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Published on: 16 June 2023

Statement No. 1203

**STATEMENT TO CHANGE THE IMPLEMENTATION CONDITIONS
APPLYING TO A PROPOSAL**

(Section 46 of the *Environmental Protection Act 1986*)

WEST PILBARA IRON ORE PROJECT – STAGE 1 MINE AREA

Proposal: The proposal is to develop eight iron ore deposits at five (5) locations between 35 and 85 kilometres (km) south of Pannawonica.

Proponent: API Management Pty Limited
Australian Company Number 112 677 595

Proponent Address: Level 14, 225 St Georges Terrace, Perth WA 6000

Report of the Environmental Protection Authority: 1741

Preceding Statement/s relating to this proposal: 881 and 1027

Introduction: Pursuant to section 45 of the *Environmental Protection Act 1986* as applied by section 46(8), it has been agreed that the implementation conditions set out in Ministerial Statement No.1027, be amended as specified in this Statement.

Condition 3 of Ministerial Statement 1027 is deleted and replaced with:**3 Time Limit for Proposal Implementation**

3-1 The proposal must be substantially commenced within five (5) years from the date of this Statement.

3-2 The proponent must provide to the **CEO** documentary evidence demonstrating that they have complied with condition 3-1 no later than fourteen (14) days after the expiration of period specified in condition 3-1.

3-3 If the proposal has not been substantially commenced within the period specified in condition 3-1, implementation of the proposal must not be commenced or continued after the expiration of that period.

Condition 7 of Ministerial Statement 1027 is deleted and replaced with:

7 Vegetation and Flora

- 7-1 The proponent shall ensure that the implementation of the proposal does not directly or indirectly **disturb** more than 149.2 ha of the ***Triodia pisolitica* PEC**.
- 7-2 The proponent shall undertake and complete regional floristic surveys within two (2) years of the commencement of mining to determine the presence and abundance of the ***Triodia pisolitica* PEC** to the satisfaction of the **CEO** on advice from **DBCA**.
- 7-3 The survey required under condition 7-2 shall be conducted in accordance with Environmental Protection Authority Technical Guidance 'Flora and Vegetation Surveys for Environmental Impact Assessment (December 2016) or its revisions and to the satisfaction of the **CEO**'.
- 7-4 A report on the survey required under condition 7-2 validating predictions on the proposed impacts on the ***Triodia pisolitica* PEC** shall be provided on completion to the **CEO**.
- 7-5 During construction, the proponent shall ensure the area of any **ground disturbing activities** is delineated spatially and marked in-situ to avoid exceeding the extent of the authorised clearing of ***Triodia pisolitica* PEC** in condition 7-1.
- 7-6 The proponent shall ensure access to areas that support the ***Triodia pisolitica* PEC**, within the development envelope, is restricted to personnel authorised to do so by the proponent.
- 7-7 The proponent shall monitor impacts due to dust deposition, saline water application for dust control, changed surface hydrology, weeds, fire and feral species, on the ***Triodia pisolitica* PEC** in the development envelope. This monitoring is to be carried out to the satisfaction of the **CEO** on advice from the **DBCA**.
- 7-8 In the event that the outcomes of condition 7-1 are not being met or are unlikely to be met, the proponent must:
- (1) report this to the **CEO** within seven (7) days;
 - (2) implement **contingency measures**;
 - (3) investigate the cause;
 - (4) investigate the environmental impacts;
 - (5) advise rectification measures to be implemented;

- (6) advise any other measures to be implemented to ensure no further impact; and
- (7) provide a report to the **CEO** within twenty-one (21) days of being aware that the outcomes of condition 7-1 are not being met, detailing the measures required in conditions 7-8(1) to 7-8(6) above.

Addition of Condition 12 of Ministerial Statement 1027:

12 Terrestrial Fauna

12-1 The proponent shall implement the proposal to meet the following environmental outcomes:

- (1) no adverse impact to the structural integrity, microclimate or capacity to support ghost bats (*Macroderma gigas*) of the seven (7) bat caves shown in Figure 5.

