



# Community **NEWS**



# 2019

## CONTACT DETAILS

To contact FGM reception phone (03) 5439 9000 between the hours of 6:30am to 6:30pm.

This number is also the 24 hour call number. After hours and on weekends all calls are transferred through to the processing plant office, which is manned 24 hours, 365 days per year.

If you wish to receive this newsletter via email or would like to be removed from the distribution list please email [fgm.community@klgold.com.au](mailto:fgm.community@klgold.com.au)

[www.klgold.com.au](http://www.klgold.com.au)

## WELCOME

Welcome to the first edition of the Fosterville Gold Newsletter for 2019.

It certainly has been a busy start to the year. The Mine Water Treatment Plant has just commenced the commissioning phase and sections of the project are expected to be operational by the end of March.

This will be a major milestone for FGM as we work towards increased sustainability across all aspects of our operation. We also held our first Environmental Review Committee Meeting, which included discussions around ERC Community representatives and their appointment term, which expired late last year.

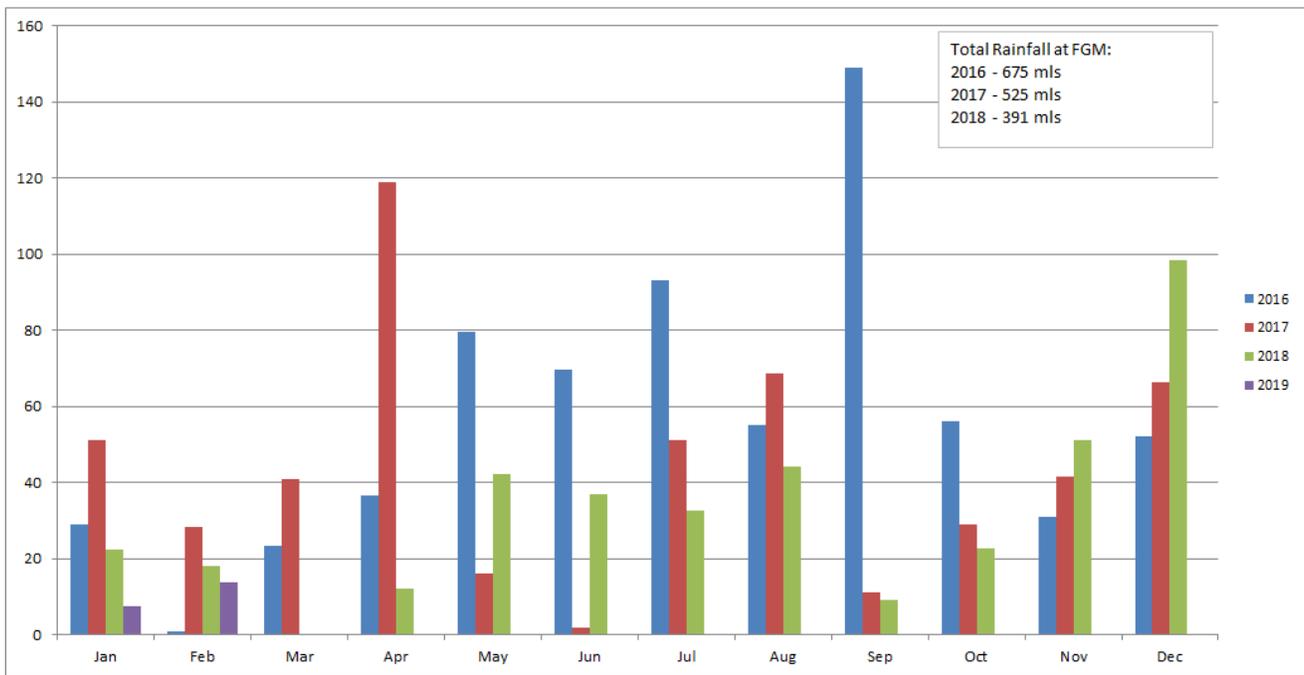
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## WELCOME - CONTINUED

FGM is currently taking expressions of interest from Community members who would like to be a part of this committee with details on how to apply included later in this newsletter. Important information can also be found regarding our submission for a Mining Licence Variation. Community members will be consulted and kept informed about this application as it progresses over the coming months.

