensions.

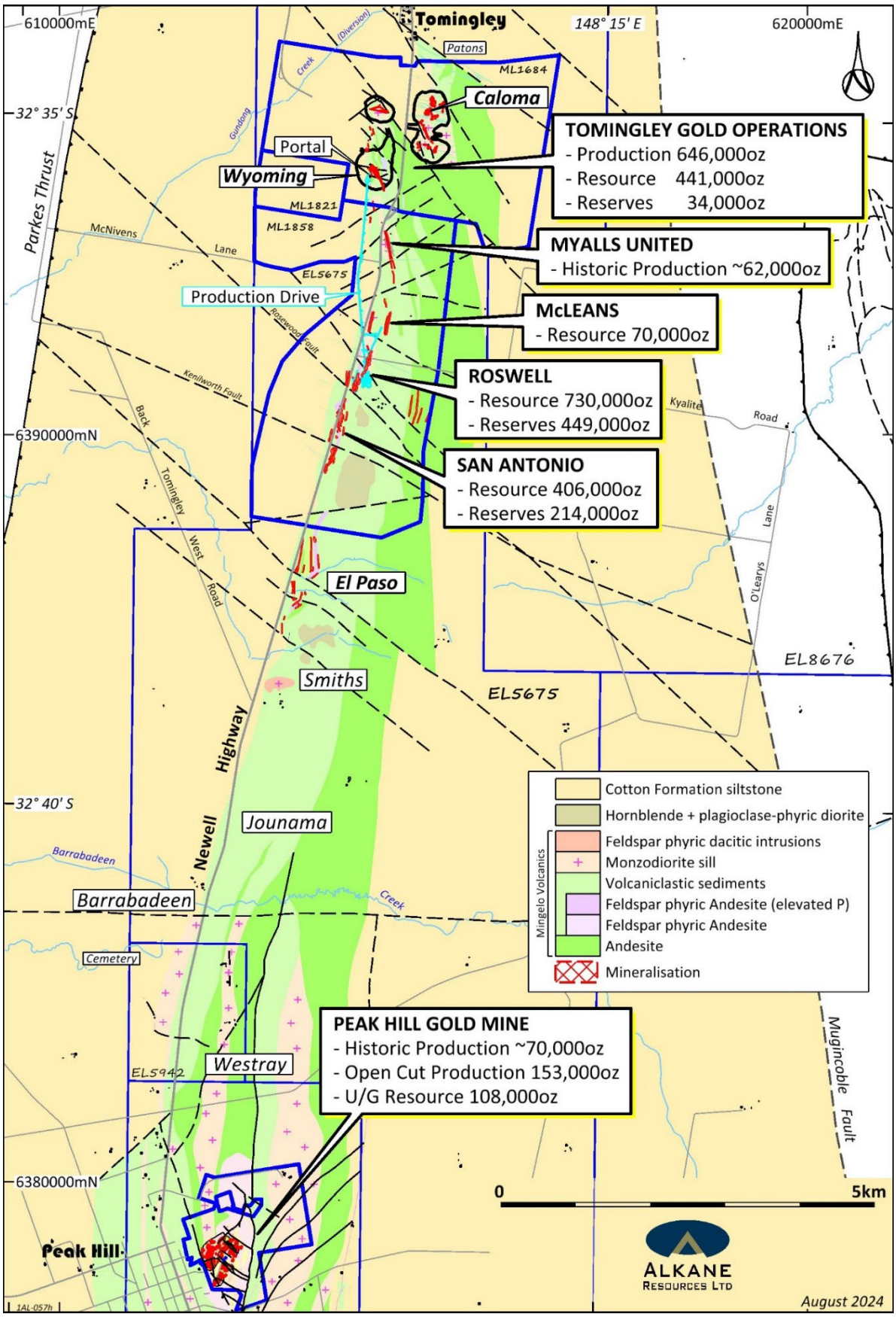
Narrow, late, unmineralised east-west dolerite dykes displace the lode structures.

Roswell

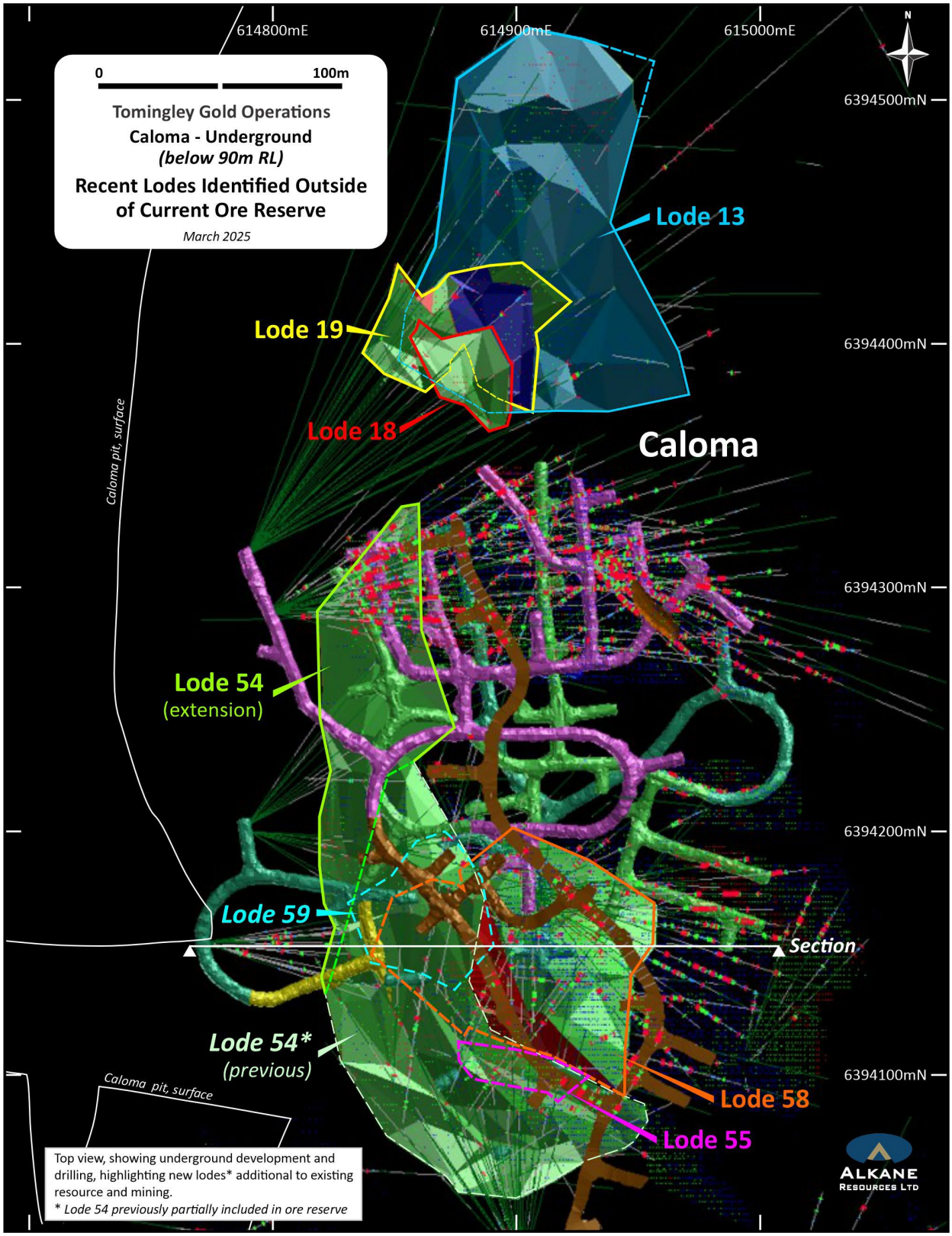
The Roswell deposit (together with the San Antonio deposit to the south) forms a semi-continuous north-south zone of mineralisation trending over 1.5 kilometres. This zone is displaced by northwest striking faults and rare narrow post-mineralised dolerite dykes. Mineralisation at the southern part of Roswell is extensive over a corridor of 400m strike length with widths up to 100 metres, hosting multiple near vertical to steep east-dipping lode structures.

This area is undergoing a major underground diamond drilling infill program within the existing Indicated and Inferred resource areas. The current program is drilling from the operation's 1010 level drill platform, infilling a section of the Indicated resource, within the upper portion of the Roswell Lodes 2 and 6. The grade control diamond program is being drilled on a nominal 15m x 20m drill spacing infilling existing exploration holes and providing the basis for conversion to Ore Reserves. The holes being reported are a small part of the current drill program. Results of 13 holes for 2,359m have been received.