12-2 The proponent shall implement the proposal to meet the following environmental objective:

- (1) avoid, where possible, and otherwise minimise direct and indirect impacts to ghost bat (*Macroderma gigas*) within the development envelope.

12-3 The proponent shall update the Ghost Bat Management Plan (API-0000-EN-PLN-0009_1, December 2022), which shall:

- (1) demonstrate how the environmental outcomes in condition 12-1 and the objective of condition 12-2 are achieved;
- (2) be informed by geotechnical assessments, blast modelling and testing to determine the stability of the seven (7) caves as shown in Figure 5;
- (3) include buffers around the seven (7) caves depicted in Figure 5 which are based on the outcome of testing done under condition 12-3(2), and consider the full lateral extent of the cave structure;
- (4) define blast criteria, including ground vibration limits and ambient noise level limits, based on the outcome of testing done under condition 12-3(2), to meet the objective of protecting the structural integrity of ghost bat (*Macroderma gigas*) roost sites, to meet the environmental objective in condition 12-2(1);
- (5) include measures to restrict unauthorised access to the seven (7) caves as shown in Figure 5;

- (6) specify trigger criteria that will trigger the implementation of management and/or contingency actions to prevent direct or indirect impacts to ghost bat (*Macroderma gigas*);
 - (7) specify threshold criteria to demonstrate compliance with conditions 12-1 and 12-2;
 - (8) specify monitoring methodology to determine if trigger criteria and threshold criteria have been met;
 - (9) specify management and/or contingency actions which include changes to operations to be implemented if the trigger criteria required by condition 12-3(6) and/or the threshold criteria 12-3(7) have not been met;
 - (10) provide the format and timing for the reporting of monitoring results against trigger criteria and threshold criteria to demonstrate that conditions 12-1 and 12-2 have been met over the reporting period in the Compliance Assessment Report required by condition 4-6;
 - (11) be prepared in consultation with **DBCA**;
 - (12) provide evidence to support any management approach that is reliant on ghost bats returning to roost caves after **mining operations** have ceased; and
 - (13) where evidence cannot be provided to support the cave abandonment approach in condition 12-3(12), the management plan shall include measures to ensure that direct and indirect impacts to roost caves does not result in abandonment of the caves beyond the life of the proposal.
- 12-4 The proponent must not undertake any **ground disturbing activities** within 500m of the seven (7) caves depicted in Figure 5 until the **CEO** has confirmed in writing that the Ghost Bat Management Plan satisfies the requirements of condition 12- 3.
- 12-5 Without limiting condition 12-4, the Ghost Bat Management Plan shall be provided to the **CEO** within six (6) months from the date of this Statement.
- 12-6 The proponent shall implement the most recent version of the **confirmed** Ghost Bat Management Plan until the CEO has confirmed by notice in writing that the proponent has demonstrated that the environmental outcomes in condition 12-1 and objective detailed in condition 12-2 have been met.
- 12-7 In the event that the environmental outcomes in condition 12-1 are exceeded, or monitoring or investigations at any time indicate an exceedance of threshold criteria specified in the **confirmed** Ghost Bat Management Plan, the proponent shall:

- (1) report the exceedance in writing to the **CEO** within seven (7) days of the exceedance being identified;
- (2) implement the management or contingency actions required by condition 12-3(9) within seven (7) days of the exceedances being reported as required by condition 12-7(1) and continue implementation of those actions until the **CEO** has **confirmed** by notice in writing that it has been demonstrated that the threshold criteria are being met and implementation of the management and/or contingency actions are no longer required;
- (3) investigate to determine the cause of the threshold criteria being exceeded;
- (4) investigate to provide information for the **CEO** to determine potential environmental harm or alteration of the environment that occurred due to threshold criteria being exceeded;
- (5) provide a further report to the **CEO** within twenty-one (21) days of the exceedance being reported as required by condition 12-7(1) which shall include:
 - (a) details of management and/or contingency actions implemented;
 - (b) the effectiveness of the management and/or contingency actions implemented against the threshold criteria;
 - (c) the findings of the investigations required by conditions 12-7(3) and 12-7(4);
 - (d) measures to prevent the threshold criteria being exceeded in the future;
 - (e) measures to prevent, control or abate the environmental harm which may have occurred; and
 - (f) justification of the threshold criteria remaining, or being adjusted based on better understanding, demonstrating that outcomes will continue to be met.

