

Condition Number	Condition
14.1	In view of the significant residual impacts and risks as a result of implementation of the proposal, the proponent shall contribute funds for the clearing of 'Good to Excellent' condition native vegetation , including the loss of habitat for conservation significant species, in the Chichester IBRA subregion, and calculated pursuant to condition 14-2. This funding shall be provided to the Pilbara Environmental Offsets Fund or an alternative offset arrangement providing an equivalent outcome as determined by the Minister .
14.2	<p>The proponent's contribution to the Pilbara Environmental Offsets Fund shall be paid biennially, the first payment due on the 31 May following the end of the first biennial period. The amount of funding will be made on the following basis, with contribution rates calculated on the 2023-2024 financial year, and in accordance with the approved Impact Reconciliation Procedure required by condition 14-6:</p> <ol style="list-style-type: none"> i. \$932 AUD (excluding GST) per hectare of 'Good to Excellent' condition native vegetation, including supporting habitat for the Northern quoll (<i>Dasyurus hallucatus</i>), Pilbara olive python (<i>Liasis olivaceus barroni</i>), Ghost bat (<i>Macroderma gigas</i>) and Pilbara leaf-nosed bat (<i>Rhinioncteris aurantia</i>), cleared within the Mine Development Envelope within the Chichester IBRA subregion; ii. \$932 AUD (excluding GST) per hectare of 'Good to Excellent' condition native vegetation cleared within the Water Corridor Development Envelope and Slurry Corridor Development Envelope within the Chichester IBRA subregion; iii. \$1,864 AUD (excluding GST) per hectare of critical habitat for the Northern quoll (<i>Dasyurus hallucatus</i>), Pilbara olive python (<i>Liasis olivaceus barroni</i>), Ghost bat (<i>Macroderma gigas</i>) and Pilbara leaf-nosed bat (<i>Rhinioncteris aurantia</i>) cleared within the Mine Development Envelope within the Chichester IBRA subregion; and iv. \$1,864 AUD (excluding GST) per hectare of vegetation types supporting populations of Quoya zonalis cleared within the Mine Development Envelope within the Chichester IBRA subregion.
14.3	Clearing within the Mine Development Envelope, Water Corridor Development Envelope and Slurry Corridor Development Envelope previously completed prior to issue under superseded Ministerial Statement 993 is exempt from the requirement to offset under condition 14-2.
14.4	The real value of contributions described in condition 14-2 will be maintained through indexation to the Perth Consumer Price Index (CPI), with adjustment applied annually in accordance with the percentage change in the CPI applicable to that calendar year.
14.5	Should the proponent be required to provide an offset under a condition of approval of the Australian Government under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> , the proponent may write to the CEO seeking a reduction in the funding required under condition 14-2.
14.6	The proponent shall prepare an Impact Reconciliation Procedure and submit to the CEO for approval.
14.7	<p>The Impact Reconciliation Procedure required pursuant to condition 14-6 shall:</p> <ol style="list-style-type: none"> i. spatially define the environmental value(s) identified in condition 14.2; ii. spatially define the areas where offsets required by condition 14.2 are to be exempt; iii. include a methodology to calculate the amount of clearing undertaken during each year of the biennial reporting period for each of the environmental value(s) identified in condition 14.2; iv. require the proponent to submit spatial data delineating areas of environmental value(s) identified in 14.2 that has been cleared during each year of the biennial reporting period; v. state the first biennial time period commences on commencement of ground disturbance activities and end on the on the second 31 December following commencement of ground disturbance activities, and the due date for submitting the results of the Procedure for approval of the CEO as 31 March following the end of the first biennial period; vi. state that clearing calculations for each subsequent biennial reporting period will commence on 1 January of the required reporting period, and