Refer to the tables on pages 10 and 11 for relevant data, and in the Annual Resources and Reserve Statement FY24 (ASX Announcement 4 September 2024)


614800mE
614900mE
615000mE
N
0
100m
Tomingley Gold Operations
Caloma - Underground
(below 90m RL)
Recent Lodes Identified Outside of Current Ore Reserve
March 2025
6394500mN
6394400mN
6394300mN
6394200mN
6394100mN
Lode 13
Lode 19
Lode 18
Caloma
Caloma pit, surface
Lode 54
(extension)
Lode 59
Section
Lode 54*
(previous)
Caloma pit, surface
Lode 58
Lode 55
Top view, showing underground development and drilling, highlighting new lodes* additional to existing resource and mining.
* Lode 54 previously partially included in ore reserve
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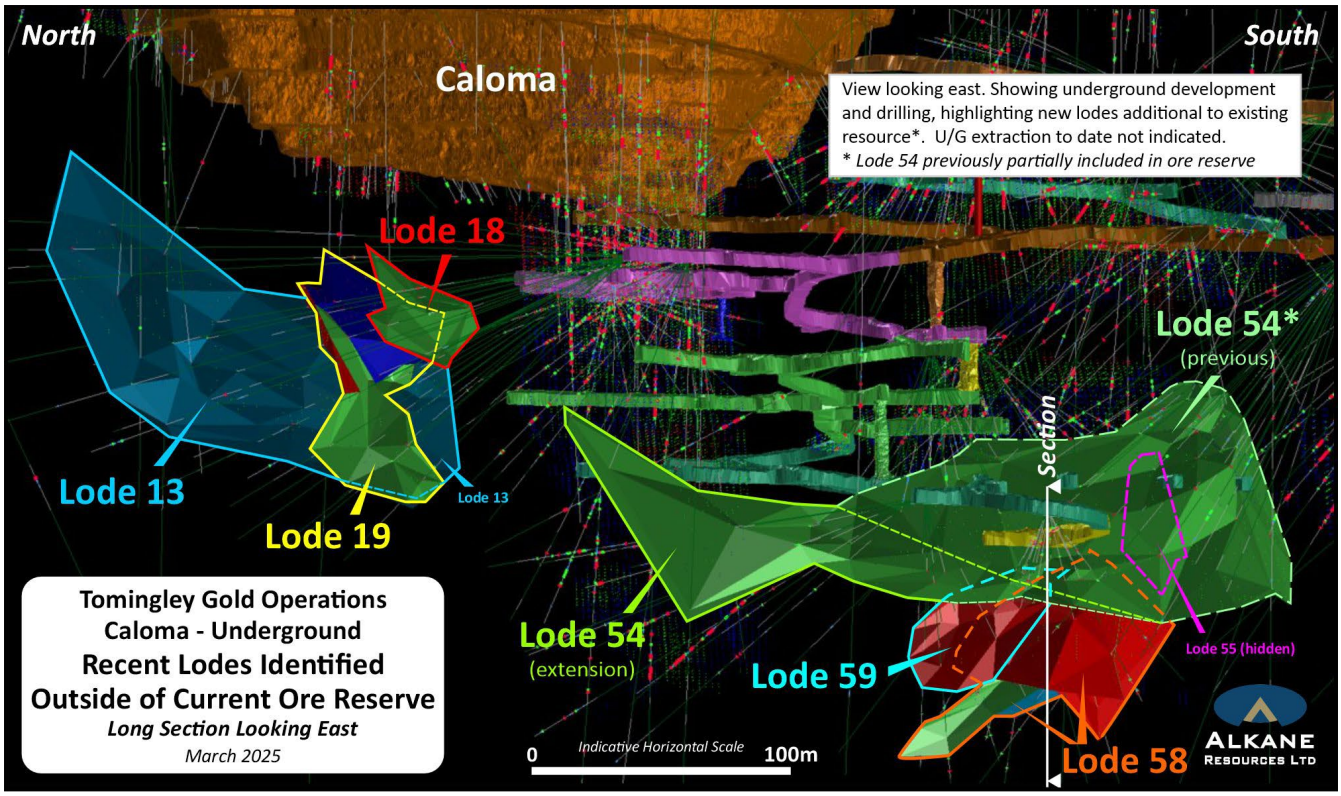
North
South
Caloma
View looking east. Showing underground development and drilling, highlighting new lodes additional to existing resource*. U/G extraction to date not indicated.
* Lode 54 previously partially included in ore reserve
Lode 18
Lode 13
Lode 19
Lode 13
Lode 54*
(previous)
Section
Lode 54
(extension)
Lode 59
Lode 55 (hidden)
Lode 58
Tomingley Gold Operations
Caloma - Underground
Recent Lodes Identified
Outside of Current Ore Reserve
Long Section Looking East
March 2025
0
Indicative Horizontal Scale
100m
ALKANE
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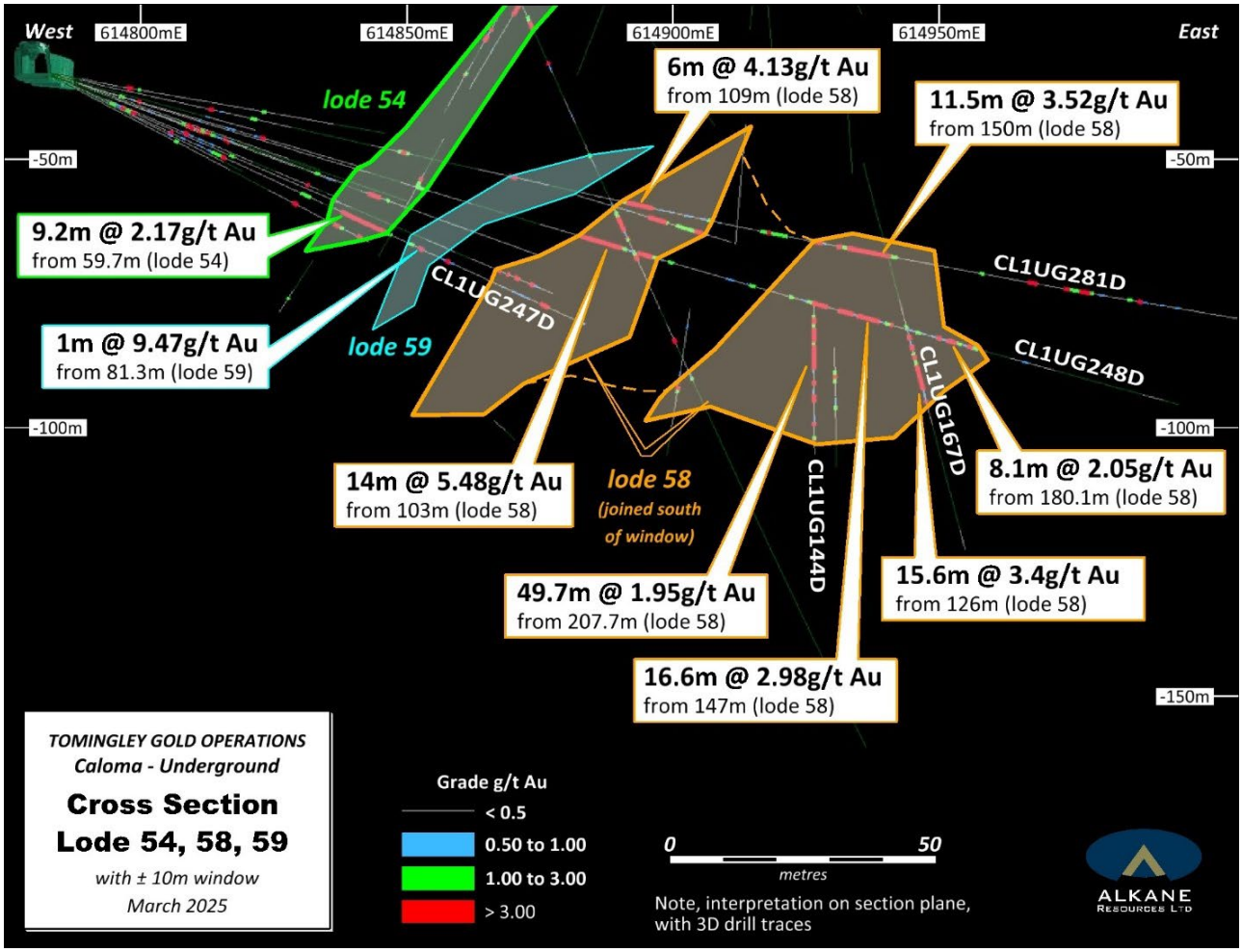
West
614800mE
614850mE
614900mE
614950mE
East
-50m
-100m
-150m
lode 54
lode 59
lode 58
(joined south
of window)
6m @ 4.13g/t Au
from 109m (lode 58)
11.5m @ 3.52g/t Au
from 150m (lode 58)
9.2m @ 2.17g/t Au
from 59.7m (lode 54)
1m @ 9.47g/t Au
from 81.3m (lode 59)
14m @ 5.48g/t Au
from 103m (lode 58)
49.7m @ 1.95g/t Au
from 207.7m (lode 58)
16.6m @ 2.98g/t Au
from 147m (lode 58)
15.6m @ 3.4g/t Au
from 126m (lode 58)
8.1m @ 2.05g/t Au
from 180.1m (lode 58)
CL1UG247D
CL1UG281D
CL1UG248D
CL1UG167D
CL1UG144D
TOMINGLEY GOLD OPERATIONS
Caloma - Underground
Cross Section
Lode 54, 58, 59
with ± 10m window
March 2025
Grade g/t Au
< 0.5
0.50 to 1.00
1.00 to 3.00
> 3.00
0
50
metres
Note, interpretation on section plane,
with 3D drill traces
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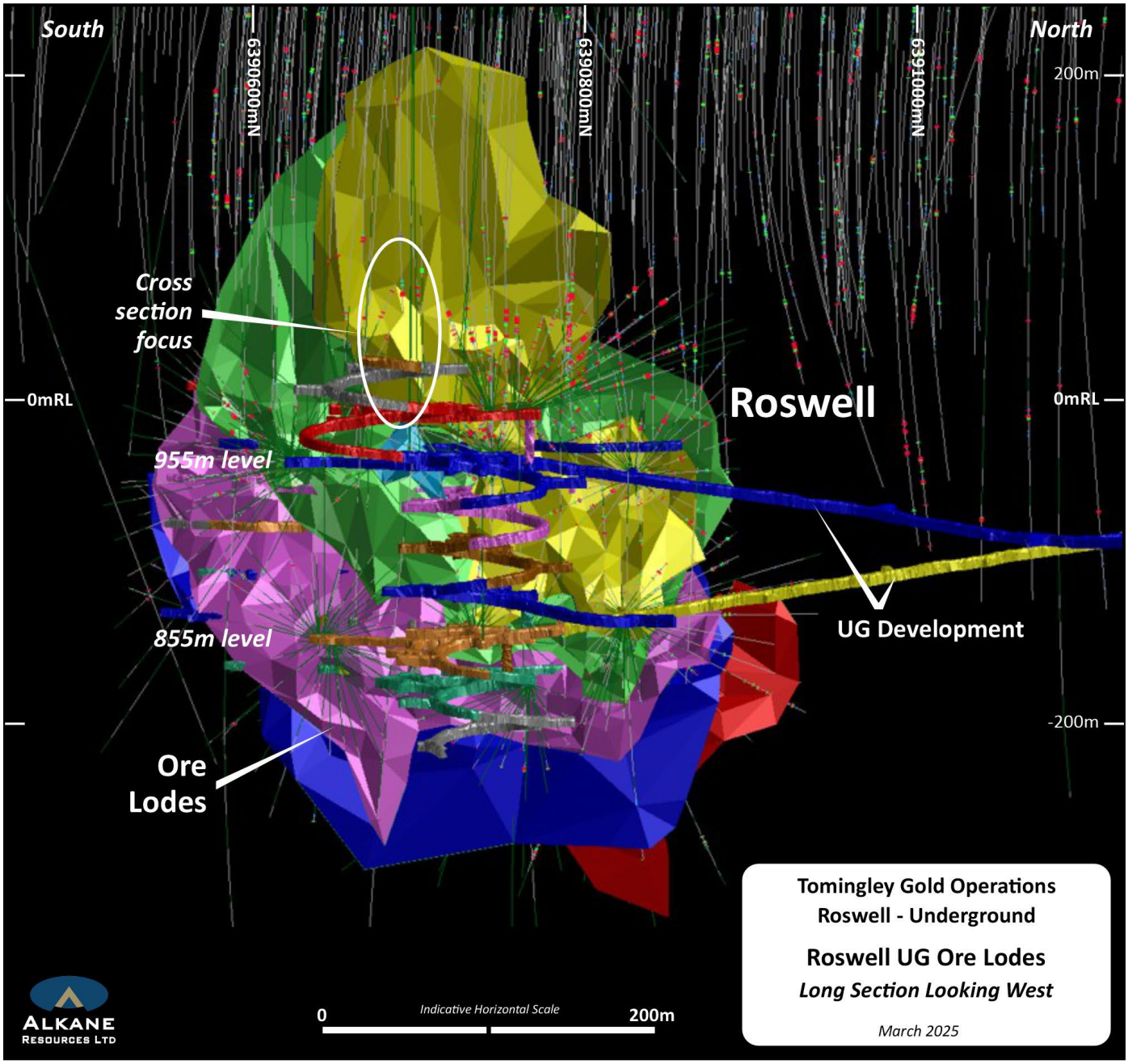
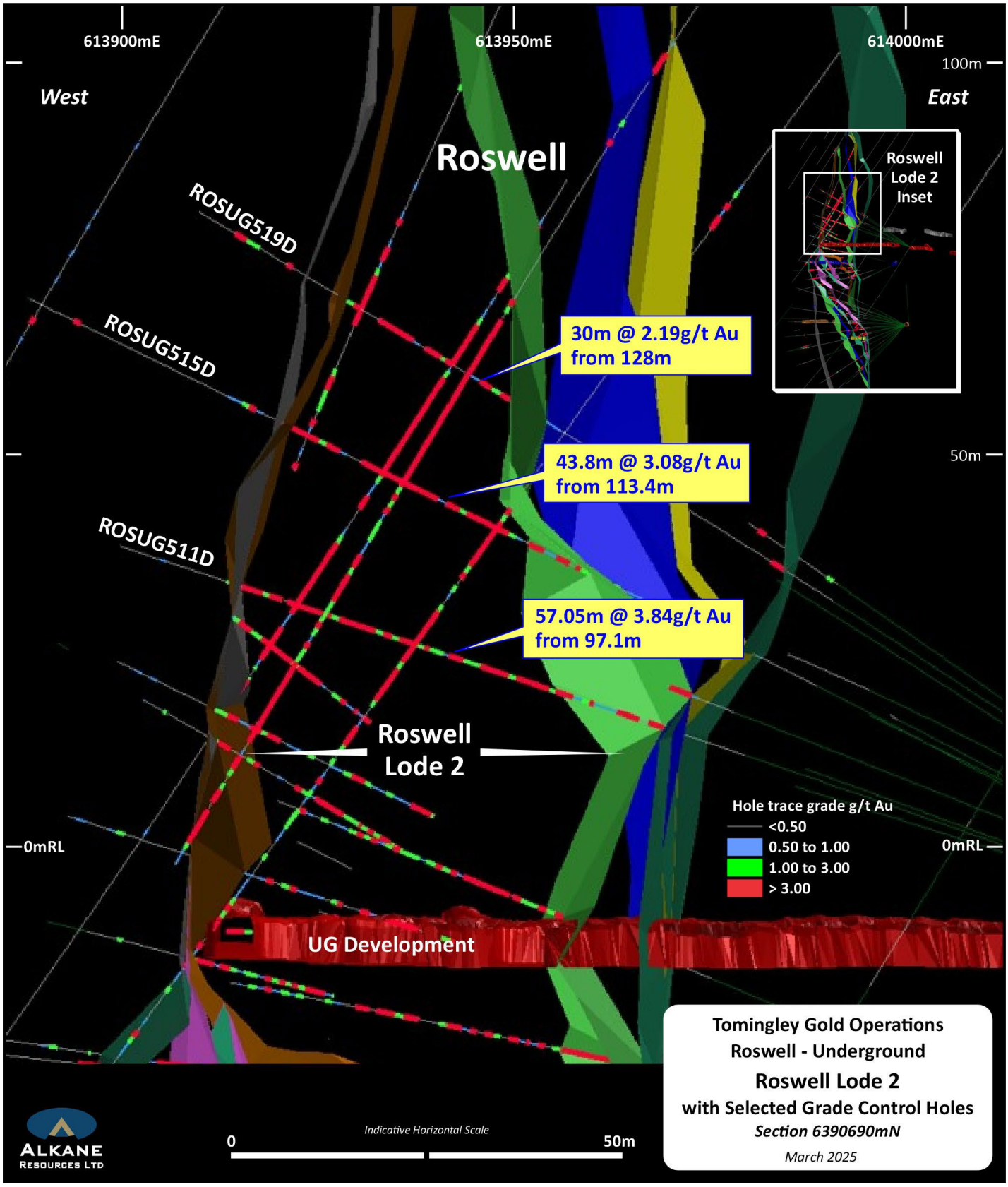

