

Public Submission Cover Sheet

Mining Proposal and/or Management Plan

BIRD-IN-HAND GOLD PROJECT

USE THIS FORM AS: A cover sheet to accompany a written submission

Terramin Australia Ltd and Terramin Exploration Pty Ltd (together known as 'Terramin') is proposing development of an underground gold mine near Woodside and the processing of ore at existing facilities located at the Angas Zinc Mine in Strathalbyn.

On 21 June 2019, Terramin submitted applications for a mining lease and a miscellaneous purposes licence. The submission of applications for the Bird in Hand Gold Project by Terramin has initiated a comprehensive technical assessment of those applications by the South Australian Government under the *Mining Act 1971* which includes a period of statutory public consultation.

Written submissions are invited from members of the public on these applications.

Making a Submission

We value the community's input, information provided in submissions is vital to the assessment processes.

Please follow the steps below to make an effective submission.

1. **Review Terramin's application for an ML and/or MPL**, available at http://energymining.sa.gov.au/bird_in_hand_gold_project_consultation

2. **Decide whether or not to include personal information in your submission**

South Australian Government agencies ensure the protection of personal information by adhering to the South Australian Department of the Premier and Cabinet [Information Privacy Principles Instruction](http://dpc.sa.gov.au/sites/default/files/pubimages/Circulars/PC012_Privacy_0.pdf) (http://dpc.sa.gov.au/sites/default/files/pubimages/Circulars/PC012_Privacy_0.pdf).

When you make a written submission, that submission becomes a public record. Your written submission will be provided to the applicant and will be published on the DEM website. This includes:

- the content of your submission and any attachments - including any personal information about you which you have chosen to include in those documents.

If you wish for your personal information to be withheld, **you must**:

- request that your name and contact details be withheld from publishing by ticking the relevant box in the form below; and
- **not include** personal or identifying information in your submission or attachments.

We will not accept offensive, threatening, defamatory or other inappropriate material.

3. Make a submission

To make a written submission, please use this **cover sheet** to accompany your written submission. Your submission can be provided in any written form, including a letter or email.

Alternatively, make an online submission by accessing the DEM website http://energymining.sa.gov.au/bird_in_hand_gold_project_consultation

and following the instructions.

Provide your written submission to government using any of the following methods:

By mail to:

Mining Regulation
Attn: Business Support Officer
GPO Box 320
ADELAIDE SA 5001

By email to:

DEM.MiningReqRehab@sa.gov.au

On line submission:

[Make a submission online](#)

Public submission

Section A: Contact details

Please complete the following information. Your contact details will be used by the South Australian government to acknowledge your submission. Those marked with an asterisk '*' are mandatory. **Anonymous submissions will not be accepted.**

Title	[Mr]		
*Name	[]	*Surname	[]
Organisation	[]		
*Street / PO Box	[]		
*Town / Suburb	[]	[SA]	[]
*Email address (mandatory for electronic submissions)	[]	Telephone	[]
Submission date	[19 Sept 2019]		

Section B: Privacy

Please select **one** of the following options:

OR

*X I understand that my submission will be published on the DEM website and provided to the applicant, **but** I require that the government **withholds my name and contact details**. I understand that it is **my responsibility** to ensure personal information is not included in the body of my submission, any footers or headers or any attachments.*

18 September 2019

Submission re Bird in Hand Goldmine Proposal

The proposed reopening of the Bird in Hand Goldmine (BIHGM) on Pfeiffer Road, Woodside has significant economic, social, community and environmental impacts to the Adelaide Hills and indeed South Australia more generally.

The BIHGM proposal makes various claims in relation to jobs and local community benefits. Employment claims range from 100 to 600 jobs over 5 years and also claims minimal disruption to the surrounding community and businesses.

BIHGM cannot guarantee not to disrupt local communities and businesses. Clearly by their own admission there will be disruption to traffic on roads and intersections that are ill equipped to handle additional significant heavy traffic. In particular it can give no real guarantees in respect to future water supplies /integrity of the underground water capacity or quality of water drawn by farmers and businesses which rely entirely on access to quality water supply. Ground water supplies in the Adelaide Hills are well known for their fragility as generations of farmers will attest. Modelling referred to in the proposal is just that, "Modelling" without any guarantees this will safeguard the aquifers.

To risk the supply of such water for ongoing generations for the sake of a short-term mining business which would benefit just a small number of employees and mine owners would be a travesty of justice and economic and social vandalism.

To jeopardise the other businesses who employ thousands of people and support local families and communities is nothing short of sabotage.

The recent public forum, held in the Woodside Institute, showed an overwhelming rejection of the proposed mine with all speakers (apart from the mine CEO) demonstrating clear reasons not to allow the project to proceed.

As stated in numerous materials there is no guarantee that the water supply will not be disrupted, contaminated or degraded. Furthermore, it is acknowledged that the proposed technology is untested in this situation and modelling can give no guarantee as to the future integrity of the fragile aquifer system. It is also widely acknowledged that there is scant real understanding of the aquifer system and the possible effects of such a major mine operation.

The value of food, wine, agriculture and tourism to the local region outweighs by many multiples the stated value of the mine proposal. The strong growth of food wine tourism will also far outstrip the claimed economic returns of the mine.

Tourism, particularly in prime food and wine regions such as the Adelaide Hills, is one of the fastest growing industries, not just for the local regions but for the State more generally. When combined with food and wine industries it is the largest employer and economic contributor to the region. Food wine tourism is highly sensitive and can be easily damaged by industries that are seen to be at odds with the clean green nature of premium food and wine. There are many examples around the world where governments have gone to great lengths to preserve and protect such food and wine

regions at all costs. This is one such region that State and Federal governments alike must protect and nurture. Failure to do so will have lasting economic and social impacts as well as likely impact the political landscape.

Furthermore, in the unique underground water dependent eco systems that we have in the Adelaide Hills, maintaining base flows in watercourses is acknowledged by the Department of EWR Natural Resources Department, as critical to the needs of a healthy water dependent eco system. The department acknowledges that there is limited information on the presence, distribution and water requirements of underground water dependent ecosystems and therefore not possible to assess their dependence on underground water and their environmental water requirements. Therefore, any disruption/damage to underground aquifers must put these eco systems at unacceptable risk.

The Mt Lofty Ranges Water Allocation Plan is supposed to protect the resource for all water users, now and into the future. This mine has the potential to cause serious and perhaps permanent damage to an already fragile system which in turn could do major economic damage to the State, far in excess of any economic returns from the mine.

Clearly there is significant and unacceptable risk of major disruption to water supplies which could devastate hundreds or potentially thousands of local farms, businesses and families.

In an economic sense the proposed mine, if restarted, will give limited economic benefit through limited employment for a short period but risks substantial and probably irreversible damage to the reputation of the Adelaide Hills food, wine and tourism industries

Interference with the viability of such people and businesses could result in catastrophic loss of income with resultant loss of jobs and income to the State.

The mine proposal document makes reference to the fact that anyone adversely affected by the mine can take legal proceedings against the company. The reality is of course that small businesses and farmers cannot possibly do this due to the immense cost of such litigation as well as the length of time and personal trauma involved. In effect there is virtually nothing an affected small business or farming family could do to seek compensation.

On a personal note, our family has a small property only a few kilometres from the proposed goldmine and is wholly reliant on bore water. We are just one of thousands of small landowners whose agricultural business, as well as personal life will be devastated financially should our water supply be affected, not to mention the future value of the land, massive loss of local jobs and significant decline in associated business activity including tourism and high value food manufacturing.