Project Lead: Senior Planner - Vanessa
Direct Telephone: 07 4189 9100
Our Reference: MCU25/0032

SOUTH BURNETT REGIONAL COUNCIL
ABN 89 972 463 351
PO Box 336 Kingaroy QLD 4610
P 07 4189 9100 or 1300 789 279
info@sbrc.qld.gov.au
www.southburnett.qld.gov.au
southburnettregion

27 May 2026

LongWait Pty Ltd A.C.N 621 283 449 Trustee Under Instrument 708809050
C/- Infinitum Partners
Suite 4 Ground Floor, 50 Hudson Road
ALBION QLD 4010

Attention: Scott Hambleton

Dear Scott

Decision Notice
Planning Act 2016

I refer to your application and advise that on 20 May 2026, Council decided to approve the application in full subject to conditions.

Details of the decision are as follows:

APPLICATION DETAILS

Application No:	MCU25/0032
Street Address:	256-258 Old Esk Road TAROMEO QLD 4314
Real Property Description:	Lots 228 & 229 on SP136942
Planning Scheme:	South Burnett Regional Council

DECISION DETAILS

Type of Decision:	Approval
Type of Approval:	Development Permit for Material Change of Use for High Impact Industry (Increase Sawmill Throughput) and Environmentally Relevant Activity - ERA 47(C) and ERA 33
Date of Decision:	20 May 2026

CURRENCY PERIOD OF APPROVAL

The currency period for this development approval is six (6) years starting the day that this development approval takes effect. (Refer to Section 85 "Lapsing of approval at end of currency period" of the *Planning Act 2016*.)

INFRASTRUCTURE

Where conditions relate to the provision of infrastructure, these are non-trunk infrastructure conditions unless specifically nominated as a "***necessary infrastructure condition***" for the provision of trunk infrastructure as defined under Chapter 4 of the *Planning Act 2016*.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

ASSESSMENT MANAGER CONDITIONS

GENERAL

GEN1. The development must be completed and maintained generally in accordance with the approved plans and documents and any amendments arising through conditions to this development approval:

Drawing Title	Prepared by	Ref No.	Rev.	Date
As Constructed Site Plan	RMA Engineers	24E-0202 A001.01	D	11.09.25

Timing: At all times.

DOCUMENTS REFERRED TO IN THIS APPROVAL

Document Title	Prepared by	Ref No.	Rev.	Date
Environmental Assessment	Range Environmental	J001911	V2	11/09/2025
Site Based Management Plan	Range Environmental	J001911	V2	26/08/2025
Air Quality Impact Assessment	ViridAU	V25-020	V3	12/05/2025
Noise Impact Assessment	ViridAU	V25-147	V2	26/08/2025

Where there is a conflict between the conditions of this approval and the details shown on the approved plans and documents, the conditions of approval prevail.

GEN2. The approved development is High Impact Industry comprising the existing sawmill operation with increased throughput. This approval does not authorise any other use on the site.

GEN3. The approved development must not exceed a maximum throughput of 60,000 tonnes of timber per annum and approximately 5,000 tonnes of bark screening per annum unless otherwise approved by Council and any relevant administering authority.

GEN4. The approved development does not authorise expansion of the existing approved operational footprint or the erection of additional buildings or structures unless otherwise approved by Council.

COMMENCEMENT OF USE

GEN5. Submit to Council a Notice of Intention to Commence the Approved Use at least ten (10) business days prior to commencement of the increased throughput operations. The notice must:

a. Nominate the day the approved use is intended to commence.
b. Include evidence demonstrating that all relevant conditions of this approval have been complied with.

Timing: Prior to commencement of the increased throughput use.

COMPLIANCE, TIMING, AND COSTS

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

GEN6. All conditions of the approval shall be complied with before the change occurs and while the use continues, unless otherwise noted within these conditions.

GEN7. The development shall be maintained in accordance with the Approved Plans, subject to and modified by the conditions of this approval.

