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Published on: 20 June 2024

Statement No. 1225

**STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED**  
*(Environmental Protection Act 1986)*

**YOGI MAGNETITE PROJECT**

**Proposal:** The proposal is to construct and operate a magnetite iron ore mine approximately 250 km east-northeast of Geraldton and 15 km northeast of Yalgoo in the Midwest region of Western Australia. The proposal also includes a slurry pipeline from the mine site to Geraldton port, a return water pipeline, and a gas supply pipeline from the Dampier to Bunbury Natural Gas Pipeline.

**Proponent:** FI Joint Venture Pty Ltd  
Australian Company Number 611 846 023

**Proponent address:** Level 14, Forest Centre  
221 St Georges Terrace  
PERTH WA 6000

**Assessment number:** 2154

**Report of the Environmental Protection Authority:** 1761

**Introduction:** Pursuant to section 45 of the *Environmental Protection Act 1986*, it has been agreed that the proposal entitled Yogi Magnetite Project described in the 'Proposal Content Document' attachment of the referral of 19 December 2017, as amended by the changes to proposal approved under s. 43A on 12 November 2018, 24 July 2019, 6 October 2020 and 28 November 2022, may be implemented and that the implementation of the proposal is subject to the following implementation conditions and procedures.

**Conditions and procedures**

**Part A: Proposal extent**

**Part B: Environmental outcomes, prescriptions and objectives**

**Part C: Environmental management plans and monitoring**

**Part D: Compliance and other conditions**

## PART A: PROPOSAL EXTENT

### A1 Limitations and Extent of Proposal

A1-1 The proponent must ensure that the proposal is implemented in such a manner that the following limitations or maximum extents / capacities / ranges are not exceeded:

Proposal element	Location	Maximum extent
Physical elements		
<b>Disturbance</b> footprint within the <b>pipeline development envelope</b>	Figure 1	No more than 200 <b>ha</b> within a 76,439 <b>ha</b> development envelope.
<b>Disturbance</b> footprint within the <b>mine development envelope</b>	Figure 2	No more than 1,530 <b>ha</b> within a 8,230 <b>ha</b> development envelope.
Direct <b>disturbance</b> of native vegetation	Within the development envelopes shown in Figures 1 and 2	<b>Clearing</b> of no more than 1,730 <b>ha</b> of native vegetation.
<b>Exclusion zone</b>	Figure 3	No direct <b>disturbance</b> , including mining activities, pits, excavation, waste dumps and permanent structures. <b>Low impact activities</b> to support environmental monitoring and management are permitted.
Operational elements		
Groundwater abstraction	-	Up to 1 <b>GL/a</b> from the water supply borefield
Mine site dewatering	-	Up to 4 <b>GL/a</b> from the mine pit dewatering
Power	-	Up to 71.08 <b>MW</b> thermal power station with variable renewable power contributions
Gas supply to thermal power	-	Up to 23 <b>TJ/day</b>
Timing elements		
Mine life	-	21 years from the date of substantial commencement to completion of decommissioning

## PART B – ENVIRONMENTAL OUTCOMES, PRESCRIPTIONS AND OBJECTIVES

### B1 Flora and Vegetation

B1-1 The proponent must ensure the implementation of the proposal achieves the following environmental **outcomes**:

- (1) **disturbance** to no more than 153 **ha** of vegetation representative of the Yalgoo vegetation complexes Banded Ironstone Formation **Priority Ecological Community** within the **mine development envelope**;
- (2) **disturbance** to no more than 2.54 **ha** of vegetation representative of the Eucalypt Woodlands of the **WA Wheatbelt Priority Ecological Community** within the **pipeline development envelope**;
- (3) **disturbance** to no more than:
  - (a) 50 individuals of *Dicrastylis linearifolia* recorded in the **flora and fauna survey**;
  - (b) 27 individuals of *Acacia subsessilis* recorded in the **flora and fauna survey**;
  - (c) 288 individuals of *Acacia speckii* recorded in the **flora and fauna survey**;
- (4) **no adverse indirect impacts** to **conservation significant flora** outside the disturbance footprint in the **pipeline development envelope**;
- (5) **disturbance** only in areas that have been subject to survey or **cleared** areas that have previously been **disturbed**; and
- (6) **no disturbance** to Threatened Ecological Communities or Threatened Flora listed under the *Biodiversity Conservation Act 2016* or *Environment Protection and Biodiversity Conservation Act 1999*.

B1-2 The proponent must ensure implementation of the proposal achieves the following environmental **objectives**:

- (1) **no adverse impacts** to flora and vegetation occurring within or directly adjacent to the development envelope from the introduction or spread of **environmental weeds** compared with pre-construction condition;
- (2) **no adverse impacts** to flora and vegetation occurring within or directly adjacent to the development envelope from **dust emissions** or altered fire regimes; and
- (3) **no adverse impacts** to flora and vegetation occurring within or directly adjacent to the development envelopes from the alteration to surface

water flow regimes or groundwater flow regimes compared with pre-construction condition.

B1-3 The proponent must take reasonable steps to use existing or proposed roads, access tracks, infrastructure corridors and other **cleared** areas that have previously been **disturbed**, including shared use with other existing or proposed **disturbance** areas, to minimise **adverse impacts** to flora and vegetation.

B1-4 The proponent must review and revise the Environmental Management Plan (Version 1, 12 June 2023) and the Environmental Management and Rehabilitation Plan for the Pipeline Corridor (Version 1, 12 June 2023) so that it satisfies the requirements of condition C4-1 and condition C5-1 and demonstrates the flora and vegetation environmental **outcomes** in condition B1-1 and environmental **objectives** in condition B1-2 are achieved, and submit it to the **CEO**.

## B2 Terrestrial Fauna

B2-1 The proponent must ensure the implementation of the proposal achieves the following environmental **outcomes**:

(1) within the **mine development envelope, disturb** no more than:

- (a) 153 **ha** of the **Banded Ironstone Formation** fauna habitat type considered suitable habitat for Western spiny-tailed skink (*Egernia stokesii badia*), Gilled slender bluetongue (*Cyclodomorphous branchialis*) and Long-tailed dunnart (*Sminthopsis longicaudata*); and
- (b) 1.14 **ha** of **granitic formations** fauna habitat type considered suitable habitat for Western spiny-tailed skink (*Egernia stokesii badia*), Gilled slender bluetongue (*Cyclodomorphous branchialis*) and Long-tailed dunnart (*Sminthopsis longicaudata*).

(2) within the **pipeline development envelope, disturb** no more than:

- (a) 6.95 **ha** of **low granite outcrops** fauna habitat type considered suitable habitat for Western spiny-tailed skink (*Egernia stokesii badia*);
- (b) 6.29 **ha** of **mallee over mixed shrubland sandplain** fauna habitat type considered potentially suitable habitat for Malleefowl (*Leipoa ocellata*);
- (c) 8.65 **ha** of **mixed shrubland on sandplain** fauna habitat type considered potentially suitable habitat for Malleefowl (*Leipoa ocellata*); and
- (d) 8.59 **ha** of low value **foraging habitat** for Carnaby's cockatoo.

(3) with the exception of **low impact activities**, no **disturbance** to fauna habitat within the **exclusion zone** in the **mine development envelope**.

B2-2 The proponent must implement the proposal to meet the following environmental **objectives**:

- (1) avoid where practicable and otherwise minimise **adverse impacts** and **disturbance** to native fauna including mortality, physical injury, behavioural changes and health impacts; and
- (2) ensure there is no long-term increase in population of feral animals as a result of implementing the proposal.

B2-3 Prior to **ground-disturbing activities**, the proponent must undertake the following actions:

- (1) within seven (7) days prior to **clearing** within the fauna habitat areas identified in condition B2-1(1) and condition B2-1(2), using a suitably qualified or licensed **fauna spotter**, undertake **pre-clearance surveys** to detect the presence of **conservation significant fauna** within **clearing** areas;
- (2) where individuals of Western spiny-tailed skink (*Egernia stokesii badia*) are detected under condition B2-3(1), **ground-disturbing activities** shall not commence until either:
  - (a) the individual(s) have been relocated by a licensed **fauna handler** in accordance with the Western Spiny-tailed Skink Relocation Monitoring Program (Revision 0, May 2021) and any subsequent revisions of the Program;
  - (b) the individual has been observed by the **fauna spotter** to have moved on from the area to adjoining suitable habitat; and
  - (c) the **fauna spotter** considers that the individual no longer occurs in the area.
- (3) where active Malleefowl (*Leipoa ocellata*) mounds are detected under condition B2-3(1), **ground-disturbing activities** shall not commence until either a five hundred (500) metre exclusion zone is implemented around the active mound during breeding season (October to February), or if outside the breeding season a seventy-five (75) metre exclusion zone is implemented around the active mound.

