Tomingley Drilling Discovers New Mineralisation at McLeans

03.11.2025 | GlobeNewswire

- Underground core drilling at Tomingley is focused on defining extensions to resources as well as improving confidence of Inferred Resources at McLeans and the Western Monzodiorite domain at Roswell. Both McLeans and the Western Monzodiorite are immediately adjacent to existing underground infrastructure.
- Underground drilling comprising of 9 diamond holes for a total of 3,247 metres was completed to improve the confidence of the Inferred Resource at McLeans. This drilling discovered a second andesite with significant gold mineralisation, located approximately 150m to the west of the current resource. Significant gold intercepts hosted by the western andesite include:

MCLUG013D	26 metres grading 4.36 g/t Au from 112 metres;
incl	3.3 metres grading 22.8 g/t Au from 112.7 metres.
MCLUG012D	10.7 metres grading 2.09 g/t Au from 105 metres.
MCLUG011D	8 metres grading 2.33 g/t Au from 113 metres;
incl	0.8 metres grading 14.4 g/t Au from 118 metres.
MCLUG007D	5.2 metres grading 1.62 g/t Au from 99.9 metres;
and	6.1 metres grading 2.65 g/t Au from 113 metres.
MCLUG006D	7.8 metres grading 3.46 g/t Au from 120 metres;
incl	1.0 metres grading 10.1 g/t Au from 126 metres.

Significant drilling intercepts within the McLeans Inferred Resource hosted by the eastern andesite comprise:

MCLUG012D	10 metres grading 1.31 g/t Au from 284 metres;
and	3.7 metres grading 1.66 g/t Au from 314.1 metres.
MCLUG010D	0.5 metres grading 38.9 g/t Au from 332.5 metres.
MCLUG007D	8 metres grading 2.67 g/t Au from 293.2 metres;
incl	3.1 metres grading 4.52 g/t Au from 298.1 metres;
and	8 metres grading 4.38 g/t Au from 320 metres;
incl	2 metres grading 12.6 g/t Au from 320 metres.
MCLUG005D	10 metres grading 1.54 g/t Au from 276 metres.

- An intensive underground diamond core drilling program within and extensions to the current Inferred Resource hosted by the Western Monzodiorite domain at Roswell is in progress. Results have been received from 89 holes totalling 18,064 metres that were focussed within the mid-portion of the monzodiorite domain infilling existing drilling to a nominal 15m x 20m grid spacing for the purpose of converting to an Indicated Resource. The drilling confirmed multiple wide, high-grade gold intercepts within the 30m thick monzodiorite. Best intercepts include:

ROSGT001D	9.3 metres grading 3.88 g/t Au from 157.9 metres;
incl	1.1 metres grading 10.5 g/t Au from 157.9 metres;
and	1.8 metres grading 2.05 g/t Au from 177.2 metres.
ROSUG050D	25.6 metres grading 1.94 g/t Au from 276.1 metres.
ROSUG426D	24.2 metres grading 2.65 g/t Au from 115.3 metres.
ROSUG430D	12.1 metres grading 5.44 g/t Au from 115.3 metres.
ROSUG440D	6.5 metres grading 8.03 g/t Au from 166.5 metres;
incl	0.9 metres grading 37.3 g/t Au from 171.6 metres.

ROSUG442D	3.9 metres grading 12.2 g/t Au from 160.1 metres;
incl	1.2 metres grading 25.4 g/t Au from 162 metres.
ROSUG458D	16 metres grading 1.67 g/t Au from 276.4 metres;
and	5 metres grading 1.59 g/t Au from 304 metres;
and	5 metres grading 3.19 g/t Au from 316 metres;
and	5.1 metres grading 2.82 g/t Au from 328 metres.
ROSUG564D	14 metres grading 2.19 g/t Au from 119 metres;
and	2.8 metres grading 3.94 g/t Au from 140.2 metres.
ROSUG572D	12.4 metres grading 3.00 g/t Au from 109 metres;
incl	0.7 metres grading 30.6 g/t Au from 115.6 metres.
ROSUG584D	3.2 metres grading 2.04 g/t Au from 128 metres;
and	7.9 metres grading 14.6 g/t Au from 154 metres;
inc	1.1 metres grading 84.4 g/t Au from 154 metres.
ROSUG595D	3.2 metres grading 1.99 g/t Au from 158.8 metres;
and	2 metres grading 2.02 g/t Au from 165 metres;
and	9.5 metres grading 4.73 g/t Au from 170 metres.

- Additional exploration drilling is planned to test the underground potential at Wyoming Three, extensions to mineralisation north of Caloma and a deep structural target (thrust splay identified by 2D seismic) beneath Roswell. Underground exploration drilling continues at Roswell.

