



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	4690/5
Duration of Permit:	From 31 December 2011 to 31 December 2031
Permit Holder:	Hamersley Iron Pty Ltd

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

PART I - CLEARING AUTHORISED

1. Land on which clearing is to be done

Iron Ore (Hamersley Range) Agreement Act 1963, Mining Lease 4SA (AML 70/4)

2. Clearing authorised (purpose)

Clearing for the purposes of mineral and hydrogeological exploration, geotechnical investigations, access tracks and associated activities.

3. Area of Clearing

The Permit Holder must not clear more than 70 hectares of native vegetation within the areas cross-hatched yellow or shaded red in Figure 1, 2 and 3 of Schedule 1.

4. Clearing Restricted

The Permit Holder shall only clear native vegetation within the areas shaded red in Figure 1, 2 and 3 of Schedule 1, for the purpose of access tracks.

5. Period in which clearing is authorised

The Permit Holder shall not clear any native vegetation after 31 December 2026.

PART II - MANAGEMENT CONDITIONS

6. Avoid, minimise and reduce the impacts and extent of clearing

In determining the amount of native vegetation to be cleared under this Permit, the Permit Holder must apply the following principles, set out in descending order of preference:

- (a) avoid the clearing of native vegetation;
- (b) minimise the amount of native vegetation to be cleared; and
- (c) reduce the impact of clearing on any environmental value.

7. Weed control

When undertaking any clearing or other activity authorised under this Permit, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no known *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

8. Vegetation Management

- (a) where practicable the Permit Holder shall avoid clearing *riparian vegetation*; and
- (b) where a *watercourse* is to be impacted by clearing, the Permit Holder shall ensure that the existing surface flow is maintained.

9. Flora Management

Where *priority flora* have been identified and their written locations provided to the *CEO* in the reports "Flora and Vegetation Survey for Proposed Evaluation Drilling at Metawandy" and "Flora, Vegetation and Fauna Habitat Assessment at Metawandy, February 2015", as retained on DMIRS file A2011/201101 DOC ID 1690207 and DOC ID 4144026 respectively, the permit holder shall ensure that:

- (a) No clearing occurs within 10 metres of the following *priority flora* species unless first approved by the *CEO*:
 - (i) *Sida* sp. Hamersley Range;
 - (ii) *Indigofera rivularis* Peter G.Wilson;
 - (iii) *Nicotiana umbratica*;
 - (iv) *Ptilotus mollis*
- (b) No clearing of the *priority flora* species identified under Condition 9(a) occurs unless first approved by the *CEO*

10. Retain vegetative material and topsoil, revegetation and rehabilitation

The Permit Holder shall:

- (a) retain the vegetative material and topsoil removed by clearing authorised under this Permit and stockpile the vegetative material and topsoil in an area that has already been cleared;
- (b) within 12 months following completion of clearing authorised under this Permit, *revegetate* and *rehabilitate* the areas that are no longer required for the purpose for which they were cleared under this Permit by:
 - (i) ripping the ground on the contour to remove soil compaction;
 - (ii) laying the vegetative material and topsoil retained under Condition 10(a) on the cleared area;
 - (iii) re-shaping the surface of the land so that it is consistent with the surrounding 5 metres of uncleared land.
- (c) within 4 years of undertaking *revegetation* and *rehabilitation* in accordance with Condition 10(b) of this Permit:
 - (i) engage an *environmental specialist* to determine the species composition, structure and density of the area *revegetated* and *rehabilitated*; and
 - (ii) where, in the opinion of an *environmental specialist*, the composition structure and density determined under Condition 10(c)(i) of this Permit will not result in a similar species composition, structure and density to that of pre-clearing vegetation types in that area, *revegetate* the area by deliberately *planting* and/or *direct seeding* native vegetation that will result in a similar species composition, structure and density of native vegetation to pre-clearing vegetation types in that area and ensuring only *local provenance* seeds and propagating material are used.

PART III - RECORD KEEPING AND REPORTING

11. Records to be kept

The Permit Holder must maintain records relating to the listed relevant matters in accordance with the specifications detailed in Table 1.