B2-4 The proponent shall undertake the following actions during **construction activities**:

- (1) visually inspect open trenches for the presence of vertebrate fauna and, where required, remove trapped vertebrate fauna from within open **trenches**, using a suitably trained or licensed **fauna handler**:
  - (a) at least twice daily, with the first daily clearing to be completed no later than three (3) hours after sunrise and the second clearing to be completed between the hours of 3:00 pm and 6:00 pm of that same day, unless otherwise agreed to by the **CEO**; and
  - (b) within one (1) hour prior to backfilling of **trenches**;
- (2) ensure open **trench** lengths shall not exceed a length capable of being inspected and cleared by the requirements set out in condition B2-4(3);
- (3) ensure ramps providing egress points and/or fauna refuges providing suitable shelter from the sun and predators for trapped vertebrate fauna are to be placed in the **trench** at intervals not exceeding fifty (50) metres;
- (4) in the event of substantial rainfall, and following the clearing of vertebrate fauna from the **trench**, pump out any pooled water in the open **trench** and discharge it to adjacent vegetated areas in a manner that does not cause erosion;
- (5) produce and provide a report on fauna management no later than sixty (60) days after the completion of **construction activities** to the **CEO**. The report shall include the following:
  - (a) details of fauna inspections;
  - (b) the number and type of fauna cleared from **trenches** and actions taken; and
  - (c) vertebrate fauna mortalities.

B2-5 The proponent must review and revise the Environmental Management Plan (Version 1, 12 June 2023) and the Environmental Management and Rehabilitation Plan for the Pipeline Corridor (Version 1, 12 June 2023) so that it satisfies the requirements of condition C4-1 and condition C5-1 and demonstrates the terrestrial fauna environmental **outcomes** in condition B2-1 and environmental **objectives** in condition B2-2 are achieved, and submit it to the **CEO**.

### **B3 Inland Waters**

B3-1 The proponent must ensure implementation of the proposal achieves the following environmental **outcomes**:

- (1) no **impact** to quantity or quality of the Yalgoo Water Reserve, a Priority 1 **Public Drinking Water Source Area**;

- (2) no **adverse impacts** to nearby groundwater users identified at risk within the drawdown area including pastoral stations for stock use;
- (3) source an alternative water supply of similar quality and quantity for groundwater users at Lazy Well, Ram Well, Wadgingarra Well, Cattle Well, and any other locations identified at risk within the drawdown area that have been **adversely impacted**; and
- (4) no **adverse impacts** to groundwater or surface water quality compared with pre-construction baseline quality along the pipeline and at the abstraction bores.

B3-2 The proponent must ensure the implementation of the proposal achieves the following environmental **objectives**:

- (1) avoid, where practicable, and otherwise minimise **adverse impacts** to surface water flow regimes; and
- (2) avoid, where practicable, and otherwise minimise **adverse impacts** to **Aboriginal cultural heritage** values associated with groundwater or surface water quality and flows.

B3-3 The proponent must include the environmental **outcomes** of condition B3-1(1), B3-1(2) and B3-1(3) that satisfies the requirements of condition C4 in the Groundwater Operating Strategy (Version D, 29 July 2022) required under the *Rights in Water and Irrigation Act 1914* and submit it for approval to the Department of Water and Environmental Regulation.

B3-4 The proponent must include the environmental **outcomes** of condition B3-1(4), and the **objective** of condition B3-2(1) in the Environmental Management Plan (Version 1, 12 June 2023) and the Environmental Management and Rehabilitation Plan for the Pipeline Corridor (Version 1, 12 June 2023) so that it satisfies the requirements of condition C4 and C5 and demonstrates the inland waters environmental **outcomes** in condition B3-1 and environmental **objectives** in condition B3-2 are achieved and submit it to the CEO.

#### **B4 Social Surroundings – Aboriginal Heritage**

B4-1 The proponent must implement the proposal to meet the following environmental **outcomes**:

- (1) no **disturbance** to **Aboriginal cultural heritage**, unless consent is granted to **disturb** that site under the *Aboriginal Heritage Act 1972* and has involved reasonable steps to consult with **relevant Traditional Owners**; and
- (2) subject to reasonable health and safety requirements, no interruption of ongoing access to land utilised for traditional use or custom by **relevant Traditional Owners**.

B4-2 The proponent must implement the proposal to meet the following environmental **objective**:

- (1) avoid, where practicable, and otherwise minimise **adverse impacts** to **Aboriginal cultural heritage**.

B4-3 The proponent must take reasonable steps to consult with **relevant Traditional Owners** about the achievement of the **outcomes** in condition B4-1 and **objectives** in condition B4-2 for the life of the proposal.

## **B5 Social Surroundings – Surrounding Land Use**

B5-1 The proponent must implement the proposal to meet the following environmental **objectives**:

- (1) maintain a two (2) **km** separation distance to sensitive receptors from areas of ground disturbance within the **mine development envelope** during implementation of the proposal;
- (2) ambient dust emissions from implementation of the proposal, measured as particulate matter (PM<sub>10</sub>), must not exceed forty-six (46) micrograms per cubic metre for a twenty-four (24) hour averaging period at any sensitive receptor;
- (3) avoid where practicable and otherwise minimise **adverse impacts** to visual amenity from implementation of the proposal; and
- (4) minimise **adverse impacts** to surrounding land uses, such as pastoral station activities.

B5-2 The proponent must review and revise the Environmental Management Plan (Version 1, 12 June 2023) and the Environmental Management and Rehabilitation Plan for the Pipeline Corridor (Version 1, 12 June 2023) so that it satisfies the requirements of condition C5-1 and demonstrates the social surroundings environmental **objectives** in condition B5-1 are achieved and submit it to the **CEO**.

## **B6 Greenhouse Gas Emissions**

B6-1 Subject to condition B6-1(7), the proponent shall take measures to ensure that **net GHG emissions** do not exceed the following limits:

- (1) 1,060,005 tonnes of CO<sub>2</sub>-e for the period until 30 June 2029;
- (2) 795,004 tonnes of CO<sub>2</sub>-e for the period between 1 July 2029 and 30 June 2034;
- (3) 536,628 tonnes of CO<sub>2</sub>-e for the period between 1 July 2034 and 30 June 2039;

- (4) 268,314 tonnes of CO<sub>2</sub>-e for the period between 1 July 2039 and 30 June 2044;
- (5) zero tonnes of CO<sub>2</sub>-e for the period between 1 July 2044 and the end of the proposal operations and decommissioning, including up until 30 June 2050;
- (6) zero tonnes of CO<sub>2</sub>-e for every consecutive five (5) year period from 1 July 2050 onwards, should a proposal time extension be approved; and
- (7) where the time between the **commencement of operations** and the end of a period specified in condition B6-1(1) is less than five (5) years, the **net GHG emissions** limit for that period is to be determined in accordance with the following formula:

Reduced **net GHG emissions** limit = (A ÷ 1825) x B

Where:

A is the **net GHG emissions** limit for the period as specified in condition B6-1.

B is the number of days between the **commencement of operations** and the end of the relevant period specified in condition B6-1.

B6-2 The proponent shall revise, and submit to the **CEO**, the Greenhouse Gas Emissions Environmental Management Plan (24 August 2022) to:

- (1) be consistent with the achievement of the **net GHG emissions** limits in condition B6-1 subject to the adjustment provided for in condition B6-1(7) (or achievement of emission reductions beyond those required by those emission limits);
- (2) specify the estimated **proposal GHG emissions** and **emissions intensity** for the life of the proposal;
- (3) include a comparison of the estimated **proposal GHG emissions** and **emissions intensity** for the life of the proposal against other relevant emissions reduction practices, pathways and comparable facilities;
- (4) identify and describe any measures that the proponent will implement to avoid, reduce and/or offset **proposal GHG emissions** and/or reduce the **emissions intensity** of the proposal; and
- (5) provide a program for the future review of the plan to:
  - (a) assess the effectiveness of measures referred to in condition B6-2(4);

- (b) identify and describe options for future measures that the proponent may or could implement to avoid, reduce, and/or offset **proposal GHG emissions** and/or reduce the **emissions intensity** of the proposal; and
- (c) consider reasonably practicable options for reductions in **scope 3 emissions**.

B6-3 Within one (1) month of receiving confirmation in writing from the **CEO** that:

- (1) the Greenhouse Gas Environmental Management Plan referred to in condition B6-2 has been revised and satisfies condition B6-2; or
- (2) any subsequent version of the **confirmed** Greenhouse Gas Environmental Management Plan submitted under condition C2-2 or B6-8 which satisfies the requirements of condition B6-2,

the proponent must submit a separate summary of the relevant plan to the **CEO**, which must:

- (3) include a summary of the matters specified in conditions B6-2(1) to condition B6-2(4); and
- (4) be published as required by condition B6-7.