South
North
6390600mN
6390800mN
6391000mN
200m
0mRL
0mRL
-200m
Cross section focus
Roswell
955m level
855m level
UG Development
Ore Lodes
Tomingley Gold Operations
Roswell - Underground
Roswell UG Ore Lodes
Long Section Looking West
March 2025
ALKANE RESOURCES LTD
0
Indicative Horizontal Scale
200m


613900mE
613950mE
614000mE
100m
West
East
Roswell
ROSUG519D
ROSUG515D
ROSUG511D
Roswell Lode 2 Inset
30m @ 2.19g/t Au from 128m
43.8m @ 3.08g/t Au from 113.4m
57.05m @ 3.84g/t Au from 97.1m
50m
Roswell Lode 2
0mRL
0mRL
Hole trace grade g/t Au
<0.50
0.50 to 1.00
1.00 to 3.00
> 3.00
UG Development
Tomingley Gold Operations
Roswell - Underground
Roswell Lode 2
with Selected Grade Control Holes
Section 6390690mN
March 2025
ALKANE RESOURCES LTD
Indicative Horizontal Scale
0
50m

Mineral Resources

Tomingley Gold Operations Mineral Resources (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 Resources (cut-off 0.4g/t Au)									
Caloma One	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0
Underground Resources (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
Subtotal	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

Apparent arithmetic inconsistencies are due to rounding.