GEN8. Maintain the site in a clean and orderly state at all times.

GEN9. All works, including the repair or relocation of services, are to be completed at no cost to Council.

OPERATIONAL REQUIREMENTS

GEN10. The use must operate only within the hours identified in the application material, being:

a. Heavy vehicle and light vehicle access from 6:00am to 7:00am Monday to Friday.
b. Full operations from 7:00am to 4:00pm Monday to Friday.
c. Maintenance activities on Saturdays between 7:00am and 4:00pm only.
d. No operations on Sundays or public holidays.

GEN11. The site must operate in accordance with the approved Site Based Management Plan and Environmental Assessment, except where varied by these conditions or any applicable environmental authority.

GEN12. All plant and equipment must be maintained in effective working order and operated in a manner that minimises emissions of noise, dust and vibration.

GEN13. Engines associated with loading, unloading and vehicle movements must not be unnecessarily revved or left idling for extended periods.

GEN14. Loading and unloading activities must be undertaken in a manner that minimises noise impacts, including minimising drop heights where practicable.

BUSHFIRE MANAGEMENT

GEN15. Existing access to Old Esk Road must be maintained at all times for emergency egress and operational access.

GEN16. Existing on-site water supplies available for firefighting purposes must be kept accessible to emergency services.

GEN17. Open areas surrounding the established operational footprint are to be maintained in a condition that does not materially increase bushfire fuel loads adjacent to the premises.

ENGINEERING WORKS

ENG1. Complete all works approved and works required by conditions of this development approval and/or any related approvals at no cost to Council, prior to commencement of the use unless stated otherwise.

ENG2. Undertake Engineering designs and construction in accordance with the Planning Scheme, Council's standards, relevant design guides, and Australian Standards.

ENG3. Be responsible for the full cost of any alterations necessary to electricity, telephone, water mains, sewer mains, stormwater drainage systems or easements and/or other

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

public utility installations resulting from the development or from road and drainage works required in connection with the development.

LOCATION, PROTECTION AND REPAIR OF DAMAGE TO COUNCIL AND PUBLIC UTILITY SERVICES INFRASTRUCTURE AND ASSETS

ENG4. Be responsible for the location and protection of any Council and public utility services infrastructure and assets that may be impacted on during construction of the development.

ENG5. Repair all damages incurred to Council and public utility services infrastructure and assets, as a result of the proposed development immediately should hazards exist for public health and safety or vehicular safety. Otherwise, repair all damages immediately upon completion of works associated with the development

STORMWATER MANAGEMENT

ENG6. Provide stormwater management generally in accordance with Stormwater Management Plan prepared by RMA Engineers, Revision 0, dated 26/05/2025, subject to detailed design and except as altered by conditions of this development approval.

ENG7. Provide overland flow paths that do not adversely alter the characteristics of existing overland flows on other properties or that create an increase in flood damage on other properties.

ENG8. Discharge all minor storm flows that fall or pass onto the site to the lawful point of discharge in accordance with the Queensland Urban Drainage Manual (QUDM).

ENG9. Ensure that adjoining properties and roadways are protected from ponding or nuisance from stormwater as a result of any site works undertaken as part of the proposed development.

WATER SUPPLY

ENG10. Provide a potable water supply for the development independent of the Council's water reticulation system. Monitor water quality continuously to ensure compliance with Australian Drinking Water Guidelines - current edition 2011 and enHealth Guidance of use of Rainwater standards for potable water.

ON-SITE WASTEWATER DISPOSAL

ENG11. Connect the development to an on-site wastewater disposal system, in accordance with the AS1547:2012 *On-site domestic wastewater management* and the Queensland Plumbing and Wastewater Code - 2019.

ENG12. Obtain a Development Permit for Plumbing Works for the on-site wastewater disposal system.

PARKING AND ACCESS - GENERAL

ENG13. Provide adequate car parking spaces to accommodate all staff and visitors.