B6-4 The proponent shall submit an annual report to the **CEO** each year by 31 March, commencing on the first 31 March after the **commencement of operations**, or such other date within that financial year as is agreed by the **CEO** to align with other reporting requirements for **GHG**, specifying for the previous financial year:

- (1) the quantity of **proposal GHG emissions**; and
- (2) the **emissions intensity** for the proposal.

B6-5 The proponent shall submit to the **CEO** by 31 March 2030 or such other date within that financial year as is agreed by the **CEO** to align with other reporting requirements for **GHG**, and every five (5) years thereafter:

- (1) a consolidated report specifying:
  - (a) for each of the preceding five financial years, the matters referred to in condition B6-4(1) and condition B6-4(2);
  - (b) for the period specified in condition B6-1 that ended on 30 June of the year before the report is due:
    - (i) the quantity of **proposal GHG emissions**;
    - (ii) the **net GHG emissions**;

- (iii) any measures that have been implemented to avoid or reduce **proposal GHG emissions**; and
- (iv) the type, quantity, identification or serial number, and date of retirement or cancellation of any **authorised offsets** which have been retired or cancelled and which have been used to calculate the **net GHG emissions** referred to in condition B6-5(1)(b)(ii), including written evidence of such retirement or cancellation.

(2) an audit and peer review report of the consolidated report required by condition B6-5(1), carried out by an independent person or independent persons with suitable technical experience dealing with the suitability of the methodology used to determine the matters set out in the consolidated report, whether the consolidated report is accurate and whether the consolidated report is supported by credible evidence.

B6-6 A consolidated report referred to in condition B6-5(1) must be accompanied by:

- (1) a revision of the **confirmed** Greenhouse Gas Environmental Management Plan required under condition B6-2; and
- (2) a separate summary report, for the period specified in condition B6-1 that ended on 30 June of the year before the report is due and any previous periods specified in condition B6-1, and which includes:
  - (a) a graphical comparison of **net GHG emissions** with the **net GHG emissions** limits detailed in condition B6-1 (subject to the adjustment provided for in condition B6-1(7));
  - (b) proposal **emissions intensity** compared to comparable facilities;
  - (c) a summary of measures to reduce the **proposal GHG emissions** undertaken by the proponent for compliance periods detailed in condition B6-1; and
  - (d) a clear statement as to whether limits for **net GHG emissions** set out in condition B6-1 have been met, and whether future **net GHG emissions** limits are likely to be met, including a description of any reasons why those limits have not been, and/or are unlikely to be met.

B6-7 In addition to the requirements of condition C2-6 about publication of the **confirmed** Greenhouse Gas Environmental Management Plan, the proponent shall make the summary of the **confirmed** Greenhouse Gas Environmental Management Plan, and all reports required by this condition B6 publicly available on the proponent's website within the timeframes specified below, or in any other manner or time specified by the **CEO**:

- (1) the summary of the **confirmed** Greenhouse Gas Environmental Management Plan within twenty (20) business days of submitting the document to the **CEO** in accordance with condition B6-3; and
- (2) the reports referred to in condition B6-4, condition B6-5, and condition B6-6 within twenty (20) business days of submitting the document to the **CEO**, and they shall remain published for the life of the proposal.

B6-8 In addition to the requirements of condition C2-2, the proponent must revise and submit to the **CEO** the **confirmed** Greenhouse Gas Environmental Management Plan by the date that the first five (5) yearly consolidated report is required to be submitted under condition B6-5 and every five (5) years after that date.

**B7 Rehabilitation and Closure**

B7-1 The proponent must implement the proposal to meet the following environmental **outcomes**:

- (1) rehabilitated landforms are stable and do not cause pollution or **environmental harm**;
- (2) rehabilitated vegetation is **self-sustaining**;
- (3) rehabilitated drainage lines are stable, not prone to erosion, and support ecological processes;
- (4) rehabilitated areas are consistent with the species diversity and abundance of native vegetation within comparative analogue or reference sites;
- (5) rehabilitation includes the use of native seeds collected from native vegetation adjacent to the proposal;
- (6) groundwater quality is returned to background conditions; and
- (7) closure planning and rehabilitation are undertaken in a progressive manner consistent with achievement of the above **outcomes** during **operations**, where practicable, and as soon as practicable upon closure.

B7-2 The proponent must include the environmental **outcomes** of condition B7-1 in the Mine Closure Plan required under the *Mining Act 1978* and submitted for approval to the **DEMIRS**.

B7-3 The proponent must monitor the progress towards achievement of environmental **outcomes** of condition B7-1 and include the findings in the reporting of enhanced restoration offsets required by condition B8.

**B8 Enhanced Restoration Offsets**

B8-1 The proponent must ensure the implementation of the proposal achieves the following environmental **outcomes** and **objectives**:

- (1) counterbalance the significant residual impacts to the following environmental values:
  - (a) Carnaby's cockatoo (*Zanda laticauda*) **foraging habitat**;
  - (b) Western spiny tailed skink (*Egernia stokesii badia*) **habitat**; and
  - (c) Malleefowl (*Leipoa ocellata*) **habitat**.
- (2) restore and enhance habitat to ensure a **net-gain** in suitable habitat outside the area **disturbed** by the proposal which is likely to remain viable is achieved for the **environmental values** listed in condition B8-1(1);
- (3) ensure an environmental benefit is achieved for the **environmental values** listed in condition B8-1(1); and
- (4) contribute to key knowledge gaps about Carnaby's cockatoo (*Zanda laticauda*), Western spiny tailed skink (*Egernia stokesii badia*) and Malleefowl (*Leipoa ocellata*), to enable them to be managed consistent with the associated **recovery plans** for each of the species.

### **Biodiversity Offset Strategy (Environmental Management Plan)**

B8-2 The proponent must, in consultation with the **DBCA**, review and revise the Biodiversity Offset Strategy (Environmental Management Plan) (Revision 0, 26 September 2023) so that it demonstrates how the environmental **outcomes** and **objectives** in condition B8-1 will be achieved, and how this achievement will be substantiated, and submit it to the **CEO**.

B8-3 The Biodiversity Offset Strategy (Environmental Management Plan) must:

- (1) demonstrate that the environmental **outcomes** and **objectives** in condition B8-1 will be met;
- (2) identify the **enhanced restoration areas** for the **environmental values** identified in condition B8-1 which will result in a ratio of at least 3:1 (impact) for each species;
- (3) demonstrate how the **environmental values** within the **enhanced restoration areas** will be maintained and improved in order to counterbalance the residual impact to the **environmental values** in condition B8-1(1) and achieve the environmental **outcomes** and **objectives** in condition B8-1;
- (4) demonstrate application of the principles of the WA Environmental Offsets Policy, the *WA Environmental Offsets Metric* and the WA Offsets

Template, as described in the *WA Environmental Offsets Guidelines*, and the *Environment Protection and Biodiversity Conservation Act 1999 Environmental Offsets Policy Assessment Guide*, or any subsequent revisions of these documents;

- (5) identify how the ongoing performance of the enhanced restoration activities, and whether they are achieving the **outcomes** and **objectives** in condition B8-1, will periodically be made publicly available;
- (6) identify how the **enhanced restoration areas** will be protected, being either the sites are ceded to the Crown for the purpose of management for conservation, or the sites are managed under other suitable mechanism for the purpose of conservation as agreed by the **CEO** by notice in writing.
- (7) identify how ongoing security and permanence for enhanced restoration areas will be provided, including for after satisfying completion criteria;
- (8) where **on-ground management** is proposed:
  - (a) state the targets for each **environmental value** to be achieved, including completion criteria, which will result in a **tangible improvement** to the **environmental values** subject to enhanced restoration;
  - (b) demonstrate the consistency of the targets with environmental **outcomes** and **objectives** in condition B8-1 and the objectives of any relevant guidance, including but not limited to, **recovery plans** or area management plans;
  - (c) detail the **on-ground management** actions, with associated timeframes for implementation and completion, to achieve the targets identified in condition B8-3(7)(a); and
  - (d) detail the monitoring, reporting and evaluation mechanisms for the targets and actions identified under condition B8-3(7)(a).
- (9) for **research offset** identified in condition B8-1(4), prepare a research program that:
  - (a) identifies the **objectives** and intended **outcomes**, and specifies the deliverables and completion criteria;
  - (b) identifies how the research will result in positive conservation **outcomes** or **tangible improvements**, and will either improve management and protection or address priority knowledge gaps that have been identified as a research priority needed to improve management and protection, for the **environmental values** identified in condition B8-1(1);

- (c) demonstrate the consistency of the **objectives** in condition B8-3(8)(a) with any relevant guidance, including but not limited to, **recovery plans** or area management plans, the principles of the *WA Environmental Offsets Policy*, the *WA Environmental Offsets Guidelines*, or any subsequent revisions of these documents;
- (d) identifies and justifies the how the research will support land **acquired** and/or **on-ground management** in achieving a positive conservation **outcome**;
- (e) provides an implementation and reporting schedule, including an outline of key activities, all deliverables, stages of implementation, reporting of research results (including interim results), reporting on implementation status, and milestones towards completion criteria;
- (f) identifies the governance arrangements including responsibilities for implementing, and oversight of, the research program, agreements with government agencies, agreements with any third parties, and **contingency measures**;
- (g) identify how a research program summary, and the results (including interim results) of the research program will be communicated and/or published in an open access format; and
- (h) identifies the third party to carry out the work required to meet the outcomes of condition B8-3(8)(a), who is satisfactory for the role to the **CEO**. In applying to the **CEO** for endorsement of the selected third parties, the proponent shall provide:
  - (i) demonstration of the track record, experience, qualifications and competencies of the proposed third party to carry out the work and achieve the outcomes.