Tomingley Gold Extension Project Mineral Resources (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 Resources (cut-off 0.4g/t Au Roswell and 0.5g/t Au San Antonio)									
Roswell			3,900	1.7	0	0	3,900	1.7	213
San Antonio			5,930	1.8	1,389	1.3	7,319	1.7	406
Subtotal	0	0	9,830	1.8	1,389	1.3	11,219	1.7	619
Underground Resources (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	870	2.5	870	2.5	70
Subtotal	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

Apparent arithmetic inconsistencies are due to rounding.

Peak Hill 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

Apparent arithmetic inconsistencies are due to rounding

Ore Reserves

Tomingley Gold Operations Ore Reserves (30 June 2024)

DEPOSIT	PROVED		PROBABLE		TOTAL		Total Gold (koz)
	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	
Open Pittable Reserves (cut-off 0.4g/t Au)							
Stockpiles	241	1.1	0	0	241	1.1	9
Subtotal	241	1.1	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
Subtotal	220	1.8	213	1.8	433	1.8	25
TOTAL	461	1.5	213	1.8	674	1.6	34

Apparent arithmetic inconsistencies are due to rounding.

Tomingley Gold Extension Project Ore Reserves (30 June 2024)

DEPOSIT	PROVED		PROBABLE		TOTAL		Total Gold (koz)
	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	
Open Pittable Reserves (cut-off 0.4g/t Au)							
Roswell	0	0	3,900	1.7	3,900	1.7	213
San Antonio	0	0	4,100	1.6	4,100	1.6	214
Subtotal	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
Subtotal	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

Apparent arithmetic inconsistencies are due to rounding.
**San Antonio underground reserves not determined at this time.*

Competent Person ***The information in this report that relates to exploration results is based on information compiled by Mr Craig Pridmore, MAusIMM, (Geology Manager Tomingley Gold Operations) 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 Pridmore consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.***

Compliance Statement ***The information in this announcement that relates to Mineral Resource and Ore Reserve estimates was prepared and first disclosed under JORC Code 2012. The information was extracted from the Company's previous ASX announcement dated 4 September 2024, 'Annual Resources and Reserves Statement', which is available to view on the Company's website: https://www.alkane.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 announcement, and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which any Competent Person's findings are presented have not been materially modified from the original market announcement.***

Previous Information ***The information in this report that relates to exploration results is extracted from the Company's ASX announcements noted in the text of the announcement and are available to view on the Company's website. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original announcements and that the form and context in which the Competent Person's findings are presented have not been materially altered.***

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

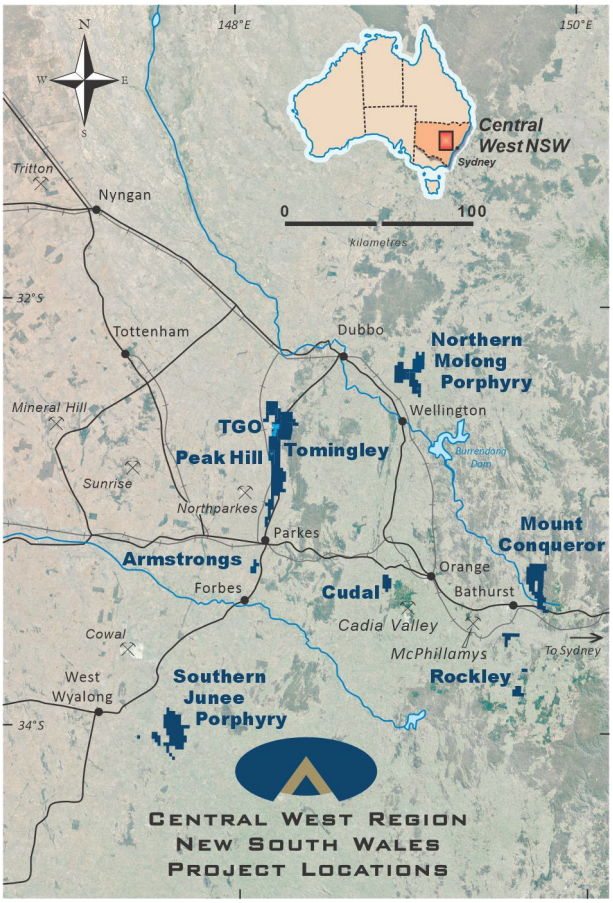
Alkane Resources intends to grow to become one of Australia's multi-mine gold and copper producers.

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.



TOMINGLEY GOLD OPERATIONS SIGNIFICANT RESULTS CALOMA ONE- March 2025 (>1.0g/t)											
Hole ID	Easting (MGA)	Northing (MGA)	RL (m)	Dip	Azimuth (Grid)	Total Depth	Interval From (m)	Interval To (m)	Intercept (m)	Au(g/t)	Lode ID
CL1UG128D	614903	6394024	73.5	-50	0	201	94	107.6	13.6	1.84	**54**
and							116.8	127.6	10.8	4.73	**55**
incl							126.6	127.6	1	31.30	**55**
CL1UG129D	614903	6394024	73.4	-58	345	201	99	136	37	1.58	
and							150.6	151.7	1.1	5.03	**55**
CL1UG140D	614903	6394024	73.6	-56	356	221.9	95.2	102	6.8	1.29	
and							107	117	10	3.48	
and							137.6	142	4.4	1.18	**55**
and							158.4	163.5	5.1	7.83	**58**
and							172	177.1	5.1	3.01	**58**
incl							172.9	173.6	0.7	14.05	**58**
and							185.2	186.3	1.1	1.19	
and							205.3	207.1	1.8	1.45	**58**
CL1UG143D	614903	6394024	73.5	-60	10	219	93	99	6	2.10	
and							132.8	137.9	5.1	2.21	**55**
and							99	136	37	1.43	**58**
and							181	186.4	5.4	1.09	**58**
and							198	199	1	2.07	**58**
and							205	206	1	1.02	**58**
CL1UG144D	614903	6394024	73.5	-56	6	275.9	93	105.7	12.7	2.07	
and							131.6	136.9	5.3	7.82	**55**
and							158	207.7	49.7	1.95	**58**
incl							181.2	182	0.8	19.65	**58**
and							212	216.6	4.6	1.12	**58**
and							257	258	1	1.90	
CL1UG149D	614903	6394024	73.5	-49	11	189.1	95.45	99	3.55	1.59	
and							116.3	117.15	0.85	2.95	**55**
CL1UG167D	614907	6394171	36.6	-70	143	200.7	48.9	53.8	4.9	2.71	
and							126	141.6	15.6	3.40	**58**
CL1UG171D	614907	6394171	36.6	-59	180	111.3	51.5	52.85	1.35	3.16	
and							59.2	60.25	1.05	2.76	
and							97.6	98.1	0.5	5.41	**58**
and							102	103	1	1.15	**58**
CL1UG212D	614904	6394024	73.7	-52	14	153.1	92	93.7	1.7	1.56	
and							97.7	99.1	1.4	1.22	
and							107.9	108.6	0.7	1.42	
and							121.2	122.6	1.4	1.96	**55**
CL1UG231D	614793	6394317	62.5	-12	25	396	207	214.2	7.2	1.28	**13**
and							329.2	333.1	1.9	1.24	
CL1UG232D	614793	6394316	63.2	2	34	447.1	237.1	238.9	1.8	2.68	**13**
and							291.85	292.85	1	4.57	
and							310.45	312	1.55	4.87	
CL1UG233D	614793	6394316	63.3	6	39	432	132.15	134.4	2.25	43.54	
incl							133.15	134.4	1.25	73.80	
and							240.5	241.6	1.1	3.40	**13**
and							371	373	2	2.24	
and							380	391	11	1.85	
and							395	399	4	2.49	
and							402.2	403.1	0.9	7.85	
CL1UG234D	614793	6394315	62.9	-6	44	421.3	100	101.1	1.1	2.49	
and							107	107.5	0.5	1.54	
and							141	143.1	2.1	4.16	**19**
incl							142.5	143.1	0.6	10.45	**19**
and							145.6	154	8.4	2.80	**19**
incl							149.1	150	0.9	14.30	**19**
and							199	199.7	0.7	1.82	**13**
and							324.8	325.25	0.45	2.71	
and							342.3	344.3	2	2.50	
and							348.8	350.9	2.1	2.44	
CL1UG235D	614793	6394315	61.9	2	47	414	130.8	131.7	0.9	1.64	**18**
and							141	141.8	0.8	5.00	
and							153.3	153.9	0.6	6.22	**19**