Production Update: Gold production onsite has continued to steadily increase with newly announced guidance for 2019 of 550 – 610Koz. Looking back on 2018 it certainly was a dry year with the start of 2019 continuing a similar trend. The FGM rain gauge collected a total of 391mls of rain in 2018, well under 2017 totals and the long term average of 550ml. We do hope autumn provides the well needed rain we are looking for.

**ION HANN** - General Manager



## ENVIRONMENTAL INITIATIVES CABLE REEL REUSE

Fosterville Gold Mine is always looking for ways to reduce waste across site. A recent initiative instigated by Paul Atkins our mine maintenance foreman is the recycling of cable reels. Cable reels are usually plastic or wooden reels used for transporting cable and pipes. Rather than sending these reels to landfill they are now collected by a company who then distributes them to be reused.



## INNOVATION AT FGM - THE SAFETY SPEAR

Safety concerns and potential hazards of mining deep underground are always at the forefront of everything we do here at Fosterville Gold Mine.

In recent times, Fosterville Gold Mine has taken a unique approach to problem solving when it comes to finding solutions to hazards and inefficiencies at its own Mine site. FGM recognises that many of the answers can be found within our own workforce.



From left to right: Phil Dennis (Mine Foreman), Gwen Aitken (Safety & Training), Leigh Sutton (Driller & Inventor), Luke Krois (Mine Operations Superintendent).

By allowing our employees the latitude to develop ideas and by making the Mine available for testing innovations, there have been a number of new ideas developed that have gone into production with patent pending status.

Having a 'Big Picture' attitude to permit employees to pursue Patents over their innovations, while actively helping with underground testing of these devices, has fast tracked the development of solutions to the Mine's own difficulties. This win win situation is both beautifully simple and efficient. Leigh Sutton, one of the Mine's Drillers, is one such case in point.

His invention, The SafetySpear, was recently shortlisted by WorkSafe Victoria for Invention of the Year. Leigh identified a solution to a hazard Fosterville had and wanted to create an effective solution.

The SafetySpear is a high impact plugging system used to make these areas of the Mine safe, that are usually too dangerous to allow personnel to work because of abandoned drill rods left hanging above the area.

These drill rods can work free and fall uncontrollably creating a major hazard for personnel or equipment working underneath. The fast and easy-to-use system can be installed using one of the Mine's drilling machines within a few minutes, without delay or exposure to danger to any of the workers. Extensive above and below ground tests have been carried out which prove the worth of the SafetySpear in eliminating the hazard.

Other inventions by Fosterville employees include an ingenious range of electrical safety devices by John Keane, and a remarkable self-drilling ground support bolt from Dale Capell.

Fosterville Gold Mine has shown that resource management doesn't stop at extracting minerals. With careful management it is harnessing the most renewable resource on the planet, human ingenuity.



Leigh Sutton at the modern mining innovation showcase at Parliament House, Canberra 2019.

## ENVIRONMENTAL INITIATIVES - TYRE CLEAN UP

Our environmental officer, Rachel Spencer recently completed an extensive clean up of farmland that had been purchased by Fosterville Gold Mine in recent years.

The property had large numbers of buried tyres, as well as other general waste dumped throughout the property. The project required removal of over 400 tyres for cleaning and recycling as well as a skip load of scrap metal which was also able to be recycled. General plastic and other assorted waste was also removed which left the paddocks in a much tidier state.



### BLAST NOTIFICATION SYSTEM

Blasting is an essential part of the gold mining process and is used in both open pit and underground operations.

As FGM's underground mine advances, nearby residents may feel ground vibration from some firings. FGM undertakes production firings within designated firing periods (6:30am-7am and 6:30pm-7pm), however independent development firings may also be conducted at other times. FGM monitors ground vibration from its operations using a network of blast monitors (geophones) installed on the surface at designated locations. The monitors measure peak particle velocity (PPV) in mm/s and provide data which is used to ensure FGM maintain compliance with the vibration limits detailed in FGM's Mining Licence.

