



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	4615/8
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 (Mount Bruce) Agreement Act 1972, Mineral Lease 252SA (AML 70/252)

Exploration Licence 47/1491

Exploration Licence 47/3486

Exploration Licence 47/3571

Exploration Licence 47/3702

2. Clearing authorised (purpose)

The Permit Holder is authorised to clear native vegetation for the purposes of mineral exploration, hydrogeological drilling, geotechnical investigations, construction camp and associated activities.

3. Area of Clearing

The Permit Holder must not clear more than 750 hectares of native vegetation. All clearing must be within the areas shaded yellow or shaded red in Figures 1 and 2 of Schedule 1.

4. Clearing Restricted

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

5. Period in which clearing is Authorised

The Permit Holder must 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:

- avoid the clearing of native vegetation;
- minimise the amount of native vegetation to be cleared; and
- 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. Clearing not authorised

The Permit Holder shall not clear any native vegetation within 10 metres of *Sauropus* aff. *trachyspermus*, recorded at the following geographical coordinates expressed in Eastings and Northings using Geodetic Datum Australia 1994 (GDA 94) unless first approved by the *CEO*:

- (i) 714042E, 7503293N, Zone 50.

9. Flora management

Where *Synostemon hamersleyensis* and *Eremophila* sp. Hamersley Range (K. Walker KW 136) have been identified and their written locations, provided to the *CEO*, within reports 'Rio Tinto (2015) Desktop Flora, Vegetation and Fauna Habitat Assessment at Koodaideri. Native Vegetation Clearing Permit – Supporting Report. Prepared by Hamersley Iron Pty Ltd, December 2015' and 'Rio Tinto (2016) Flora, Vegetation and Fauna Habitat Assessment at Koodaideri. Native Vegetation Clearing Permit Application Supporting Report. Rio Tinto Iron Ore, Western Australia, August 2016', the Permit Holder shall ensure that:

- (i) No clearing of identified *Synostemon hamersleyensis* and *Eremophila* sp. Hamersley Range (K. Walker KW 136) occurs, unless first approved by the *CEO*; and
- (ii) no clearing occurs within 10 metres of identified *Synostemon hamersleyensis* and *Eremophila* sp. Hamersley Range (K. Walker KW 136), unless first approved by the *CEO*.

10. Vegetation Management

- (a) where practicable the Permit Holder shall avoid *clearing riparian vegetation*; and
- (b) where a *watercourse* or *drainage line* or *wetland* is to be impacted by clearing, the Permit Holder shall ensure that the existing surface flow is maintained, or reinstated downstream into existing natural *drainage lines*.

11. 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 11(a) on the cleared area; and
 - (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 11(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 11(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

12. 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	<ul style="list-style-type: none">(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; and(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 Conditions 8, 9, and 10.
2.	In relation to the <i>revegetation</i> and <i>rehabilitation</i> management pursuant to Condition 11	<ul style="list-style-type: none">(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 or decimal degrees;(b) a 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).

13. 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 12 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 12 of this Permit where these records have not already been provided under Condition 13(a) or 13(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 (WA)</i> and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
direct seeding	Means a method of re-establishing vegetation through the establishment of a seed bed and the introduction of seeds of the desired plant species.
drainage line/s	Means a natural depression that carries surface water runoff.
environmental specialist	means a person who holds a tertiary qualification in environmental science or equivalent, and has experience relevant to the type of environmental advice that an environmental specialist is required to provide under this Permit, or who is approved by the <i>CEO</i> as a suitable environmental specialist.
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
fill	means material used to increase the ground level, or to fill a depression.
local provenance	means native vegetation seeds and propagating material from natural sources within 200 kilometres in the same Interim Biogeographic Regionalisation for Australia (IBRA) subregion of the area cleared.
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.
native vegetation	has the meaning given under section 3(1) and section 51A of the EP Act.
planting	means the re-establishment of vegetation by creating favourable soil conditions and planting seedlings of the desired species.
regenerate / regenerated / regeneration	means re-establishment of vegetation from in situ seed banks and propagating material (such as lignotubers, bulbs, rhizomes) contained either within the topsoil or seed-bearing <i>mulch</i> ;
rehabilitate / rehabilitated / rehabilitation	means actively managing an area containing native vegetation in order to improve the ecological function of that area.
revegetate / vegetated / revegetation	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.
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 –

Term	Definition
	(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.
wetland/s	means an area of seasonally, intermittently or permanently waterlogged or inundated land, whether natural or otherwise, and includes a lake, swamp, marsh, spring, dampland, tidal flat or estuary.