12-8 Without limiting condition 12-6 (implementation of the plan) and notwithstanding compliance with condition 12-7 (response to exceedance), the proponent must not cause or allow:

- (1) a failure to implement one of more management and/or contingency actions, if the relevant threshold criteria have been exceeded;

- (2) the exceedance of a threshold criteria (regardless of whether the relevant management and/or contingency actions have been or are being implemented); and/or
- (3) a failure to comply with the requirements of the **confirmed** Ghost Bat Management Plan.

12-9 The proponent:

- (1) may review and revise the **confirmed** Ghost Bat Management Plan and submit it to the **CEO**; and
- (2) shall review and revise the **confirmed** Ghost Bat Management Plan and submit it to the **CEO** as and when directed by the **CEO**.

Addition of condition 13 of Ministerial Statement 1027:

13 Pilbara Environmental Offsets Fund

13-1 The proponent must contribute funds to the **Pilbara Environmental Offsets Fund** calculated pursuant to condition 13-2, to achieve the objective of counterbalancing the significant residual impacts to:

- (1) **‘Good’ to ‘Excellent’ condition native vegetation** within the Hamersley IBRA subregion within the Development Envelope;
- (2) Priority Ecological Communities in the Hamersley IBRA subregion;
- (3) riparian vegetation (including groundwater dependent vegetation) within the Hamersley IBRA subregion;
- (4) **critical ghost bat habitat** (*Macroderma gigas*) subject to any reduction approved by the **CEO** under condition 13-10; and
- (5) **supporting ghost bat habitat** (*Macroderma gigas*) subject to any reduction approved by the **CEO** under condition 13-10.

13-2 The proponent’s contribution to the **Pilbara Environmental Offsets Fund** must be paid biennially, with the amount to be contributed calculated based on the clearing undertaken in each year of the biennial reporting period in accordance with the rates in condition 13-3. The first biennial reporting period must commence from **ground disturbing activities** of the environmental value(s) identified in condition 13-3.

13-3 Calculated on the 2021-2022 financial year, the contribution rates are:

- (1) \$890 AUD (excluding GST) per hectare of **‘Good’ to ‘Excellent’ condition native vegetation**, cleared as a result of the proposal within the Hamersley **IBRA** subregion;

- (2) \$1,780 AUD (excluding GST) per hectare of Priority Ecological Communities **cleared** as a result of the proposal within the Hamersley **IBRA** subregion;
- (3) \$1,780 AUD (excluding GST) per hectare of riparian vegetation (including groundwater dependent vegetation) **cleared** as a result of the proposal within the Hamersley **IBRA** subregion;
- (4) \$1,780 AUD (excluding GST) per hectare of ghost bat (*Macroderma gigas*) critical habitat cleared as a result of the proposal within the Hamersley **IBRA** subregion; and
- (5) \$890 AUD (excluding GST) per hectare of ghost bat (*Macroderma gigas*) supporting habitat cleared as a result of the proposal within the Hamersley **IBRA** subregion.

13-4 The rates in condition 13-3 change annually each subsequent financial year in accordance with the percentage change in the **CPI** applicable to that financial year.