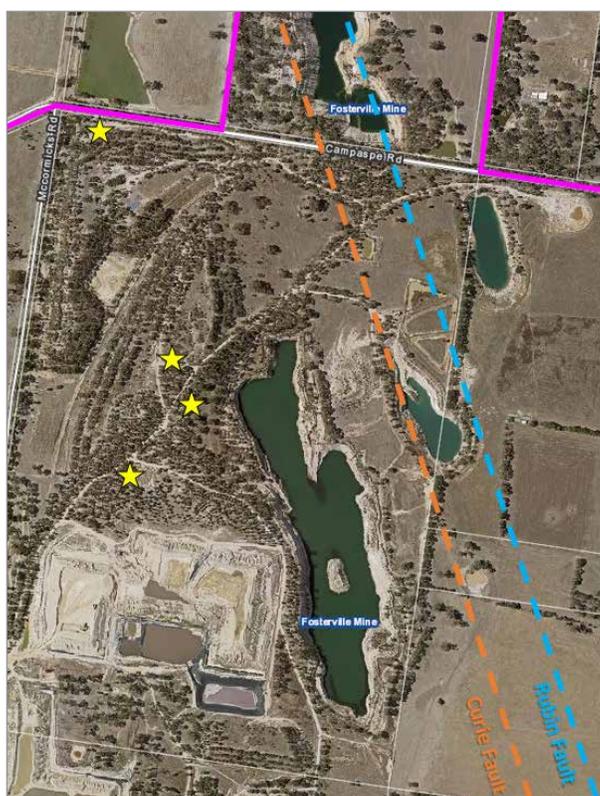
As part of our commitment to keeping the community informed and process of continuous improvement to minimise adverse impacts to the surrounding environment, FGM is rolling out a Blast Notification System for interested community members. The system will provide residents with notification 24 hours in advance of planned production firings. Notifications will be provided initially via email. Any residents interested in registering to receive FGM's blast notifications are encouraged to contact the Community Team via email ([fgm.community@klgold.com.au](mailto:fgm.community@klgold.com.au)) or phone (03 5439 9000).

## EXPLORATION UPDATE - ROBBIN'S HILL

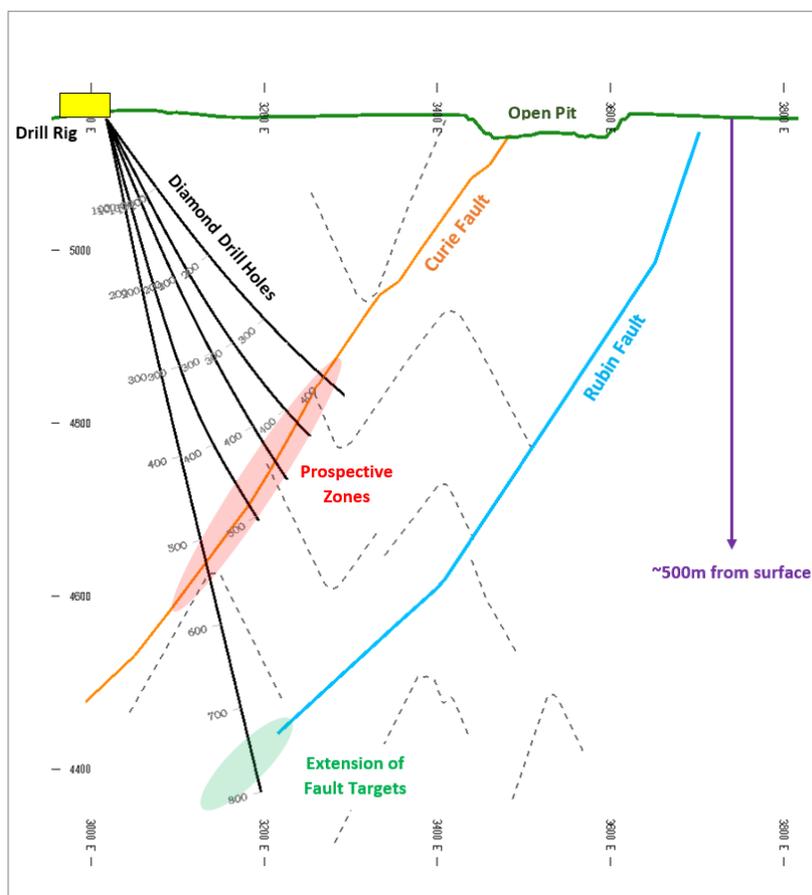
Throughout 2018 a total of approximately 11,200 metres of diamond drilling was undertaken at the Robbin's Hill Area within the Mine Lease MIN5404.