PERTH, Australia, Nov. 02, 2025 -- Alkane Resources Ltd. (ASX:ALK; TSX:ALK; OTCQX:ALKEF) ('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 are open at depth and along strike. This drilling further demonstrates not only the significant resource expansion potential across the mine site but the potential to discover other deposits.*

"Our underground and surface drill programs throughout Tomingley continue. We look forward to continuing to add further resources and mine life."

Tomingley

Alkane Resources Ltd 100%

Tomingley 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, Caloma Two and Roswell gold deposits. To date, mining occurred underground at Wyoming One, Caloma, Caloma Two and Roswell deposits. Roswell stope ore production came on stream in April 2024 (See ASX Announcement dated 22 April 2024 and titled 'Production Ore Extraction Commences at Roswell') via an approximately 3 km decline from the Wyoming One open cut.

The Tomingley deposits are located within a tightly folded Ordovician volcano-sedimentary sequence that has been altered to a sericite-carbonate-albite-quartz-pyrite-arsenopyrite assemblage that is typical of orogenic lode-style gold deposits. Mineralised fluids are interpreted to have been focused by differential strain in and around andesitic volcanics due to the rheological competency contrast between the volcanics and the bounding volcaniclastic sediments. The brittle nature of the volcanics often leads to the development of shear-hosted sheeted quartz vein and breccia deposits within and adjacent to the andesitic 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 Announcement dated 15 October 2025 and titled 'NSW Resources and Reserves Statements FY25'.

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

McLeans

The Inferred Resource at McLeans was estimated at 0.87 million tonnes grading 2.51g/t gold for 70,000oz (See ASX Announcement dated 2 May 2022 and titled 'Roswell Mineral Resource up 37%'). The deposit is primarily hosted by one 'brittle' andesite with similar texture and geochemistry as the andesite that is host to most of the mineralisation at the Roswell deposit. The host andesite begins approximately 130m below the surface, is approximately 250m in strike length and remains open at depth. The andesite averages a thickness of 60m but thins to 25m along its upper and northern margins forming a 'keel'. The mineralisation was interpreted to form three subvertical en échelon sheeted lodes. With high-grade ore shoots focused along the 'keel' that remains open at depth along the northern edge of the andesite.

In September, an underground drilling program comprising of 9 holes for a total of 3,247 metres was completed to improve the confidence at the McLeans Inferred Resource by infilling the drilling pattern to 40m x 60m. This drilling has discovered a second 'western' andesite with significant gold mineralisation that is located 150 metres west of the current McLeans resource estimation. Significant intercepts hosted by the Western Andesite include:

MCLUG013D	26 metres grading 4.36g/t Au from 112 metres;
incl	3.3 metres grading 22.8g/t Au from 112.7 metres.
MCLUG012D	10.7 metres grading 2.09g/t Au from 105 metres.
MCLUG011D	8 metres grading 2.33g/t Au from 113 metres;
incl	0.8 metres grading 14.4g/t Au from 118 metres.
MCLUG007D	5.2 metres grading 1.62g/t Au from 99.9 metres;
and	6.1 metres grading 2.65g/t Au from 113 metres.
MCLUG006D	7.8 metres grading 3.46g/t Au from 120 metres;
incl	1.0 metres grading 10.1g/t Au from 126 metres.

The nominal drilling pattern was reduced from 80m x 80m that the Inferred Resource was based on to 40m x 60m to help improve the confidence in the estimation at McLeans. Significant intercepts into the Eastern Andesite and the Inferred Resource include:

MCLUG012D	10 metres grading 1.31g/t Au from 284 metres;
and	3.7 metres grading 1.66g/t Au from 314.1 metres.
MCLUG010D	0.5 metres grading 38.9g/t Au from 332.5 metres.
MCLUG009D	8 metres grading 1.85g/t Au from 301 metres.
MCLUG007D	8 metres grading 2.67g/t Au from 293.2 metres;
incl	3.1 metres grading 4.52g/t Au from 298.1 metres;
and	8 metres grading 4.38g/t Au from 320 metres;
incl	2 metres grading 12.6g/t Au from 320 metres.
MCLUG005D	10 metres grading 1.54g/t Au from 276 metres.

Further drilling is planned to test both the Eastern and Western Andesite hosts at McLeans and to include the discovered Western Andesite into the McLeans Resource Estimation.

Roswell

A significant portion of the Roswell underground Inferred Resources (408 kt grading 1.9 g/t Au - see ASX

Announcement dated 15 October 2025 and titled 'NSW Resources and Reserves Statement FY25') is hosted in the Western Monzodiorite domain. An intensive underground diamond core drilling program targeting the Western Monzodiorite resource and its open extensions is in progress at Roswell. The drilling will improve the confidence of the Mineral Resource Estimation (MRE) and provide a basis for conversion to Ore Reserves.

