



Notification of approval decision

Sorby Hills Silver-Lead-Zinc Project, North-East Kimberley region of Western Australia EPBC 2023/09576


This decision is made under section 130(1) and 133(1) of the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). Note that section 134(1A) of the EPBC Act also applies to this approval. That provision provides, in general terms, that if the approval holder authorises another person to undertake any part of the Action, the approval holder must take all reasonable steps to ensure that the other person is informed of any conditions attached to this approval, and that the other person complies with any such conditions.

Approved Action

person to whom the approval is granted (approval holder)	Sorby Management Pty Ltd ACN 145292486
Action	To construct and operate an open cut mining extension, including a tailings storage facility, evaporation pond, borrow pit, and ancillary infrastructure, Moonamang Road, 50km north-east of Kununurra, Western Australia. See EPBC Act referral 2023/09576.

Approval decision

Decision	My decision on whether or not to approve the taking of the Action for the purposes of the controlling provision for the Action is as follows.	
	Controlling Provision	Decision
	Listed threatened species and communities (section 18 and section 18A)	Approved
	Listed migratory species (section 20 and section 20A)	Approved
period for which the approval has effect	This approval has effect until 1 August 2045.	

Conditions of approval	The approval is subject to conditions under the EPBC Act as set out in Annexure A.
Person authorised to make decision	
name and position	Kylie Calhoun Branch Head Environment Assessments West Branch
signature	
date of decision	29 August 2025

Annexure A

Note: Words and terms appearing in **bold** (excluding headings) have the meaning assigned to them at **Part C – Definitions**.

Part A – Avoidance, mitigation, and compensation conditions

CLEARING LIMITS

- 1) The approval holder must not:
 - a) **Clear** outside of the **development envelope**.
 - b) **Construct** outside of the **development envelope**.
- 2) The approval holder must not **clear** more than:
 - a) 16.1 hectares (ha) of **Gouldian Finch foraging and breeding habitat**.
 - b) 562.4 ha of **Australian Painted Snipe foraging habitat**.
 - c) 12.5 ha of **Crested Shrike-tit (northern) foraging habitat**.
- 3) The approval holder must not **clear** or **construct** within the **Northern Quoll habitat exclusion zone**.

ACTION MANAGEMENT PLANS

Fauna, Habitat and Offset Management Plan

- 4) The approval holder must submit to the **department** for approval by the **Minister**, a Fauna, Habitat and Offset Management Plan (FHOMP). The FHOMP must:
 - a) be prepared by a **suitably qualified environmental professional**,

- b) be consistent with the **Environmental Offsets Policy** and the **Environmental Management Plan Guidelines**,
- c) include commitments, environmental outcomes, management measures, corrective actions, trigger values and performance indicators that are **SMART** and are based on referenced or included evidence of effectiveness,
- d) include measures to avoid and mitigate **harm** as a result of the Action on **protected matters**, including, but not limited to:
 - i) detailed baseline information on **protected matter** habitat and **habitat quality** in the **development envelope**,
 - ii) a summary of the potential impacts of the Action on **protected matters**, including an assessment of associated risks,
 - iii) a detailed specification of environmental performance objectives and targets applicable to **protected matters**,
 - iv) avoidance and mitigation measures that will be implemented by the approval holder to minimise the impact of the Action on **protected matters**, taking into account threatening processes,
 - v) a specification of how the effectiveness of the avoidance, mitigation and management measures will be monitored, including the methodology, frequency and duration of monitoring activities,
 - vi) a framework for annual reporting to the **department** on the effectiveness of implementation of the FHOMP.
- e) Include a strategy and measures to compensate for the residual significant impacts of the Action on the **Gouldian Finch, Australian Painted Snipe** and **Crested Shrike-tit (northern)**, including but not limited to:
 - i) detailed information on the residual impacts to **protected matters** that will be compensated for by the offset, including all areas of habitat, and the **habitat quality**, for **protected matters** at all locations impacted by the Action which the offset is to address,
 - ii) the relevant **protected matters** and a reference to the **EPBC Act** approval conditions to which the FHOMP refers,
 - iii) detailed information and a **shapefile** specifying the location, area and boundaries of each offset site,
 - iv) detailed baseline information on the areas of the habitat, and the **habitat quality**, for **protected matters** at each offset site,

- v) achievable offset outcomes, relevant to the conservation of the **Gouldian Finch, Australian Painted Snipe** and **Crested Shrike-tit (northern)**, for each offset site and the timeframes in which they will be achieved,
 - vi) a table summarising all commitments to achieve the offset outcomes for **protected matters** at each offset site and a reference to where each commitment is detailed in the FHOMP,
 - vii) reporting and review mechanisms to inform the **department** annually regarding compliance with the implementation of management measures and the attainment and maintenance of the offset outcomes,
 - viii) an assessment of risks to achieving each offset outcome and what risk management measures and/or strategies will be applied to address these,
 - ix) a monitoring program, which must specify:
 - A) measurable performance indicators and the timeframes for their achievement to gauge attainment of each offset outcome for the **protected matters**,
 - B) trigger values for corrective actions, and
 - C) the proposed timing (including season/time of day/frequency) methods and effort, and an explanation of how these will be effective for this purpose, of monitoring to detect trigger values, changes in the performance indicators and to gather evidence that effectively demonstrates actual progress towards, attainment of and maintenance of all offset outcomes for the **protected matters**,
 - x) corrective actions to be implemented to ensure all offset outcomes for the **protected matters** are achieved or maintained if trigger values are reached or performance indicators not achieved in the specified timeframes,
 - xi) references to related plans and conditions of approval (including state/territory approval conditions), and
 - xii) how each offset site will be protected, including **securement**, and all offset outcomes maintained or improved, at least until the expiry of the approval.
- 5) Within 5 **business days** of commencing implementation of the approved FHOMP, the approval holder must notify the department of the date on which implementation of the FHOMP commenced.
- 6) The approval holder must:
- a) achieve all environmental performance objectives applicable to **protected matters** that are specified in the approved FHOMP, and