ENG14. Ensure access to car parking spaces, vehicle loading and manoeuvring areas and driveways remain unobstructed and available for their intended purpose during the hours of operation.

VEHICLE ACCESS – TURNOUT

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

ENG15. Design and Construct vehicle turnout for the sawmill site generally in accordance with Council's Standard Drawing No. 00049 and sized to accommodate the largest expected vehicle.

ROAD UPGRADES

ENG16. Design and construct Old Esk Road from the intersection of D'Aguilar Highway to the development boundary in accordance with SBRC Planning Scheme Policy SC6.2 PSP1 – Design and Construction Standards Table SC6.2.2-Rural Zone, relevant Austroads' Standards, and more specifically, include:

a) pavement strengthening and widening of the existing bitumen to a 6.5m wide gravel pavement and a two-coat bitumen seal;
b) tapers to existing road pavement;
c) provision for stormwater drainage; and
d) road signage and line marking.

Comment: In lieu of carrying out the above upgrades, Council is open to entering into an Infrastructure Agreement to reflect the fair uses of the development on Council' road network.

Advisory Note: Roadworks undertaken in accordance with the development conditions that are within the Somerset Regional Council local government area will require an approval for works within the road reserve under SRC's local laws prior to the commencement of works.

ELECTRICITY AND TELECOMMUNICATION

ENG17. Connect the development to electricity and telecommunication services

EROSION AND SEDIMENT CONTROL - GENERAL

ENG18. Ensure that all reasonable actions are taken to prevent sediment or sediment laden water from being transported to adjoining properties, roads and/or stormwater drainage systems.

ENG19. Remove and clean-up sediment or other pollutants in the event that sediment or other pollutants are tracked/released onto adjoining streets or stormwater systems, at no cost to Council.

REFERRAL AGENCIES

The referral agencies applicable to this application are:

Referral Status	Referral Agency and Address	Referral Trigger	Response
Concurrence	SARA Wide Bay Burnett PO Box 979 BUNDABERG QLD 4670 WBBSARA@dsdilgp.qld.gov.au	Schedule 10, Part 5 Division 2, Item 8 Schedule 10, Part 9, Division 2, Table 2, Item 1 -	The agency provided its response on 18 March 2026 (Reference No. 2510-48565 SRA). A copy of the response is attached.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Advice	Ergon Energy townplanning@ergon.com.au GPO Box 1461 BRISBANE QLD 4001	Schedule 10, Part 9, Division 2, Table 2, Item 1	The agency provided its response on 14 October 2025 (Reference No. ECM 28242811). A copy of the response is attached.
Advice	Powerlink PO Box 1193 VIRGINIA QLD 4014	Schedule 10, Part 9, Division 2, Table 2, Item 1	The agency provided its response on 9 October 2025 (Reference No. DA6460). A copy of the response is attached.

A copy of any referral agency conditions is attached.

APPROVED PLANS

The following plans are Approved plans for the development:

Approved Plans

Plan No.	Rev.	Plan Name	Date
24E-0202 A001.01	D	*As Constructed Site Plan*, prepared by RMA Engineers.	11.09.25

REFERENCED DOCUMENTS

The following documents are referenced in the assessment manager conditions:

Referenced Documents

Document No.	Rev.	Document Name	Date
J001911	V2	*Environmental Assessment*, prepared by Range Environmental.	11/09/2025
J001911	V2	*Site Based Management Plan*, prepared by Range Environmental.	26/08/2025
V25-020	V3	*Air Quality Impact Assessment,* prepared by ViridAU.	12/05/2025
V25-147	V2	*Noise Impact Assessment,* prepared by ViridAU.	26/05/2025

ADVISORY NOTES

The following notes are included for guidance and information purposes only and do not form part of the assessment manager conditions:

STANDARD ADVICE

ADV1. Section 85(1)(b) of the *Planning Act 2016* provides that if this approval is not acted upon within a period of six (6) years the approval will lapse.

