



BARTO GOLD MINING PTY LTD | SOUTHERN CROSS OPERATIONS

# PART 7: SUPPORTING DOCUMENTATION

Extension Application CPS 7734/1

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## REVISIONS

Rev. No	Date	Revision Description	Author	Reviewed By
1.0	25/7/22	Final version for issue	EV	TEJ

**ACRONYMS**

Acronym	Definition
<b>CPS</b>	Clearing Permit System
<b>EMP</b>	Environment Management Plan
<b>POW</b>	Programme of Works
<b>SDP</b>	Surface Disturbance Permit
<b>SXO</b>	Southern Cross Operations
<b>TSF3</b>	Tailings Storage Facility 3



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## 1. INTRODUCTION

The Barto Gold Mining Pty Ltd (Barto)'s Southern Cross Operations (SXO) are located in the Yilgarn region with projects spanning from Bullfinch in the North to Yilgarn Star in the South.

This documentation is prepared in support of an amendment application for the extension of the Native Vegetation Clearing Permit CPS 7734/1. The application area for the CPS is shown in Figure 1 and it applies to Barto's Tailings Storage Facility 3 (TSF3) near Marvel Loch.

CPS 7734/1 authorises disturbance of up to 145 ha on tenements G77/2, M77/239, M77/791, M77/977, M77/7, M77/137 and M77/162. Clearing is limited to maximum of 2 ha within the area shaded in red (Figure 1). The permit is valid from 4 November 2017 to 31 November 2022. Barto is planning on undertaking further clearing within the application area to allow for a construction of a process water dam and is now seeking an extension to the duration of the CPS.

This document summarises the clearing undertaken to date under the permit and actions taken to avoid or minimise the impact and extent of clearing, impact to flora and fauna and rehabilitation undertaken over the areas cleared under the permit.