- b) achieve all offset outcomes for each offset site specified in the approved FHOMP by the time specified in the FHOMP. Once achieved, the approval holder must maintain or exceed the offset outcomes at least until the expiry date of this approval.

Part B – Administrative conditions

SUBMISSION AND PUBLICATION OF PLANS

- 7) Wherever these conditions require the approval holder to submit any **plan** to the **department**, all such **plans** must be submitted to the **department** electronically.
- 8) Unless otherwise agreed to in writing by the **Minister**, the approval holder must publish each **plan** on the **website** within 15 **business days** of the date:
 - a) of this approval, if the version of the **plan** to be implemented is specified in these conditions,
 - b) the **plan** is approved by the **Minister** in writing, if the **plan** requires the approval of the **Minister**,
 - c) the **plan** is submitted to the **department** in accordance with a requirement of these conditions, if the **plan** does not require the approval of the **Minister**.
- 9) The approval holder must keep all **plans** published on the **website**, in a format that is easily accessible and downloadable, from the first date which that **plan** must be published and until the expiry date of this approval. This requirement applies to all current and superseded versions of **plans**.
- 10) The approval holder is required to exclude or redact **sensitive biodiversity data** from any version of a **plan** before that **plan** is published on the **website** or otherwise provided to a member of the public. If **sensitive biodiversity data** is excluded or redacted from a **plan**, the approval holder must notify the **department** in writing what exclusions and redactions have been made in the version published on the **website**.

COMMENCEMENT OF THE ACTION

- 11) The approval holder must notify the **department** electronically of the date of **commencement of the Action**, within 5 **business days** following **commencement of the Action**.
- 12) The approval holder must not **commence the Action** later than 5 years after the date of this approval decision.
- 13) The approval holder must notify the **department** electronically of the date **completion of construction** within 5 **business days** following **completion of construction**.

COMPLIANCE RECORDS

- 14) The approval holder must maintain accurate and complete **compliance records** and document the procedure for recording and storing **compliance records**.

- 15) If the **department** makes a request in writing, the approval holder must provide electronic copies of **compliance records** to the **department** within the timeframe specified in the request.

Note: Compliance records may be subject to audit by the **department**, or by an **independent auditor** in accordance with section 458 of the **EPBC Act**, and/or be used to verify compliance with the conditions. Summaries of the results of an audit may be published on the **department's** website or through the general media.

- 16) The approval holder must ensure that any **monitoring data**, surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the *Guidelines for biological survey and mapped data*, Commonwealth of Australia 2018, or as otherwise specified by the **Minister** in writing.
- 17) The approval holder must ensure that any **monitoring data**, surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the *Guide to providing maps and boundary data for EPBC Act projects*, Commonwealth of Australia 2021, or as otherwise specified by the **Minister** in writing.
- 18) The approval holder must submit all **monitoring data**, surveys, maps, other spatial and metadata and all species occurrence record data (sightings and evidence of presence) electronically to the **department** within 20 **business days** of the next anniversary of the date of this approval decision except where otherwise specified in a **plan**.

ANNUAL COMPLIANCE REPORTING

- 19) The approval holder must prepare a **compliance report** for each **Annual Compliance Report period (ACR period)**.
- 20) The approval holder must ensure each **compliance report** includes:
- a) accurate and complete details of compliance and any non-compliance with:
 - i) each condition attached to this approval decision, and
 - ii) all commitments made in each **plan**,
 - b) a schedule of all **plans** in effect in relation to these conditions during the **ACR period**,
 - c) accurate and complete details of how each **plan** was implemented during the **ACR period**, and
 - d) if any **incident** occurred, accurate and complete details of each **incident**.
- 21) The approval holder must ensure each **compliance report** is completed to the satisfaction of the **Minister** and is consistent with the *Annual Compliance Report Guidelines*, Commonwealth of Australia 2023.
- 22) The approval holder must, within 20 **business days** following the end of each **ACR period**, in a format that is easily accessible and downloadable, publish on the **website**:
- a) each **compliance report**, and

