



APPROVAL

Kaban Green Power Hub, Kaban, Queensland (EPBC 2018/8289)

This decision is made under sections 130(1) and 133(1) of the *Environment Protection and Biodiversity Conservation Act 1999 (Cth)*. Note that section 134(1A) of the **EPBC Act** applies to this approval, which 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 condition.

Details

Person to whom the approval is granted (approval holder)	Neoen Australia Pty. Ltd.
ABN of approval holder	ABN 57 160 905 706
Action	To construct and operate a wind farm with up to 29 turbines and associated infrastructure 80 km south-west of Cairns, in Kaban, far north Queensland; as described in the referral received by the Department on 17 October 2018 [See EPBC Act referral 2018/8289].

Approval decision

My decisions on whether or not to approve the taking of the action for the purposes of each controlling provision for the action are as follows.

Controlling Provisions

Listed Threatened Species and Communities	
Section 18	Approve
Section 18A	Approve

Listed migratory species	
Section 20	Approve
Section 20A	Approve

Period for which the approval has effect

This approval has effect until 3 April 2051.

Decision-maker

<i>Name and position</i>	Andrew McNee Assistant Secretary Assessments and Governance Branch Department of Agriculture, Water and the Environment
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<i>Signature</i>	
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<i>Date of decision</i>	21 April 2020
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Conditions of approval

This approval is subject to the conditions under the EPBC Act as set out in ANNEXURE A.

ANNEXURE A – CONDITIONS OF APPROVAL

Part A – Conditions specific to the action

Maximum clearing limits

1. To minimise impacts on **EPBC Act listed threatened species and communities**, the approval holder must not **clear** more than 129 hectares (ha) of habitat for **EPBC Act listed threatened species and communities** within the **project area**, including no more than:
 - (a) 95.2 ha of **Prostanthera habitat**.
 - (b) 3 ha of **Magnificent Brood Frog habitat**.
 - (c) 61.2 ha of **Greater Glider habitat**.
 - (d) 100 ha of **Northern Quoll habitat**, including no more than 5.6 ha of **Northern Quoll denning habitat**.

EPBC Act listed threatened and migratory species management

2. The approval holder must implement the **Vegetation Management Plan** and **Fauna Management Plan** for the duration of this approval.
3. The approval holder must report against each performance criterion specified in the **Vegetation Management Plan** and **Fauna Management Plan** and provide an evaluation of the effectiveness of the measures implemented to avoid and mitigate impacts of the action on **EPBC Act listed threatened species and communities** and **EPBC Act listed migratory species** in each annual **compliance report** required under condition 35.
4. To minimise **impacts** on *Prostanthera clotteniana*, the approval holder must undertake **pre-clearance surveys** of all potential **Prostanthera habitat**. The approval holder must prevent any direct or indirect impacts to any *Prostanthera clotteniana* individual.

Turbine strike monitoring and management

5. During **operation**, the approval holder must implement the **Bird and Bat Management Plan**.
6. To inform the **risk profile** of each turbine, the approval holder must undertake bird and bat utilisation surveys, including:
 - (a) Prior to **commissioning**, the approval holder must undertake pre-commissioning bird and bat utilisation surveys over a period of at least 24 months, including at least one survey undertaken at or adjacent to each proposed wind turbine location in each of at least one wet season and one dry season in succession.
 - (b) Commencing within 3 months after **commissioning**, the approval holder must undertake post-commissioning bird and bat utilisation surveys over a period of at least 24 months, including at least one survey at or adjacent to each wind turbine in each of at least two wet seasons and two dry seasons in succession.
7. At least one survey in each 12 month period of bird and bat utilisation surveys required under condition 6 must be conducted within the **migratory period** of each **EPBC Act listed migratory species**.
8. The approval holder must report on the results of the bird and bat utilisation surveys required under condition 6 in each annual **compliance report** required under condition 35 until all bird and bat utilisation surveys have been reported on.

9. All bird and bat utilisation surveys must be conducted by a **suitably qualified ecologist**.
10. Prior to **commissioning**, the approval holder must assign a **risk profile** to each turbine within the **project area** using the results of the pre-commissioning bird and bat utilisation surveys required under condition 6(a).
11. If, during bird and bat utilisation surveys required under condition 6 or during any other monitoring or incidental observation during **operation**, one or more individual of an **EPBC Act listed bird or bat species** is detected within the **vicinity** of a **low-risk turbine**, the approval holder must assign that turbine to be a **high-risk turbine** within five **business days** of the detection.
12. During **operation**, the approval holder must include a list of the **risk profiles** of each turbine within the **project area** in each annual **compliance report** required under condition 35.
13. During **operation**, the approval holder must undertake turbine strike monitoring in accordance with the **Bird and Bat Management Plan** at monitoring sites identified in the **Bird and Bat Management Plan** and at all **high-risk turbines** identified as required under conditions 10 and 11.
14. The approval holder must annually evaluate the effectiveness of the measures implemented to avoid and mitigate **impacts** of turbine collision on **EPBC Act listed bird and bat species** and report on that evaluation, and performance against the **impact triggers**, in each annual **compliance report** required under condition 35.
15. If an **impact trigger** is reached or exceeded, the approval holder must implement the adaptive management procedure described in the **Bird and Bat Management Plan**. The approval holder must, on each occasion that an **impact trigger** is reached or exceeded, report on the steps taken and outcomes of implementing the adaptive management procedure, including details of the mitigation measures that have been or will be implemented and an assessment of their likely effectiveness in the first annual **compliance report** required under condition 35 following an **impact trigger** being reached or exceeded.
16. Within 20 **business days** of an **impact trigger** being reached or exceeded, if application of the adaptive management procedure required under condition 15 identifies, in respect of any wind turbine or number of wind turbines, that additional mitigation measures are required but no alternative mitigation measures can or will be implemented; and
 - (a) If the additional mitigation measures are required in respect of the Ghost Bat or Spectacled Flying-fox, the approval holder must cease to operate any wind turbine that contributed to reaching or exceeding an **impact trigger** between sunset and sunrise each day; and/or
 - (b) If the additional mitigation measures are required in respect of any nocturnal **EPBC Act listed migratory species**, the approval holder must cease to operate any wind turbine that contributed to reaching or exceeding an **impact trigger** between sunset and sunrise each day during the **migratory period** of any **EPBC Act listed migratory species** for which an **impact trigger** has been reached or exceeded; and/or
 - (c) If the additional mitigation measures are required in respect of any diurnal **EPBC Act listed migratory species**, the approval holder must cease to operate any wind turbine that contributed to reaching or exceeding an **impact trigger** between sunrise and sunset each day during the **migratory period** of any **EPBC Act listed migratory species** for which an **impact trigger** has been reached or exceeded; and/or
 - (d) If the additional mitigation measures are required in respect of any cathemeral **EPBC Act listed migratory species** or any **EPBC Act listed migratory species** for which diel activity is