13-5 To achieve the objective in condition 13-1 the proponent must prepare a West Pilbara Iron Ore Project – Stage 1 Mine Area Impact Reconciliation Procedure to the satisfaction of the **CEO** within six (6) months of the date of this Statement. This procedure must:

- (1) spatially define the environmental value(s) identified in condition 13-1;
- (2) spatially define the areas where offsets required by condition 13-1 are to be exempt;
- (3) include a methodology to calculate the amount of clearing undertaken during each year of the biennial reporting period for each of the environmental values identified in condition 13-3;
- (4) state that clearing calculation for the first biennial reporting period will commence from ground disturbing activities in accordance with condition 13-2 and end on the second 30 June following commencement of ground disturbing activities;
- (5) state that clearing calculations for each subsequent biennial reporting period will commence on 1 July of the required reporting period, unless otherwise agreed by the **CEO**;
- (6) be prepared in accordance with Instructions on how to prepare Environmental Protection Act 1986 Part IV Impact Reconciliation Procedures and Impact Reconciliation Reports (or any subsequent revisions).

- 13-6 The proponent:
- (1) may review and revise the **confirmed** Impact Reconciliation Procedure;
 - or
 - (2) shall review and revise the **confirmed** Impact Reconciliation Procedure as and when directed by the **CEO** by a notice in writing.
- 13-7 The proponent must cease to implement any revisions which the **CEO** notifies the proponent (at any time) in writing may not be implemented.
- 13-8 The proponent must submit an Impact Reconciliation Report in accordance with the **confirmed** Impact Reconciliation Procedure in condition 13-5.
- 13-9 The Impact Reconciliation Report required pursuant to condition 13-6 must provide the location and spatial extent of the clearing undertaken as a result of the proposal during each year of each biennial reporting period.
- 13-10 The proponent may apply in writing and seek the written approval of the **CEO** to reduce all or part of the contribution payable under condition 13-2 where:
- (1) a payment has been made to satisfy a condition of an approval under the *Environment Protection and Biodiversity Conservation Act 1999* in relation to the proposal; and
 - (2) the payment is made for the purpose of counterbalancing impacts of the proposal on matters of national environmental significance.
- 13-11 The **CEO** may grant approval to discount the amount payable under condition 13-1(3) if the **CEO** is satisfied that the payment will offset the significant residual impacts of the proposal.
- 13-12 Failure to implement a **confirmed** Impact Reconciliation Procedure or submit an Impact Reconciliation Report as required by condition 13-8 represents a non-compliance with these conditions.

Addition of Condition 14 of Ministerial Statement 1027:

14 Aboriginal Cultural Heritage

- 14-1 The proponent must implement the proposal to meet the following environmental outcome:
- (1) subject to reasonable health and safety requirements, no interruption of ongoing access to land utilised for traditional use or custom by the Robe River Kuruma (RRK) and the Puutu Kunti Kurrama Pinikura (PKKP) People.

- 14-2 The proponent must implement the proposal to meet the following environmental objectives:
- (1) avoid, where practicable, and otherwise minimise direct disturbance to **Aboriginal cultural heritage** sites;
 - (2) avoid, where possible, and otherwise minimise indirect impacts to **Aboriginal cultural heritage** within and surrounding the development envelope; and
 - (3) ongoing consultation and engagement with Traditional Owners about achievement of the outcomes and objectives in conditions 14-1 and conditions 14-2 for the life of the proposal.
- 14-3 The proponent must, in consultation with the RRK people, prepare a Cultural Heritage Management Plan that demonstrates how achievement of environmental outcomes related to **Aboriginal cultural heritage** will be substantiated, how **Aboriginal cultural heritage** objectives will be achieved, and satisfies the requirements of condition 14-1 and condition 14-2, and submit it to the **CEO**.
- 14-4 The proponent must not undertake **ground disturbing activities** within the **RRK native title determination area** that may result in any impact to **Aboriginal cultural heritage** until the **CEO** has confirmed in writing that the Cultural Heritage Management Plan required by condition 14-3 meets the requirements of condition 14-3.
- 14-5 Prior to the commencement of **ground disturbing activities** within the **PKKP native title determination area**, the proponent must, in consultation with the PKKP people, prepare a Cultural Heritage Management Plan that demonstrates how achievement of environmental outcomes related to **Aboriginal cultural heritage** will be substantiated, how **Aboriginal cultural heritage** objectives will be achieved, and satisfies the requirements of conditions 14-1 and condition 14-2, and submit it to the **CEO**.
- 14-6 Upon being required to implement the Cultural Heritage Management Plan(s) under condition 14-3 or condition 14-5, or after receiving notice in writing from the **CEO** under condition 14-3 or condition 14-5 that the environmental management plan(s) required in condition 14-3 or condition 14-5 satisfies the relevant requirements, the proponent must:
- (1) implement the most recent version of the **confirmed** Cultural Heritage Management Plan(s); and
 - (2) continue to implement the **confirmed** Cultural Heritage Management Plan(s) referred to in condition 14-6(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 Cultural Heritage Management Plan(s) 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.