- b) a **shapefile** showing all **clearing of protected matters**, and their habitat, undertaken within the **ACR period**.
- 23) The approval holder must:
- a) Exclude or redact **sensitive biodiversity data** from each **compliance report** and **shapefile** published on the **website** or otherwise provided to a member of the public.
 - b) If **sensitive biodiversity data** is excluded or redacted from a version of a **compliance report** published or otherwise provided to a member of the public, submit the full **compliance report** to the **department** within **5 business days** of its publication on the **website** and notify the **department** in writing what exclusions and redactions have been made in the version published on the **website** or otherwise provided to a member of the public.
 - c) If **sensitive biodiversity data** is excluded or redacted from a version of a **shapefile** published or otherwise provided to a member of the public, submit the full **shapefile** to the **department** within **5 business days** of its publication on the **website** and notify the **department** in writing what exclusions and redactions have been made in the version published on the **website** or otherwise provided to a member of the public.
- 24) The approval holder must notify the **department** electronically, within **5 business days** of each date of publication that the **compliance report** has been published on the **website**. In this notification, the approval holder must provide the **department** with the web address for where the **compliance report** and related **shapefile** are published on the **website**.
- 25) The approval holder must keep each **compliance report** and related **shapefile** published on the **website** from the first date which that **compliance report** must be published and until the expiry date of this approval.

Note: **Compliance reports** may be published on the **department's** website.

REPORTING NON-COMPLIANCE

- 26) The approval holder must notify the **department** electronically, within **2 business days** of becoming aware of any **incident**. The approval holder must specify in each notification:
- a) any condition or commitment made in a **plan** which has not been, or may have not been, complied with,
 - b) a short description of the **incident**, and
 - c) the location (if applicable, including co-ordinates), date and time of the **incident**.
- 27) The approval holder must provide to the **department** in writing, within **12 business days** of becoming aware of an **incident**, the details of that **incident**. The approval holder must specify:
- a) all corrective measures and investigations which the approval holder has already taken in respect of the **incident**,
 - b) the potential impacts of the **incident**,

- c) the method and timing of any corrective measures that the approval holder proposes to undertake to address the **incident**, and
- d) any variation of these conditions or revision of a **plan** that will be required to prevent recurrence of the **incident** and/or to address its consequences.

INDEPENDENT AUDIT

- 28) The approval holder must ensure that an **independent audit** of compliance with the conditions is conducted for every **audit period**.
- 29) The approval holder must submit details of the proposed **independent auditor** and their qualifications to the **department** within 10 **business days** following the end of each **audit period**.
- 30) The approval holder must ensure the scope of each **independent audit** is sufficient to determine the compliance status for each condition of approval, and each commitment made in each **plan**.
- 31) The approval holder must ensure the criteria for each **independent audit** and the undertaking of each **independent audit** are consistent with the **Independent Audit and Audit Report Guidelines**.
- 32) The approval holder must submit an **audit report** to the **department** for written agreement from the **department** within 3 months following the end of each **audit period**, or as otherwise directed by the **Minister** in writing.
- 33) The approval holder must ensure each **audit report** is completed to the satisfaction of the **Minister** and is consistent with the **Independent Audit and Audit Report Guidelines** to the extent that the **Independent Audit and Audit Report Guidelines** are consistent with these conditions.
- 34) The approval holder must publish each **audit report** on the **website**, in a format that is easily accessible and downloadable, within 10 **business days** of the date the **department** agrees to that **audit report** in writing.
- 35) The approval holder must notify the **department** within 5 **business days** of the date the **audit report** is published on the **website**. In this notification, the approval holder must provide the **department** with the web address for where the **audit report** is published on the **website**.
- 36) The approval holder must keep each **audit report** published on the **website** from the first date which that **audit report** must be published and until the expiry date of this approval.

COMPLETION OF THE ACTION

- 37) Within 20 **business days** after the **completion of the Action**, and, in any event, at least 20 **business days** prior to the expiry date of this approval, the approval holder must notify the **department** electronically of the date of **completion of the Action** and provide **completion data**. The approval holder must submit any spatial data that comprises **completion data** as a **shapefile**.

- 38) The approval holder must notify the **department** electronically at least 60, but not more than 70, **business days** prior to the expiry date of this approval, that the approval is due to expire.

Note: Section 145C of the **EPBC Act** entitles the approval holder to request an extension to the period of effect of this approval.

Part C – Definitions

Annual Compliance Report period or **ACR period** means each subsequent 12-month period following the date of this approval decision until the expiry date of this approval, unless otherwise specified in writing by the **Minister**.

Audit period means each subsequent five year period following the **commencement of the Action** until the expiry date of this approval unless otherwise specified in writing by the **Minister**.

Audit report means a written report of an **independent audit**.

Australian Painted Snipe means the **EPBC Act** listed threatened species Australian Painted Snipe (*Rostratula australis*).

Australian Painted Snipe foraging habitat means the area utilised for foraging by the **Australian Painted Snipe**. Within the **development envelope**, the location of **Australian Painted Snipe** foraging habitat is represented in Attachment C by the light green zones designated ‘Australian Painted Snipe foraging habitat’ in the Legend.

Biodiversity data means ‘biodiversity data’ as described in the *Policy on Accessing and Sharing Biodiversity Data*, Commonwealth of Australia 2024.

Business day means a day that is not a Saturday, a Sunday, or a public holiday in Western Australia.

Clear, cleared or **clearing** means the cutting down, felling, thinning, logging, removing, killing, destroying, poisoning, ringbarking, uprooting, or burning of vegetation but does not include the control of specified weeds.