Results have been received from 89 holes totalling 18,064 metres that are focused within the mid-portion of the monzodiorite domain infilling existing drilling to a nominal 15m x 20m grid spacing for the purpose of converting to an Indicated Resource. The drilling confirmed multiple wide, high-grade gold intercepts within the 30 m thick monzodiorite. The results received are a large part of the current drill program within the Western Monzodiorite and include best intercepts of:

ROSGT001D	9.3 metres grading 3.88 g/t Au from 157.9 metres;
incl	1.1 metres grading 10.5 g/t Au from 157.9 metres;
and	1.8 metres grading 2.05 g/t Au from 177.2 metres.
ROSUG050D	25.6 metres grading 1.94 g/t Au from 276.1 metres.
ROSUG426D	24.2 metres grading 2.65 g/t Au from 115.3 metres.
ROSUG430D	12.1 metres grading 5.44 g/t Au from 115.3 metres.
ROSUG440D	6.5 metres grading 8.03 g/t Au from 166.5 metres;
incl	0.9 metres grading 37.3 g/t Au from 171.6 metres.
ROSUG442D	3.9 metres grading 12.2 g/t Au from 160.1 metres;
incl	1.2 metres grading 25.4 g/t Au from 162 metres.
ROSUG458D	16 metres grading 1.67 g/t Au from 276.4 metres;
and	5 metres grading 1.59 g/t Au from 304 metres;
and	5 metres grading 3.19 g/t Au from 316 metres;
and	5.1 metres grading 2.82 g/t Au from 328 metres.
ROSUG564D	14 metres grading 2.19 g/t Au from 119 metres;
and	2.8 metres grading 3.94 g/t Au from 140.2 metres.
ROSUG572D	12.4 metres grading 3.00 g/t Au from 109 metres;
incl	0.7 metres grading 30.6 g/t Au from 115.6 metres.
ROSUG584D	3.2 metres grading 2.04 g/t Au from 128 metres;
and	7.9 metres grading 14.6 g/t Au from 154 metres;
incl	1.1 metres grading 84.4 g/t Au from 154 metres.
ROSUG595D	3.2 metres grading 1.99 g/t Au from 158.8 metres;
and	2 metres grading 2.02 g/t Au from 165 metres;
and	9.5 metres grading 4.73 g/t Au from 170 metres.

Final results will be published when received and compiled.

Surface exploration drilling on the at Tomingley mine site will commence in November 2025. The diamond core drilling is planned to test the underground potential at Wyoming Three, extensions to mineralisation north of Caloma and to test a deep structural target (thrust splay identified by 2D seismic) beneath Roswell. Underground exploration drilling continues at Roswell.

Tomingley Mineral Resources

TOMINGLEY GOLD OPERATION MINERAL RESOURCES (as at 30 June 2025)

	MEASURED		INDICATED		INFERRED		TOTAL		Total Gold
DEPOSIT	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	Tonnage (kt)	Grade (g/t Au)	(koz)
Open Pittable Resources (cut off 0.40g/t Au)									

San Antonio	0	0.0	5,930	1.8	1,389	1.3	7,319	1.7	406
Sub Total	0	0.0	5,930	1.8	1,389	1.3	7,319	1.7	406
Underground Resources (cut off 1.3g/t Au)									
Wyoming One	1033	2.7	636	2.2	104	2.1	1,772	2.5	140
Wyoming Three	46	2.2	24	2.0	20	1.9	90	2.1	6
Caloma One	598	2.2	795	2.1	17	1.5	1,410	2.2	98
Caloma Two	368	2.3	1499	2.3	362	2.0	2,229	2.3	162
Roswell	2,649	2.9	2487	2.6	408	1.9	5544	2.6	476
McLeans					870	2.5	870	2.5	70
Sub Total	4,694	2.7	5,441	2.4	1,781	2.2	11,915	2.5	952
TOTAL	4,694	2.7	11,371	2.1	3,170	1.8	19,234	2.2	1,358

Apparent arithmetic inconsistencies are due to rounding
These Mineral Resources are wholly inclusive of Ore Reserves.