TOMINGLEY GOLD OPERATIONS SIGNIFICANT RESULTS CALOMA ONE- March 2025 (>1.0g/t)											
Hole ID	**Easting (MGA)**	**Northing (MGA)**	**RL (m)**	**Dip**	**Azimuth (Grid)**	**Total Depth**	**Interval From (m)**	**Interval To (m)**	**Intercept (m)**	**Au(g/t)**	**Lode ID**
and							229.7	231.4	1.7	2.17	
and							235.7	236.1	0.4	20.20	
and							238.9	239.3	0.4	1.63	
and							243.9	244.5	0.6	1.91	
and							253.6	256.2	2.6	0.95	
and							397.2	398	0.8	2.88	
and							409.3	410.3	1	1.42	
CL1UG236D	614793	6394314	62.1	-18	59	222	148.2	151.9	3.7	1.40	**13**
and							167.2	170	2.8	3.13	
and							179	181	2	5.60	
incl							179	180	1	7.70	
and							192	193.6	1.6	2.09	
CL1UG237D	614792	6394205	-30.6	-18	36	180	53.6	54.2	0.6	1.15	**54**
and							160.5	161.6	1.1	1.68	
and							173.6	174.45	0.85	1.14	
CL1UG238D	614792	6394205	-30.1	-5	40	198	84	90	6	29.91	**54**
and							117	120	3	1.00	
and							132.3	133.5	1.2	1.98	
and							152.6	160.6	8	1.05	
and							164	165	1	1.69	
and							167	168	1	1.38	
CL1UG240D	614792	6394205	-30.4	-16	43	192	57	57.75	0.75	1.58	**54**
and							60.2	60.5	0.3	1.15	**54**
and							64.05	67	2.95	1.42	**54**
and							153	153.65	0.65	1.44	
and							170	171	1	1.04	
and							183.05	183.5	0.45	2.55	
CL1UG241D	614792	6394205	-30.0	-5	48	191.5	88	91	3	1.06	**54**
and							101	107	6	1.54	
and							121.9	123	1.1	1.59	
and							137.9	142	4.1	1.62	
and							157	160	3	1.65	
CL1UG242D	614792	6394204	-30.1	-8	55	189	62.7	69.55	6.85	2.14	**54**
and							121.8	122.9	1.1	1.09	
and							177.75	181.45	3.7	13.02	
incl							180.35	181.45	1.1	35.90	
CL1UG243D	614792	6394204	-30.3	-14	57	195	58.1	60	1.9	1.31	**54**
and							114.7	115.85	1.15	1.10	
and							120	125.1	5.1	1.83	
and							150.15	152.05	1.9	2.25	
and							158.4	167.95	9.55	1.68	
and							173.8	175.85	2.05	3.18	
CL1UG244D	614792	6394204	-30.7	-27	60	210	49.3	50.45	1.15	2.44	**54**
and							119.55	124.3	4.75	2.10	
incl							119.55	120	0.45	7.34	
CL1UG245D	614792	6394204	-30.4	-4	63	192	66.1	67.3	1.2	1.52	**54**
and							72.7	73.5	0.8	1.78	**54**
and							76.8	78	1.2	1.34	**54**
and							120	125.5	5.5	1.08	
and							174.3	179.6	5.3	1.00	
CL1UG246D	614792	6394204	-30.0	-18	65	213	47.9	50.2	2.3	12.47	**54**
incl							49.6	50.2	0.6	45.40	**54**
and							114.5	115.4	0.9	1.29	
CL1UG247D	614775	6394154	-36.1	-25	93	234	24.2	25	0.8	1.50	
and							34	36	2	1.44	
and							52.3	53.5	1.2	1.38	
and							59.7	68.9	9.2	2.17	**54**
and							73.6	76.8	3.2	1.17	**59**
and							81.3	82.3	1	9.47	**58**
and							100.8	102.7	1.9	2.60	**58**
and							113.6	114.6	1	2.31	**58**
and							132	137.4	5.4	3.25	**58**

TOMINGLEY GOLD OPERATIONS SIGNIFICANT RESULTS CALOMA ONE- March 2025 (>1.0g/t)											
Hole ID	Easting (MGA)	Northing (MGA)	RL (m)	Dip	Azimuth (Grid)	Total Depth	Interval From (m)	Interval To (m)	Intercept (m)	Au(g/t)	Lode ID
and							142.3	149.1	6.8	2.29	**58**
and							154.4	160.8	6.4	2.51	**58**
and							165.1	170.1	5	3.91	**58**
incl							165.7	167	1.3	7.85	**58**
and							182.2	183.4	1.2	5.17	
CL1UG248D	614775	6394154	-35.8	-17	96	219	59.1	59.8	0.7	1.51	**54**
and							72	72.9	0.9	1.22	**54**
and							103	117	14	5.48	**58**
incl							106	107	1	34.90	**58**
and							120	121	1	1.05	**58**
and							135.8	137	1.2	1.20	
and							147	163.6	16.6	2.98	**58**
incl							149	150	1	11.15	**58**
and							168	169	1	1.32	**58**
and							172	180.1	8.1	2.05	**58**
CL1UG249D	614775	6394154	-36.1	-24	104	279	0	0.4	0.4	1.17	
and							13.8	17	3.2	2.44	
and							36	37	1	1.03	
and							57	57.7	0.7	2.99	**54**
and							90.2	98	7.8	4.49	**58**
incl							90.2	91.3	1.1	9.35	**58**
and, incl							92.4	93	0.6	10.60	**58**
and, incl							94	95	1	15.30	**58**
and							107.8	114.5	6.7	1.93	**58**
and							118.6	119.7	1.1	16.60	**58**
and							131.7	132.6	0.9	3.43	
and							167.3	168.5	1.2	1.72	**58**
and							173.3	174.4	1.1	5.94	**58**
and							210.4	211	0.6	2.09	
CL1UG250D	614775	6394154	-35.8	-16	106	210	16.5	17.3	0.8	2.24	
and							40.6	41.6	1	1.90	
and							109	110	1	1.35	**58**
and							118	122.5	4.5	28.48	**58**
and							126.5	137	10.5	1.63	**58**
and							149.7	152.9	3.2	3.76	**58**
and							156	159.2	3.2	1.96	**58**
and							162	164	2	2.68	**58**
and							166.9	177.9	11	2.57	**58**
and							181.7	182.7	1	4.45	**58**
and							196.8	202.2	5.4	2.58	
and							207	210	3	1.62	
CL1UG251D	614793	6394315	62.5	-14	47	199.9	122.5	123	0.5	3.58	**19**
and							127	127.7	0.7	8.35	**19**
and							174.45	177.65	3.2	2.73	**13**
CL1UG252D	614793	6394315	62.4	-19	51	210.2	109	114	5	2.44	**18**
and							134.7	135.6	0.9	2.28	**19**
and							147	147.7	0.7	1.48	**13**
and							150.8	165	14.2	1.34	**13**
and							172	173	1	1.84	
CL1UG253D	614793	6394315	62.7	-9	53	228.1	115.4	118.5	3.1	196.95	**18**
incl							116	117	1	589.00	**18**
and							173.8	175.6	1.8	1.97	**13**
CL1UG254D	614793	6394315	62.3	-23	57	198	140	146.9	6.9	1.61	**13**
and							163.9	164.7	0.8	2.47	
CL1UG255D	614793	6394315	62.7	-15	61	207.2	146.85	148	1.15	8.53	**13**
and							151.6	158	6.4	1.92	**13**
incl							151.6	152.2	0.6	7.36	**13**
CL1UG256D	614793	6394314	62.3	-20	66	210	166	175.45	9.45	2.13	
and							185.75	191	5.25	1.61	
CL1UG257D	614793	6394315	62.3	-19	45	225	128.3	129.9	1.6	12.48	**19**
incl							129.25	129.9	0.65	27.20	**19**
and							134.2	136	1.8	3.85	**19**