### *Contingency Offsets*

B8-4 If, after receiving the ongoing performance review of the enhanced restoration and research, reporting and evaluation required by condition B8-3(7)(d), the **CEO** determines that the proposal has not met the environmental **outcomes** and **objectives** in condition B8-1, and after notifying the proponent in writing, the proponent must undertake an additional offset to counterbalance the significant residual impact from the additional impact to Carnaby's cockatoo (*Zanda latirostris*), Western spiny tailed skink (*Egernia stokesii badia*) and Malleefowl (*Leipoa ocellata*).

B8-5 Within twelve (12) months of receiving notice in writing from the **CEO** that an additional offset is required under condition B8-4 the proponent must update the Biodiversity Offset Strategy (Environmental Management Plan) required by condition B8-2 to include additional offsets to counterbalance the significant residual impacts to Carnaby's cockatoo (*Zanda latirostris*), Western spiny tailed skink (*Egernia stokesii badia*) and Malleefowl (*Leipoa ocellata*).

## PART C – ENVIRONMENTAL MANAGEMENT PLANS AND MONITORING

### C1 Environmental Management Plans: Conditions Related to Commencement of Implementation of the Proposal

C1-1 The proponent must not undertake:

- (1) **ground disturbing activities** until the **CEO** has confirmed in writing that the environmental management plan required by condition B1-4, condition B2-5, condition B3-4 and condition B5-2 meets the requirements of those conditions and conditions C4 and C5;
- (2) **ground disturbing activities** of the habitat types as described in condition B8-1(1) until the **CEO** has confirmed in writing that the Biodiversity Offset Strategy (Environmental Management Plan) required by condition B8-2 meets the requirements of that condition; and
- (3) **operational activities** until the **CEO** has confirmed in writing that the Greenhouse Gas Environmental Management Plan required by condition B6-2 meets the requirements of that condition.

### C2 Environmental Management Plans: Conditions Relating to Approval, Implementation, Review and Publication

C2-1 Upon being required to implement an environmental management plan under Part B, or after receiving notice in writing from the **CEO** under condition C1-1 that the environmental management plan(s) required in Part B satisfies the relevant requirements, the proponent must:

- (1) implement the most recent version of the **confirmed** environmental management plan; and
- (2) continue to implement the **confirmed** environmental management plan referred to in condition C2-1(1), other than for any period which the **CEO** confirms by notice in writing that it has been demonstrated that the relevant requirements for the environmental management plan have been met, or are able to be met under another statutory decision-making process, in which case the implementation of the environmental management plan is no longer required for that period.

C2-2 The proponent:

- (1) may review and revise a **confirmed** environmental management plan provided it meets the relevant requirements of that environmental management plan, including any consultation that may be required when preparing the environmental management plan;
- (2) must review and revise a **confirmed** environmental management plan and ensure it meets the relevant requirements of that environmental

management plan, including any consultation that may be required when preparing the environmental management plan, as and when directed by the **CEO**; and

- (3) must revise and submit to the **CEO** the **confirmed** Environmental Management Plan if there is a material risk that the outcomes or objectives it is required to achieve will not be complied with, including but not limited to as a result of a change to the proposal.

C2-3 Despite condition C2-1, but subject to conditions C2-4 and C2-5, the proponent may implement minor revisions to an environmental management plan if the revisions will not result in new or increased **adverse impacts** to the environment or result in a risk to the achievement of the limits, outcomes or objectives which the environmental management plan is required to achieve.

C2-4 If the proponent is to implement minor revisions to an environmental management plan under condition C2-3, the proponent must provide the **CEO** with the following at least twenty (20) business days before it implements the revisions:

- (1) the revised environmental management plan clearly showing the minor revisions;
- (2) an explanation of and justification for the minor revisions; and
- (3) an explanation of why the minor revisions will not result in new or increased **adverse impacts** to the environment or result in a risk to the achievement of the limits, outcomes or objectives which the environmental management plan is required to achieve.

C2-5 The proponent must cease to implement any revisions which the **CEO** notifies the proponent (at any time) in writing may not be implemented.

C2-6 **Confirmed** environmental management plans, and any revised environmental management plans under condition C2-4(1), must be published on the proponent's website and provided to the **CEO** in electronic form suitable for on-line publication by the Department of Water and Environmental Regulation within twenty (20) business days of being implemented, or being required to be implemented (whichever is earlier).

### **C3 Conditions Related to Monitoring**

C3-1 The proponent must undertake monitoring capable of:

- (1) substantiating whether the proposal limitations and extents in Part A are exceeded; and
- (2) **detecting** and substantiating whether the environmental outcomes identified in Part B are achieved (excluding any environmental outcomes

in Part B where an environmental management plan is expressly required to monitor achievement of that outcome).

C3-2 The proponent must submit as part of the Compliance Assessment Report required by condition D2, a compliance monitoring report that:

- (1) outlines the monitoring that was undertaken during the implementation of the proposal;
- (2) identifies why the monitoring was capable of substantiating whether the proposal limitation and extents in Part A are exceeded;
- (3) for any environmental outcomes to which condition C3-1(2) applies, identifies why the monitoring was scientifically robust and capable of **detecting** whether the environmental outcomes in Part B are met;
- (4) outlines the results of the monitoring;
- (5) reports whether the proposal limitations and extents in Part A were exceeded and (for any environmental outcomes to which condition C3-1 (2) applies) whether the environmental outcomes in Part B were achieved, based on analysis of the results of the monitoring; and
- (6) reports any actions taken by the proponent to remediate any potential non-compliance.

#### **C4 Environmental Management Plans: Conditions Relating to Monitoring and Adaptive Management for Outcomes Based Conditions**

C4-1 The environmental management plans required under condition B1-3, condition B2-5, condition B3-3, condition B6-2 and condition B8-2 must contain provisions which enable the substantiation of whether the relevant outcomes of those conditions are met, and must include:

- (1) **threshold criteria** that provide a limit beyond which the environmental outcomes are not achieved;
- (2) **trigger criteria** that will provide an early warning that the environmental outcomes are not likely to be met;
- (3) monitoring parameters, sites, control/reference sites, methodology, timing and frequencies which will be used to measure **threshold criteria** and **trigger criteria**. Include methodology for determining alternate monitoring sites as a contingency if proposed sites are not suitable in the future;
- (4) baseline data;
- (5) data collection and analysis methodologies;

- (6) adaptive management methodology;
- (7) **contingency measures** which will be implemented if **threshold criteria** or **trigger criteria** are not met; and
- (8) reporting requirements.

C4-2 The Groundwater Operating Strategy and environmental management plans required under condition B3-3 and condition B3-4 are also required to include:

- (1) identification of reasonably likely alternative water supply options to nearby groundwater users if they are adversely affected, and contingency measures including reducing or ceasing water extraction to prevent **adverse impacts** to other water users;
- (2) reasonable steps for the proponent to consult with Water Corporation about the achievement of the **outcomes** in condition B3-1 for the life of the proposal and any updates to the Strategy required in condition B3-3; and
- (3) reasonable steps for the proponent to consult with pastoral stations and **relevant Traditional Owners** about the achievement of the **outcome** in condition B3-1(3) for the life of the proposal and any updates to the environmental management plans required in condition B3-4.

C4-3 Without limiting condition C3-1, failure to achieve an environmental outcome, or the exceedance of a **threshold criteria**, regardless of whether threshold **contingency measures** have been or are being implemented, represents a non-compliance with these conditions.

## **C5 Environmental Management Plans: Conditions Related to Management Actions and Targets for Objective Based Conditions**

C5-1 The environmental management plans required under condition B1-2, condition B2-5, condition B5-2, condition B6-2 and condition B8-2 must contain provisions which enable the achievement of the relevant objectives of those conditions and substantiation of whether the objectives are reasonably likely to be met, and must include:

- (1) **management actions**;
- (2) **management targets**;
- (3) **contingency measures if management targets** are not met; and
- (4) reporting requirements.