Tomingley Ore Reserves

TOMINGLEY GOLD OPERATION ORE RESERVES(as at 30 June 2025)

	PROVED		PROBABLE		TOTAL		Total Gold
DEPOSIT	Tonnage (Kt)	Grade (g/t Au)	Tonnage (Kt)	Grade (g/t Au)	Tonnage (Kt)	Grade (g/t Au)	(Koz)
Open Pittable Reserves (cut off 0.40g/t Au)							
San Antonio	0	0.0	4,100	1.6	4,100	1.6	214
Stockpiles	314	1.1	0	0	314	1.1	11
Sub Total	314	1.1	4,100	1.6	4,414	1.6	225
Underground Reserves (cut off 1.3g/t Au and 1.6g/t Au for Roswell)							
Wyoming One	26.4	1.8	1	1.2	27	1.8	2
Caloma One	134.7	1.7	337.4	1.5	472	1.6	24
Caloma Two	38.4	1.5	936.2	1.7	975	1.7	53
Roswell	2,365	2.3	2,109	2.1	4,474	2.2	316
Sub Total	2,564	2.3	3,383	1.9	5,948	2.1	396
TOTAL	2,878	2.1	7,483	1.7	10,362	1.9	621

Apparent arithmetic inconsistencies are due to rounding

The above tables were published in ASX Announcement dated 15 October 2025 and titled 'NSW Resources and Reserves Statement FY25'.

Table 1 - TOMINGLEY GOLD OPERATIONS SIGNIFICANT RESULTS AT MCLEANS - October 2025 (>1.3g/t)

Hole ID	Easting (MGA)	Northing (MGA)	RL (m)	Dip	Azimuth (Grid)	Total Depth	Interval From (m)	Interval To (m)
MCLUG005D	614060	6391501	-57	3	82	360	276	286
incl							283	286
MCLUG006D	614060	6391501	-57	1	74	363	120	127.8
incl							126	127
and							299	300
and							310	312
incl							311.3	312
and							332	332.8
MCLUG007D	614060	6391501	-58	-5	72	357	99.9	105.1
and							113	119.1
incl							113	115.7
and							293.2	301.2

incl							298.1	301.2
and							307.8	309
and							320	328
incl							320	322
MCLUG008D	614060	6391501	-58	-7	78	369.4	100	101
and							103	104.3
and							113	116.3
and							284	286.7
incl							286	286.7
MCLUG009D	614060	6391501	-58	-9	70	348.4	153.5	154.1
and							301	309
MCLUG010D	614060	6391501	-58	-12	82	357.4	106.5	107.3
and							332.5	333
MCLUG011D	614060	6391501	-58	-16	76	350.8	113	121
incl							118	118.8
MCLUG012D	614060	6391501	-58	-24	81	351.6	105	115.7
incl							107.7	112.7
and							284	294
incl							284	285
and							314.1	317.8
incl							316.8	317.8
and							320.9	321.3
MCLUG013D	614060	6391501	-59	-41	81	389.7	112	138
incl							112.7	116
also							127.2	128.8
and							373	373.6

True widths are approximately 80% of intercept width. Reported intercepts (>1.3g/t Au) are calculated using a broad lower cut of 1.0g/t Au although grades lower than this may be present internally (internal dilution).

Table 2 - TOMINGLEY GOLD OPERATIONS SIGNIFICANT RESULTS ROSWELL - October 2025 (>1.3g/t)

Hole ID	Easting (MGA)	Northing (MGA)	RL (m)	Dip	Azimuth (Grid)	Total Depth	Interval From (m)	Interval To (m)
ROSGT001D	613928	6390716	-68	-49	255	246.5	157.9	167.2
incl							157.9	162
incl							157.9	159
also							165.6	166.4
and							177.2	179
and							197	197.8
and							202.6	203.6
ROSUG016D	614070	6390825	-132	-5	274	302.9	*No significant intercept (<1.3g/t A*	
ROSUG019D	614070	6390826	-132	-5	287	267	*No significant intercept (<1.3g/t A*	
ROSUG026D	614070	6390825	-132	-5	261	308.9	207.6	209.1
and							225	227
and							229.3	232.6
ROSUG036D	614070	6390825	-133	-21	261	305.8	219.2	224
incl							219.2	220.2
and							227.5	228
and							256	262
ROSUG037D	614070	6390825	-133	-21	274	290.7	215.4	217.8
and							224	224.8
and							228.4	230
and							254.8	255.1

