

Die Hardy Project

Proposal Content Document

Table 1: Die Hardy Project - general proposal content description

Proposal title	Die Hardy Project
Proponent name	Marda Operations Pty Ltd
Short description	<p>A small open pit gold mine and accompanying waste rock landform approximately 140 km north of Southern Cross. Following mining by conventional open cut methods, ore will be transported off site via a short haul road and thereafter via an upgraded public road, the Bullfinch-Evanston Road. Ore to be processed at an existing approved facility elsewhere - processing does not form part of this proposal. Project life (mining phase) to be approximately 18 months with a rehabilitation and closure phase to follow.</p> <p>Water to be sourced from a water bore located on L77/351.</p>

Table 2: Proposal content elements

Proposal element	Location / description	Maximum extent, capacity or range
Physical elements		
<p>The proposal is to operate a small gold mine. Mine elements include:</p> <ul style="list-style-type: none">• Mine void (open pit);• Waste rock landform;• Mine ore pad;• Topsoil and low grade stockpiles;• Supporting infrastructure, including haul and access roads, laydown areas, water bore, water storage dam and ancillary buildings.	Figure 2	Up to 90 ha disturbance within a 90.04 ha development envelope, including a 33 ha waste rock landform and an 18 ha mine void. Includes 90 ha of native vegetation clearing.
Operational elements		
Groundwater abstraction	Figure 2	95 ML/annum
Pit lake	Figure 2	Shallow pit lake post-closure.
Waste rock landform height	Figure 2	Maximum height of 30 m

Proposal elements with greenhouse gas emissions		
Operation elements:		
Scope 1	13,536 t CO ₂ -e	
Rehabilitation		
At the cessation of operations, an abandonment bund will be placed around the mine void. A shallow pit lake is expected to form in the mine void. The waste rock landform and other disturbed areas will be rehabilitated.		
Other elements which affect extent of effects on the environment		
Proposal time	Maximum project life	Up to 3 years.