Table 1: Records that must be kept

No.	Relevant matter	Specifications
1.	In relation to the authorised clearing activities generally	(a) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings; (b) the date that the area was cleared; (c) the size of the area cleared (in hectares); (d) actions taken to avoid, minimise, and reduce the impacts and extent of clearing in accordance with Condition 6; (e) actions taken to minimise the risk of the introduction and spread of <i>weeds</i> in accordance with Condition 7; and (f) actions taken in accordance with Condition 8.
2.	In relation to flora management pursuant to Condition 9	(a) actions taken to demarcate each <i>priority flora</i> species recorded and their relevant buffers; and (b) actions taken to avoid the clearing of <i>priority flora</i> species.
3.	In relation to <i>revegetation</i> and <i>rehabilitation</i> pursuant to Condition 10	(a) the location of any areas <i>revegetated</i> and <i>rehabilitated</i> , recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings; (b) description of the <i>revegetation</i> and <i>rehabilitation</i> activities undertaken; and (c) the size of the area <i>revegetated</i> and <i>rehabilitated</i> (in hectares).

12. Reporting

- (a) The Permit Holder shall provide a report to the *CEO* by 30 June each year for the life of this Permit, demonstrating adherence to all conditions of this Permit, and setting out the records required under Condition 11 of this Permit in relation to clearing carried out between 1 January and 31 December of the previous calendar year.
- (b) If no clearing authorised under this Permit was undertaken between 1 January and 31 December of the previous calendar year, a written report confirming that no clearing under this permit has been carried out, must be provided to the *CEO* by 30 June of each year.
- (c) Prior to 31 December 2031, the Permit Holder must provide to the *CEO* a written report of records required under Condition 11 of this Permit where these records have not already been provided under Condition 12(a) or 12(b) of this Permit.

DEFINITIONS

In this Permit, the terms in Table 2 have the meanings defined.

Table 2: Definitions

Term	Definition
CEO	the Chief Executive Officer of the Department responsible for administering the clearing provisions contained within the <i>Environmental Protection Act 1986</i> or an Officer with delegated authority under Section 20 of the <i>Environmental Protection Act 1986</i> ;
clearing	has the meaning given under section 3(1) of the EP Act.
condition/s	a condition to which this clearing permit is subject under section 51H of the EP Act.
department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
EP Act	<i>Environmental Protection Act 1986</i> (WA)
fill	means material used to increase the ground level, or to fill a depression.
mulch	means the use of organic matter, wood chips or rocks to slow the movement of water across the soil surface and to reduce evaporation.
priority flora	<i>priority flora</i> means those plant taxa described as priority flora classes 1, 2, 3, or 4 in the Department of Biodiversity, Conservation and Attractions' Theatened and Priority Flora List for Western Australia (as amended);
regeneration	means <i>revegetation</i> that can be established from in situ seed banks contained either within the topsoil or seed-bearing <i>mulch</i> .
rehabilitate/ed/ion	means actively managing an area containing native vegetation in order to improve the ecological function of that area.
revegetate/ed/ion	means the re-establishment of a cover of <i>local provenance</i> native vegetation in an area using methods such as natural <i>regeneration</i> , <i>direct seeding</i> and/or <i>planting</i> , so that the species composition, structure and density is similar to pre-clearing vegetation types in that area
native vegetation	has the meaning given under section 3(1) and section 51A of the EP Act.
riparian vegetation	has the meaning given to it in Regulation 3 of the Environmental Protection (Clearing of Native Vegetation) Regulation 2004.
watercourse	has the meaning given to it in section 3 of the <i>Rights in Water and Irrigation Act 1914</i> .
weed/s	means any plant – <ol style="list-style-type: none"> (a) that is a declared pest under section 22 of the <i>Biosecurity and Agriculture Management Act 2007</i>; or (b) published in a Department of Biodiversity, Conservation and Attractions species-led ecological impact and invasiveness ranking summary, regardless of ranking; or (c) not indigenous to the area concerned.