ROSUG038D	614070	6390826	-133	-22	284	287.9	*No significant intercept (<1.3g/t A*
ROSUG050D	614071	6390825	-133	-36	260	356.9	267.3	268.6
and							276.1	301.7
incl							278	281
ROSUG051D	614070	6390825	-133	-38	273	356.2	264	265
and							300.7	301.9
ROSUG052D	614071	6390826	-133	-36	285	336	267.1	279
ROSUG163D	614053	6390740	-145	2	264	300.2	208.6	210
and							250.3	252.1
ROSUG164D	614053	6390739	-145	3	253	341.6	220.7	225.5
ROSUG171D	614053	6390739	-145	-15	261	332.7	215.1	216
and							224	235
incl							224	227.1
and							243	245
and							251	255.2
ROSUG172D	614053	6390739	-145	-15	251	363.3	262.6	263.6
ROSUG409D	613969	6390780	-143	4	304	150	132.7	133.3
ROSUG411D	613969	6390780	-143	-8	302	156.1	*No significant intercept (<1.3g/t A*
ROSUG412D	613969	6390780	-144	-19	303	168.1	131.4	132.8
and							139	140.9
ROSUG413D	613969	6390780	-143	-3	295	149.6	122.6	124
and							130	131
ROSUG414D	613969	6390780	-144	-14	295	168.1	124.9	127.8
ROSUG415D	613969	6390780	-144	-23	291	186	122.7	123.5
and							128	135.5
and							143.9	144.6
ROSUG417D	613969	6390780	-142	4	286	150	119	120
and							121.7	122.2
and							125	126
ROSUG418D	613969	6390780	-143	-7	286	152.7	115.4	116.6
and							125	130.4
ROSUG419D	613966	6390772	-144	-20	284	167.7	123	124
and							141	142.2
ROSUG420D	613966	6390772	-144	-27	285	185.8	123.4	124.3
and							128	130.8
ROSUG421D	613969	6390780	-142	11	279	146.5	106.9	109
incl							107.3	108
and							131	132
ROSUG422D	613968	6390779	-143	-3	277	155.7	116.8	118
and							124.6	131.4
ROSUG423D	613972	6390781	-170	-4	277	152.6	109.4	109.7
ROSUG424D	613966	6390772	-144	-23	277	173.7	136	137.4
and							156.7	157.8
ROSUG426D	613969	6390780	-142	4	268	151.9	115.3	139.5
ROSUG427D	613972	6390780	-169	3	266	153	122.9	125
ROSUG428D	613966	6390772	-144	-18	266	161.7	112.2	122.7
incl							117.9	119.8
ROSUG429D	613966	6390772	-144	-28	266	189	156.7	164
incl							156.7	159
ROSUG430D	613969	6390779	-142	10	262	161.4	118.9	131
incl							123	125
also							129	130

and							146	147
ROSUG431D	613968	6390779	-143	-2	261	164.7	113	114
and							121	122
and							125	126
and							131.3	136.9
incl							134.5	136
ROSUG432D	613966	6390771	-144	-13	261	158.7	118	128.7
incl							128.1	128.7
ROSUG433D	613966	6390771	-144	-22	258	182.7	115.9	117.1
ROSUG434D	613968	6390778	-143	3	254	182.5	121.6	122.8
and							134.5	135.5
and							146.2	148.2
incl							146.2	146.9
and							156.6	158.1
ROSUG435D	613972	6390780	-169	3	254	179.7	135.8	144
incl							139.6	140.8
ROSUG436D	613966	6390771	-144	-16	251	179.8	122.7	127.9
ROSUG437D	613968	6390778	-142	7	249	191.5	129.2	131.7
ROSUG438D	613968	6390778	-143	-2	250	191.7	156.7	157.7
ROSUG439D	613966	6390771	-144	-12	249	179.5	131.5	144
incl							139	140
and							164.8	166
and							167.1	168.7
ROSUG440D	613966	6390771	-144	-20	247	197.6	129.3	130.8
and							143.1	143.9
and							153.6	154
and							157	158.9
and							166.5	173
incl							170.7	171.6
ROSUG441D	613968	6390778	-143	3	241	194.6	*No significant intercept (<1.3g/t A*	
ROSUG442D	613972	6390779	-170	3	242	209.6	160.1	164
incl							162	163.2
ROSUG443D	613966	6390770	-144	-14	240	196	147.9	150
and							164.2	172.4
incl							165	166
ROSUG444D	613968	6390778	-142	9	236	199.95	*No significant intercept (<1.3g/t A*	
ROSUG445D	613968	6390778	-143	-2	237	200.6	174.9	184.6
ROSUG446D	613966	6390770	-144	-10	237	191.1	161.3	167
incl							161.3	163
and							174	179
ROSUG447D	613966	6390770	-144	-18	236	212.7	162.3	169.7
incl							166.3	167.6
and							183	184.1
and							186	187
and							190.2	191.3
and							200	201.2
ROSUG458D	614085	6390770	-171	-26	261	366	276.4	292.4
incl							288.3	292.4
and							304	309
and							316	321
and							328	333.1
ROSUG461D	614085	6390770	-171	-26	251	370.6	335.3	336