C5-2 The environmental management plans required under condition B3-4 are also required to include:

(1) reasonable steps for the proponent to consult with pastoral stations and Traditional Owners in the Environmental Management Plans about the achievement of the **objective** in condition B3-2 for the life of the proposal and any updates to the environmental management plans required in condition B3-4.

C5-3 Without limiting condition C2-1, the failure to achieve an environmental objective, or implement a **management action**, regardless of whether **contingency measures** have been or are being implemented, represents a non-compliance with these conditions.

## PART D – COMPLIANCE, TIME LIMITS, AUDITS AND OTHER CONDITIONS

### D1 Non-compliance Reporting

D1-1 If the proponent becomes aware of a potential non-compliance, the proponent must:

- (1) report this to the **CEO** within seven (7) days;
- (2) implement **contingency measures**;
- (3) investigate the cause;
- (4) investigate environmental impacts;
- (5) advise rectification measures to be implemented;
- (6) advise any other measures to be implemented to ensure no further impact;
- (7) advise timeframe in which contingency, rectification and other measures have and/or will be implemented; and
- (8) provide a report to the **CEO** within twenty-one (21) days of being aware of the potential non-compliance, detailing the measures required in conditions D1-1(1) to D1-1(7) above.

D1-2 Failure to comply with the requirements of a condition, or with the content of an environmental management plan required under a condition, constitutes a non-compliance with these conditions, regardless of whether the **contingency measures**, rectification or other measures in condition D1-1 above have been or are being implemented.

### D2 Compliance Reporting

D2-1 The proponent must provide an annual Compliance Assessment Report to the **CEO** for the purpose of determining whether the implementation conditions are being complied with.

D2-2 Unless a different date or frequency is approved by the **CEO**, the first annual Compliance Assessment Report must be submitted within fifteen (15) months of the date of this Statement, and subsequent reports must be submitted annually from that date.

D2-3 Each annual Compliance Assessment Report must be endorsed by the proponent's Chief Executive Officer, or a person approved by proponent's Chief Executive Officer to be delegated to sign on the Chief Executive Officer's behalf.

D2-4 Each annual Compliance Assessment Report must:

- (1) state whether each condition of this Statement has been complied with, including:
  - (a) exceedance of any proposal limits and extents;
  - (b) achievement of environmental outcomes;
  - (c) achievement of environmental objectives;
  - (d) requirements to implement the content of environmental management plans;
  - (e) monitoring requirements;
  - (f) implement **contingency measures**;
  - (g) requirements to implement adaptive management; and
  - (h) reporting requirements;
- (2) include the results of any monitoring (inclusive of any raw data) that has been required under Part C in order to demonstrate that the limits in Part A, and any outcomes or any objectives are being met;
- (3) provide evidence to substantiate statements of compliance, or details of where there has been a non-compliance;
- (4) include the corrective, remedial and preventative actions taken in response to any potential non-compliance;
- (5) be provided in a form suitable for publication on the proponent's website and online by the Department of Water and Environmental Regulation;
- (6) be prepared and published consistent with the latest version of the Compliance Assessment Plan required by condition D2-5 which the **CEO** has confirmed by notice in writing satisfies the relevant requirements of Part C and Part D.

D2-5 The proponent must prepare a Compliance Assessment Plan which is submitted to the **CEO** at least six (6) months prior to the first Compliance Assessment Report required by condition D2-2, or prior to implementation of the proposal, whichever is sooner.

D2-6 The Compliance Assessment Plan must include:

- (1) what, when and how information will be collected and recorded to assess compliance;
- (2) the methods which will be used to assess compliance;

- (3) the methods which will be used to validate the adequacy of the compliance assessment to determine whether the implementation conditions are being complied with;
- (4) the retention of compliance assessments;
- (5) the table of contents of Compliance Assessment Reports, including audit tables; and
- (6) how and when Compliance Assessment Reports will be made publicly available, including usually being published on the proponent's website within sixty (60) days of being provided to the **CEO**.

### **D3 Contact Details**

D3-1 The proponent must notify the **CEO** of any change of its name, physical address or postal address for the serving of notices or other correspondence within twenty-eight (28) days of such change. Where the proponent is a corporation or an association of persons, whether incorporated or not, the postal address is that of the principal place of business or of the principal office in the State.

### **D4 Time Limit for Proposal Implementation**

- D4-1 The proposal must be substantially commenced within five (5) years from the date of this Statement.
- D4-2 The proponent must provide to the **CEO** documentary evidence demonstrating that they have complied with condition D4-1 no later than fourteen (14) days after the expiration of period specified in condition D4-1.
- D4-3 If the proposal has not been substantially commenced within the period specified in condition D4-1, implementation of the proposal must not be commenced or continued after the expiration of that period.

### **D5 Public Availability of Data**

D5-1 Subject to condition D5-2, within a reasonable time period approved by the **CEO** upon the issue of this Statement and for the remainder of the life of the proposal, the proponent must make publicly available, in a manner approved by the **CEO**, all validated environmental data collected before and after the date of this Statement relevant to the proposal (including sampling design, sampling methodologies, monitoring and other empirical data and derived information products (e.g. maps)), environmental management plans and reports relevant to the assessment of this proposal and implementation of this Statement.

D5-2 If:

- (1) any data referred to in condition D5-1 contains trade secrets; or

(2) any data referred to in condition D5-1 contains particulars of confidential information (other than trade secrets) that has commercial value to a person that would be, or could reasonably be expected to be, destroyed or diminished if the confidential information were published,

the proponent may submit a request for approval from the **CEO** to not make this data publicly available and the **CEO** may agree to such a request if the **CEO** is satisfied that the data meets the above criteria.

D5-3 In making such a request the proponent must provide the **CEO** with an explanation and reasons why the data should not be made publicly available.

## **D6 Independent Audit**

D6-1 The proponent must arrange for an independent audit of compliance with the conditions of this statement, including achievement of the environmental outcomes and/or the environmental objectives and/ or environmental performance with the conditions of this statement, as and when directed by the **CEO**.

D6-2 The independent audit must be carried out by a person with appropriate qualifications who is nominated or approved by the **CEO** to undertake the audit under condition D6-1.

D6-3 The proponent must submit the independent audit report with the Compliance Assessment Report required by condition D2, or at any time as and when directed in writing by the **CEO**. The audit report is to be supported by credible evidence to substantiate its findings.

D6-4 The independent audit report required by condition D6-1 is to be made publicly available in the same timeframe, manner and form as a Compliance Assessment Report, or as otherwise directed by the **CEO**.

[signed on 19 June 2024]

Hon Reece Whitby MLA  
**MINISTER FOR ENVIRONMENT; CLIMATE ACTION**

<b>Key decision-making authorities consulted under section 45(2):</b>
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Minister for Water
Minister for Aboriginal Affairs
Minister for Mines and Petroleum
Minister for Lands

**Table 1: Abbreviations and definitions**

Acronym or abbreviation	Definition or term
<b>Aboriginal cultural heritage</b>	Means the tangible and intangible elements that are important to the Aboriginal people of the State, and are recognised through social, spiritual, historical, scientific, or aesthetic values, as part of Aboriginal tradition to the extent they directly affect or are affected by physical or biological surroundings.
<b>Aboriginal cultural heritage site(s)</b>	A place which has Aboriginal cultural heritage which is subject to a Western Australian law relating specifically to Aboriginal heritage from time to time.
<b>Adverse impact/ adversely impacted</b>	<p>Negative change that is neither trivial nor negligible that could result in a reduction in health, diversity or abundance of the receptor/s being impacted, or a reduction in <b>environmental value</b>. Adverse impacts can arise from direct or indirect impacts, or other impacts from the proposal.</p> <p>In relation to flora and vegetation, this includes but is not limited to, spread or introduction of environmental weeds, dust emissions, altered fire regimes, hydrological change and changes in erosion and edge effects.</p> <p>In relation to terrestrial fauna, this includes but is not limited to, habitat fragmentation, vehicle strike, collision with fencing, artificial light and vibration, noise emissions and increased predation.</p> <p>In relation to inland waters, this includes but is not limited to, changes to water quality and hydrological changes resulting from mine dewatering, surplus water discharge, reduction in surface water catchments and altered water flow regimes.</p> <p>In relation to <b>Aboriginal cultural heritage</b>, this includes but is not limited to, hydrological change, introduction or spread of non-indigenous flora and/or fauna, alteration of fauna behaviour, artificial light, dust, vibration, and noise emissions.</p>
<b>Authorised offsets</b>	<p>Units representing <b>GHG emissions</b> issued under one of the following schemes and cancelled or retired in accordance with any rules applicable at the relevant time governing the cancellation or retiring of units of that kind:</p> <ol style="list-style-type: none"> <li>Australian Carbon Credit Units issued under the <i>Carbon Credits (Carbon Farming Initiative) Act 2011</i> (Cth);</li> <li>Verified Emission Reductions issued under the Gold Standard program;</li> <li>Verified Carbon Units issued under the Verified Carbon Standard program; or</li> <li>other offset units that the Minister has notified the proponent in writing meet integrity principles and are based on clear, enforceable and accountable methods.</li> </ol>

