

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.MiningRegRehab@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	[Steve]	*Surname	[Green]
Organisation	[JBS&G Australia Pty Ltd]		
*Street / PO Box	[100 Hutt Street]		
*Town / Suburb	[Adelaide]	[SA]	[5000]
		*State	*Postcode
*Email address (mandatory for electronic submissions)	[sgreen@jbsg.com.au]	Telephone	[8431 7113]
Submission date	[20/09/2019]		

Section B: Privacy

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

I understand that my submission, **including my personal contact details**, will be published on the DEM website and provided to the applicant.

OR

~~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.~~

Our Ref: 124614

20 September 2019

Mining Regulation
Attn: Business Support Officer
Department for Energy and Mining
GPO Box 320 ADELAIDE SA 5001

Via email: DEM.MiningRegRehab@sa.gov.au

Submission on the Bird in Hand Gold Project

We write in response to the call for public submissions regarding Terramin's Bird in Hand Gold Project (BIHGP).

JBS&G is a long-established environmental and approvals consultancy with offices in Adelaide, Perth, Melbourne, Sydney and Brisbane. We have extensive experience working with mining companies in South Australia and nationally to obtain environmental approvals, liaise with regulators and stakeholders and provide an understanding of relevant legislation. Accordingly, we believe we are qualified to offer comment on Terramin's proposal to develop the BIHGP in the Woodside area.

Mining projects can provide the communities in which they are located substantial economic, social, environmental and infrastructure benefits.

We understand and appreciate that all large developments have the potential to cause community members concern, particularly around the issues of land use and perceptions of environmental and social damage if they are not managed appropriately. This is not unique to mining projects. For this reason, our submission includes matters that Terramin could consider addressing during the detailed design and planning stage of the BIHGP.

1. Economic, Social and Infrastructure

The BIHGP has the potential to enhance and diversify the regional and State economy, giving South Australia a critical boost. This is especially significant given the current level of unemployment in South Australia (6.9% as at July 2019) (ABS, 2019)¹.

Should the BIHGP proceed, direct and flow-on employment in the local area will be increased and diversified, supporting industries that can continue to be regionally based. This is especially significant for school leavers and provides the opportunity for those who have left the area in search of employment to return.

We expect that Terramin will continue to be a valued employer and contributor to the Adelaide Hills community through grants and sporting and educational sponsorships. We understand that Terramin actively implements policies to use local suppliers and contractors and these have a positive flow-on impact into local business. This has been demonstrated through the operation of the Angas Zinc Mine, as well as through the exploration and development phase of the BIHGP.

It is estimated that approximately 600 jobs will be created both directly and indirectly over the life of the BIHGP with more than \$30 million to be injected annually into the local economy and more than \$280 million into the South Australian economy.

¹ ABS, 2019. Labour Force Figures, 15 August 2019.

Another positive benefit of the BIHGP is Terramin's commitment to making the mine's emergency response team available to assist with bushfires and other local emergency situations.

2. Environmental

The BIHGP design includes revegetation initiatives. The Adelaide Hills region has been significantly cleared of vegetation for agricultural activities over the past 150 years which has resulted in a large decline of native bird populations and an increase in wildlife and vegetation being included on State and Commonwealth threatened species lists. It is anticipated that the ten hectares of local and endemic revegetation Terramin has either planted or plans to plant will make a positive difference in boosting local endangered fauna populations, including a direct positive impact on SA-listed species.

As a community initiative and benefit, Terramin could consider providing water for neighbouring businesses and recreational facilities. As the water will be pumped to surface as part of the mining operations before being reinjected back into the aquifer, there may be an opportunity to provide water to reduce the pumping and electrical costs associated with the running of local businesses.

Terramin could also consider using solar energy wherever possible in order to reduce greenhouse gas contributions at the BIHGP.

Finally, as mining operations are typically intensively scrutinised by the EPA and other government agencies, this may result in a general improvement of environmental outcomes and practices within the surrounding community.

3. Community and Stakeholders

We recommend that Terramin continues to maintain effective community and stakeholder engagement activities during all stages of the mine life. This will minimise potential stress on local community members, businesses, neighbouring landholders and other stakeholders and contribute to the understanding of the potential impacts of the BIHGP and the effective implementation of corresponding mitigation measures.

JBS&G believe that the BIHGP has the opportunity to provide significant social, economic and environmental contributions to the fabric of South Australia and its development should be supported.

Yours sincerely:



Steve F Green
Executive Director – Assessment and Approvals
JBS&G Australia Pty Ltd



Ross Powell
Operations Manager, SA
JBS&G Australia Pty Ltd