unknown, the approval holder must cease to operate any wind turbine that contributed to reaching or exceeding an **impact trigger** the **migratory period** of any **EPBC Act listed migratory species** for which an **impact trigger** has been reached or exceeded.

17. Any request by the approval holder to cease or reduce the curtailment required under condition 16 must demonstrate how the ceasing or reducing of the curtailment will not result in any additional **impact** on **EPBC Act listed bird and bat species**.

Environmental offsets

18. To compensate for the **clearance of Magnificent Brood Frog habitat** and **Greater Glider habitat** as specified in condition 1(b)-(c), the approval holder must legally secure all environmental offsets proposed in the **Offset Area Management Plan** within 12 months of the **commencement of the action**. The **Offset Area Management Plan** must be attached to the legal mechanism used to **legally secure** the offset areas.
19. The approval holder must notify the Department within five **business days** of the legal security mechanism for each offset area being executed.
20. The legal mechanism used to **legally secure** the offset areas must remain in force for at least the duration of this approval.
21. To ensure that the offsets required under condition 18 provide a conservation gain in accordance with the **EPBC Act Environmental Offsets Policy**, the **completion criteria** must be achieved within 20 years of the **commencement of the action** and then be maintained or improved for the duration of the approval.
22. To ensure that the offsets required under condition 18 provide ongoing habitat for the Magnificent Brood Frog and Greater Glider, the key habitat features identified in the **Offset Area Management Plan** must be maintained or improved for the duration of the approval.
23. To ensure that the **completion criteria** will be achieved, performance against **performance targets** must be reported in each annual **compliance report** required under condition 35.
24. If a **performance target** is not met at the completion of each five year period, the approval holder must, on each occasion that a **performance target** is not met, report on the corrective action/s that will be implemented and an assessment of their likely effectiveness in the first annual **compliance report** required under condition 35 following a **performance target** not being met and all subsequent **compliance reports** required under condition 35 for the life of the approval.
25. If any of the **completion criteria** are not met within 20 years of the **commencement of the action**, the approval holder must, within 10 **business days** of the 20th anniversary of the **commencement of the action**, notify the **Department** of the **completion criteria** that have not been met. Within 6 months of the 20th anniversary of the **commencement of the action**, if the approval holder has not met all of the **completion criteria**, the approval holder must submit a supplementary Offset Area Management Plan that details the additional and/or revised management measures that will be implemented and/or alternative offset or offsets that will be provided to compensate for the failed offset and submit it to the **Department** to be approved in writing by the **Minister**. If approved in writing by the **Minister**, the approval holder must implement the approved supplementary Offset Area Management Plan.
26. At least 12 months and no more than 24 months following **commissioning**, the approval holder must submit a Residual Impacts Report which details the actual residual **impact** of the action on **Magnificent Brood Frog habitat** and **Greater Glider habitat** to the Department. The Residual

Impacts Report must be informed by a scientifically robust program of monitoring that has been endorsed by an **independent suitably qualified amphibian expert** and conducted by a **suitably qualified ecologist**. The Residual Impacts Report must be prepared by an **independent suitably qualified ecologist**.