<b>Banded Ironstone Formation</b>	The habitat type as defined in the report 'Yogi Magnetite Mine – Public Environmental Review, Environmental Review Document Assessment No. 2154' and supporting spatial data by GHD 2020.
<b>CEO</b>	The Chief Executive Officer of the Department of the Public Service of the State responsible for the administration of section 48 of the <i>Environmental Protection Act 1986</i> , or the <b>CEO's</b> delegate.
<b>Cleared/ Clearing</b>	Has the same meaning as in section 51A of the <i>Environmental Protection Act 1986</i> .
<b>Commencement of operations</b>	Means commencing operation of the proposal and includes pre-commissioning, commissioning, start-up and operation of the proposal.
<b>Confirmed</b>	<p>In relation to a plan required to be made and submitted to the <b>CEO</b>, means, at the relevant time, the plan that the <b>CEO</b> confirmed, by notice in writing, meets the requirements of the relevant condition.</p> <p>In relation to a plan required to be implemented without the need to be first submitted to the <b>CEO</b>, means that plan until it is revised, and then means, at the relevant time, the plan that the <b>CEO</b> confirmed, by notice in writing, meets the requirements of the relevant condition.</p>
<b>Conservation significant fauna</b>	Threatened fauna species listed under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> and <i>Biodiversity Conservation Act 2016</i> , and Priority fauna listed by the DBCA.
<b>Conservation significant flora</b>	Threatened flora species and/or communities listed under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> and <i>Biodiversity Conservation Act 2016</i> , and Priority flora and/or communities listed by the DBCA.
<b>Contingency measures</b>	Planned actions for implementation if it is identified that an environmental outcome, environmental objective, threshold criteria, or management target are likely to be, or are being, exceeded. Contingency measures include changes to operations or reductions in disturbance or <b>adverse impacts</b> to reduce impacts and must be decisive actions that will quickly bring the impact to below any relevant threshold, management target and to ensure that the environmental outcome and/or objective can be met.
<b>Construction activities</b>	Activities that are associated with the substantial implementation of a proposal including but not limited to, earthmoving, vegetation clearing, grading or construction of right of way. Construction activities do not include Geotechnical investigations (including potholing for services and the installation of piezometers) and other preconstruction activities where no clearing of vegetation is required.
<b>DBCA</b>	Department of Biodiversity, Conservation and Attractions
<b>DEMIRS</b>	Department of Energy, Mines, Industry Regulation and Safety

<b>Detecting/ Detectable</b>	The smallest statistically discernible effect size that can be achieved with a monitoring strategy designed to achieve a statistical power value of at least 0.8 or an alternative value as determined by the <b>CEO</b> .
<b>Disturb/ Disturbance</b>	<p>Means directly has or materially contributes to the disturbance effect on health, diversity or abundance of the receptor/s being impacted or on an environmental value.</p> <p>In relation to flora, vegetation, or fauna habitat, includes to result in the death, destruction, removal, severing or doing substantial damage to.</p> <p>In relation to fauna, includes to have the effect of altering the natural behaviour of fauna to its detriment.</p> <p>In relation to inland waters, includes to have the effect of altering hydrological regimes or water quality to the detriment of the <b>environmental values</b> supported by or dependent on groundwater and/or surface water.</p> <p>In relation to <b>Aboriginal cultural heritage</b>, includes direct physical or biological effects on the tangible and intangible elements that are important to Aboriginal people, and are recognised through social, spiritual, historical, scientific, or aesthetic values, as part of Aboriginal tradition.</p>
<b>Dust Emissions</b>	Airborne particulate matter from the erosion of soil, sand and rock.
<b>Emissions intensity</b>	<b>Proposal GHG emissions</b> per tonnes per annum of product produced.
<b>Enhanced restoration areas</b>	The areas of land identified in condition B8-3(2).
<b>Environmental harm</b>	Has the meaning provided by section 3A(2) of the <i>Environmental Protection Act 1986</i> .
<b>Environmental value(s)</b>	A beneficial use, or ecosystem health condition.
<b>Environmental weeds</b>	Any plant declared under section 22(2) of the <i>Biosecurity and Agriculture Management Act 2007</i> , any plant listed on the Weeds of National Significance List and any weeds listed on the Department of Biodiversity, Conservation and Attractions Southwest Region Impact and Invasiveness Ratings list, as amended or replaced from time to time.
<b>Excellent</b>	The condition of native vegetation rated in accordance with the Technical guidance – Flora and vegetation surveys for environmental impact assessment (EPA 2016) including any revision to this technical guidance.
<b>Exclusion zone</b>	The spatial area as depicted in Figure 4 and defined by geographic coordinates in Schedule 1.
<b>Fauna handler</b>	A person who is qualified and has attained the appropriate licence/s and authorisation/s under section 40 of the <i>Biodiversity</i>

	<i>Conservation Act 2016</i> and the Biodiversity Conservation Regulations 2018.
<b>Fauna spotter</b>	A person who is suitably trained in species identification, who does not perform any handling of animals where a licence to do so is required.
<b>Flora and fauna survey</b>	The flora and vegetation survey results, and supporting spatial data, as described in the report <i>Yogi Magnetite Project Pipeline Corridor Flora and Fauna Assessment</i> (GHD 2020).
<b>Foraging habitat</b>	Vegetation and plant species known to support foraging within the range of the Carnaby's cockatoo including <i>Eucalyptus</i> spp., <i>Allocasuarina campestris</i> , <i>Acacia</i> spp., <i>Banksia</i> spp. and <i>Hakea</i> spp.
<b>GHG emissions</b>	Greenhouse gas emissions expressed in tonnes of carbon dioxide equivalent (CO <sub>2</sub> -e) as calculated in accordance with the definition of 'carbon dioxide equivalence' in Section 7 of the <i>National Greenhouse and Energy Reporting Act 2007</i> (Cth), or, if that definition is amended or repealed, the meaning set out in an Act, regulation or instrument concerning greenhouse gases as specified by the Minister.
<b>GL/a</b>	Gigalitres per annum
<b>Granitic formations</b>	The habitat type as defined in the report 'Yogi Magnetite Mine – Public Environmental Review, Environmental Review Document Assessment No. 2154' and supporting spatial data by GHD 2020.
<b>Greenhouse gas or GHG</b>	Has the meaning given by Section 7A of the <i>National Greenhouse and Energy Reporting Act 2007</i> (Cth) or, if that definition is amended or repealed, the meaning set out in an Act, regulation or instrument concerning greenhouse gases as specified by the Minister.
<b>Ground disturbing activities</b>	Any activity or activities undertaken in the implementation of the proposal, including any clearing, civil works or construction.
<b>Ha</b>	Hectare(s)
<b>Indirect impact(s)</b>	Any potential impacts outside the disturbance footprint as a result of the clearing and disturbance authorised in this Statement. This includes but is not limited to hydrological change, spread or introduction of environmental weeds, altered fire regimes, introduction or spread of disease, changes in erosion/deposition/accretion and edge effects.
<b>km</b>	Kilometres(s)
<b>Low granite outcrops</b>	The habitat type as defined in the report 'Yogi Magnetite Mine – Public Environmental Review, Environmental Review Document Assessment No. 2154' and supporting spatial data by GHD 2020.
<b>Low impact activities</b>	Means activities involving minimal disturbance of ground or vegetation. Activities may include monitoring of fauna, vegetation

	or water, or management activities associated with weed control or feral fauna control.
<b>m</b>	Metres(s)
<b>m<sup>3</sup></b>	Cubic metre(s)
<b>Mallee over mixed shrubland sandplain</b>	The habitat type as defined in the report 'Yogi Magnetite Mine – Public Environmental Review, Environmental Review Document Assessment No. 2154' and supporting spatial data by GHD 2020.
<b>Management action</b>	The identified actions implemented with the intent of achieving the environmental objective.
<b>Management target</b>	A type of indicator to evaluate whether an environmental objective is being achieved.
<b>Mine development envelope</b>	The area shown within Figure 2 and defined by geographic coordinates in Schedule 1.
<b>Mixed shrubland on sandplain</b>	The habitat type as defined in the report 'Yogi Magnetite Mine – Public Environmental Review, Environmental Review Document Assessment No. 2154' and supporting spatial data by GHD 2020
<b>MW</b>	Megawatt(s)
<b>Net-gain</b>	The extent of the environmental benefit associated with enhanced restoration must exceed the extent of the significant residual impact and create environmental features that are in a measurably better state than beforehand, allowing for natural background variation, seasonal changes or other factors outside the control of the proponent.
<b>Net GHG emissions</b>	<p>Proposal GHG emissions for a period less any reduction in GHG Emissions represented by the cancellation or retirement of <b>authorised offsets</b> which:</p> <ul style="list-style-type: none"> <li>(a) were cancelled or retired between the first day of the period until 1 March in the year after the period has ended;</li> <li>(b) have been identified in the report for that period as required by condition B6-5(1)(b)(iv);</li> <li>(c) have not been identified as cancelled or retired in the report for that period as required by condition B6-5(1)(b)(iv);</li> <li>(d) have not been used to offset <b>GHG emissions</b> other than <b>proposal GHG emissions</b>; and</li> <li>(e) were not generated by avoiding <b>proposal GHG emissions</b>.</li> </ul>
<b>Objective(s)</b>	An objective is the proposal-specific desired state for an environmental factor/s to be achieved from the implementation of management actions.
<b>On-ground management</b>	This includes revegetation (re-establishment of native vegetation in degraded areas) and rehabilitation (repair of ecosystem processes and management of weeds, disease or feral animals) with the objective to achieve a <b>tangible improvement</b> to the environmental values in the offset area.