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	vii. be prepared in accordance with <i>Instructions on how to prepare Environmental Protection Act 1986 Part IV Impact Reconciliation Procedures and Impact Reconciliation Reports</i> (or any subsequent revisions).
14.8	The proponent must submit an Impact Reconciliation Report in accordance with the Impact Reconciliation Procedure approved by the CEO .
14.9	The Impact Reconciliation Report required pursuant to condition 14.8 must provide the location and spatial extent of the clearing undertaken within each of the environmental value(s) identified in condition 14.2 as a result of the proposal during each year of each biennial reporting period.
14.10	<p>If the proponent becomes aware on reasonable grounds that the Pilbara Environmental Offsets Fund is not likely to contribute to the improvement of critical habitat for Ghost bat (<i>Macroderma gigas</i>) and Pilbara leaf-nosed bat (<i>Rhinonicteris aurantia</i>), the proponent must submit to the CEO, within twelve (12) months of becoming aware, a North Star Offset Strategy which demonstrates how the residual significant impacts to critical habitat will be offset to meet the following environmental objectives:</p> <ul style="list-style-type: none"> i. counterbalance the significant residual impacts to critical habitat yet to be cleared for the Ghost bat (<i>Macroderma gigas</i>) and Pilbara leaf-nosed bat (<i>Rhinonicteris aurantia</i>); ii. contribute to reducing the rate of decline in the Ghost bat (<i>Macroderma gigas</i>) and Pilbara leaf-nosed bat (<i>Rhinonicteris aurantia</i>); and iii. contribute to the improvement of critical habitat for the Ghost bat (<i>Macroderma gigas</i>) and Pilbara leaf-nosed bat (<i>Rhinonicteris aurantia</i>).
14.11	<p>The North Star Offset Strategy must:</p> <ul style="list-style-type: none"> i. demonstrate that the environmental objectives in condition 14.10 will be met; ii. have regard to the conservation advice, recovery plans and threat abatement plans relevant to the Ghost bat (<i>Macroderma gigas</i>) and Pilbara leaf-nosed bat (<i>Rhinonicteris aurantia</i>); iii. identify an area, or areas, (the Proposed Offset Conservation Area) to be protected, to be protected with on-ground management, and/or for on-ground management, and contains critical habitat for the Ghost bat (<i>Macroderma gigas</i>) and Pilbara leaf-nosed bat (<i>Rhinonicteris aurantia</i>); iv. demonstrate how the critical habitat for the Ghost bat (<i>Macroderma gigas</i>) and Pilbara leaf-nosed bat (<i>Rhinonicteris aurantia</i>) within the Proposed Offset Conservation Areas will be maintained and improved or managed in order to counterbalance significant residual impacts and achieve the environmental outcomes and objectives in condition 14.10; v. demonstrate application of the principles of the <i>WA Environmental Offsets Policy</i>, the <i>WA Environmental Offsets Metric</i> and the <i>WA Offsets Template</i>, as described in the <i>WA Environmental Offsets Guidelines</i>, and the <i>Environmental Protection and Biodiversity Conservation Act 1999 Environmental Offsets Policy Assessment Guide</i>, or any subsequent revisions of these documents; vi. identify the proportion of resources allocated for each specific offset addressed by the North Star Offset Strategy; vii. identify how the ongoing performance of the offset measures, and whether they are achieving the outcomes and objectives in condition 14.10, will periodically be made publicly available; viii. identify how the Proposed Offset Conservation Areas will be protected under suitable mechanism for the purpose of conservation as agreed by the CEO by notice in writing; ix. for offsets protected specify: <ul style="list-style-type: none"> a a timeframe and works associated with establishing the Proposed Offset Conservation Areas, including a contribution for maintaining the offset for at least twenty (20) years after execution of the approved mechanism for conservation purpose; and b identify the relevant management body for the on-going management of the Proposed Offset Conservation Areas, including its role, and the role of the

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proponent, and confirmation in writing that the **relevant management body** accepts responsibility for its role.

- x. 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 value(s)** being offset. For revegetation offsets this must include, but not be limited to:
 - 1 fauna target densities;
 - 2 breeding/foraging fauna habitat achieved;
 - 3 completion criteria to measure (at a minimum)
 - 4 abundance/distribution, habitat structure and vegetation condition; and
 - 5 adaptive management to inform successful habitat revegetation for the species listed in condition Ghost bat (*Macroderma gigas*) and Pilbara leaf-nosed bat (*Rhinionictoris aurantia*).
 - b demonstrate the consistency of the targets with environmental outcomes and objectives in condition 14.10 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 14.11(x)(a); and
 - d detail the monitoring, reporting and evaluation mechanisms for the targets and actions identified under condition 14.11(x)(a) and condition 14.11(x)(c).
- xi. where a **research offset** is proposed, 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 a positive conservation outcome, 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 Ghost bat (*Macroderma gigas*) and Pilbara leaf-nosed bat (*Rhinionictoris aurantia*).
 - c demonstrate the consistency of the objectives in condition 14.11(xi)(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 **protected** 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 14.11(xi)(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:
 - 1 demonstration of the track record, experience, qualifications and competencies of the proposed third party to carry out the work and achieve the outcomes.