ROSUG492D	614082	6390761	-13	28	285	226.9	204.8	207
and							220	223
incl							221.1	222
ROSUG496D	614082	6390761	-14	19	273	231	193	193.6
and							201.7	204.7
and							214.8	218
ROSUG499D	614084	6390748	-14	27	275	240	201	217
ROSUG560D	613969	6390780	-143	-2	304	165	*No significant intercept (<1.3g/t A*	
ROSUG561D	613972	6390782	-170	-3	302	140.8	126	131
incl							126	127.1
and							135	135.9
ROSUG562D	613972	6390781	-170	-15	301	158.7	134.5	137.3
and							144.6	147.9
ROSUG563D	613969	6390780	-143	-8	293	152.9	116	116.4
and							120.2	124
and							132.3	133.5
ROSUG564D	613972	6390781	-170	-10	292	152.5	119	133
incl							130.7	133
and							140.2	143
ROSUG565D	613966	6390772	-144	-25	293	188.8	119.4	133.2
incl							119.4	121
and							141.6	143
ROSUG567D	613968	6390779	-143	-2	286	146.7	120	121
and							132	134
ROSUG568D	613972	6390781	-170	-4	285	149.8	113.1	120.6
ROSUG569D	613966	6390772	-144	-23	286	182.7	114	119
and							123.2	124
and							126	132
and							139.1	140.2
ROSUG572D	613969	6390780	-142	4	277	146	109	121.4
incl							115.6	116.3
and							131.3	132
and							134.8	137.8
ROSUG573D	613969	6390779	-143	-8	277	153	121.5	125.6
ROSUG574D	613966	6390772	-144	-19	276	161.8	111.3	112.4
ROSUG577D	613968	6390779	-143	-2	269	158.8	110.5	112
and							116.8	120
and							123.7	126.6
ROSUG578D	613972	6390780	-170	-3	269	155.8	115	120
incl							116.9	117.8
ROSUG579D	613966	6390771	-144	-24	265	177	109.7	111.1
and							115	116.1
and							118.5	120.2
and							162.1	163.1
ROSUG581D	613969	6390779	-142	4	260	163.6	119.7	120.7
and							123.3	124.6
and							129.9	130.8
and							133.3	135.7
and							146.7	147.5
ROSUG582D	613972	6390780	-169	3	260	168	120.3	121.1
and							128.5	136
ROSUG583D	613966	6390771	-144	-16	260	164.8	117.9	122

incl							119.2	119.7
ROSUG584D	613968	6390779	-142	8	257	181.2	120.6	122
and							128	131.2
and							143.7	145
and							154	161.9
incl							154	155.1
ROSUG585D	613968	6390778	-143	-1	256	179.7	117.1	118.3
and							123.8	124.1
and							135.2	139.1
and							144	144.5
ROSUG586D	613966	6390771	-144	-12	256	164.7	126.3	129.3
and							133	134.8
and							142	143.6
ROSUG587D	613966	6390771	-144	-21	254	177	123.3	124.1
and							162.3	163.4
ROSUG588D	613968	6390778	-143	3	250	197.7	125	127
and							158.8	166
ROSUG589D	613972	6390780	-169	2	248	194.7	139	145.1
and							149.5	154.4
and							163.2	164.4
ROSUG590D	613966	6390771	-144	-16	252	182.7	127.9	128.2
and							167.5	169
ROSUG591D	613968	6390778	-143	-1	245	191.6	135.2	136.1
and							172	174.2
ROSUG592D	613966	6390770	-144	-10	242	191.7	158.7	175.1
incl							170	175.1
ROSUG593D	613966	6390771	-144	-18	242	197.8	142.2	143.8
and							160	163
and							183	184
ROSUG594D	613972	6390779	-170	2	237	200.5	173	183.6
ROSUG595D	613966	6390770	-144	-13	240	206.6	158.8	162
and							165	167
and							170	179.5
incl							173	176.2
also							178.3	179.5
ROSUG638D	613966	6390770	-143	3	230	192	*No significant intercept (<1.3g/t A*	
ROSUG639D	613966	6390770	-143	-1	232	194.6	168	169.5
ROSUG641D	613966	6390770	-143	-5	233	200.6	*No significant intercept (<1.3g/t A*	
ROSUG642D	613966	6390770	-144	-13	233	200.6	176.5	181.2
incl							178	179

True widths are approximately 80% of intercept width. Reported intercepts (>1.3g/t Au) are calculated using a broad lower cut of 1.0g/t Au although grades lower than this may be present internally (internal dilution).

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

ABOUT ALKANE ? alkres.com ? ASX:ALK | TSX: ALK | OTCQX: ALKEF

Alkane Resources (ASX:ALK; TSX:ALK; OTCQX:ALKEF) is an Australia-based gold and antimony producer with a portfolio of three operating mines across Australia and Sweden. The Company has a strong balance sheet and is positioned for further growth.