14-7 The proponent:

- (1) may review and revise the **confirmed** Cultural Heritage Management Plan(s) provided it meets the relevant requirements of that environmental management plan, including any consultation that may be required when preparing the Cultural Heritage Management Plan(s); and
- (2) must review and revise the **confirmed** Cultural Heritage Management Plan(s) and ensure it meets the relevant requirements of that Cultural Heritage Management Plan, including any consultation that may be required when preparing the environmental management plan, as and when directed by the CEO.

14-8 The proponent must cease to implement any revisions of the **confirmed** Cultural Heritage Management Plan(s) which the CEO notifies the proponent (at any time) in writing may not be implemented.

14-9 Subject to condition 14-8, **confirmed** Cultural Heritage Management Plans, and any revised Cultural Heritage Management Plans under condition 14-7, 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).

14-10 If the **confirmed** Cultural Heritage Management Plans referred to in condition 14-9 contain sensitive Aboriginal cultural knowledge, the proponent may submit a request for approval from the **CEO** to not make elements of the plans publicly available. In making such a request the proponent shall provide the **CEO** with an explanation and reasons why the information should not be made publicly available.

Addition of Condition 15 of Ministerial Statement 1027

15 Greenhouse Gas Emissions

15-1 Subject to condition 15-2 the proponent shall take measures to ensure that **net GHG emissions** do not exceed:

- (1) 93,678 tonnes of CO₂-e for the period until 30 June 2024;
- (2) 1,770,978 tonnes of CO₂-e for the period between 1 July 2024 and 30 June 2029;

- (3) 1,270,677 tonnes of CO₂-e for the period between 1 July 2029 and 30 June 2034;
- (4) 929,763 tonnes of CO₂-e for the period between 1 July 2034 and 30 June 2039;
- (5) 597,705 tonnes of CO₂-e for the period between 1 July 2039 and 30 June 2044;
- (6) 265,647 tonnes of CO₂-e for the period between 1 July 2044 and 30 June 2049;
- (7) 13,282 tonnes of CO₂-e for the period between 1 July 2049 and 30 June 2050; and
- (8) zero tonnes of CO₂-e for every five (5) year period from 1 July 2050 onwards.

15-2 Where the time between the **commencement of operations** and the end of a period specified in condition 15-1 is less than five (5) years, the **net GHG emissions** limit for that period is to be determined in accordance with the following formula:

$$\text{Reduced net GHG emissions limit} = (A \div 1825) \times B$$

Where:

A is the **net GHG emissions** limit for the period as specified in condition 15-1.

B is the number of days between the **commencement of operations** and the end of the relevant period specified in condition 15-1.

15-3 Within six (6) months of commencing **ground disturbing activities**, and prior to the commencement of **mining operations**, or such lesser time approved in writing by the **CEO**, the proponent shall develop, and submit to the **CEO**, a Greenhouse Gas Emissions Environmental Management Plan to:

- (1) be consistent with the achievement of the **net GHG emissions** limits in condition 15-1 subject to the adjustment provided for in condition 15-2 (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 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 15-3(4); and
 - (b) identify and describe options for future measures that the proponent may or could implement to avoid, reduce, and/or offset **proposal GHG emission** and/or reduce the **emissions intensity** of the proposal.