Commence the Action or **commences the Action** means the first instance of any on-site **clearing, construction** or other physical activity associated with the Action, but does not include minor physical disturbance necessary to:

- Undertake pre-clearance surveys or monitoring programs.
- Install signage and/or temporary fencing to prevent unapproved use of the **Action area**, so long as the signage and/or temporary fencing is located where it does not **harm any protected matter**.
- Protect environmental and property assets from fire, weeds, and feral animals, including use of existing surface access tracks.

- Install temporary site facilities for persons undertaking pre-commencement activities so long as these facilities are located where they do not **harm** any **protected matter**.

Commencement of the Action means the date on which the approval holder **commences the Action**.

Completion data means an environmental report and spatial data clearly detailing how the conditions of this approval have been met.

Completion of the Action means the date on which all activities associated with the approved Action, other than those which provide compensation for the impacts of the Action, have permanently ceased and/or been completed.

Compliance records means all documentation or other material in whatever form required to demonstrate compliance with these conditions of approval (including compliance with commitments made in **plans**) in the approval holder’s possession, or that are within the approval holder’s power to obtain lawfully.

Compliance report means a written report of compliance with, and fulfilment of, these conditions (including compliance with commitments made in **plans**).

Construct, or construction means:

- the erection of a building or structure that is, or is to be, fixed to the ground and wholly or partially fabricated on-site,
- the alteration, maintenance, repair or demolition of any building or structure,
- any work which involves breaking of the ground (including pile driving) or bulk earthworks,
- the laying of pipes and other prefabricated materials in the ground, and
- any associated excavation work.

Construction does not include the installation of temporary fences or signage.

Crested Shrike-tit (northern) means the **EPBC Act** listed threatened species Crested Shrike-tit (northern) (*Falcunculus frontatus whitei*).

Crested Shrike-tit (northern) foraging habitat means the area utilised for foraging by the **Crested Shrike-tit (northern)**. Within the **development envelope**, the location of known Crested Shrike-tit (northern) foraging habitat is represented in Attachment D by the light green zones designated ‘Northern Crested Shrike-tit possible habitat’ in the map Legend.

Department means the Australian Government agency responsible for administering the **EPBC Act**.

Development envelope means the location of the Action, represented in Attachment A by the zone enclosed by the shaded orange area labelled as ‘Development Envelope, including the area labelled as ‘indicative layout’ in the map Legend.

Environmental Management Plan Guidelines means the *Environmental Management Plan Guidelines*, Commonwealth of Australia 2024.

Environmental Offsets Policy means the *Environment Protection and Biodiversity Conservation Act 1999 Environmental Offsets Policy*, Commonwealth of Australia 2012.

EPBC Act means the *Environment Protection and Biodiversity Conservation Act 1999* (Cth).

Gouldian Finch means the **EPBC Act** listed threatened species Gouldian Finch (*Erythrura gouldiae*).

Gouldian Finch foraging and breeding habitat means the areas utilised for foraging and breeding by the **Gouldian Finch**. Within the **development envelope**, **Gouldian Finch foraging and breeding habitat** is represented in Attachment B by the light green zones designated ‘Gouldian Finch breeding habitat’ in the map Legend.

Habitat quality means a measure of the overall viability of a site and its capacity to support **protected matters**, with respect to site condition, site context and species stocking rate and/or composition.

Harm means to cause any measurable direct or indirect disturbance or deleterious change as a result of any activity associated with the Action.

Incident means any:

- event which has the potential to, or does, **harm any protected matter**,
- potential non-compliance with these conditions, including the administrative requirements,
- actual non-compliance with these conditions, including the administrative requirements,
- potential non-compliance with one or more commitment made in a **plan**, and/or
- actual non-compliance with one or more commitment made in a **plan**.

Independent audit means an audit, conducted by an **independent auditor**, of compliance with and fulfilment of these conditions and the commitments made in **plans**, objectively evaluated against the audit criteria developed by the **independent auditor**, in accordance with the **Independent Audit and Audit Report Guidelines** to the extent that the **Independent Audit and Audit Report Guidelines** are consistent with these conditions.

Independent Audit and Audit Report Guidelines means the *Environment Protection and Biodiversity Conservation Act 1999 Independent Audit and Audit Report Guidelines*, Commonwealth of Australia 2019.

Independent auditor means a person, or firm, who:

- does not have any individual, financial*, employment* or family affiliation or any conflicting interests with the Action, the approval holder or the approval holder’s staff, representatives, or associated persons,
- has demonstrated experience in undertaking government-regulated environmental compliance audits, and
- holds relevant professional qualifications and accreditations.

*Other than for the purpose of undertaking the role for which the person, or firm, is required.

Minister means the Australian Government Minister administering the **EPBC Act**, including any delegate thereof.

Monitoring data means the data required to be recorded under the conditions of this approval, including **sensitive biodiversity data**.

Northern Quoll means the **EPBC Act** listed threatened species Northern Quoll (*Dasyurus hallucatus*).

Northern Quoll habitat exclusion zone means the area represented in Attachment E by the zone hatched with blue lines and labelled as ‘Quoll habitat exclusion area’ in the map Legend.

Plan means any action management plan or strategy that the approval holder is required by these conditions to implement.

Protected matter means a matter protected under a controlling provision in Part 3 of the **EPBC Act** for which this approval has effect.

Securement means to provide enduring conservation protection on the title of land under or another enduring protection mechanism agreed to in writing by the **department**, to provide protection for the site against development incompatible with conservation.