27. If the actual residual **impact** of the action on **Magnificent Brood Frog habitat** or **Greater Glider habitat** is greater than the **impact** of the action on **Magnificent Brood Frog habitat** or **Greater Glider habitat** already offset, the approval holder must provide an environmental offset to compensate for the additional residual **impact** consistent with the **EPBC Act Environmental Offsets Policy**. The approval holder must, within 60 **business days** of submitting the Residual Impacts Report required under condition 26, submit a supplementary Offset Area Management Plan to the **Department** to be approved in writing by the **Minister**. If approved in writing by the **Minister**, the approval holder must implement the approved supplementary Offset Area Management Plan.
28. The supplementary Offset Area Management Plan, whether submitted under the requirements of condition 23 or condition 25, must include:
 - (a) Details to demonstrate how the offset compensates for the residual **impact** on **Magnificent Brood Frog habitat** and **Greater Glider habitat** in accordance with the principles of the **EPBC Act Environmental Offsets Policy**;
 - (b) A description of the offset, including location, size, condition, environmental values present and surrounding land uses;
 - (c) Baseline data and other supporting evidence that documents the presence of each **listed threatened species** and the quality of each **listed threatened species** habitat within the offset area;
 - (d) An assessment of **site habitat quality** using a method agreed to in writing by the **Department**;
 - (e) Details of how the offset area will provide connectivity with other habitats and biodiversity corridors and/or will contribute to a larger strategic offset for each **listed threatened species**;
 - (f) Maps and **shapefiles** to clearly define the location and boundaries of the offset area, accompanied by **offset attributes**;
 - (g) Specific offset completion criteria derived from the **site habitat quality** to demonstrate the improvement in the quality of each **listed threatened species** habitat in the offset area over the duration of this approval;
 - (h) Details of the management actions, and timeframes for implementation, to be carried out to meet the offset completion criteria;
 - (i) Interim performance targets that set targets at appropriate intervals for progress towards achieving the offset completion criteria;
 - (j) Details of the nature, timing and frequency of monitoring to inform progress against achieving the interim performance targets (the frequency of monitoring must be sufficient to track progress towards each set of interim performance targets, and sufficient to determine whether the offset area is likely to achieve those interim performance targets in adequate time to implement all necessary corrective actions);
 - (k) Proposed timing for the submission of monitoring reports which provide evidence

- demonstrating whether the interim performance targets have been achieved;
- (l) Timing for the implementation of corrective actions if monitoring activities indicate the interim performance targets will not or have not been achieved;
 - (m) Evidence of how the management actions and corrective actions take into account relevant **approved conservation advices** and are consistent with relevant **recovery plans** and **threat abatement plans**; and
 - (n) Details of the legal mechanism for **legally securing** the offset area, such that legal security remains in force over the offset area for at least the duration of this approval.

Part B – Standard administrative conditions

Notification of date of commencement of the action

29. The approval holder must notify the **Department** in writing of the date of **commencement of the action** and the date of **commissioning** within 10 **business days** after the date of **commencement of the action**. The approval holder must notify the **Department** in writing of the date of **commissioning** within 10 **business days** after the date of **commissioning**.
30. If the **commencement of the action** does not occur within 5 years from the date of this approval, then the approval holder must not **commence the action** without the prior written agreement of the **Minister**.

Compliance records

31. The approval holder must maintain accurate and complete **compliance records**.
32. 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 an independent auditor in accordance with section 458 of the **EPBC Act**, and or used to verify compliance with the conditions. Summaries of the result of an audit may be published on the **Department's** website or through the general media.

Preparation and publication of plans

33. The approval holder must:
- (a) submit **plans** electronically to the **Department**;
 - (b) publish each **plan** on the website within 20 **business days** of the date of this approval, unless otherwise agreed to in writing by the **Minister** or, if a **plan** requires the approval of the **Minister**, within 20 **business days** of the date of the **Minister** approving the **plan**;
 - (c) exclude or redact **sensitive ecological data** from **plans** published on the website or provided to a member of the public; and
 - (d) keep **plans** published on the **website** until the end date of this approval.
34. The approval holder must ensure that any **monitoring data** (including **sensitive ecological data**), surveys, maps, and other spatial and metadata required under a **plan** and conditions of this approval, is prepared in accordance with the **Department's Guidelines for biological survey and**

mapped data (2018) and submitted electronically to the **Department** in accordance with the requirements of the **plan** and conditions.

Annual compliance reporting

35. The approval holder must prepare a **compliance report** for each 12-month period following the date of **commencement of the action**, or otherwise in accordance with an annual date that has been agreed to in writing by the Minister. The approval holder must:
- (a) publish each **compliance report** on the **website** within 60 **business days** following the relevant 12-month period;
 - (b) notify the **Department** by email that a **compliance report** has been published on the **website** and provide the weblink for the **compliance report** within five **business days** of the date of publication;
 - (c) keep all **compliance reports** publicly available on the **website** until this approval expires;
 - (d) exclude or redact **sensitive ecological data** from **compliance reports** published on the website; and
 - (e) where any **sensitive ecological data** has been excluded from the version published, submit the full **compliance report** to the **Department** within five **business days** of publication.

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

Reporting non-compliance

36. The approval holder must notify the **Department** in writing of any: **incident**; non-compliance with the conditions; or non-compliance with the commitments made in **plans**. The notification must be given as soon as practicable, and no later than two **business days** after becoming aware of the **incident** or non-compliance. The notification must specify:
- (a) any condition which is or may be in breach;
 - (b) a short description of the **incident** and/or non-compliance; and
 - (c) the location (including co-ordinates), date, and time of the **incident** and/or non-compliance. In the event the exact information cannot be provided, provide the best information available.
37. The approval holder must provide to the **Department** the details of any **incident** or non-compliance with the conditions or commitments made in **plans** as soon as practicable and no later than 10 **business days** after becoming aware of the **incident** or non-compliance, specifying:
- (a) any corrective action or investigation which the approval holder has already taken or intends to take in the immediate future;
 - (b) the potential impacts of the **incident** or non-compliance; and
 - (c) the method and timing of any remedial action that will be undertaken by the approval holder.