TOMINGLEY GOLD OPERATIONS SIGNIFICANT RESULTS CALOMA ONE- March 2025 (>1.0g/t)											
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and							168.15	169.85	1.7	4.86	13
incl							168.15	168.85	0.7	8.09	13
CL1UG258D	614793	6394315	62.8	-4	54	239.9	122.9	124.1	1.2	6.20	18
and							127.15	128.25	1.1	1.75	
and							131.7	132.6	0.9	1.97	
and							136.45	137.1	0.65	7.36	19
and							183.7	184.8	1.1	1.17	13
CL1UG259D	614793	6394315	62.7	-8	61	222	128.55	129.05	0.5	4.49	19
and							151.7	166	14.3	1.94	13
incl							161.8	163	1.2	7.08	13
and							170	171	1	1.09	13
CL1UG260D	614793	6394315	62.2	-23	48	210	145.7	152.2	6.5	6.92	13
incl							145.7	148	2.3	15.57	13
and							155.3	159.1	3.8	2.68	13
and							181.9	182.9	1	1.22	
and							197	197.9	0.9	1.27	
CL1UG261D	614793	6394314	62.6	-12	66	216.1	149.9	151.4	1.5	3.38	13
and							160	163.6	3.6	2.41	13
and							210.5	212	1.5	2.44	
CL1UG262D	614793	6394316	62.9	-6	32	233.5	197	199.3	2.3	1.09	13
and							202.1	206.1	4	14.44	13
incl							202.1	203	0.9	53.10	13
and							219.1	219.9	0.8	1.04	
and							224.8	227	2.2	1.34	
CL1UG263D	614793	6394316	62.9	-7	47	213	133.1	133.8	0.7	5.60	19
CL1UG264D	614793	6394316	62.6	-11	40	228	112.3	117	4.7	11.97	18
incl							114.5	117	2.5	19.44	18
and							130.8	132	1.2	22.20	19
and							135.2	140	4.8	2.12	19
and							141.9	142.9	1	7.02	19
and							184	193.3	9.3	4.44	13
incl							185.9	187	1.1	15.35	13
and							196.3	201	4.7	4.07	13
incl							197	198	1	10.90	13
and							205.6	206.2	0.6	1.45	13
CL1UG265D	614793	6394315	62.9	-6	62	192	111	120.05	9.05	2.27	18
incl							119.6	120.05	0.45	7.63	18
and							125.6	126.8	1.2	1.67	19
and							150	151.8	1.8	3.46	
and							162.4	167	4.6	2.83	13
and							171.4	172.5	1.1	1.27	13
CL1UG266D	614793	6394317	62.3	-15	35	234	181.8	182.7	0.9	13.45	
and							192.5	200	7.5	2.64	13
and							204.3	206.3	2	1.09	13
CL1UG267D	614793	6394315	62.6	-16	56	207	112.3	115	2.7	6.59	18
incl							113	114	1	8.61	18
and							120	123	3	4.33	19
incl							120	121.1	1.1	10.45	19
and							132	134	2	7.40	19
and							148	162.7	14.7	1.27	13
and							174	175	1	3.33	
and							197.7	198.5	0.8	3.08	
CL1UG269D	614793	6394316	62.2	-22	37	215.9	129.3	129.9	0.6	1.65	19
and							162.1	165	2.9	14.24	13
incl							164.3	165	0.7	50.20	13
CL1UG270D	614793	6394315	62.3	-28	51	186	100.2	100.7	0.5	1.16	
and							138.6	146	7.4	2.26	13
and							152.65	153.45	0.8	4.15	
CL1UG271D	614793	6394316	62.3	-27	44	201	122.5	124.35	1.85	2.75	19
and							147.2	148.3	1.1	1.28	13
and							151.2	153.9	2.7	1.65	13
CL1UG272D	614793	6394316	61.8	-32	35	202.7	133.3	137.3	4	1.30	19

TOMINGLEY GOLD OPERATIONS SIGNIFICANT RESULTS CALOMA ONE- March 2025 (>1.0g/t)											
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and							145	148.5	3.5	3.00	**13**
CL1UG273D	614793	6394316	61.7	-34	42	197.7	122.85	134.1	11.25	2.59	**19**
and							140.15	144	3.85	1.56	**13**
CL1UG275D	614793	6394317	61.9	-30	29	190.4	142.1	145.1	3	1.16	**19**
CL1UG276D	614793	6394316	62.0	-39	32	176	125.2	136.9	11.7	1.38	**19**
CL1UG277D	614793	6394316	61.6	-42	40	171	116	116.9	0.9	1.28	
and							123.8	131.7	7.9	1.92	**19**
and							134.3	136	1.7	4.91	**13**
CL1UG278D	614793	6394316	62.9	-7	39	222	138	142.8	4.8	5.93	**19**
incl							141.4	142.1	0.7	20.90	**19**
and							194.55	197.4	2.85	1.65	**13**
CL1UG279D	614775	6394154	-35.6	-15	109	222	46	47	1	2.43	
and							72.1	73.6	1.5	7.27	**54**
and							78.9	81	2.1	1.97	
and							94.6	96.7	2.1	1.35	
and							123	124	1	2.98	
CL1UG280D	614775	6394154	-35.5	-11	106	261	14.3	17	2.7	1.34	
and							73.3	74.1	0.8	3.10	**54**
and							155.3	156.1	0.8	2.64	**58**
and							160	160.6	0.6	1.90	**58**
and							170	175	5	1.96	**58**
and							177.9	178.5	0.6	1.77	**58**
and							193.6	194.5	0.9	1.74	
and							193.6	194.5	0.9	4.02	
and							219.3	220.2	0.9	1.24	
CL1UG281D	614775	6394155	-35.5	-13	100	230.8	30	31	1	3.04	
and							38	39.3	1.3	1.32	
and							66.2	67.8	1.6	4.11	**54**
and							87.4	89	1.6	2.69	**59**
and							109	115	6	4.13	**58**
and							125.3	126.2	0.9	1.44	**58**
and							135.4	140.6	5.2	1.28	
and							145.4	147.3	1.9	3.40	**58**
and							150	161.5	11.5	3.52	**58**
and							186.1	188	1.9	9.77	
incl							186.1	187.3	1.2	10.15	
and							193	198.7	5.7	1.85	
and							207	207.9	0.9	1.87	
and							226.8	227.1	0.3	1.94	
CL1UG282D	614775	6394155	-35.7	-19	89	189	26	32.1	6.1	1.82	
and							34.6	35.3	0.7	10.60	
and							53.2	54.2	1	1.18	
and							60.6	63.5	2.9	1.44	**54**
and							80	89.8	9.8	8.34	**59**
incl							80	81	1	21.60	**59**
and							108	122.5	14.5	1.74	**58**
CL1UG283D	614775	6394155	-35.8	-17	86	201	27	30.8	3.8	2.50	
and							35.2	35.8	0.6	3.30	
and							63.3	67.8	4.5	2.16	**54**
and							103	109.4	6.4	13.50	**58**
incl							105.2	106	0.8	46.70	**58**
incl							107	107.8	0.8	32.10	**58**
and							117.1	118.2	1.1	1.15	**58**
and							120	121	1	1.09	
and							131	135.7	4.7	1.57	
and							144.8	148	3.2	2.50	**58**
and							154	158.3	4.3	1.23	**58**
and							168.6	172	3.4	1.23	**58**
and							178.3	189.8	11.5	2.58	**58**
CL1UG284D	614775	6394155	-35.8	-23	85	195	27.2	28.3	1.1	1.67	
and							52.5	53.1	0.6	1.50	
and							58.5	64.8	6.3	3.48	**54**

TOMINGLEY GOLD OPERATIONS SIGNIFICANT RESULTS CALOMA ONE- March 2025 (>1.0g/t)											
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and							80	85	5	27.47	59
incl							82	83.1	1.1	25.70	59
incl							84	85	1	89.10	59
and							102.9	104	1.1	2.29	58
and							107	120	13	4.00	58
incl							111.2	111.9	0.7	44.00	58
and							137.4	138	0.6	1.12	
and							162.3	163.4	1.1	9.83	58
and							188	190	2	1.31	58
CL1UG285D	614775	6394155	-35.9	-27	86	180	26.1	27	0.9	1.36	
and							51.3	52.4	1.1	1.88	
and							60	61.4	1.4	1.94	54
and							65	66.2	1.2	1.56	54
and							73.9	76	2.1	1.84	59
and							100.8	114.5	13.7	1.65	58
and							132.1	136.9	4.8	3.79	58
and							141.1	143	1.9	1.84	58
and							149.6	150.3	0.7	1.15	58
and							156	159.2	3.2	2.38	58
and							169	170	1	1.11	
and							176.8	177.9	1.1	1.09	
CL1UG286D	614775	6394155	-35.7	-20	81	180	28.2	28.9	0.7	3.64	
and							32.4	33.3	0.9	1.04	
and							58.8	61.5	2.7	2.87	54
and							63.2	64.1	0.9	1.97	54
and							85.7	103.1	17.4	4.10	59
and							114	117.3	3.3	2.76	58
CL1UG287D	614775	6394155	-35.9	-26	80	186	56.8	60.7	3.9	1.08	54
and							83	91.5	8.5	9.25	59
incl							83	84	1	21.30	59
incl							86	86.8	0.8	33.20	59
incl							90.7	91.5	0.8	17.45	59
and							94.1	96.6	2.5	3.30	59
and							100.2	106.1	5.9	1.21	
and							110.8	112.8	2	8.75	58
incl							110.8	111.9	1.1	15.20	58
and							171.6	175.4	3.8	1.54	58
CL1UG288D	614775	6394154	-35.6	-20	107	195	66.5	68.6	2.1	5.14	54
and							170.8	172.4	1.6	1.41	
and							176	178	2	1.56	58
and							186	187	1	2.45	
CL1UG289D	614792	6394199	-30.8	-16	117	130	83	91	8	16.98	59
incl							86	87	1	79.00	59
incl							87	88	1	24.50	59
incl							89	89.8	0.8	19.40	59
and							94	96	2	1.43	59
and							112	116.5	4.5	25.80	58
incl							113	114	1	80.20	58
incl							114	115	1	31.50	58
and							120	124.2	4.2	3.27	58
CL1UG290D	614792	6394200	-31.1	-22	105	116.9	43	44.2	1.2	4.50	54
and							71	76.3	5.3	2.52	
and							82.7	100.1	17.4	3.11	59
CL1UG291D	614792	6394200	-31.0	-30	101	129	41	43	2	2.17	54
and							46.4	47.5	1.1	1.80	54
and							67	67.4	0.4	6.14	
and							83	83.6	0.6	2.12	59
and							92.5	98.25	5.75	1.33	59
and							111.3	113.3	2	2.12	
CL1UG292D	614793	6394199	-31.2	-42	122	110	48.45	51.6	3.15	2.76	54
and							75	83	8	25.47	59
incl							76	77	1	37.30	59