Alkane's wholly owned producing assets are the Tomingley open pit and underground gold mine southwest

of Dubbo in Central West New South Wales, the Costerfield gold and antimony underground mining operation northeast of Heathcote in Central Victoria, and the Björkdal underground gold mine northwest of Skellefteå in Sweden (approximately 750km north of Stockholm). Ongoing near-mine regional exploration continues to grow resources at all three operations.

Alkane also owns the very large gold-copper porphyry Boda-Kaiser Project in Central West New South Wales and has outlined an economic development pathway in a Scoping Study. The Company has ongoing exploration within the surrounding Northern Molong Porphyry Project and is confident of further enhancing eastern Australia's reputation as a significant gold, copper and antimony production region.

Competent Person Statement

As an Australian Company with securities listed on the Australian Securities Exchange (ASX), Alkane is subject to Australian disclosure requirements and standards, including the requirements of the Corporations Act 2001 and the ASX. Investors should note that it is a requirement of the ASX Listing Rules that the reporting of ore reserves and mineral resources in Australia is in accordance with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code) and that Alkane's ore reserve and mineral resource estimates and reporting comply with the JORC Code.

Alkane is also subject to certain Canadian disclosure requirements and standards as a result of its secondary listing on the Toronto Stock Exchange (TSX), including the requirements of National Instrument 43-101 - Standards of Disclosure for Mineral Projects (NI 43-101). Investors should note that it is a requirement of Canadian securities law that the reporting of mineral reserves and mineral resources in Canada and the disclosure of scientific and technical information concerning a mineral project on a property material to Alkane comply with NI 43-101.

Unless otherwise advised above, or in the relevant ASX announcements referenced, the information in this announcement that relates to exploration results, mineral resources and ore reserves is based on information compiled by Mr D I Chalmers, FAusIMM, FAIG (Alkane Technical Advisor) who has sufficient experience that 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 JORC Code and as a Qualified Person under NI 43-101. Mr Chalmers consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

The information in this announcement that relates to previously reported exploration results, mineral resources and ore reserves is extracted from the Company's ASX announcements noted in the text of the announcement and 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.

Technical Reports released to the TSX or for TSX Market

Alkane has prepared the following NI 43-101 compliant technical reports which support the information contained herein, each of which is available under Alkane's profile on SEDAR+ at www.sedarplus.ca: •

- *"Boda-Kaiser Copper-Gold Project, New South Wales, Australia" with an effective date of June 6, 2025; and*
- *"Tomingley and Peak Hill Gold Projects, NSW, Australia" with an effective date of June 6, 2025.*

Reference should be made to the full text of the foregoing technical reports for the assumptions, qualifications and limitations relating to the Mineral Resource Estimates and Ore Reserves contained therein and herein. All material assumptions and technical parameters underpinning the estimates in the technical reports continue to apply and have not materially changed.

Cautionary Note Regarding Forward-Looking Information and Statements

This announcement contains certain forward-looking information and forward-looking statements within the meaning of applicable securities legislation and may include future-oriented financial information or financial outlook information (collectively Forward-Looking Information). Actual results and outcomes may vary materially from the amounts set out in any Forward-Looking Information. As well, Forward-Looking Information may relate to: future outlook and anticipated events; expectations regarding exploration potential; production capabilities and future financial or operating performance, including AISC, investment returns, margins and share price performance; production and cost guidance and the timing thereof; issuing updated resources and reserves estimate and the timing thereof; the potential of Alkane to meet industry targets, public profile and expectations; and future plans, projections, objectives, estimates and forecasts and the timing related thereto.

Forward-Looking Information is generally identified by the use of words like "will", "create", "enhance", "improve", "potential", "expect", "upside", "growth" and similar expressions and phrases or statements that certain actions, events or results "may", "could", or "should", or the negative connotation of such terms, are intended to identify Forward-Looking Information.

Although Alkane believes that the expectations reflected in the Forward-Looking Information are reasonable, undue reliance should not be placed on Forward-Looking Information since no assurance can be provided that such expectations will prove to be correct. Forward-Looking Information is based on information available at the time those statements are made and/or good faith belief of the officers and directors of Alkane as of that time with respect to future events and are subject to risks and uncertainties that could cause actual results to differ materially from those expressed in or suggested by the Forward-Looking Information. Forward-Looking Information involves numerous risks and uncertainties. Such factors include, without limitation: risks relating to changes in the gold and antimony price.

Forward-Looking Information is designed to help readers understand Alkane's views as of that time with respect to future events and speak only as of the date they are made. Except as required by applicable law, Alkane assumes no obligation to update or to publicly announce the results of any change to any forward-looking statement contained or incorporated by reference herein to reflect actual results, future events or developments, changes in assumptions or changes in other factors affecting the Forward-looking Information. If Alkane updates any one or more forward-looking statements, no inference should be drawn that the company will make additional updates with respect to those or other Forward-looking Information. All Forward-Looking Information contained in this announcement is expressly qualified in its entirety by this cautionary statement.