<b>Operation activity/ operational activities</b>	Operation of the plant infrastructure for the proposal and includes pre-commissioning, commissioning, start-up and operation of the plant infrastructure for the proposal.
<b>Outcome(s)</b>	A proposal-specific result to be achieved when implementing the proposal.
<b>Pipeline development envelope</b>	The area shown within Figure 1 and defined by geographic coordinates in Schedule 1.
<b>Pre-clearance surveys</b>	Surveys designed to identify the presence or evidence of conservation significant fauna prior to <b>ground disturbing activities</b> .
<b>Proposal GHG emissions</b>	<b>GHG emissions</b> released to the atmosphere as a direct result of an activity or series of activities that comprise/s or form/s part of the proposal.
<b>Public Drinking Water Source Area</b>	The protected surface water catchments and groundwater areas that provide drinking water sources for cities, towns and communities in Western Australia that are proclaimed under the <i>Metropolitan Water Supply, Sewerage and Drainage Act 1909</i> or the <i>Country Areas Water Supply Act 1947</i> .
<b>Recovery plan(s)</b>	Recovery plans made or adopted by the Australian Government Minister for Environment under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> .
<b>Relevant Traditional Owner</b>	In relation to the land subject to the proposal, means one or more of the following: <ul style="list-style-type: none"> <li>- a registered native title body corporate for the land; or</li> <li>- a registered native title claimant for the land; or</li> <li>- a group of persons with Aboriginal traditional and cultural associations with the land.</li> </ul>
<b>Research offset</b>	A program or study that must be reasonably related to the impact and is designed to result in a positive conservation outcome. It may include improving the management and protection of existing conservation estate, adding to existing State Government initiatives, policies, or strategies, or addressing priority knowledge gaps.
<b>Scope 3 emissions</b>	<b>Scope 3 emissions</b> are indirect <b>greenhouse gas</b> emissions other than scope 2 emissions that are generated in the wider economy. They occur as a consequence of the activities of a facility, but from sources not owned or controlled by that facility's business.
<b>Self-sustaining</b>	Refers to vegetation that is self-perpetuating (able to continue to survive indefinitely) without external assistance.
<b>Significant flora avoidance areas</b>	The spatial areas as depicted in Figure 3 series and defined by geographic coordinates in Schedule 1.
<b>Tangible improvement</b>	A perceptible, measurable and definable improvement that provides additional ecological benefit and/or value.

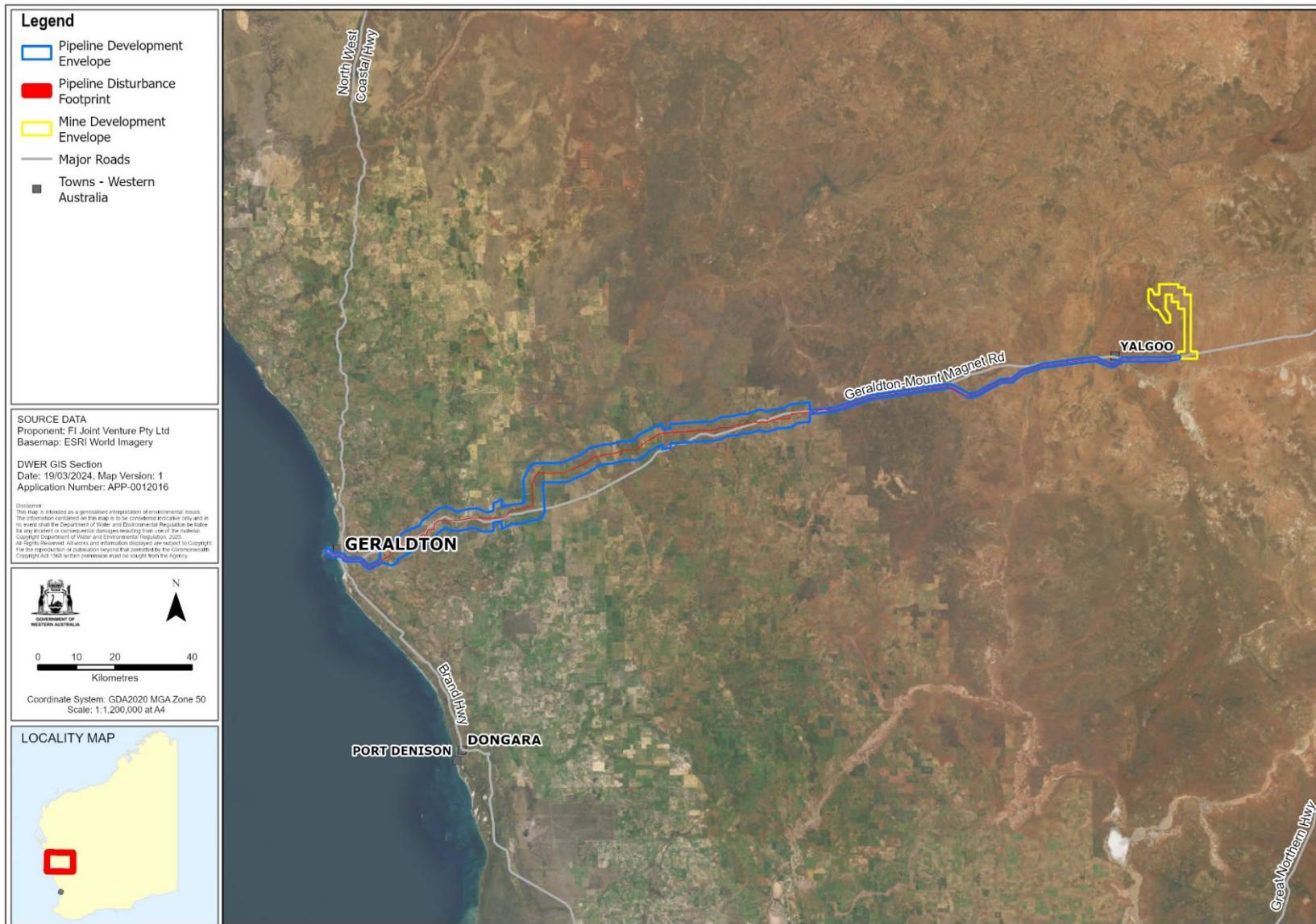
<b>Timing and Reporting requirements</b>	<p>The Timing and Reporting requirements are that the <b>authorised offsets</b>:</p> <ul style="list-style-type: none"> <li>a) were cancelled or retired between 1 January of the relevant period until 31 March in the year after the period ends (or such other date within that calendar year as agreed in writing by the CEO);</li> <li>b) have been identified as cancelled or retired in the relevant report as required by condition B6-5(1)(b)(iv);</li> <li>c) have not been identified as cancelled or retired in any prior report as required by condition B6-5(1)(b)(iv);</li> <li>d) have not been used to offset any <b>GHG emissions</b> other than <b>proposal GHG emissions</b>; and</li> <li>e) were not generated by avoiding <b>proposal GHG emissions</b>.</li> </ul>
<b>TJ</b>	Terajoule(s)
<b>Trench /Trenches</b>	Any excavation that is of sufficient depth that would cause vertebrate fauna to be become trapped and unable to escape and would include, but not be limited to, trenches or pits for utilities, pipelines, dewatering pits or bell holes.
<b>Trigger criteria</b>	Indicators that have been selected for monitoring to provide a warning that, if exceeded, the environmental outcome may not be achieved. They are intended to forewarn of the approach of the threshold criteria and trigger response actions.
<b>Threshold criteria</b>	The indicators that have been selected to represent limits of impact beyond which the environmental outcome is not being met.
<b>WA Wheatbelt Priority Ecological Community</b>	WA Wheatbelt Priority Ecological Community with dominant vegetation type 17 <i>Eucalyptus loxophleba</i> subsp. <i>supralaevis</i> open mallee woodland to woodland.