TOMINGLEY GOLD OPERATIONS SIGNIFICANT RESULTS CALOMA ONE- March 2025 (>1.0g/t)											
Hole ID	Easting (MGA)	Northing (MGA)	RL (m)	Dip	Azimuth (Grid)	Total Depth	Interval From (m)	Interval To (m)	Intercept (m)	Au(g/t)	Lode ID
incl							77	78.1	1.1	62.70	59
incl							78.1	79.1	1	87.10	59
and							90	97.15	7.15	3.26	58
incl							92.15	92.8	0.65	14.25	58
incl							92.8	93.35	0.55	10.45	58
and							100.15	100.6	0.45	2.55	
CL1UG293D	614792	6394200	-31.2	-36	108	159	42	43.1	1.1	5.53	54
and							47.4	49.7	2.3	1.75	54
and							74.1	75.75	1.65	2.89	59
and							80.6	83.05	2.45	1.34	59
and							95.9	97	1.1	1.68	58
and							115.7	116.2	0.5	1.91	
and							124.9	128.3	3.4	2.09	58
and							133.2	133.9	0.7	1.03	
and							142	142.75	0.75	1.41	
CL1UG296D	614792	6394200	-31.2	-37	97	161	40.35	45.3	4.95	4.59	54
incl							40.35	41.35	1	13.10	54
and							88.45	89.85	1.4	1.59	59
and							95	96	1	2.26	59
and							109.15	109.6	0.45	2.69	
and							127.2	127.75	0.55	1.19	
and							136.4	137.55	1.15	1.10	58
and							142.4	142.95	0.55	1.40	
CL1UG297D	614793	6394200	-31.2	-45	102	174	41.6	49	7.4	5.89	54
incl							41.6	42.3	0.7	11.10	54
incl							43.2	43.8	0.6	14.95	54
and							74.4	74.7	0.3	2.78	
and							88.5	89.5	1	1.02	59
and							91.5	92.2	0.7	2.07	59
and							127	131.1	4.1	1.77	58
and							142.9	143.9	1	1.85	

Notes: True widths are approximately 80% of intercept width.
Intercepts can include up to 2m dilution (values less than 1g/t Au)

TOMINGLEY GOLD OPERATIONS SIGNIFICANT RESULTS ROSWELL UG - March 2025 (>1.0g/t)											
Hole ID	Easting (MGA)	Northing (MGA)	RL (m)	Dip	Azimuth (Grid)	Total Depth	Interval From (m)	Interval To (m)	Intercept (m)	Au(g/t)	Lode ID
ROSUG510D	614082	6390663	-16.5	21.8	290.3	173.1	96	113	17	4.66	6
incl							105.9	108	2.1	20.18	6
and							126.3	155.5	29.2	2.74	2
incl							148.9	150.4	1.5	24.06	2
and							155.5	156.5	1	1.08	1
ROSUG511D	614082	6390663	-16.5	22	282	170.6	97.1	154.15	57.05	3.84	2
incl							109.35	110.3	0.95	31.60	2
incl							138.45	139.55	1.1	16.20	2
incl							143	144	1	10.75	2
incl							151.25	152	0.75	11.00	2
and							155.15	156.2	1.05	1.49	1
ROSUG512D	614082	6390662	-16.5	21	274	180	98.4	155.2	56.8	4.75	2
incl							109.6	110.2	0.6	20.70	2
incl							112.9	115	2.1	55.22	2
incl							149.4	150.3	0.9	14.25	2
ROSUG513D	614082	6390663	-16.4	21	267	180	95.7	153.7	58	11.59	2
incl							101	101.7	0.7	16.20	2
incl							111	112	1	10.60	2
incl							119.3	121	1.7	14.88	2
incl							127	132	5	82.51	2
incl							140	143	3	10.05	2
incl							145.9	147	1.1	10.20	2
and							156	163.1	7.1	1.42	5

TOMINGLEY GOLD OPERATIONS SIGNIFICANT RESULTS ROSWELL UG - March 2025 (>1.0g/t)											
Hole ID	Easting (MGA)	Northing (MGA)	RL (m)	Dip	Azimuth (Grid)	Total Depth	Interval From (m)	Interval To (m)	Intercept (m)	Au(g/t)	Lode ID
ROSUG514D	614081.9314	6390662.953	-16.1455	27.6	291.2	182.4	89.6	93.1	3.5	2.65	**3**
and							97.85	131.3	33.45	3.50	**6**
incl							100.9	101.7	0.8	12.15	**6**
incl							104	105.3	1.3	10.15	**6**
incl							107.9	108.75	0.85	14.55	**6**
incl							116.8	118	1.2	10.40	**6**
and							134	157.5	23.5	4.04	**2**
incl							134	134.8	0.8	17.05	**2**
and							151.7	152.7	1	13.45	**2**
and							160.2	161	0.8	1.35	**1**
ROSUG515D	614082	6390663	-16.3	27	283	193.7	91	100	9	1.23	**6**
and							109	110	1	1.03	
and							113.4	157.2	43.8	3.08	**2**
incl							141	142	1	10.75	**2**
incl							149	150	1	15.40	**2**
and							161	163	2	5.98	**1**
incl							161	162	1	10.90	**1**
and							186	187	1	2.04	
ROSUG516D	614082	6390662	-16.5	27	274	179.3	95.9	160.8	64.9	2.82	**2**
incl							98.1	99	0.9	10.50	**2**
incl							120.3	121	0.7	10.45	**2**
incl							147	148	1	29.40	**2**
incl							158.2	159.2	1	11.25	**2**
ROSUG517D	614082	6390662	-16.5	26	267	180	104.8	159	54.2	5.39	**2**
incl							112.3	113	0.7	11.35	**2**
incl							129.6	130.8	1.2	16.75	**2**
incl							136.8	138	1.2	16.40	**2**
incl							142.9	144	1.1	20.40	**2**
incl							149	154	5	25.02	**2**
and							165.2	166.85	1.65	2.42	**5**
ROSUG518D	614082	6390663	-15.7	33	292	179.8	86.6	87.6	1	1.03	
and							92.8	98.4	5.6	3.54	**3**
and							117.5	118.6	1.1	3.56	
and							126.3	134.1	7.8	1.81	**6**
and							138.3	165.4	27.1	2.40	**2**
and							166	167	1	1.14	**1**
ROSUG519D	614082	6390663	-15.9	33	283	180.2	92	94.3	2.3	13.27	**3**
and							128	158	30	2.19	**2**
and							166.1	167	0.9	39.50	**1**
and							171	174.7	3.7	2.85	**7**
ROSUG520D	614082	6390663	-16.3	33	275	179.6	93.4	96	2.6	1.96	**6**
and							103.2	160.05	56.85	2.11	**2**
incl							103.2	104	0.8	36.80	**2**
ROSUG521D	614082	6390662	-16.5	31	267	185.6	101.7	107	5.3	1.92	**6**
and							118	165	47	5.07	**2**
incl							122.3	123	0.7	18.75	**2**
incl							144	145	1	12.35	**2**
incl							154	161	7	16.74	**2**
and							177	178	1	3.69	
ROSUG522D	614082	6390663	-16.4	36	267	195	134.1	170	35.9	4.90	**2**
incl							137.8	141	3.2	11.14	**2**
incl							150	152	2	22.35	**2**
incl							166	167	1	13.75	**2**
incl							168	168.8	0.8	11.10	**2**
and							172	181	9	15.96	**7**
incl							172.5	174	1.5	55.73	**7**
incl							175.9	176.4	0.5	79.00	**7**
and							193.9	195	1.1	3.02	

Notes: True widths are approximately 80% of intercept width.
Intercepts can include up to 2m dilution (values less than 1g/t Au)

APPENDIX 1

JORC Code, 2012 Edition – Table 1 report – Caloma One and Roswell March 2025

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.*	The Tomingley area has been evaluated using a variety of drilling techniques since August 2004 and this data was reported in numerous ASX releases and summarised in the Annual Resource and Reserve Statement FY24, of 4 Sept 2024. Resource infill and extension drilling has been undertaken in the Caloma One and Roswell as part of mine development underground drilling. This drilling was NQ2 core located within underground openings. DD sample intervals were defined by site geologists during logging to honour geological boundaries.with whole core sampled on intervals defined by the geologist.
	• *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.*	Core was laid out in suitably labelled core trays. A core marker (core block) was placed at the end of each drilled run and labelled with the hole number, down hole depth, length of drill run. Core was aligned and measured by tape, comparing back to this down hole depth consistent with industry standards.
	• *Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	DD Drilling – sample intervals were defined by geologists during logging to honour geological boundaries and cut in half with a saw. Only the Underground infill diamond GC holes were whole core sampled. All samples sent to the laboratory were crushed and/or pulverised to produce a ~100g pulp for assay process. All samples are fire assayed using a 50g charge.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	All underground diamond holes are drilled NQ2.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.*	DD - core loss was identified by drillers and calculated by geologists when logging. Generally ≥99% was recovered.
	• *Measures taken to maximise sample recovery and ensure representative nature of the samples.*	All NQ2 core was whole sampled to ensure representativity of sampling.
	• *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	There is no known relationship between sample recovery and grade.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.*	DD - all core was laid out in core trays and geologically logged for characteristics such as lithology, weathering, alteration (type, character and intensity), veining (type, character and intensity) and mineralisation (type, character and volume percentage). A brief geotechnical