Independent audit

38. The approval holder must ensure that **independent audits** of compliance with the conditions are conducted as requested in writing by the Minister.
39. For each **independent audit**, the approval holder must:

- (a) provide the name and qualifications of the independent auditor and the draft audit criteria to the **Department**;
 - (b) only commence the **independent audit** once the audit criteria have been approved in writing by the **Department**; and
 - (c) submit an audit report to the **Department** within the timeframe specified in the approved audit criteria.
40. The approval holder must publish the audit report on the **website** within 10 **business days** of receiving the **Department's** approval of the audit report and keep the audit report published on the **website** until the end date of this approval.

Completion of the action

41. Within 30 days after the **completion of the action**, the approval holder must notify the **Department** in writing and provide **completion data**.

Part C - Definitions

In these conditions, except where contrary intention is expressed, the following definitions are used:

Approved conservation advices means a conservation advice approved by the **Minister** under section 266B(2) of the **EPBC Act**.

Bird and Bat Management Plan means the *Kaban Green Power Hub – Bird and Bat Management Plan* dated 10 February 2020.

Business day means a day that is not a Saturday, a Sunday or a public holiday in the state or territory of the action.

Clear/cleared/clearing means the cutting down, felling, thinning, logging, removing, killing, destroying, poisoning, ringbarking, uprooting or burning of vegetation (but not including weeds – see the Australian weeds strategy 2017 to 2027 for further guidance).

Commencement of the action/commence the action means the first instance of any specified activity associated with the action including **clearing** and **construction**. **Commencement of the action/commence the action** does not include minor physical disturbance necessary to:

- (a) undertake pre-clearance surveys or monitoring programs;
- (b) install signage and/or temporary fencing to prevent unapproved use of the project site (as defined in the **preliminary documentation**); and
- (c) protect environmental and property assets from fire, weeds and pests, including maintenance or use of existing surface access tracks.

Commissioning/commissioned means all activities, including turning of turbines, after the components of the first complete wind turbine are installed.

Completion criteria means the performance criteria as stated in the **Offset Area Management Plan**.

Completion of the action means the time at which all approved conditions have been fully met.

Completion data means an environmental report and spatial data information clearly detailing how the conditions of this approval have been met. The **Department's** preferred spatial data format is **shapefile**. This includes, but is not limited to the:

- (a) area of each **listed threatened species and community habitat cleared**; and

- (b) quality of each **listed threatened species and community** habitat in the offset area at the end date of this approval.

Compliance records means all documentation or other material in whatever form required to demonstrate compliance with the conditions of approval in the approval holder's possession or that are within the approval holder's power to obtain lawfully.

Compliance reports means written reports:

- (a) providing accurate and complete details of compliance, **incidents**, and non-compliance with the conditions and **plans**;
- (b) consistent with the **Department's Annual Compliance Report Guidelines (2014)** (or subsequent revision);
- (c) include a **shapefile** of any **impact** on any habitat for **listed threatened species** undertaken within the relevant 12-month period; and
- (d) identifying the version/s of the **plans** prepared and in existence in relation to the conditions of this approval during the relevant 12-month period.

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; preliminary site preparation work which involves breaking of the ground; the laying of pipes and other prefabricated materials in the ground, and any associated excavation work; but excluding the installation of temporary fences and signage.

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

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

EPBC Act Environmental Offsets Policy means the **EPBC Act Environmental Offsets Policy (2012)**, or subsequent revision, including the **Offset Assessment Guide**.

EPBC Act listed migratory species means the migratory fauna species listed under the **EPBC Act** for which this approval has effect, including:

- (a) White-throated Needletail (*Hirundapus caudacutus*);
- (b) Fork-tailed Swift (*Apus pacificus*);
- (c) Oriental Cuckoo (*Cuculus optatus*);
- (d) Latham's Snipe (*Gallinago hardwickii*);
- (e) Black-faced Monarch (*Monarcha melanopsis*);
- (f) Satin Flycatcher (*Myiagra cyanoleuca*);
- (g) Rufous Fantail (*Rhipidura rufifrons*).

EPBC Act listed bird or bat species means the **EPBC Act listed threatened species** and **EPBC Act listed migratory species** for which this approval has effect that are bird or bat species.

EPBC Act listed threatened species means the threatened flora and fauna species listed under the **EPBC Act** for which this approval has effect, including:

- (a) *Prostanthera clotteniana* (*Prostanthera*);
- (b) Magnificent Brood Frog (*Pseudophryne covacevichae*);

- (c) Greater Glider (*Petauroides volans*);
- (d) Northern Quoll (*Dasyurus hallucatus*);
- (e) Spectacled Flying-fox (*Pteropus conspicillatus*);
- (f) Ghost bat (*Macroderma gigas*).

Fauna Management Plan means the *Kaban Green Power Hub – Fauna Management Plan* dated 14 February 2020.

Greater Glider habitat means all areas of eucalypt forests or woodlands that contain hollow-bearing trees, designated ‘Great glider, red goshawk and black footed tree-rat’ in Appendix D.

High-risk turbine means any turbine that any **EPBC listed threatened species** or **EPBC listed migratory species** that are bird or bat species have been detected within 350 metres radius of the turbine.

Impact/s/ed (verb) means to cause any measurable direct or indirect disturbance or harmful change as a result of any activity associated with the action. **Impact** (noun) means any measurable direct or indirect disturbance or harmful change as a result of any activity associated with the action.