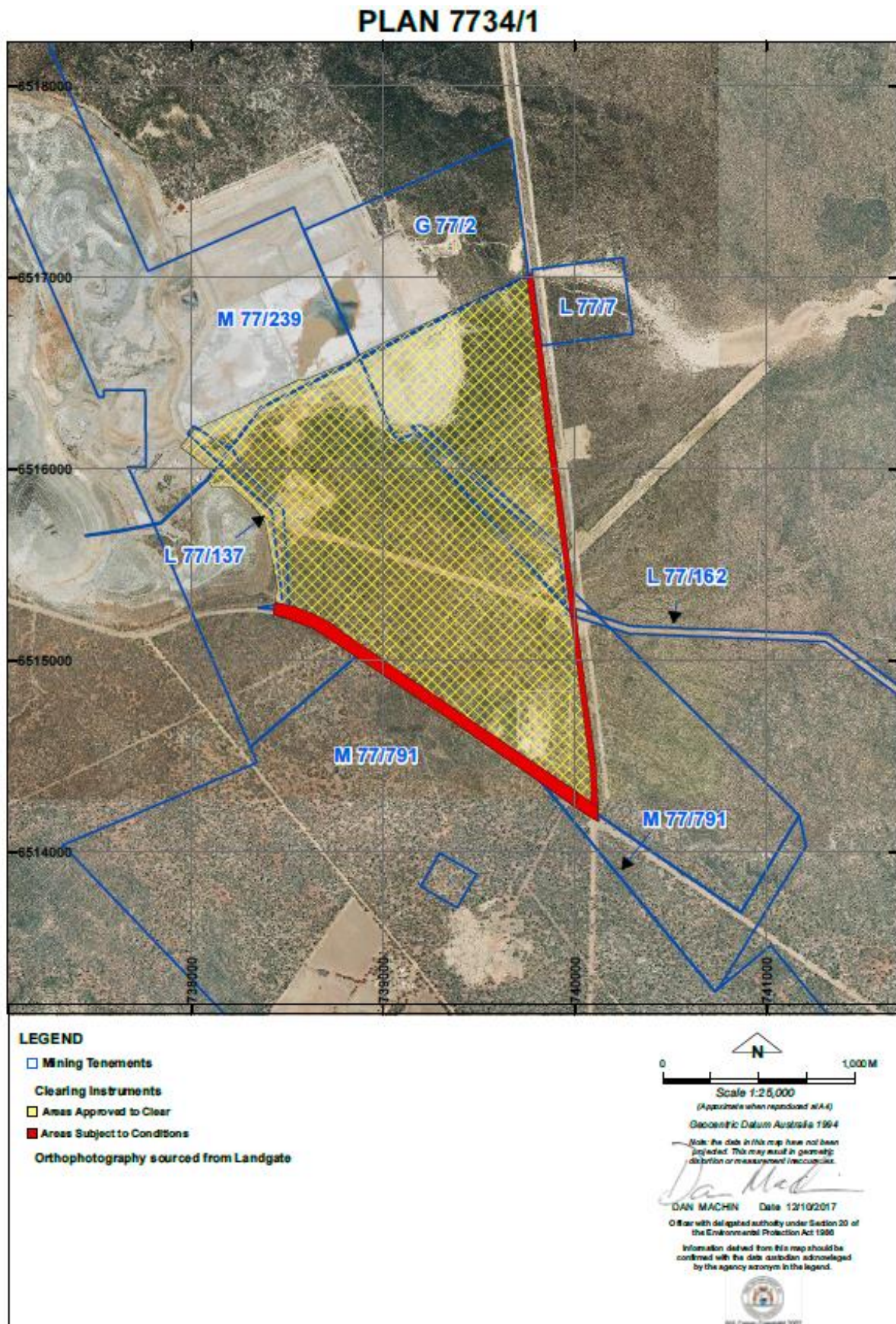


Figure 1: Area Approved to Clear Subject to CPS 7734/1



## 2. AMOUNT OF CLEARING UNDERTAKEN UNDER THE PERMIT

Since commencement of CPS 7734/1 a total of 88.96 ha of clearing has been completed within the approved clearing permit area. This area is depicted in Figure 2 and covers an area required for the construction of the TSF3 in 2019-2021.