Criteria	JORC Code explanation	Commentary
		log was also undertaken collecting parameters such as core recovery, RQD, fracture count, and fracture type and orientation.
	• *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.*	All logging was qualitative with visual estimates of the various characteristics. . DD - Core was photographed and any unsampled core is retained for reference purposes.
	• *The total length and percentage of the relevant intersections logged.*	All DD core samples have been geologically and geotechnically logged by qualified geologists.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.*	DD - zones of visual mineralisation and/or alteration were marked up by the geologist and cut using an Almonté (or equivalent) core cutting saw. Sampling intervals were generally based on geology, were predominantly over 1m intervals but do not exceed 1.3 metres in length. All mineralised zones were sampled, plus ≥2m of visibly barren wall rock. Laboratory Preparation – drill core was oven dried prior to crushing to <6mm using a jaw crusher, split to 3kg if required then pulverised in an LM5 (or equivalent) to ≥85% passing 75µm. Bulk rejects for all samples were discarded. A pulp packet (±100g) is stored for future reference
	• *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.*	Not applicable – no 'non core' sub sampling techniques or sample preparation used.
	• *For all sample types, the nature, quality and appropriateness of the sample preparation technique.*	Alkane (ALK) sampling techniques are of industry standard and considered adequate.
	• *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.*	DD – external laboratory duplicates used.
	• *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.*	Entire core sampling was undertaken.
	• *Whether sample sizes are appropriate to the grain size of the material being sampled.*	Sample sizes are industry standard and considered appropriate.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.*	Gold was determined using a 50g charge fused at approximately 1100°C with alkaline fluxes, including lead oxide. The resultant prill was dissolved in aqua regia and gold determined by flame AAS
	• *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.*	Not applicable to this report or deposit as no geophysical tools, spectrometers, handheld XRF instruments were used.
	• *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	Commercially prepared Certified Reference Materials (CRM) and blanks were inserted at 1 in 50 samples. CRM's were not identifiable to the laboratory. Field duplicate samples were inserted at 1 in 50 samples (alternate to CRM's). Laboratory QAQC sampling includes insertion of CRM samples, internal duplicates and screen tests. This data was reported for each sample submission.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.*	Drill data was compiled and collated and reviewed by senior staff. Cube Consulting was used verify exploration data until resource estimation procedures are deemed necessary.
	• *The use of twinned holes.*	Twinned holes have not been used for this drilling.

Criteria	JORC Code explanation	Commentary
	• *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.*	All grade control drilling data at Tomingley is stored in a "Datashed" Microsoft SQL database. All primary assay data was received from the laboratory as electronic data files which were imported into sampling database with verification procedures in place. QAQC analysis was undertaken for each laboratory report. Digital copies of Certificates of Analysis (COA) are stored in a central database with regular (daily) backup. Original survey data is stored on site. Data was also verified on import into mining related software.
	• *Discuss any adjustment to assay data.*	No assay data was adjusted.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*	Drill holes were laid out by underground survey. DD holes were surveyed during drilling to maintain drilling direction and then at 6m intervals on retrieval of rod string using a multi shot electronic camera.
	• *Specification of the grid system used.*	Grade control drill holes laid out in MGA.
	• *Quality and adequacy of topographic control.*	The area is very flat. A site based digital terrain model was developed from accurate (± 0.1m) survey control by licenced surveyors.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.*	Grade control drilling is completed on a pattern ensuring a minimum of 10m x 10m pattern when combined with resource definition drill holes. The drill hole spacing is similar to that used at other Tomingley deposits and has been established to be sufficient.
	• *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.*	A Simulation Study for optimal drill spacing has been undertaken. There is a case to reduce the spacing from 10x10 to 10x8. With the minimal mine life and visual continuity of mineralisation between drill holes and when on the ground the 10x10 drill spacing has been deemed appropriate,
	• *Whether sample compositing has been applied.*	Samples are diamond core and intervals are based on geological logging, and are simple intervals as described earlier in the table.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.*	Much care was given to attempt to intersect mineralisation at an optimal angle but in complex ore bodies this can be difficult. A number of drilling directions were used in the early drilling phases in an attempt to optimise the intersection angle.
	• *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	It is not thought that drilling direction will bias assay data.
Sample security	• *The measures taken to ensure sample security.*	All samples were bagged in tied numbered calico bags, grouped into larger tied polyweave bags and transported to the laboratory in Orange by courier. S ample submission sheets were delivered with the samples and also emailed to the laboratory. All sample submissions were documented via ALS tracking system and all assays were reported via email.

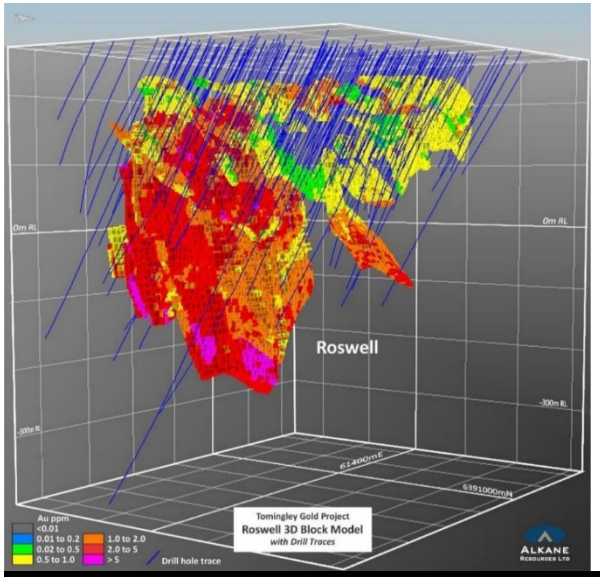
Criteria	JORC Code explanation	Commentary
		Sample pulps were returned to site and were stored for an appropriate length of time (minimum 3 years). The Company has in place protocols to ensure data security.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	The Company does not routinely have external consultants verify exploration data until resource estimation procedures are deemed necessary.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.*	The Caloma Deposit lies within ML 1684. Roswell deposit is within ML 1858. Both mining licences are held in the name of Tomingley Gold Operations Pty Ltd (TGO), a wholly owned subsidiary of Alkane Resources Ltd.
	• *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	ML1684 expires on 11 February 2034. ML1858 expires on 19 July 2044.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	All reported drilling has been completed by TGO.
Geology	• *Deposit type, geological setting and style of mineralisation.*	Geological nature of the Tomingley Deposits is well documented elsewhere. Mineralisation is associated with quartz veining and alteration focused within sub-volcanic basaltic-andesite sills and adjacent volcaniclastic sediments. The deposits appear to have formed as the result of a rheological contrast between the porphyritic sub-volcanic sills and the surrounding volcaniclastic sediments, with the sills showing brittle fracture and the sediments ductile deformation, and have many similarities to well documented orogenic - lode-style gold deposits.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.*	See body of announcement.
	• *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	All material drill holes (all significant drill holes with results of >1g/t Au) are reported. Exclusion of drill hole data will not detract from the understanding of this report. All drill data has been previously reported, holes are close spaced and in an operating mine area.

Criteria	JORC Code explanation	Commentary
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.*	Reported results have been – ○ For uncut gold grades; ○ Intercepts were defined (bounded) by 0.5g/t gold outer limit and may contain some internal waste; ○ Only intervals grading ≥1 g/t gold were reported; ○ Grades were calculated by length weighted average.
	• *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.*	Exploration results are reported as length weighted average grades with internal high grade intercepts reported separately.
	• *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	No metal equivalents are reported.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* ○ *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* ○ *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	Reported results include the drilled width and an estimate of true width. At Caloma and Roswell the true width is approximately 80% of the drilled width.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	Cross sections and plans showing drilling with 3D geological modelling are included in the body of this announcement.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	Comprehensive reporting has been undertaken with all holes grading >1g/t Au listed in the included table. Too many drill holes to reasonably report all holes.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	No other exploration data is considered meaningful for reporting.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).*	Additional surface drilling has been completed to compliment an assessment of mining resources below the open pit at Caloma and the planned open cut at Roswell by underground methods and also Underground diamond infill drilling following up on the mineralisation intersected by the surface drilling.

Criteria	JORC Code explanation	Commentary
	• *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	 The attached image above shows estimated blocks coloured showing different grades of mineralisation highlighting the high grade potential down dip for further exploration.