15-4 The proponent:

- (1) may revise and submit to the **CEO** the **confirmed** Greenhouse Gas Emissions Environmental Management Plan at any time;
- (2) must revise and submit to the **CEO** the **confirmed** Greenhouse Gas Environmental Management Plan if there is a material risk that condition 15-1 will not be complied with, including but not limited to as a result of a change to the proposal;
- (3) 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 15-9(1) and every five (5) years after that date; and
- (4) must revise and submit to the **CEO** the **confirmed** Greenhouse Gas Environmental Management Plan as and when directed to by the **CEO**.

15-5 Within one (1) month of receiving confirmation in writing from the CEO that:

- (1) the Greenhouse Gas Environmental Management Plan referred to in condition 15-3 has been revised and satisfies condition 15-3; or
- (2) any subsequent version of the **confirmed** Greenhouse Gas Environmental Management Plan submitted under condition 15-4 satisfies condition 15-3;

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 15-3(1) to condition 15-3(4); and
- (4) be published as required by condition 15-10(2).

- 15-6 The proponent shall implement the most recent version of the **confirmed** Greenhouse Gas Environmental Management Plan until the **CEO** has confirmed by notice in writing that it has been demonstrated that the **net GHG emission** limits in condition 15-1 have been met.
- 15-7 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.
- 15-8 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 15-7(1) and condition 15-7(2);
 - (b) for the period specified in condition 15-1 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 15-8(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 15-8(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.
- 15-9 A consolidated report referred to in condition 15-8(1) must be accompanied by:

- (1) a revision of the **confirmed** Greenhouse Gas Environmental Management Plan under condition 15-4(3); and
- (2) a separate summary report, for the period specified in condition 15-1 that ended on 30 June of the year before the report is due and any previous periods specified in condition 15-1, and which includes:
 - (a) a graphical comparison of **net GHG emissions** with the **net GHG emissions** limits detailed in condition 15-1 (subject to the adjustment provided for in condition 15-2);
 - (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 15-1; and
 - (d) a clear statement as to whether limits for **net GHG emissions** set out in condition 15-1 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.

15-10 The proponent shall make the **confirmed** Greenhouse Gas Environmental Management Plan, the summary of that plan, and all reports required by this condition 15 publicly available on the proponent's website within the timeframes specified below for the life of the proposal, or in any other manner or time specified by the **CEO**:

- (1) any **confirmed** Greenhouse Gas Environmental Management Plan, within two (2) weeks of receiving written confirmation from the **CEO** as referred to in condition 15-3;
- (2) the summary of any **confirmed** Greenhouse Gas Environmental Management Plan referred to in condition 15-5 and the reports referred to in condition 15-7, condition 15-8, and condition 15-9 within two (2) weeks of submitting the document to the **CEO**.

[signed on 16 June 2023]

Hon Reece Whitby MLA
MINISTER FOR ENVIRONMENT; CLIMATE ACTION

Affected decision-making authorities consulted under section 46(8A):

Minister for Water; Minister for Aboriginal Affairs; Minister for Mines and Petroleum

Table 1: Abbreviations and definitions

Acronym or abbreviation	Definition or term
Aboriginal cultural heritage	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.
Authorised offsets	Units representing GHG emissions 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: (a) Australian Carbon Credit Units issued under the <i>Carbon Credits (Carbon Farming Initiative) Act 2011</i> (Cth); (b) Verified Emission Reductions issued under the Gold Standard program; (c) Verified Carbon Units issued under the Verified Carbon Standard program; or (d) other offset units that the Minister has notified the proponent in writing meet integrity principles and are based on clear, enforceable and accountable methods.
CEO	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 CEO's delegate.
Commencement of operations	Means commencing operation of the plant infrastructure for the proposal and includes pre-commissioning, commissioning, start-up and operation of the plant infrastructure for the proposal.
Confirmed	In relation to a plan required to be made and submitted to the CEO , means, at the relevant time, the plan that the CEO confirmed, by notice in writing, meets the requirements of the relevant condition. In relation to a plan required to be implemented without the need to be first submitted to the CEO , means that plan until it is revised, and then means, at the relevant time, the plan that the CEO confirmed, by notice in writing, meets the requirements of the relevant condition.
Contingency measures	Planned actions for implementation if it is identified that an environmental outcome is not likely to be or is not being met. Contingency measures include changes to operations or reductions in disturbance or adverse impacts 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.