Impact trigger means the identification, accounting for scavenger rate and searcher efficiency, within 180 m of any wind turbine or number of wind turbines of:

- (a) any **EPBC Act listed threatened bat species** (or recognisable parts thereof); or
- (b) 0.05% of the population of any **EPBC Act listed migratory species**:
 - i. 10 individuals (or recognisable parts thereof) of the White-throated Needletails (*Hirundapus caudacutus*);
 - ii. 100 individuals (or recognisable parts thereof) of the Fork-tailed Swift (*Apus pacificus*);
 - iii. 1,000 individuals (or recognisable parts thereof) of the Oriental Cuckoo (*Cuculus optatus*);
 - iv. 1,500 individuals (or recognisable parts thereof) of the Latham’s Snipe (*Gallinago hardwickii*);
 - v. 460 individuals (or recognisable parts thereof) of the Black-faced Monarch (*Monarcha melanopsis*);
 - vi. 1,700 individuals (or recognisable parts thereof) of the Satin Flycatcher (*Myiagra cyanoleuca*);
 - vii. 4,800 individuals (or recognisable parts thereof) of the Rufous Fantail (*Rhipidura rufifrons*).

Incident means any event which has the potential to, or does, **impact** on any **protected matter**.

Independent means a person(s) that does not have an individual or by employment or family affiliation, any conflicting or competing interests with the approval holder; the approval holder’s staff, representatives or associated persons; or the project, including any personal, financial, business or employment relationship, other than receiving payment for undertaking the role for which the condition requires an independent person.

Independent audit/s means an audit conducted by an **independent** and **suitably qualified person** as detailed in the *EPBC Act Independent Audit and Audit Report Guidelines* (2015), or subsequent revision.

Legally secure/ing means to secure a legal agreement under relevant Queensland legislation, in relation to a site, to provide enduring protection for the site against development incompatible with conservation.

Low-risk turbine A turbine is considered to be a **low-risk turbine** if **EPBC listed bird or bat species** are not detected within 350 metres radius of the turbine for a minimum of two years.

Magnificent Brood Frog habitat means all areas of seeps and drainage channels in eucalypt forests or woodlands with an understorey containing *Themeda triandra*, designated 'Magnificent Brood Frog low suitable habitat' and 'Magnificent Brood Frog high suitable habitat' in [Appendix C](#).

Migratory period means the period of time during which each **EPBC Act listed migratory species** is likely to be found in north-eastern Australia, in accordance with the movement patterns for each **EPBC Act listed migratory species** as described in the Department's Species Profile and Threats database or another source endorsed by the Department.

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.

Northern Quoll denning habitat means all areas of rocky outcrops and escarpments, designated 'Northern quoll habitat – Den' in [Appendix E](#).

Northern Quoll habitat means all areas of eucalypt forests or woodlands, designated 'Northern quoll habitat – Den' and 'Northern quoll habitat – Foraging' in [Appendix E](#).

Offset Area Management Plan means the *Kaban Green Power Hub – Offset Area Management Plan* dated 20 February 2020.

Offset Assessment Guide means the guidance document titled *How to use the Offsets assessment guide*, which includes the requirements for **habitat quality scores**, provided by the **Department** to assist users of the **EPBC Act Environmental Offsets Policy**.

Operation means all activities from the date the wind farm is **commissioned**.

Performance targets means the five-yearly habitat quality completion criteria as stated in the **Offset Area Management Plan**.

Plan/s means any of the documents required to be submitted to the **Department**, implemented by the approval holder and/or published on its **website** in accordance with these conditions.

Preliminary documentation means the *Kaban Green Power Hub EPBC 2018/8289 - Preliminary Documentation*, dated 10 December 2019, provided to the **Department** on 11 December 2019.

Project area means the area where the construction and operation of the action will be undertaken, designated 'project site' in [Appendix A](#).

Prostanthera habitat means all areas of eucalypt forests or woodlands on granite or shallow clay rhyolite-derived soils, designated '*Prostanthera clotteniana* habitat' in [Appendix B](#).

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

Recovery plan means a recovery plan made or adopted by the **Minister** under the **EPBC Act**.

Sensitive ecological data means data as defined in the Australian Government Department of the Environment *Sensitive Ecological Data – Access and Management Policy V1.0* (2016), or subsequent revision.

Shapefile means location and attribute information of the action provided in an Esri shapefile format. Shapefiles must contain '.shp', '.shx', '.dbf' files and a '.prj' file that specifies the projection/geographic coordinate system used. Shapefiles must also include an '.xml' metadata file that describes the shapefile for discovery and identification purposes.

Suitably qualified amphibian expert means a person with at least a postgraduate degree (or equivalent) in a suitable area (such as herpetology) and a minimum of 10 years relevant experience in amphibian monitoring, including at least one year of experience in Australia.

Suitably qualified ecologist means a person who has professional qualifications and at least three years of work experience designing and implementing surveys for the **listed threatened species** and their habitat, and can give an authoritative assessment and advice on the presence and habitat requirements of the **listed threatened species** using relevant protocols, standards, methods and/or literature.

Suitably qualified person means a person who has professional qualifications, training, skills and/or experience related to the nominated subject matter and can give authoritative independent assessment, advice and analysis on performance relative to the subject matter using the relevant protocols, standards, methods and/or literature.

Threat abatement plans means a threat abatement plan made or adopted by the **Minister** under the **EPBC Act**.

Risk profile means the risk of an individual wind turbine having an impact on an **EPBC listed bird and bat species**. A turbine is considered to be a **high-risk turbine** if **EPBC listed threatened species** or **EPBC listed migratory species** that are bird or bat species are detected within 350 metres radius of the turbine. A turbine is considered to be a **low-risk turbine** if **EPBC listed bird or bat species** are not detected within 350 metres radius of the turbine for a minimum of two years. A **high-risk turbine** may be downgraded to a **low-risk turbine** if no **EPBC listed threatened species** or **EPBC listed migratory species** that are bird or bat species are detected within the **vicinity** of the turbine for a minimum of two years.