Definitions for inclusion (based on the above)

Term	Definition
Protected	The protection of environmental values on an area of initially unprotected land for the purpose of conservation through improved security of tenure or restricting the use of land. This includes upfront costs of establishing the offset site and the on-going management of costs of maintaining the offset for the long term (20 years).
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.
Conservation advice	Conservation advice made or adopted by the Australian Government Minister for Environment under the <i>Environment Protection and Biodiversity Conservation Act 1999</i>
CPI	The All Groups Consumer Price Index numbers for Perth compiled and published by the Australian Bureau of Statistics.
Critical habitat	Means all areas identified as Significant habitat for the Northern quoll (<i>Dasyurus hallucatus</i>), Pilbara olive python (<i>Liasis olivaceus barroni</i>), Ghost bat (<i>Macroderma gigas</i>) and Pilbara leaf-nosed bat (<i>Rhinonictoris aurantia</i>) within the ecologia (2011) <i>North Star Project Targeted Conservation Significant Fauna Survey</i> and Gorge/Gullies and Rocky Escarpments habitat types identified in Spectrum Ecology (2021) <i>Glacier Valley Terrestrial Vertebrate Fauna Assessment</i> .
Environmental value	A beneficial use, or ecosystem health condition as identified in condition 14.2.
'Good to Excellent' condition native vegetation	Means native vegetation that has been rated 'good', 'excellent' or any value between these ratings, in accordance with the <i>Technical Guidance – Flora and Vegetation Surveys for Environmental Impact Assessment</i> (EPA 2016) including any revision to this technical guidance
Ground disturbing activities	Any activity or activities undertaken in the implementation of the proposal, including any clearing, civil works or construction.
IBRA	Interim Biogeographic Regionalisation for Australia
Mine Development Envelope	As delineated in Figure 1 and defined by the geographic coordinates in Schedule 2
On-ground management	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 tangible improvement to the environmental values in the offset area.
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.
Proposed Offset Conservation Area	The area of land identified in condition 14.11(iii).
Recovery plans	Recovery plans made or adopted by the Australian Government Minister for Environment under the <i>Environment Protection and Biodiversity Conservation Act 1999</i>
Relevant management body	A party or parties that has a role in the establishment and/or on-going management of the Proposed Offset Conservation Area . Note: This includes the role of the proponent.

Term	Definition
Research offset	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.
Slurry Corridor Development Envelope	As delineated in Figure 3 and defined by the geographic coordinates in Schedule 2
Tangible improvement	A perceptible, measurable and definable improvement that provides additional ecological benefit and/or value.
Threat abatement plans	Threat abatement plans made or adopted by the Australian Government Minister for Environment under the <i>Environment Protection and Biodiversity Conservation Act 1999</i>
Vegetation types supporting populations of <i>Quoya zonalis</i>	Includes all areas within vegetation types (VT) within: <ul style="list-style-type: none"> • MDE <ul style="list-style-type: none"> ○ ecologia (2012) <i>North Star Vegetation and Flora Assessment</i> VTs: AaTw1, AaTw2, AaTw3, AaTw4, AiTb, AoTw, Ap, ApTp, At, AtEm, AtTw, ElApEm, ElApTw, GwTe, SpTI, TI, Tp, Tw1, Tw2, Tw4; and ○ Ecoscape (2018) <i>Glacier Valley Extension Flora and Vegetation Survey, North Star Project</i> VTs: AaTw1, AaTw2, AbTw, AiTw, ChAaTI, EITw, EvAtCc • MDE Extension <ul style="list-style-type: none"> ○ Ecoscape (2020) <i>North Star Extension Flora and Vegetation Survey – Iron Bridge</i> VTs: AiTb, AoTb, ElAaTw, ElAiTw1, ElAiTw2, ElApTw, ElAtTw1, ElAtTw2, EvApTI
Water Corridor Development Envelope	As delineated in Figure 2 and defined by the geographic coordinates in Schedule 2