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Tomingley Gold Mine COMMUNITY UPDATE

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ASX : ALK

Site news

500,000th ounce milestone

In May, we poured our 500,000th ounce of gold, just over eight years after plant commissioning in January 2014.

When we commenced mining at Tomingley in 2013, the plan was to produce 380,000 ounces from open cut and underground over seven years. However, we were also quietly confident that further discoveries would be made during that time to allow extension.

We're delighted to have passed 500,000 ounces and proved that confidence well-founded. If the extension project goes ahead, we hope to pour at least 700,000 ounces more.

We thank the Tomingley and Narromine Shire communities for your support of Alkane and Tomingley Gold Mine over the past decade.



Tomingley General Manager Operations Jason Hughes (centre) celebrates the 500th ounce poured with the Tomingley management team.

Tomingley Gold Extension Project

We continue to progress approval of the Tomingley Gold Extension Project (TGEP), which seeks to extend our mining operations to the San Antonio and Roswell deposits south of Tomingley.

Our previous update announced the start of the public exhibition period for the Environmental Impact Statement (EIS), which occurred in March and is now complete.

We received a handful of submissions, which we responded to in May. At present, we are working with the NSW Department of Planning and Environment to clarify a limited number of technical aspects, hopefully to be followed by project approval.

New residue storage facility

Early works have commenced for the construction of a second residue storage facility (RSF) onsite.

This second RSF, which safely stores processing residue, will support the next phase of gold production, including the Tomingley Gold Extension Project.

We obtained approval for RSF2 in 2021. Preconstruction works so far include fencing, vegetation removal, construction of erosion and sediment control structures, water management structures and early topsoil stripping.

Vent shaft for exploration drive

Around 100m north of McNivens Lane, we've been constructing a ventilation shaft for the long exploration drive extending from our underground mine towards the Roswell deposit.

The ventilation shaft has a diameter of 2.4m and a depth of approximately 220m, which is the depth of the exploration drive at that point.

A smooth bore hole is being created using a raise bore drilling rig with a reaming head, followed by shotcreting.

Current works at the surface involve construction of a low-profile structure to cap the shaft.

The purpose of this concrete and steel structure is to allow air movement, while preventing ingress of debris and inquisitive fauna. It will ultimately be enclosed by a secure chain-link fence.

So far, we've developed approximately 1.9km of the exploration drive.

At expected completion in March 2023 the exploration drive will be nearly 3km long and decline to a depth of 450m at a gradient of one in eight (12%).



Construction of the cap for the vent shaft

NSW Women in Mining Award

Casey Martin, one of our underground bopper operators, has been presented with the 'Outstanding Trade, Operator or Technician' award at the 2022 NSW Women in Mining Awards.

Casey joined our team in June 2021 and was the first female underground operator at Tomingley. Throughout her 17-year mining career, Casey has navigated the challenge of being a woman in mining with determination and resilience.

This award recognises Casey as being a skilled and versatile underground operator. She takes pride in 'doing the job once and doing it right' and 'working smart, not just hard'. She has also been recognised for her dedication to encouraging more women to take on non-traditional roles in the mining industry.

Casey is an excellent role model at Tomingley – for all newcomers, not just young women. Alkane was proud to nominate Casey for the 2022 NSW Women in Mining Awards. We congratulate her win in the Outstanding Trade, Operator or Technician category, announced 23 June 2022.



Casey Martin was awarded 'Outstanding Trade, Operator or Technician' at the NSW Women in Mining Awards.

New faces

Andrew Brown – Underground Manager

Our new Underground Manager, Andrew Brown, joined our team in June. He came with his family to the Central West three and half years ago to work at Cadia Valley Operations on the underground expansion works.

A mining engineer graduate of the University of NSW, Andrew spent most of his earlier career working at Cannington Mine, a lead silver and zinc long hole stoping operation, where he obtained his Queensland First Class Mine Manager’s Certificate.

He says, “I have now been at Tomingley Gold Mine for two months and am loving every minute working with great people.”



Andrew Brown, Underground Manager

Brian Dawson – Environmental Advisor

Brian Dawson joined Tomingley Gold Mine in mid-July, having relocated to Dubbo from the Hunter region in NSW.

He has worked in a range of environmental roles across both NSW and Queensland, including the coal and metalliferous mining sectors and a variety of linear infrastructure and civil construction projects.

He has a Bachelor of Natural Resources from the University of New England in NSW.



Brian Dawson, Environmental Advisor

Modification 7

Tomingley Gold Mine will soon submit a seventh application to modify our planning consent. Modification 7 (MOD7) would involve establishing a new northern access ramp to the Wyoming One open cut within our current and approved operational footprint.

The proposed realignment should bypass the upper section of the existing ramp and provide access at a greater distance from a section of localised and minor geotechnical movement. This would result in safer and more efficient

access to the Wyoming One open cut, which is the location of the portal to the underground mine and the San Antonio Roswell (SAR) exploration drive. The modification would result in a slight increase to the area of the final Wyoming One void.

The MOD7 report will be available on the NSW Department of Planning and Environment’s Major Projects website once submitted.

Exploration update

The challenge of finding additional gold resources for Tomingley Gold Mine falls primarily to Alkane’s exploration team, which is based in Orange. Members of the Tomingley community may recall seeing the drilling machinery in fields beside the Newell Highway over the past couple of years, as the San Antonio and Roswell (SAR) resources were defined.