Vegetation Management Plan means the *Kaban Green Power Hub – Vegetation Management Plan* dated 10 February 2020.

Vicinity means within 350 metres radius of the turbine.

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

APPENDICES

Appendix A: Project area

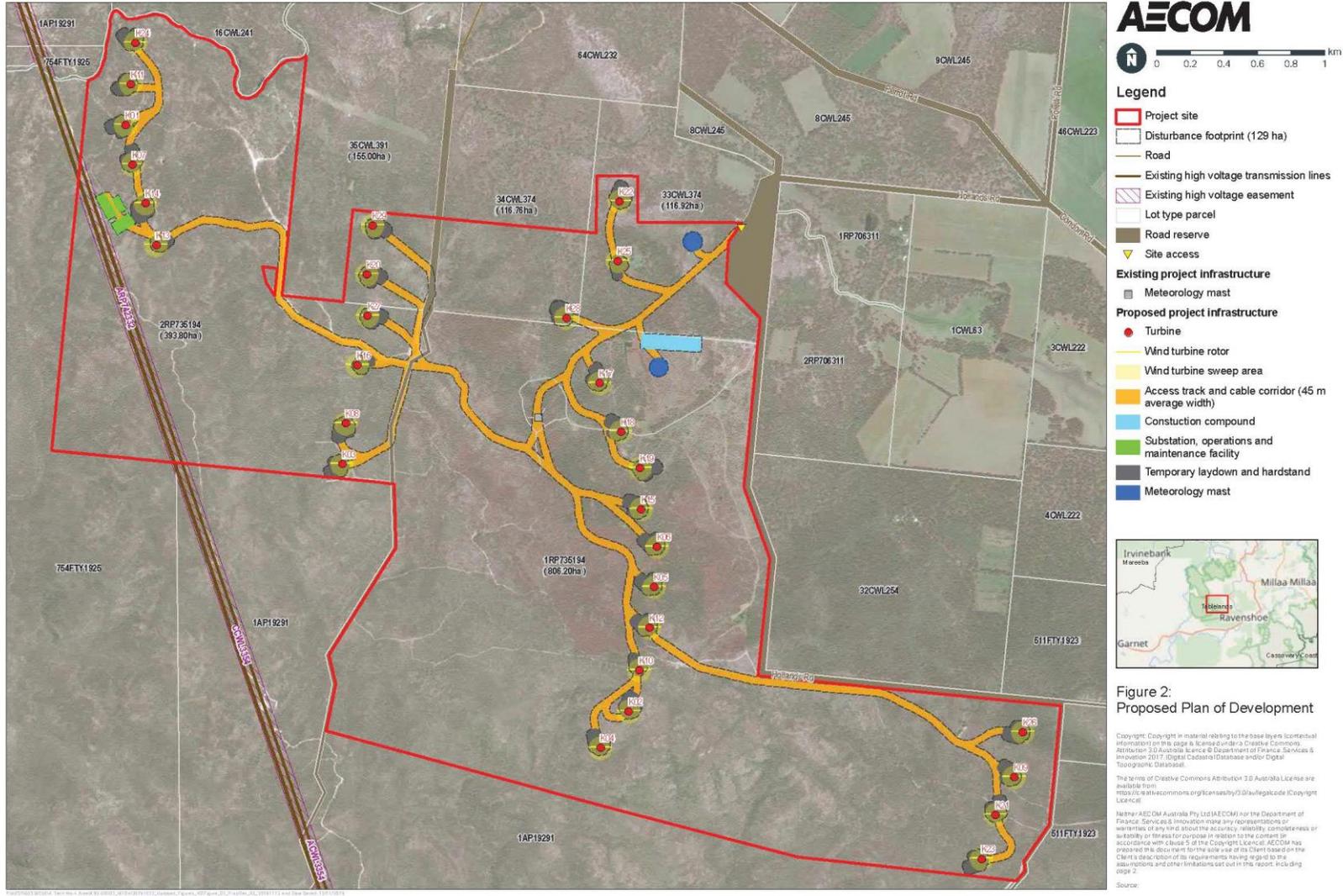
Appendix B: Prostanthera habitat

Appendix C: Magnificent Brood Frog habitat

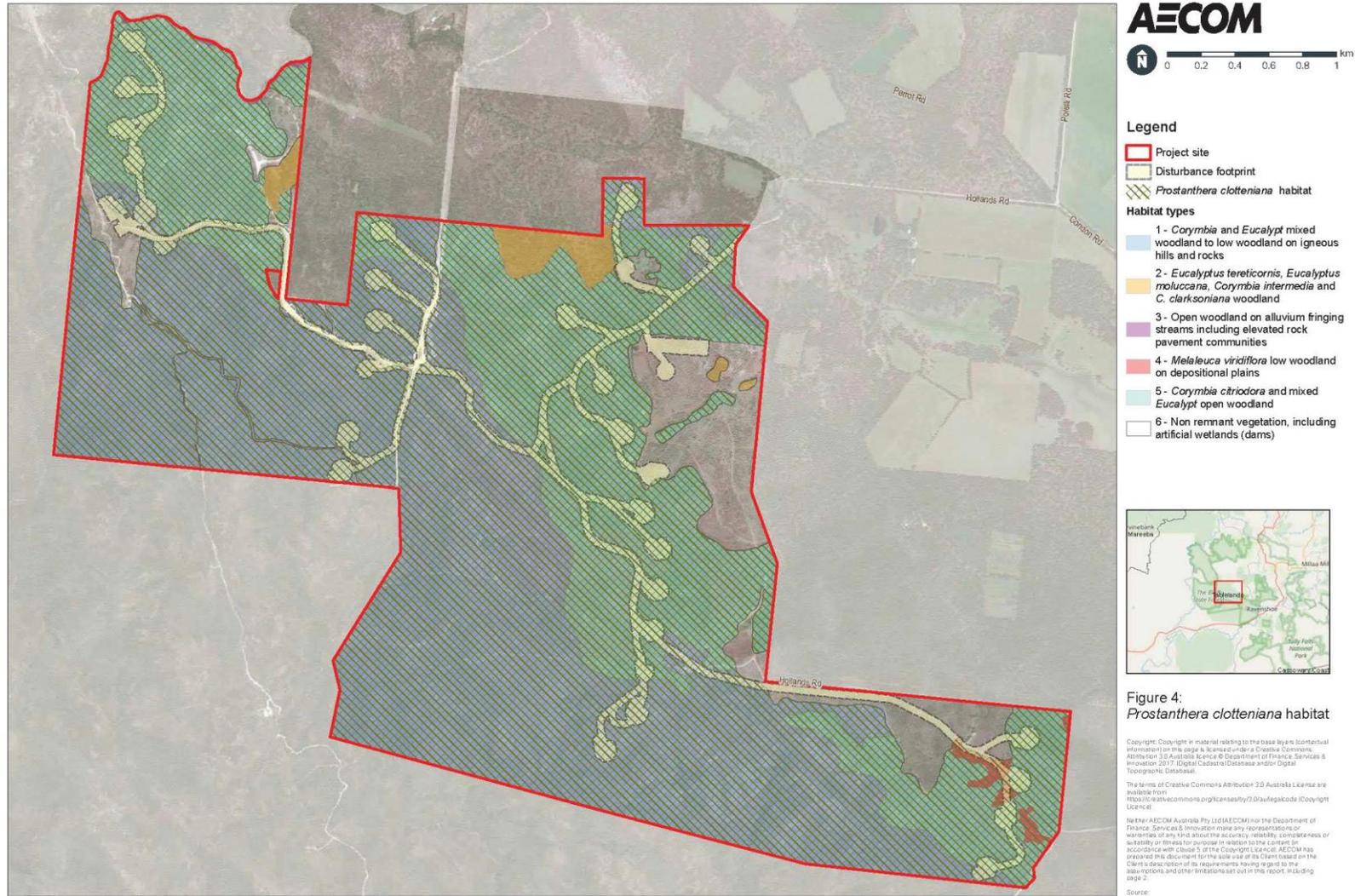
Appendix D: Greater Glider habitat

Appendix E: Northern Quoll habitat and Northern Quoll denning habitat

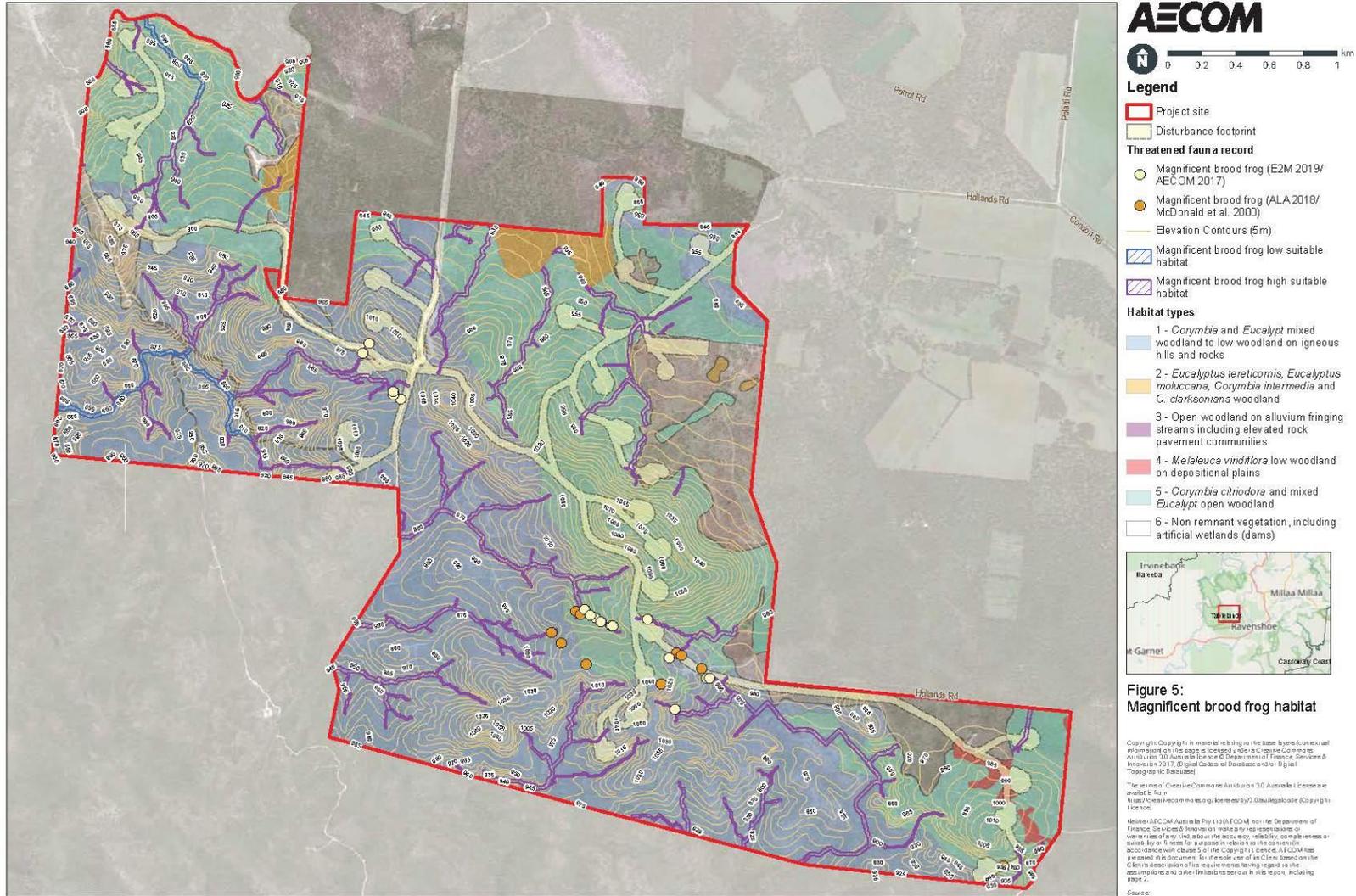