## Figures (attached)

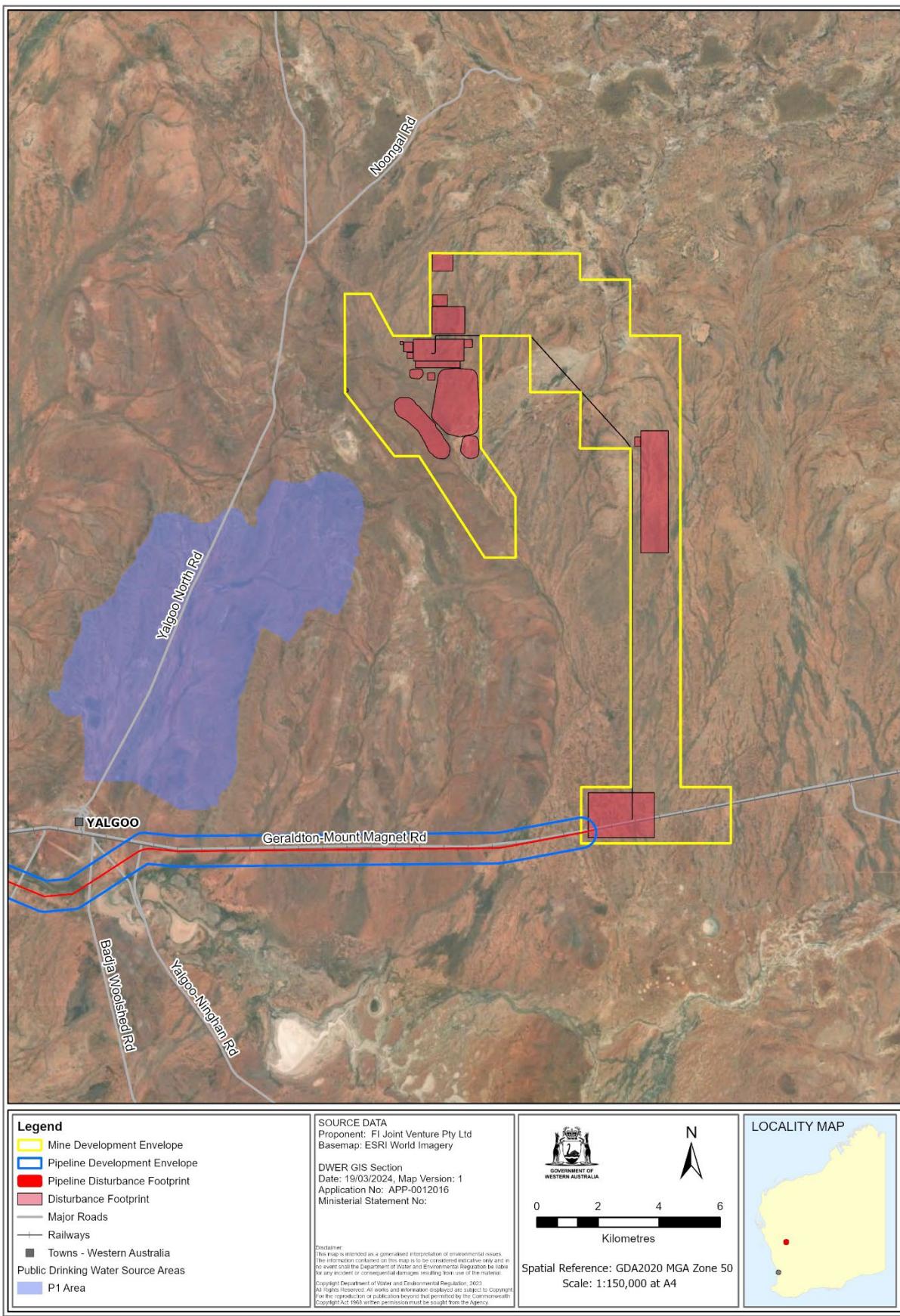
Figure 1 Yogi Magnetite Project proposal location (This figure is a representation of the co-ordinates referenced in Schedule 1)

Figure 2 Yogi Magnetite Project mine development envelope and disturbance footprint (This figure is a representation of the co-ordinates referenced in Schedule 1)

Figure 3 Terrestrial fauna habitats and exclusion zone in the mine development envelope (This figure is a representation of the co-ordinates referenced in Schedule 1)



**Figure 1 Yogi Magnetite Project proposal location**



Path: S:\Projects\EA\138\2017\_151365194836\YogiMagnetiteProject\3Assessment\ArcPro\Projects\YogiMagnetiteProject\YogiMagnetiteProject.aprx

**Figure 2 Yogi Magnetite Project mine development envelope and disturbance footprint**

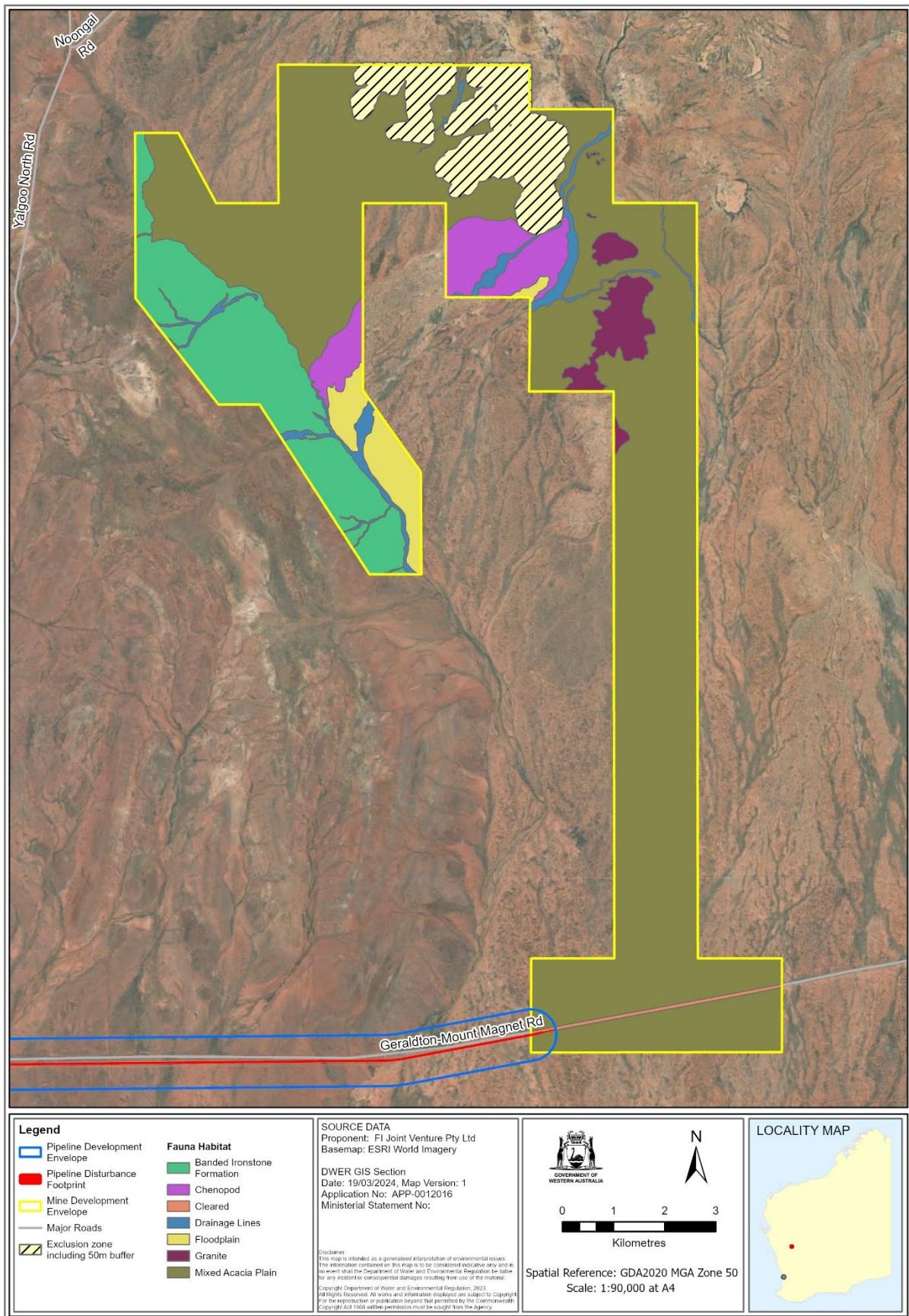


Figure 3 Terrestrial fauna habitats and exclusion zone in the mine development envelope

## **Schedule 1**

All co-ordinates are in metres, listed in Map Grid of Australia Zone 50 (MGA Zone 50), datum of Geocentric Datum of Australia 2020 (GDA2020).

Spatial data depicting the figures are held by the Department of Water and Environmental regulation. Record no. DWERT901724, DWERT921115 and DWERT921129.