Acronym or abbreviation	Definition or term
CPI	The Consumer Price Index numbers for Perth compiled and published by the Australian Bureau of Statistics.
DBCA	The government agency responsible for the administration of the <i>Biodiversity Conservation Act 2016</i> , which at the time of publication of this Ministerial Statement is the Department of Biodiversity, Conservation and Attractions.
Disturb	<p>Flora – result in death, destruction, removal, severing or doing substantial damage to.</p> <p>Fauna – has the effect of altering the natural behaviour of fauna to its detriment.</p> <p>Direct – causes or immediately has the disturbance effect.</p> <p>Indirect – materially contributes to the disturbance effect.</p>
Emissions intensity	Proposal GHG emissions per tonnes per annum of ore produced, or such other production value determined by the CEO as applicable to allow comparison with other producers.
EP Act	<i>Environmental Protection Act 1986.</i>
GHG emissions	Greenhouse gas emissions expressed in tonnes of carbon dioxide equivalent (CO ₂ -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.
'Good' to 'Excellent' condition native vegetation	Means the condition of native vegetation rated in accordance with the <i>Technical Guidance – Flora and vegetation surveys for environmental impact assessment (EPA 2016)</i> including any revision to this Technical Guidance.
Greenhouse gas or GHG	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.
Ground disturbing activities	Any activity undertaken in the implementation of the proposal, including any clearing, civil works or construction, other than preliminary works to which approval has been given under the EP Act
Ha	Hectare
IBRA	Interim Biogeographic Regionalisation for Australia

Acronym or abbreviation	Definition or term
Mining operations	Means any mode or method of working whereby the earth or any rock structure stone fluid or mineral bearing substance may be disturbed removed washed sifted crushed leached roasted distilled evaporated smelted combusted or refined or dealt with for the purpose of obtaining any mineral or processed mineral resource therefrom whether it has been previously disturbed or not (<i>Mining Act 1978</i>).
PKKP Native title determination area	The area of land as defined in Schedule 1 and Schedule 2 of National Native Title Tribunal Number: WCD2015/003 .
Net GHG emissions	Proposal GHG emissions for a period less any reduction in GHG emissions represented by the cancellation or retirement of authorised offsets which comply with the Reporting Requirements.
Pilbara Environmental Offsets Fund	A special purpose account created pursuant to section 16(1)(d) of the <i>Financial Management Act 2006</i> by the Department of Water and Environmental Regulation.
Proposal GHG emissions	GHG emissions 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.
RRK Native title determination area	The area of land as defined in Schedule 1 and Schedule 2 of National Native Title Tribunal Number: WCD2018/003 .
<i>Triodia pisolitica</i> PEC	<p><i>Triodia pisolitica</i> Priority Ecological Community.</p> <p>Means the <i>Triodia pisolitica</i> (previously <i>Triodia</i> sp. Robe River) assemblages of mesas of the West Pilbara, Priority Ecological Community. This community is typically restricted to mesas and cordillo landforms where the plant assemblages are dominated by or contain <i>Triodia pisolitica</i> and are indicative of inverted landscapes; that is, where <i>Triodia pisolitica</i> occurs in combination with species that are considered ‘out-of-context’ from their normal habitat.</p> <p>The community is a combination of <i>Triodia pisolitica</i> with <i>Acacia pruinocarpa</i>, <i>A. citrinoviridis</i> on slopes or peaks of mesas. These two <i>Acacias</i> are generally found associated with Pilbara creeklines, and their occurrence is probably indicative of the genesis of the mesa surfaces in wetlands, then erosion of the landscape and ‘inversion of the landscape’ such that the mesa slopes and peaks that were previously low in the landscape become high points.</p>