END OF CONDITIONS

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



Karen Caple
Executive Director Resource and Environmental Compliance
Resource and Environmental Compliance Division
24 March 2022

SCHEDULE 1

The boundary of the area authorised to be cleared is shown in the map below (Figures 1-2).

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

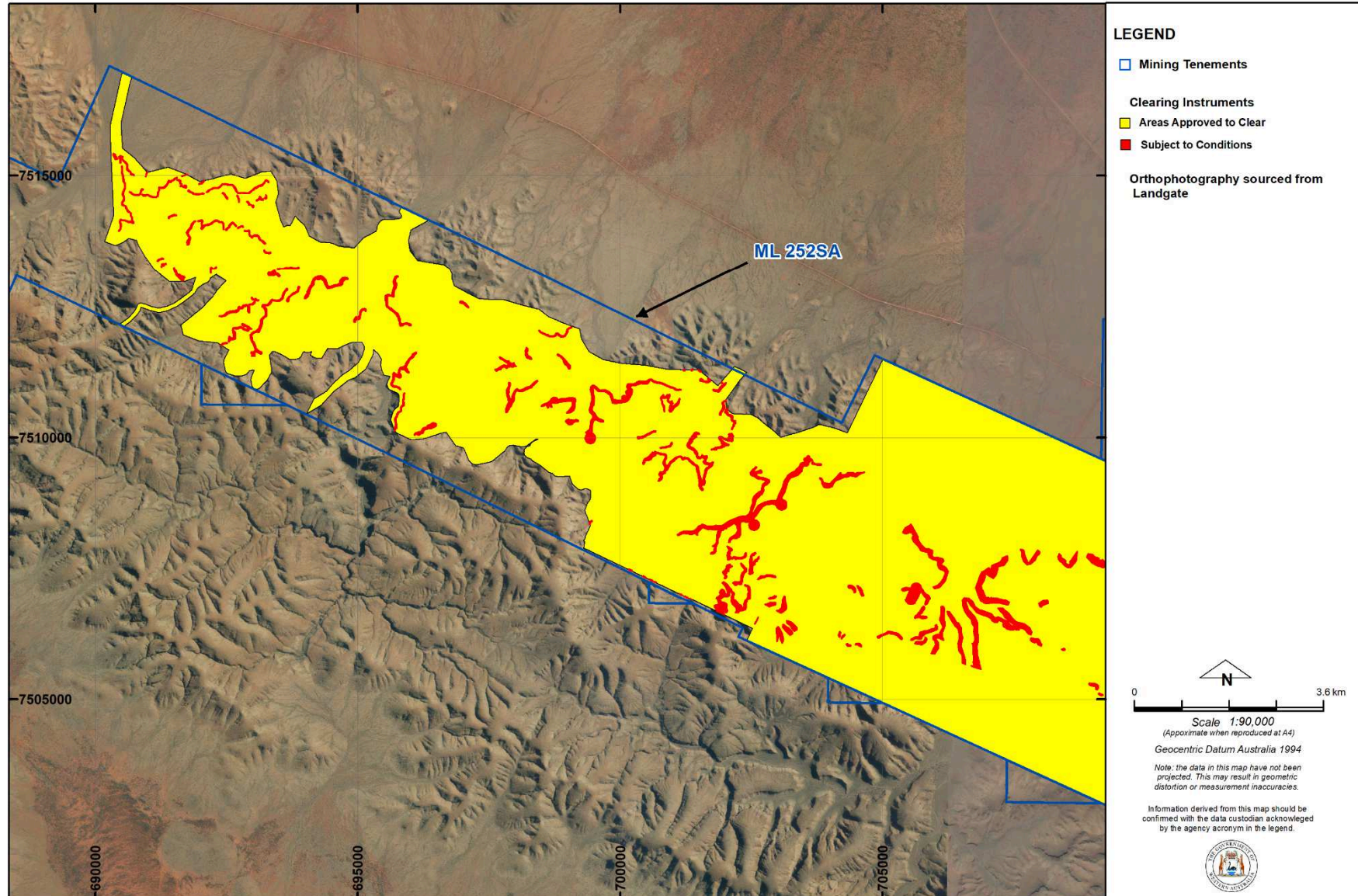


Figure 2: Map of the boundary of the area within which clearing may occur