Disclaimer

Alkane has prepared this announcement based on information available to it. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions or conclusions contained in this announcement. To the maximum extent permitted by law, none of Alkane, its directors, officers, employees, associates, advisers and agents, nor any other person accepts any liability, including, without limitation, any liability arising from fault or negligence on the part of any of them or any other person, for any loss arising from the use of this announcement or its contents or otherwise arising in connection with it.

This announcement is not an offer, invitation, solicitation, or other recommendation with respect to the subscription for, purchase or sale of any security, and neither this announcement nor anything in it shall form the basis of any contract or commitment whatsoever.

APPENDIX 1

JORC Code, 2012 Edition - Table 1 report - Roswell and McLeans October 2025
Section 1 Sampling Techniques and Data
(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation

	● *Nature and quality of sampling (eg cut channels, random ch*
Sampling techniques	● *Include reference to measures taken to ensure sample repre*
	● *Aspects of the determination of mineralisation that are Mate*
Drilling techniques	● *Drill type (eg core, reverse circulation, open-hole hammer, r*
Drill sample recovery	● *Method of recording and assessing core and chip sample re*
	● *Measures taken to maximise sample recovery and ensure re*
	● *Whether a relationship exists between sample recovery and*
Logging	● *Whether core and chip samples have been geologically and*
	● *Whether logging is qualitative or quantitative in nature. Core*
	● *The total length and percentage of the relevant intersections*
Sub-sampling techniques and sample preparation	● *If core, whether cut or sawn and whether quarter, half or all*
	● *If non-core, whether riffled, tube sampled, rotary split, etc an*
	● *For all sample types, the nature, quality and appropriateness*
	● *Quality control procedures adopted for all sub-sampling stag*
	● *Measures taken to ensure that the sampling is representativ*
	● *Whether sample sizes are appropriate to the grain size of th*

Quality of assay data and laboratory tests	● *The nature, quality and appropriateness of the assaying and*
	● *For geophysical tools, spectrometers, handheld XRF instrum*
	● *Nature of quality control procedures adopted (eg standards,*
Verification of sampling and assaying	● *The verification of significant intersections by either indepen*
	● *The use of twinned holes.*
	● *Documentation of primary data, data entry procedures, data*
Location of data points	● *Discuss any adjustment to assay data.*
	● *Accuracy and quality of surveys used to locate drill holes (co*
	● *Specification of the grid system used.*
	● *Quality and adequacy of topographic control.*
Data spacing and distribution	● *Data spacing for reporting of Exploration Results.*
	● *Whether the data spacing and distribution is sufficient to est*
	● *Whether sample compositing has been applied.*
Orientation of data in relation to geological structure	● *Whether the orientation of sampling achieves unbiased sam*
	● *If the relationship between the drilling orientation and the ori*

Sample security	● *The measures taken to ensure sample security.*
Audits or reviews	● *The results of any audits or reviews of sampling techniques*

Section 2 Reporting of Exploration Results
(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation
Mineral tenement and land tenure status	● *Type, reference name/number, location and ow* ● *The security of the tenure held at the time of re*
Exploration done by other parties	● *Acknowledgment and appraisal of exploration b*
Geology	● *Deposit type, geological setting and style of mi*

Drill hole Information	● *A summary of all information material to the un*
	  ● *easting and northing of the drill hole colla*
	  ● *elevation or RL (Reduced Level - elevatio*
	  ● *dip and azimuth of the hole*
	  ● *down hole length and interception depth*
	  ● *hole length.*
	● *If the exclusion of this information is justified or*

Data aggregation methods	● *In reporting Exploration Results, weighting ave* ● *Where aggregate intercepts incorporate short l* ● *The assumptions used for any reporting of met*

Relationship between mineralisation widths and intercept lengths	● *These relationships are particularly important i* ● *If the geometry of the mineralisation with* ● *If it is not known and only the down hole*
Diagrams	● *Appropriate maps and sections (with scales) ar*
Balanced reporting	● *Where comprehensive reporting of all Explorat*
Other substantive exploration data	● *Other exploration data, if meaningful and mate*
Further work	● *The nature and scale of planned further work (e* ● *Diagrams clearly highlighting the areas of poss*

CONTACT: NIC EARNER, MANAGING DIRECTOR & CEO, ALKANE RESOURCES LTD, TEL +61 8 9227 5677

INVESTORS & MEDIA: NATALIE CHAPMAN, CORPORATE COMMUNICATIONS MANAGER, TEL +61 418 642 556