Sensitive biodiversity data means **biodiversity data** which, if released, published or otherwise exposed, may result in **harm** to the relevant **protected matter** as a result of the intentional or unintentional misuse of that **biodiversity data**.

Shapefile means location and attribute information about the Action provided in an Esri shapefile format containing:

- ‘.shp’, ‘.shx’, ‘.dbf’ files,
- a ‘.prj’ file which specifies the projection or geographic coordinate system used, and
- an ‘.xml’ metadata file that describes the shapefile for discovery and identification purposes.

SMART means specific, measurable, achievable, relevant and time bound.

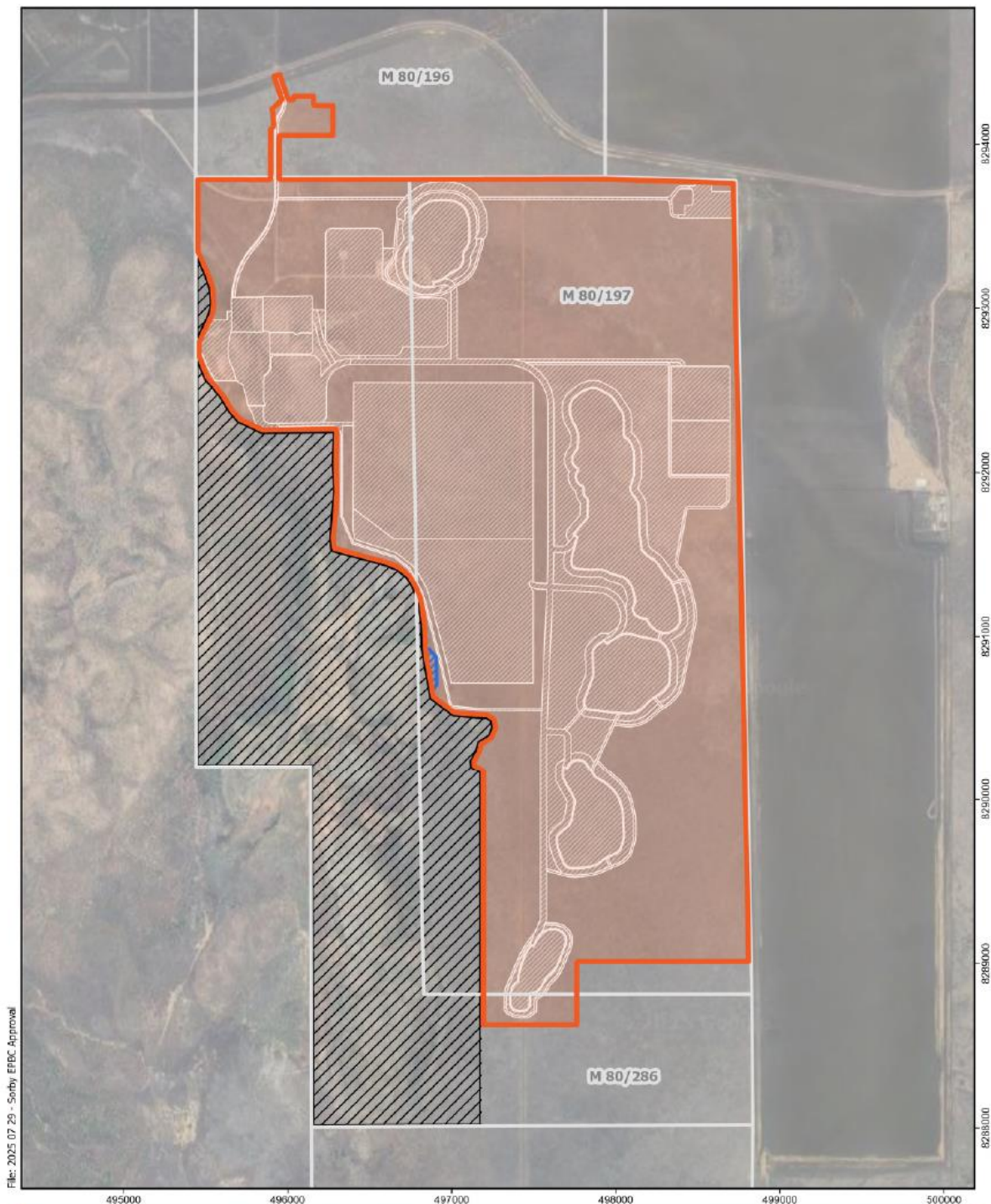
Suitably qualified environmental professional (for the purpose of preparing and implementing environmental management plans) means a person who has at least 5 years of work experience designing and implementing management activities for **protected matters** and has demonstrated their capability in achieving specified environmental outcomes for **protected matters** and **habitat quality** uplift through conservation land management.

Website means a set of related web pages located under a single domain name attributed to the approval holder and available to the public.