All diamond drilling was undertaken from surface locations, with drill rigs enclosed within noise attenuated sheds to minimise noise emissions. This generally allowed drilling operations to continue 24hrs per day. The drilling targeted the projection of known mineralised structures at depth, up to approximately 800m below the existing Robbins Hill pit. Results returned have been encouraging and demonstrate the continuity of gold mineralisation along fault structures at depth. Some drill cores obtained from this drilling campaign have contained occurrences of visible gold and overall there appears to be increasing concentrations of gold mineralisation at depth.

Currently there are four surface rigs in operation within the mine lease on the Robbin's Hill program following up on drill results obtained in 2018. The drilling is targeting defined areas of mineralisation to obtain a better understanding of gold mineralisation continuity and areas beyond the extent of known mineralisation that are yet to be explored. A total of approximately 47,000m of diamond drilling is planned to be drilled in the Robbin's Hill area over 2019, which will obtain important geological information to direct future exploration activities.



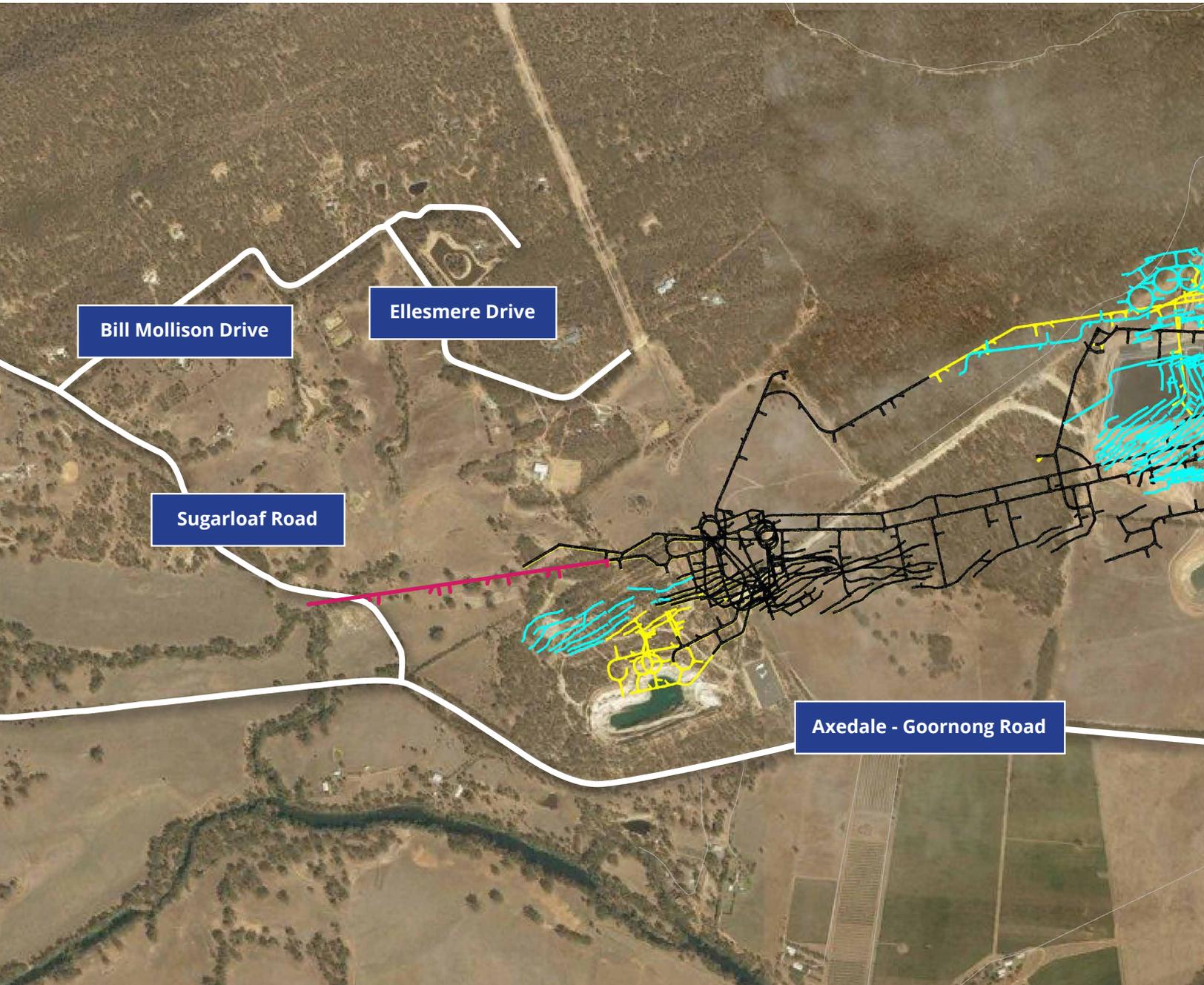
★ Current Drill Rig Locations



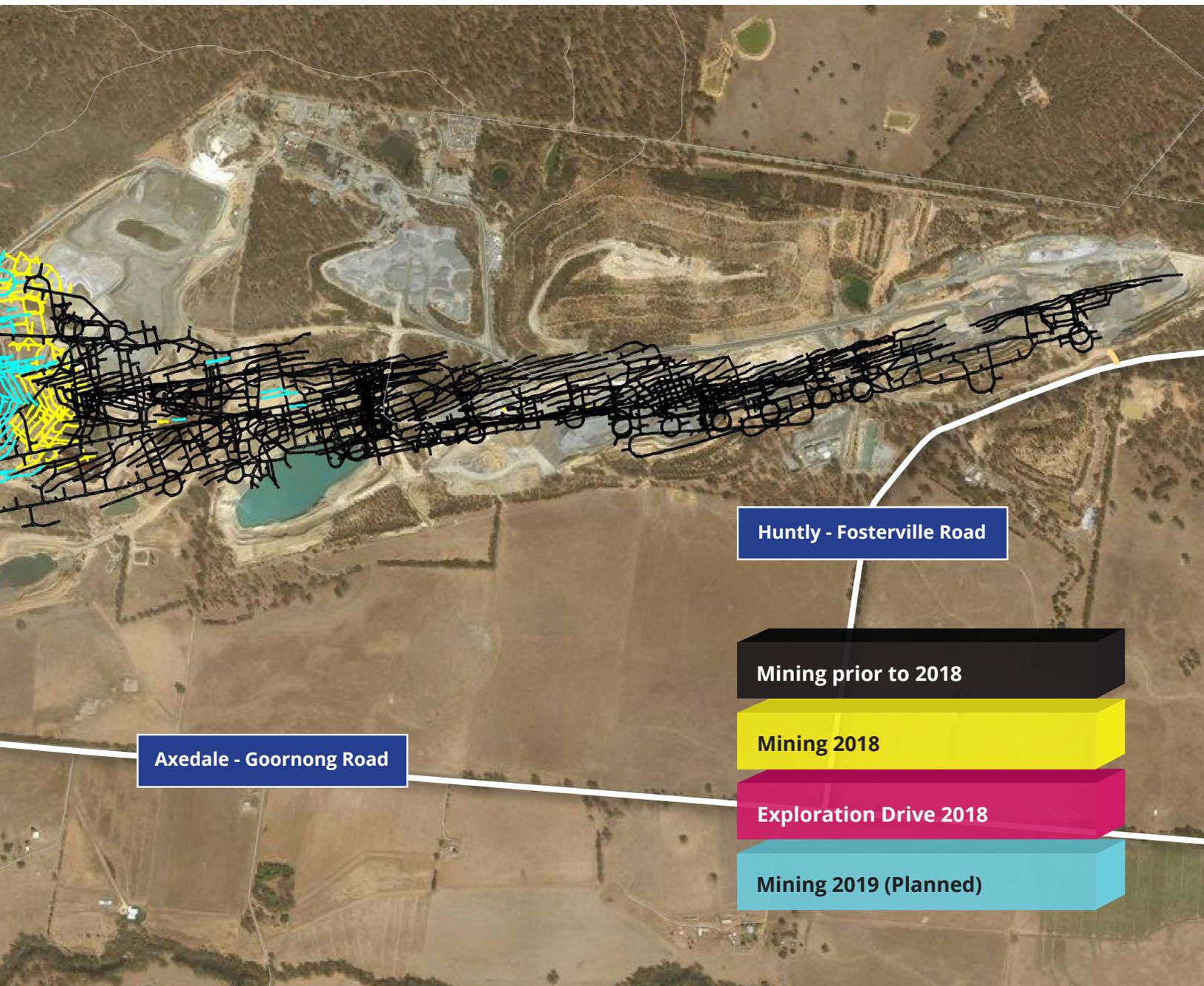
## FOSTERVILLE GOLD MINE - UNDERGROUND WORKINGS