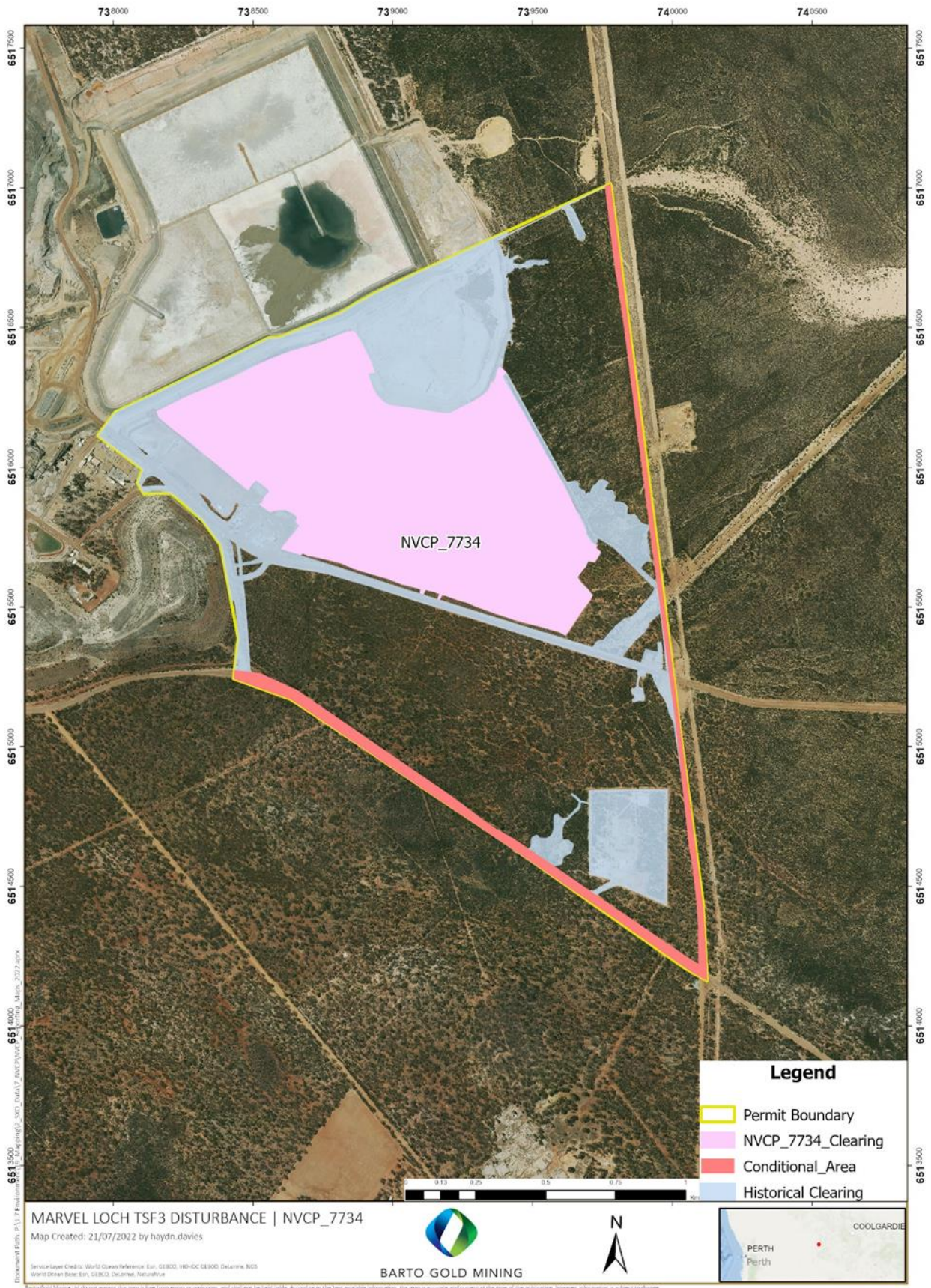


Figure 2: Clearing undertaken under the CPS 7734/1 to date





Table 1 summarises the clearing undertaken over the duration of the permit.

**Table 1: Breakdown of clearing undertaken over a reporting period**

Reporting period	Amount of clearing undertaken (ha)
<b>2017-2018</b>	No clearing undertaken
<b>2018-2019</b>	88.96
<b>2019-2020</b>	No clearing undertaken
<b>2020-2021</b>	No clearing undertaken
<b>2021-2022</b>	No clearing undertaken

This clearing was undertaken for the purposes of the construction of a new TSF, associated infrastructure and access roads.

In total of 56.04 ha can be still cleared under the CPS.



### 3. ACTIONS TAKEN TO AVOID OR MINIMISE THE IMPACT AND EXTENT OF CLEARING

SXO's Mine Site Environment Management Plan (EMP) contains a number of procedures to help avoid unnecessary clearing and minimise the amount of clearing required. All clearing undertaken to date has occurred in line with these procedures. The principles and content of these procedures are summarised below.

#### **EMP Objectives**

- To prevent unapproved clearing of land;
- To minimise adverse impacts from clearing; and
- To comply with conditions and commitments in POWs, clearing permits and mining proposals.

#### **Permits/Approvals**

- Site layout is designed to restrict clearing to a minimum area required;
- Only the minimum area required for safe work is to be disturbed;
- A Surface Disturbance Permit (SDP) is required prior to any ground disturbing activity. A SDP is to be sought from the Environmental Manager or delegate, signed off by the person responsible person for the clearing, Site Supervisor and Registered Manager;
- No ground disturbing work shall commence until all external approvals have been received and a SDP is issued by the Environmental Manager;
- Lay down, parking and other storage areas will be located in SDP areas only. Where practicable, existing cleared areas will be used for laydown areas. Vegetation clearing for these areas will be avoided where possible;
- All clearing boundaries and avoidance sites have been surveyed and flagged in the field; and
- All clearing is supervised by a responsible person.



#### 4. ACTIONS TAKEN IN RELATION TO FLORA AND/OR FAUNA MANAGEMENT

A range of flora and fauna management strategies are outlined in the EMP. These all contribute to reducing the impact of clearing on environmental values. Some of the main management strategies include:

- Vehicles and machinery will only use designated tracks/roads. Off-road traversing is prohibited;
- The SDP guidelines will include risk based assessment of all environmental risks and identify controls to reduce the impacts of ground disturbance;
- When clearing land, vegetation will be removed and stockpiled with topsoil for later return;
- Hollow logs will be retained for fauna habitat;
- Topsoil and subsoil will be stripped prior to earthworks;
- No burning of cleared vegetation is permitted at any time;
- Clearing permit, Programme of Works (POW) and Mining Proposal conditions will be met as well as any management commitments made in approval application documentation. Conditions and commitments will be recorded within the Minjar Obligations Register and regularly audited for compliance; and
- Ongoing maintenance of a spatial database containing up to date ground disturbance and clearing areas.

Condition 8 of the CPS 7734/1 sets additional conditions for the management and protection of Malleefowl (*Leipoa Ocellata*). To comply with the Condition 8, all clearing activities within the application area were conducted outside of the period from 1 September to 31 January for maximum protection of the Malleefowl mounds.





## 5. ACTIONS TAKEN TO REVEGETATE OR REHABILITATE THE AREAS CLEARED UNDER THE PERMIT.

The majority of the clearing undertaken subject to CPS 7734/1 was undertaken for the construction of the TSF3. This facility is currently active and will be progressively rehabilitated and closed when the storage facility reaches its capacity. Rehabilitation of the disturbed area will involve ripping, topsoiling and seeding with native species where applicable. All these actions are covered by the SXO's Mine Closure Plan.