END OF CONDITIONS



Karen Caple
Executive Director Resource and Environmental Compliance
Resource and Environmental Compliance Division
14 July 2022

Officer with delegated authority under Section 20
of the *Environmental Protection Act 1986*

SCHEDULE 1

The boundary of the area authorised to be cleared is shown in the map below (Figure 1).

Figure 1: Map of the boundary of the area within which clearing may occur

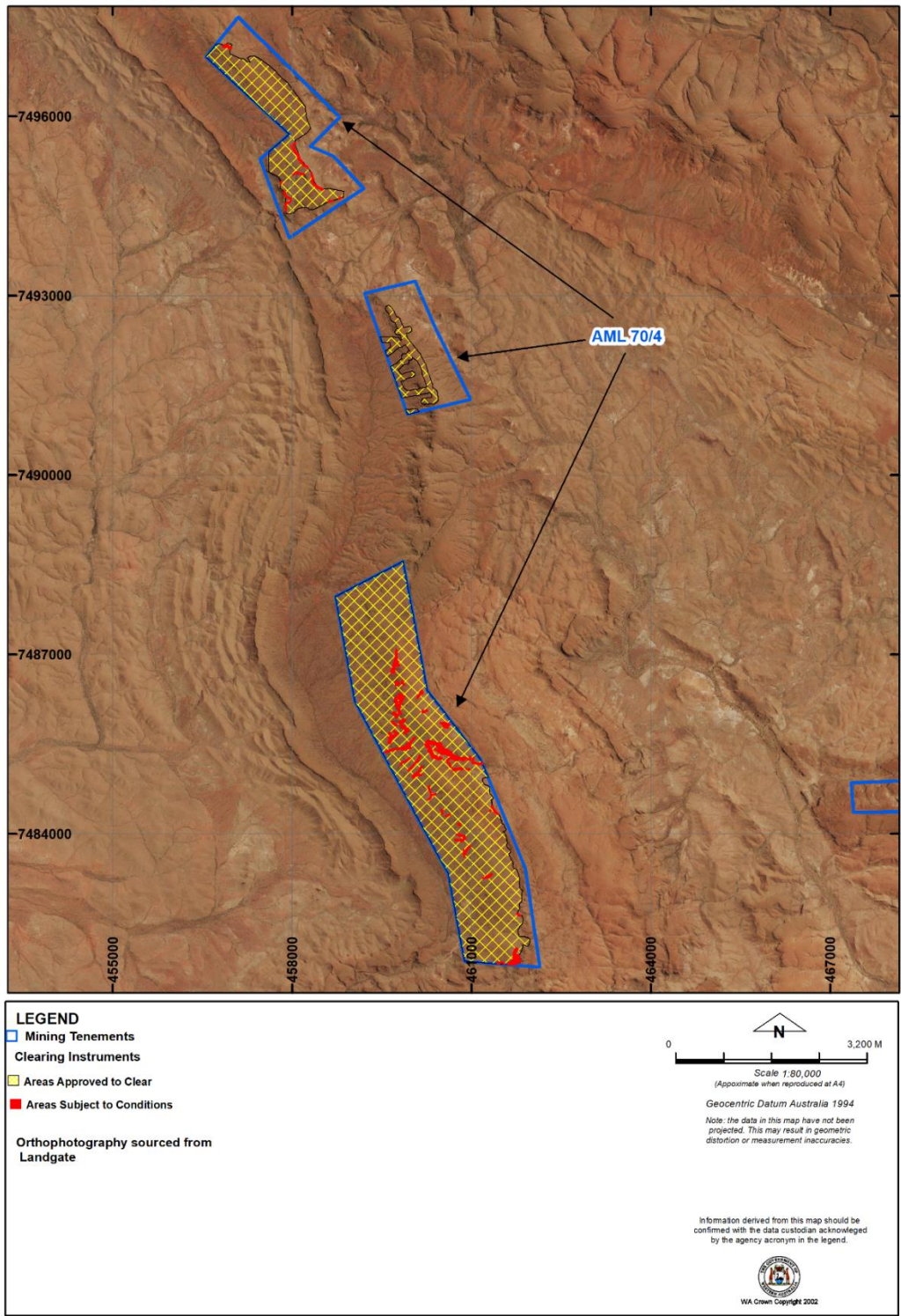


Figure 2: Map of the boundary of the area within which clearing may occur

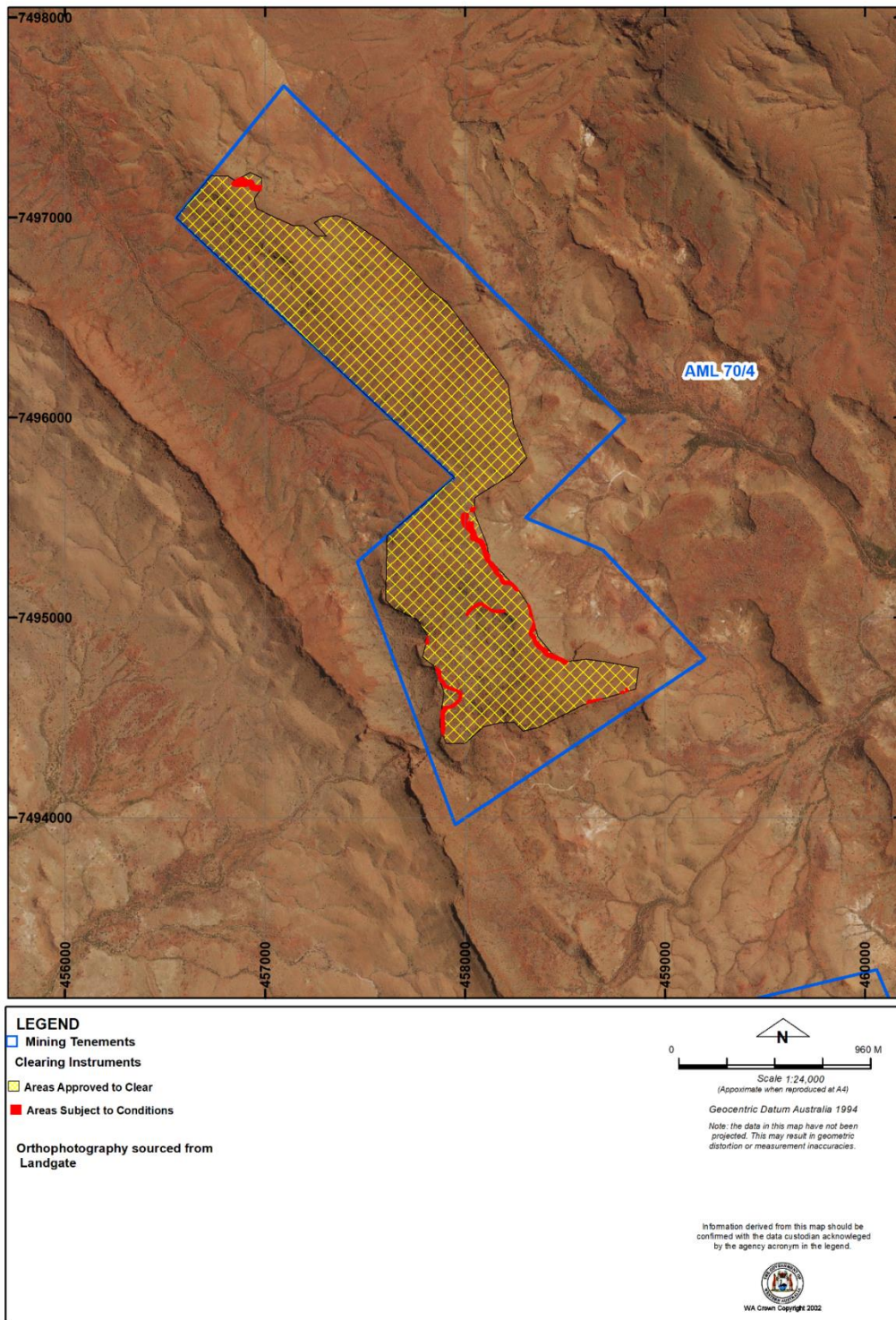
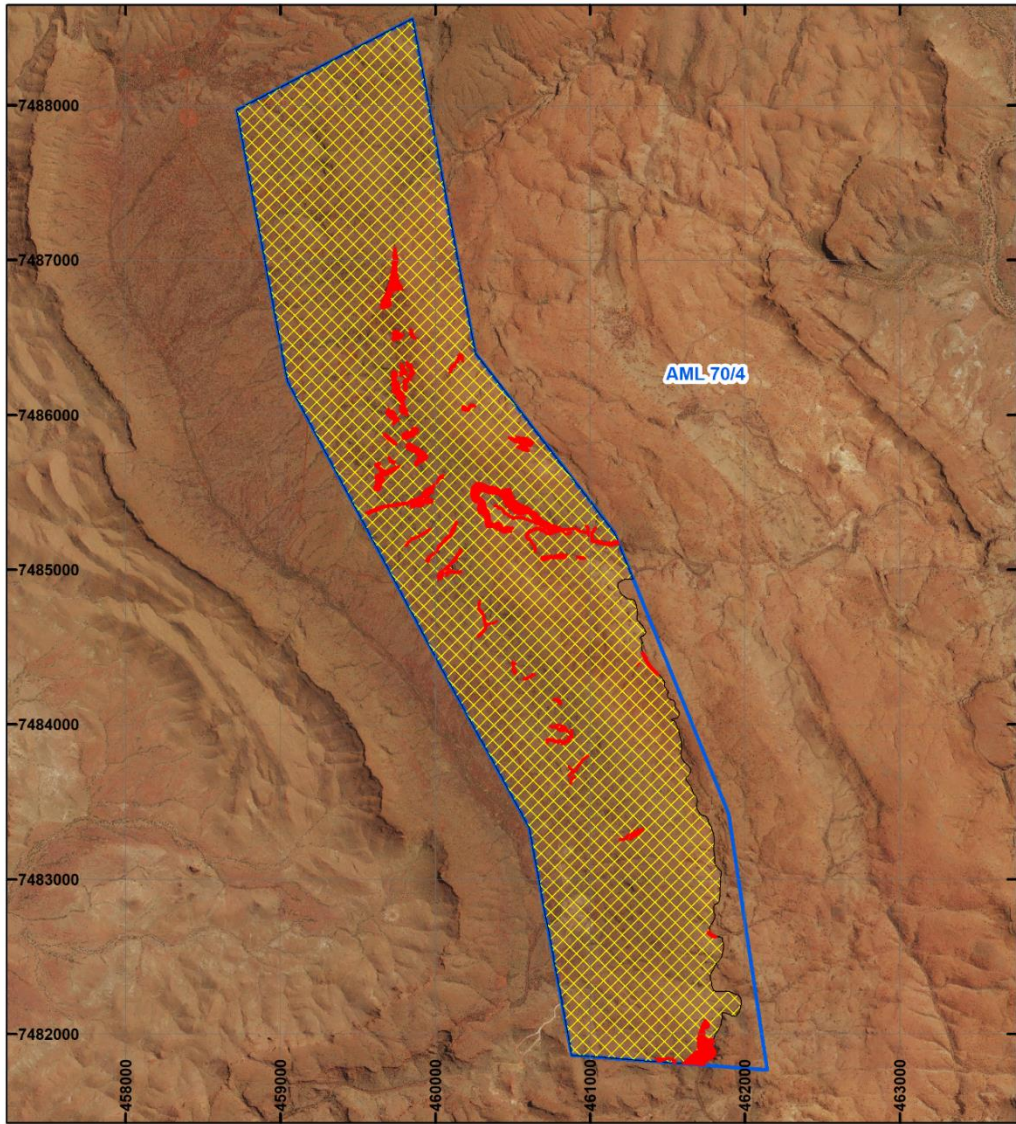



Figure 3: Map of the boundary of the area within which clearing may occur



LEGEND

- Mining Tenements
- Clearing Instruments
- Areas Approved to Clear
- Areas Subject to Conditions

Orthophotography sourced from Landgate




0 1,400 M

Scale 1:35,000
(Appropriate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



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