Attachments

- A: The Development Envelope
- B: Gouldian Finch foraging and breeding habitat
- C: Australian Painted Snipe foraging habitat
- D: Crested Shrike-tit (northern) foraging habitat
- E: Northern Quoll habitat exclusion zone

Attachment A: The Development Envelope



File: 2025 07 29 - Sorby EPBC Approval


Data sources
 Tenements: DMIRS Data and Software Centre
 Base image: Google Earth© OpenStreetMap
 (and) contributors, CC-BY-SA

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Attachment A:
 The Development Envelope


- Development Envelope
- Indicative layout
- Tenement
- Quoll habitat exclusion area
- Exclusion zone



0 0.5 1

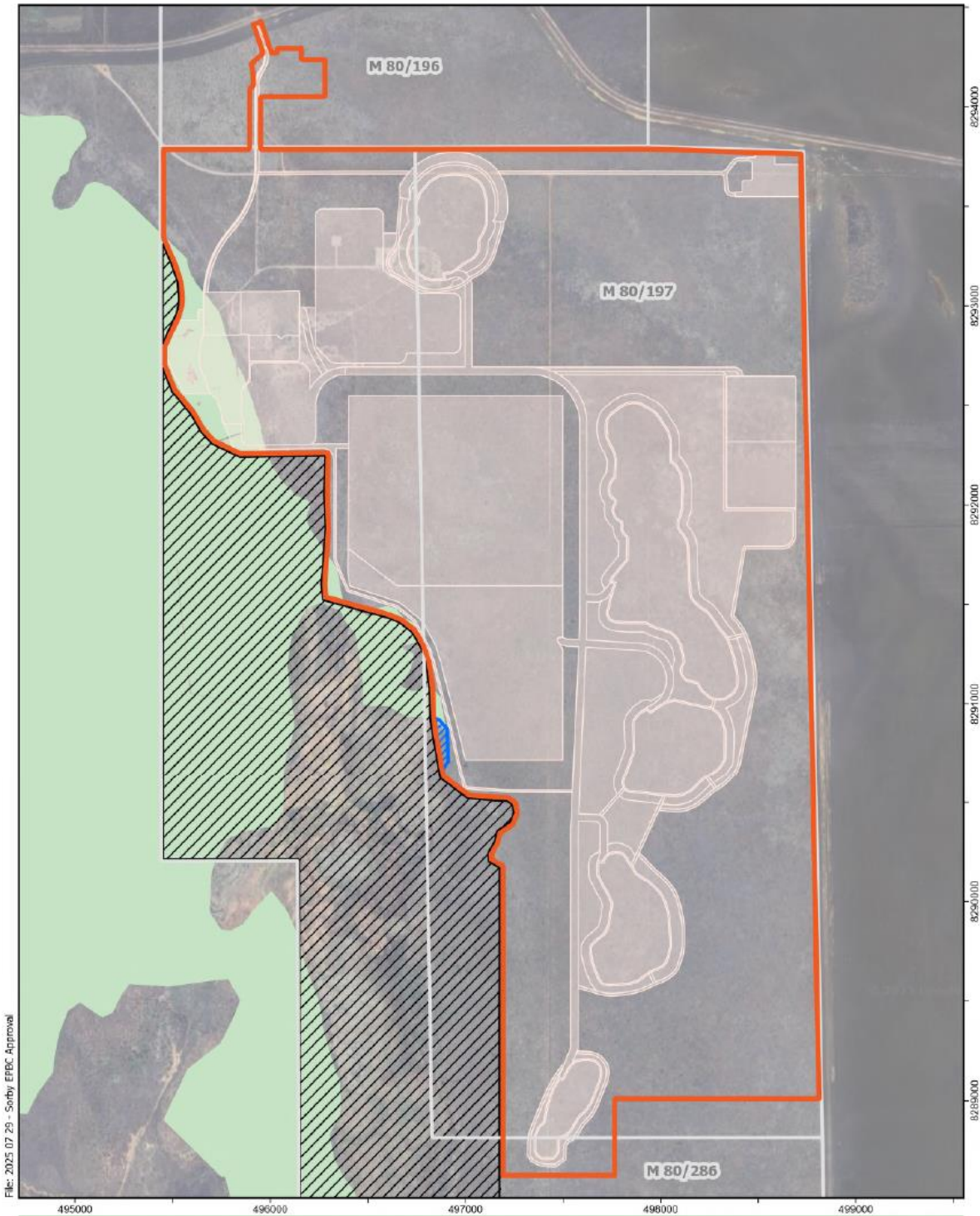


Kilometres
 GDA 1994 MGA Zone 52
 Date: 29/07/2025 Rev: A
 Project: 200045
 Author: R. Houllhan
 Drawn: L. Weggelaar
 Print @ A4



Map area
 Western Australia
 PERTH

Attachment B: Gouldian Finch foraging and breeding habitat



File: 2025_07_29 - Scriby EPBC Approval

Data sources
 Shedley, E (DEC) Ord Irrigation Area Fauna Habitat Mapping Project (2012)
 Tenements: DMIRS Data and Software Centre
 Base Image: Google Earth, © OpenStreetMap (and) contributors, CC-BY-SA
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GREEN VALUES
 — AUSTRALIA —