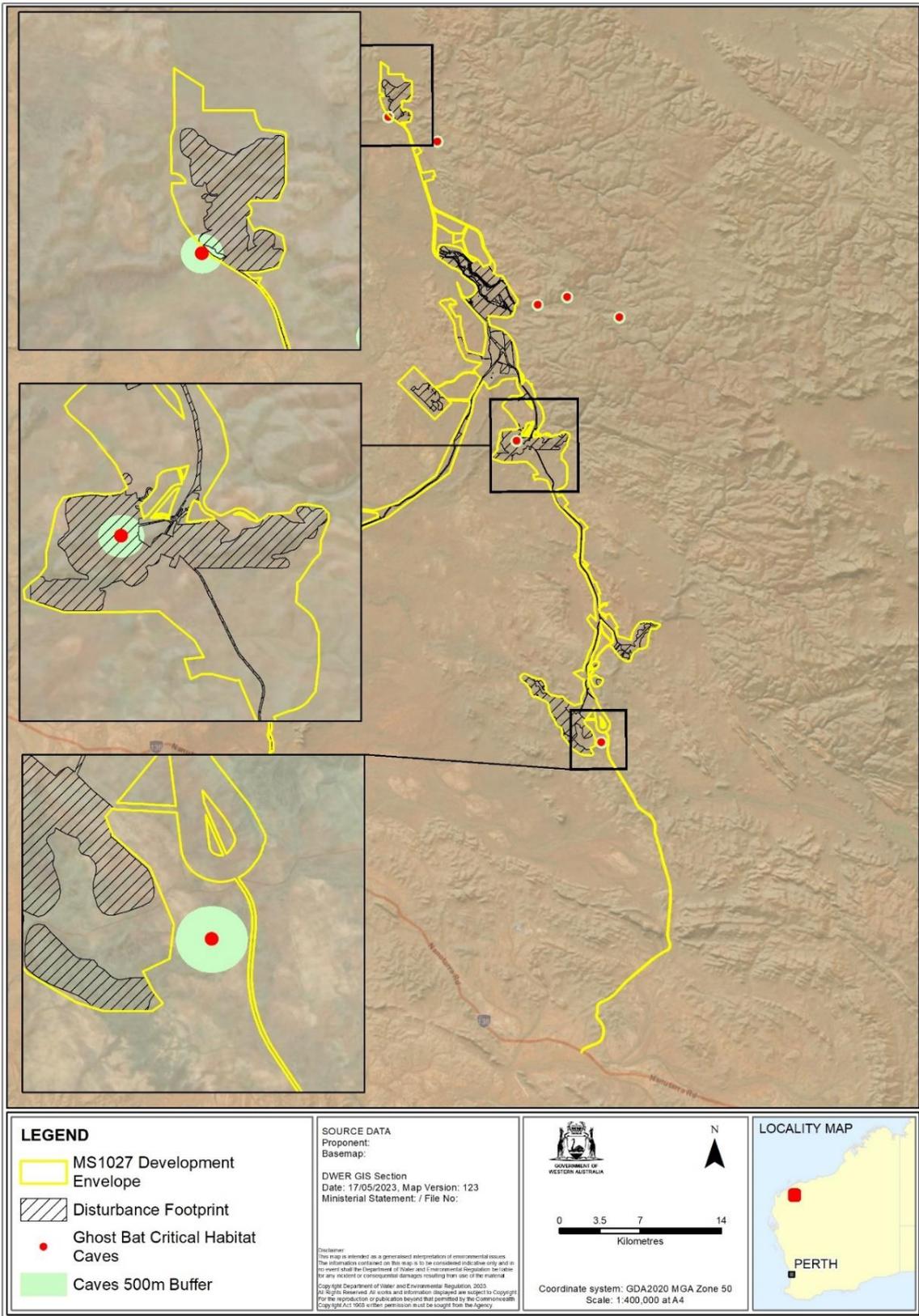


Figure 5: Location of the seven (7) critical ghost bat caves within and proximal to the development envelope