Appendix A: Project area



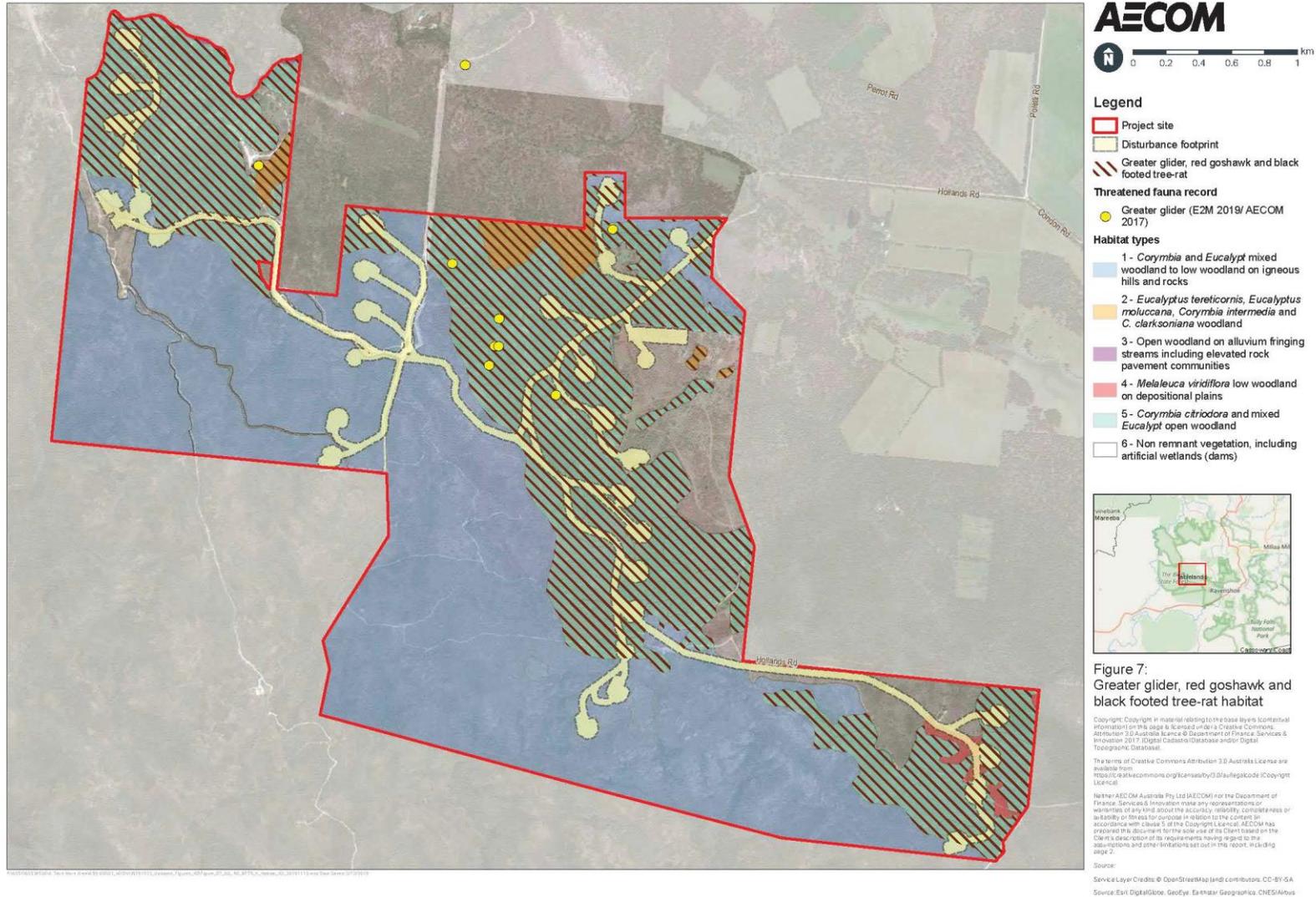
Appendix B: Prostanthera habitat



Appendix C: Magnificent Brood Frog habitat



Appendix D: Greater Glider habitat



Appendix E: Northern Quoll habitat and Northern Quoll denning habitat