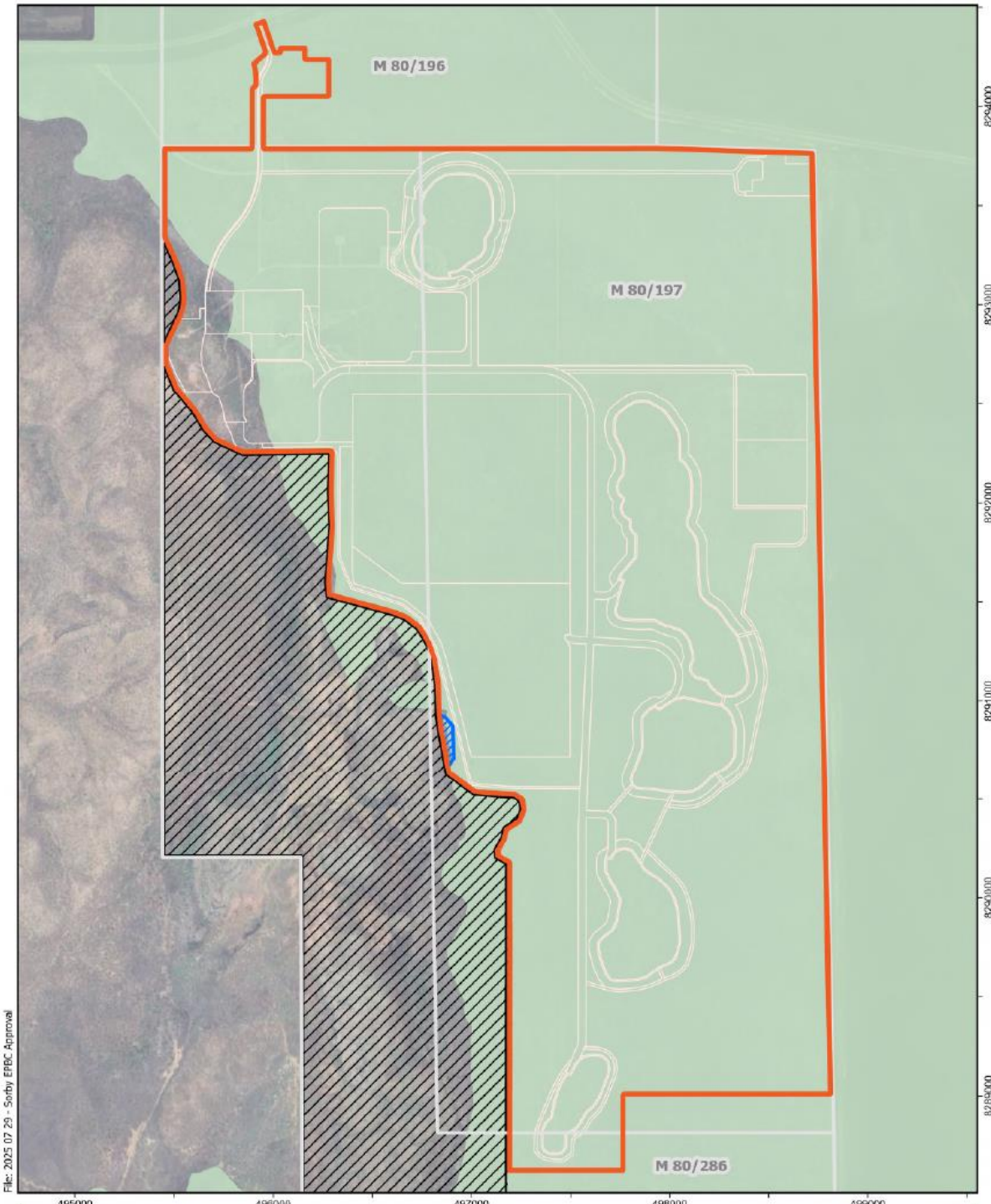
Attachment B:
 Potential foraging and breeding habitat for the Gouldian Finch and Northern Quoll exclusion zone

- Development Envelope
- Indicative layout
- Quoll habitat exclusion area
- Exclusion zone
- Tenement
- Gouldian Finch breeding habitat

0 250 500
 Metres
 GDA 1994 MGA Zone 52
 Date: 29/07/2025 Rev: A
 Project: 200045
 Author: R. Houlihan;
 Drawn: L. Weggelaar
 Print @ A4