The map below is a surface projection of the current and proposed underground workings. At its deepest point the mine is now 1.2 km vertically below surface with the two main production areas of Harrier and Phoenix at depths of 700m and 1.1km respectively.

In 2018 Fosterville Gold Mine developed an exploration tunnel extending to the south of the operation (shown in pink below). This tunnel will be used as an underground diamond drill platform for continued exploration drilling into 2019 and beyond.



Since the commencement of Underground Mining in 2006 Fosterville Gold Mine has developed over 100km of underground tunnels.



# FOSTERVILLE GOLD MINE MINING LICENCE EXTENSION NOTIFICATION TO LANDHOLDERS

This notification is to inform landholders of an application to extend Fosterville Gold Mine's Mining Licence MIN5404.

In recent times, Fosterville Gold Mine (FGM) has experienced record production and continued growth, with a prosperous outlook for the future. Predictive modelling indicates that mineralised zones within the mine lease exhibit significant resource and reserve growth potential, with multiple zones of high grade economic mineralisation open ended and untested at depth. The extension of MIN5404 to the south and north will allow access to extensions of known mineralisation that have the potential to yield significant mineral reserves.

## MIN5404

An application for the proposed Mining Licence (MIN) Extension to MIN5404 was submitted to the Department of Jobs, Precincts and Regions (DJPR) in October 2018. The application was submitted by Fosterville Gold Mine Pty Ltd, wholly owned by Kirkland Lake Gold Ltd (KL Gold) and is for a licence term equal to that of the current MIN5404. The application comprises a total extension area of 11.3 km<sup>2</sup> and will extend the current MIN5404 total area from 17.2 km<sup>2</sup> to 28.5km<sup>2</sup>. MIN5404 has recently been renewed and will expire on 24th August 2035.

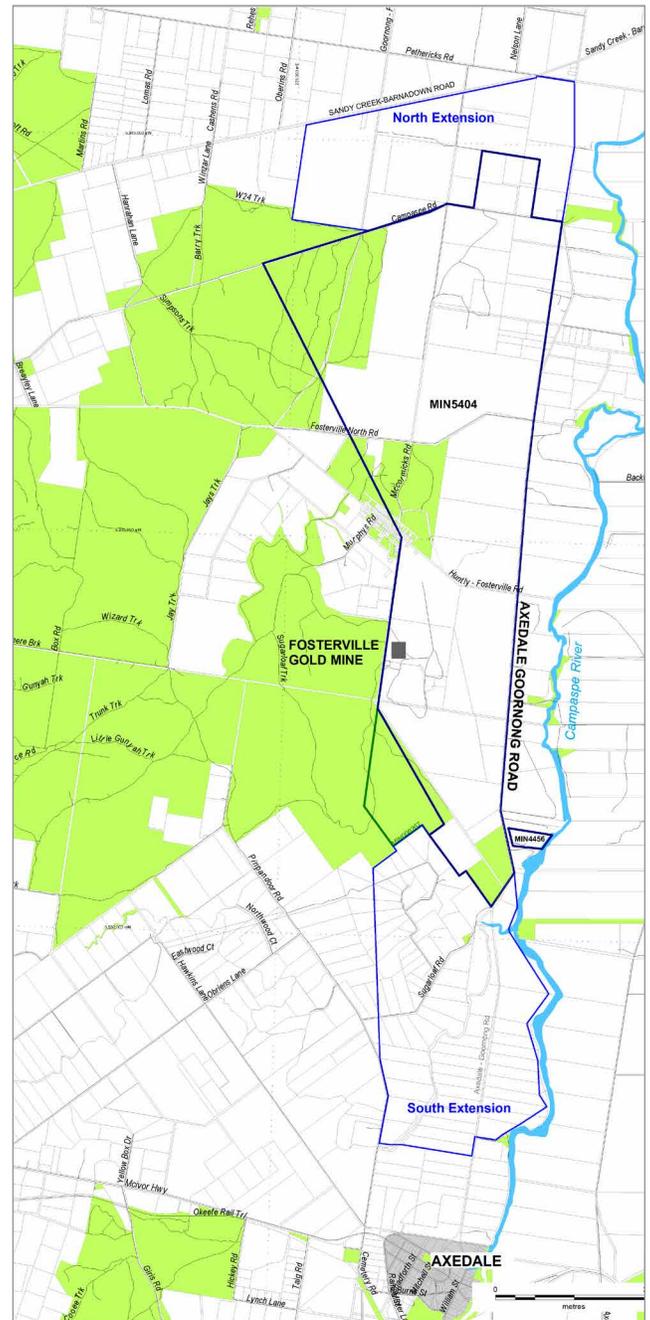
The proposed variation area includes private land and Company owned land (Figure 1). The private land is zoned rural living zone, rural conservation zone and farming zone, all entirely within the Greater City of Bendigo Shire, Central Victoria.