Alkane has a number of additional exploration targets along the Newell between Tomingley and Peak Hill, forming part of the Tomingley Gold Project. The prospects of current focus are McLeans (2km south of Tomingley, 600m north of the Roswell deposit), El Paso (2km south of San Antonio at Eulinda Park) and Plains (east of Roswell). We drilled at McLeans earlier this year to follow up on encouraging early-stage results. Over the next few months, we hope to drill at El Paso when it’s not so wet.

In addition to drilling, the exploration team undertook a seismic survey around SAR, TGO and Glen Isla (6km east of Tomingley) earlier this year, where reflections from vibrations were used to help identify deep features up to 5km underground. We also completed an aerial magnetic survey by drone of the area south of the current mining lease down to El Paso. Both these techniques help our geologists gain a more complete geological picture of the whole area, which helps with future targeting.



Aerial magnetic survey by drone

Community

Tomingley student heads to schools’ lawn bowls comp

Congratulations to Tomingley student, Cooper Dart, who has been selected to represent New South Wales at lawn bowls in the NSW Combined High Schools (CHS) team.

A year 9 student at Peak Hill Central School and member of the West Dubbo Bowling Club, Cooper recently represented Western Region at the NSW CHC Championships. Now he will play for the state team against Victoria in the School Sports Australia Bowls Championships on 12-16 September.

Tomingley Gold Mine is supporting Cooper’s involvement in these championships by funding travel and uniform costs. We wish him every success.



We’re sponsoring Cooper Dart to attend the School Sports Australia Bowls Championships

Community fund

Alkane continues to support community projects and events through the Tomingley Gold Project Community Fund. Funding is awarded on a submission basis, with final approval by the Narromine Shire Council.

In the first round of funding for 2022, \$8500 was granted to the Tomingley Picnic Race Club to support the annual race day, which took place on 2 April with a strong attendance of around 1000 people. Submissions for the second round of 2022 funding are open now until 12 September.

Through this program we've funded a number of projects around the Tomingley Hall over the past few years and it's always great to see them come to fruition. The latest is the new shade shelter next to the new multi-purpose tennis court.



The winner of the 2022 Tomingley Picnic Cup was 7-year-old mare Gossip. Tomingley General Manager Operations, Jason Hughes, presents the trophies. L to R: Leandro Ribeiro (jockey), Connie Grieg (trainer), Jason Hughes and Jason Hartin (President Tomingley Picnic Race Club).



The shade shelter is a welcome addition to Tomingley Hall.

Careers events

Alkane was delighted to take part in the NSW Mining Careers Dinner held at the Western Plains Zoo on 25 May. The event attracted around 80 students, parents and teachers, with around half of those being students in years 10-12.

Our team was represented by Tomingley's General Manager Operations and Human Resources Manager, Alkane's General Manager NSW, and some of our operators and young professionals. All enjoyed talking to local young people about what they're interested in and shedding some light about what we do at Tomingley Gold Mine.

Alkane also participated in a Clontarf careers event on 24 May. As a sponsor of the Clontarf Foundation's Narromine Academy, we undertake an annual program involving student interaction and employment pathway support for young Aboriginal and Torres Strait Islander men.

Biodiversity and agriculture

Field assessment

Every year, Tomingley Gold Mine engages local consultants DnA Environmental to prepare our Annual Rehabilitation and Biodiversity Assessment report for the NSW Department of Planning and Environment.

In the lead up to preparing the report, the team recently completed their field assessment of 17 permanent field sites. The purpose of the survey is to measure and compare the ecological recovery of conservation and mine rehabilitation areas against reference sites (remnant woodland and native grasslands). It is a condition of project approval to demonstrate progressive ecological targets are being met.

The field sites being monitored include previously cultivated paddocks to the north of the Mining Lease, along Gundong Creek, and areas adjacent to existing linear woodland corridors, which have all been revegetated. The rehabilitation progress of the waste rock emplacements and the noise bund is also being monitored.



Rehabilitation progress on one of our waste rock emplacements

Agriculture and land management

In the Environmental Impact Statement for the Tomingley Gold Extension Project, Alkane has committed to improving the overall land and soil capability of the agricultural land that will not be disturbed by the project (approximately 1450 hectares). This will offset the land that will be either temporarily or permanently removed from agricultural production.

To achieve this we have partnered with the Toongi Pastoral Company (TPC), a sustainable farming enterprise founded by Alkane in 2016 to manage the agricultural land associated with the polymetallic Dubbo Project (now owned by our former subsidiary, ASM).

Over the past year, TPC assisted with preparation of the agricultural impact statement for the TGEP, and is tasked with developing and enacting the long-term land management and rehabilitation plan.

The ultimate goal is to establish a profitable mixed agricultural enterprise that demonstrates leading practice sustainable farming technologies – including genetics, soil and pasture management, and carbon sequestration solutions.

Like most farming enterprises in the Central West, TPC has been challenged by the extreme levels of rainfall experienced over the past year or two. The team has focused on amalgamating the properties, taking stock of inherited infrastructure and learning about the natural aspects of the landscape – such as soil, water and vegetation.

At present, the consolidated property supports about 2000 ewes on either spring or autumn lambing cycles, and about 200 yearling cattle. Approximately 500 hectares are sown with winter cereals and forage crops.

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