Attachment C: Australian Painted Snipe foraging habitat




File: 2025 07 29 - Sorby EPBC Approval

Data sources
 Habitat derived from DPIRD (Umwelt 2021)
 Typhonium habitat suitability
 Tenements: DMIRS Data and Software Centre
 Base image: Google Earth, © OpenStreetMap
 (and) contributors, CC-BY-SA
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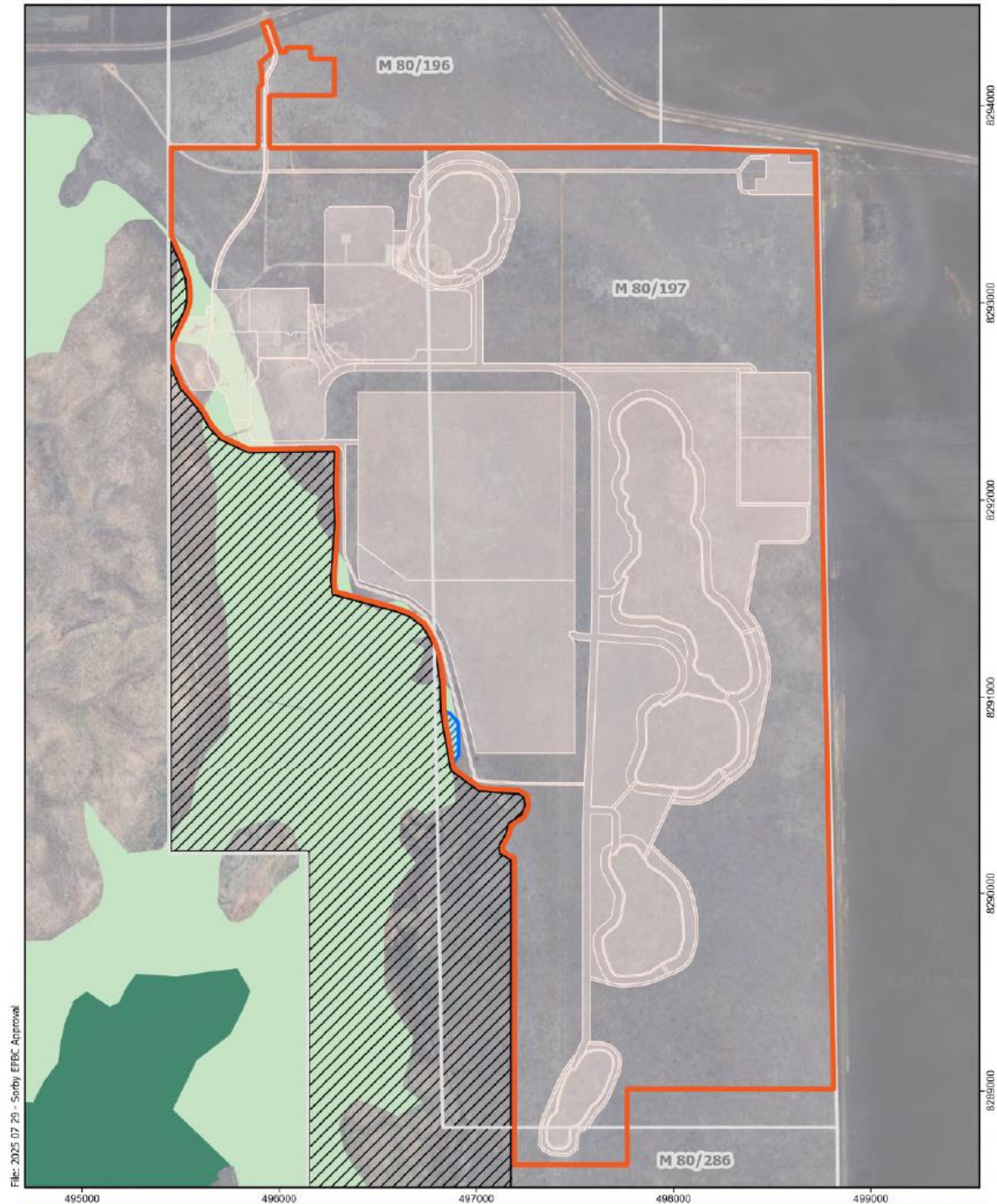
Attachment C:
 Potential foraging habitat
 for the
 Australian Painted Snipe

- Development Envelope
- Indicative layout
- Quoll habitat exclusion area
- Exclusion zone
- Tenement
- Australian Painted-snipe foraging habitat


 0 250 500
 Metres
 GDA 1994 MGA Zone 52
 Date: 8/08/2025 Rev: A
 Project: 200045
 Author: R. Houlihan;
 Drawn: L. Weggelaar
 Print @ A4



Attachment D: Crested Shrike-tit (northern) foraging habitat



File: 2025_07_29 - Sorby EPBC Approval

Data sources
 Sheldy, E (DEC) Ord Irrigation Area Fauna
 Habitat Mapping Project (2012)
 Tenements: DMIRS Data and Software Centre
 Base Image: Google Earth, © OpenStreetMap
 (and) contributors, CC-BY-SA
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 consequence of the contents of this product.

GREEN VALUES
 — AUSTRALIA —

- Attachment D:**
 Potential foraging habitat for
 Crested Shrike-tit (northern)
- | | |
|------------------------------|--|
| Development Envelope | Tenement |
| Indicative layout | Northern Crested Shrike-tit possible habitat |
| Quoll habitat exclusion area | Northern Crested Shrike-tit suitable habitat |
| Exclusion zone | |

0 250 500
 Metres
 GDA 1994 MGA Zone 52
 Date: 29/07/2025 Rev: A
 Project: 200045
 Author: R. Houlihan;
 Drawn: L. Weggelaar
 Print @ A4



Attachment E: Northern Quoll habitat exclusion zone



File: 2025.07.29 - Sorby EPBC Approval

Data sources
 Habitat derived from DPIRD (Umwelt 2021)
 Typhonium habitat suitability
 Tenements: DMIRS Data and Software Centre
 Base image: Google Earth, © OpenStreetMap
 (and) contributors, CC-BY-SA
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Attachment E:
 Northern quoll habitat
 exclusion zone

- Development Envelope
- Indicative layout
- Quoll habitat exclusion area
- Exclusion zone
- Tenement
- Northern quoll possible habitat

0 50 100
 Metres
 GDA 1994 MGA Zone 52
 Date: 8/08/2025 Rev: A
 Project: 200045
 Author: R. Houlihan;
 Drawn: L. Weggelaar
 Print @ A4