## Work Program Details

The extension to the mining licence area MIN5404 is required for the following proposed works:

- Supporting development (drill platforms)
- Development and infrastructure

The infrastructure developed will be utilised as an underground drilling platform with the intention to prove up Mineral Resources extending from the current MIN5404 into the newly proposed areas. Subsequent to successful definition of resources, development of workings to access and mine the resource will be required. The underground mining will be undertaken using standard hard rock mining techniques with all material being extracted and delivered to the surface via current mine portals.



FOSTERVILLE GOLD MINE

## COMMUNITY GRANTS PROGRAM - 2019

# Applications are **NOW OPEN** for the current round of **Community Grants** offered by **Fosterville Gold Mine**

The program aims at assisting community groups to undertake a wide range of projects and activities that contribute to community development. Projects should provide specific sustainable outcomes that have a long lasting benefit/s to the wider community.

The Fosterville Gold Mine is an active and supportive member of the community in which it operates.

**Guidelines and application forms can be obtained from**  
**[www.fgmcommunity.com.au](http://www.fgmcommunity.com.au)**

or by contacting us on T: 03 5439 9000

E: [FGMCommunityGrants@klgold.com.au](mailto:FGMCommunityGrants@klgold.com.au)

**Submissions for this round of funding close**  
**MONDAY 25th March 2019 - 5pm**



## COMMUNITY MEETINGS

# Current Operations & Future Planning

Fosterville Gold Mine (FGM) will be holding Community Meetings on:

**Thursday 28th March 2019 in AXEDALE**  
**Wednesday 3rd April in GOORNONG**

The meetings will include presentations from Fosterville Gold around a mining licence variation and operation/exploration updates.

An opportunity for open discussions and question time will be provided during the meetings and light refreshments will be available.

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**Time:**

5.30pm to 7.00pm

**Contact to attend:**

If you would like to attend or would like more information please contact Trudi Jackson.

**Location:**

Axedale Public Hall  
94 High Street (McIvor Highway) Axedale

Goornong Memorial Hall  
32 Railway Place South, Goornong

Phone (03) 5439 9000  
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Website [fgmcommunity.com.au](http://fgmcommunity.com.au)

McCormicks Road, Fosterville  
Victoria, Australia 3557

## ENVIRONMENT REVIEW COMMITTEE EXPRESSIONS OF INTEREST



## FOSTERVILLE GOLD MINE

**Fosterville Gold Mine invites community members interested in the environmental performance and operation of the mine to apply to join the Environment Review Committee.**

The ERC involves a group of stakeholders, consisting of site representatives, regulators and community representatives, who meet on a quarterly basis to review the environmental performance and operational updates relating to Fosterville Gold Mine.

Participation in the ERC is voluntary and meetings are chaired onsite by an independent chairperson.

**For more information or to request an ERC application form please contact the FGM community team.**

**Ph: 03 5439 9000 or**

**Email: [FGM.Community@klgold.com.au](mailto:FGM.Community@klgold.com.au)**

**Applications close 12th April 2019**



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