ADV1. This development approval does not authorise any activity that may harm Aboriginal Cultural Heritage. Under the Aboriginal Cultural Heritage Act 2003 you have a duty of care in relation to such heritage. Section 23(1) provides that "A person who carries out an activity must take all reasonable and practicable measures to ensure the

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

activity does not harm Aboriginal Cultural Heritage." Council does not warrant that the approved development avoids affecting Aboriginal Cultural Heritage. It may therefore be prudent for you to carry out searches, consultation, or a Cultural Heritage assessment to ascertain the presence or otherwise of Aboriginal Cultural Heritage. The Act and the associated duty of care guidelines explain your obligations in more detail and should be consulted before proceeding. A search can be arranged by visiting https://www.datsip.qld.gov.au and filling out the Aboriginal and Torres Strait Islander Cultural Heritage Search Request Form.

ADV2. Attached for your information is a copy of Chapter 6 of the *Planning Act 2016* as regards Appeal Rights.

ADV3. Council is offering a reduction in infrastructure charges payable through the development incentive scheme which is available between 1 December 2020 and 31 December 2027. Eligible development under this scheme is required to be completed by 31 December 2027. For further information or application form please refer to the rules and procedures available on Council's website.

ADV4. Infrastructure charges are now levied by way of an infrastructure charges notice, issued pursuant to section 119 of the *Planning Act 2016*.

PROPERTY NOTES

Not Applicable.

VARIATION APPROVAL

Not Applicable.

FURTHER DEVELOPMENT PERMITS REQUIRED

- Development Permit for Plumbing Works

  Comment: Roadworks undertaken in accordance with the conditions of approval will require a Road Reserve Works Permit from Council's Infrastructure Department under South Burnett Regional Council's Local Laws prior to the commencement of any works within the road reserve.

SUBMISSIONS

Nil Received.

RIGHTS OF APPEAL

You are entitled to appeal against this decision. A copy of the relevant appeal provisions from the *Planning Act 2016* is attached.

During the appeal period, you as the applicant may suspend your appeal period and make written representations to council about the conditions contained within the development approval. If council agrees or agrees in part with the representations, a "negotiated decision notice" will be issued. Only one "negotiated decision notice" may be given. Taking this step will defer your appeal period, which will commence again from the start the day after you receive a "negotiated decision notice".

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

OTHER DETAILS

If you wish to obtain more information about Council's decision, electronic copies are available on line at www.southburnett.qld.gov.au, or at Council Offices.

Yours faithfully



SAM DUNSTAN
COORDINATOR DEVELOPMENT SERVICES

Enc: Adopted Infrastructure Charge Notice
Referral Agency Response
Approved Plans/Documents
Appeal Rights

cc SARA
Ergon
Powerlink

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

INFRASTRUCTURE CHARGES NOTICE

(Section 119 of the Planning Act 2016)

APPLICANT:	Longwait Pty Ltd C/- Infinitum Partners (Scott Hamleton) Suite 4 Ground Floor, 50 Hudson Road ALBION QLD 4010
APPLICATION:	Material change of use for high impact industry (increase sawmill throughput) and ERA 47(c) & ERA 33 - Impact Assessable
DATE:	20/05/2026
FILE REFERENCE:	MCU25/0032

AMOUNT OF THE LEVIED CHARGE: *(Details of how these charges were calculated are shown overleaf)*

$0.00	**Total**
$0.00	Water Supply Network
$0.00	Sewerage Network
$0.00	Transport Network
$0.00	Parks and Land for Community Facilities Network
$0.00	Stormwater Network

AUTOMATIC INCREASE OF LEVIED CHARGE:	The amount of the levied charge is subject to an automatic increase. Refer to the Information Notice attached to this notice for more information on how the increase is worked out.
LAND TO WHICH CHARGE APPLIES:	256 Old Esk Road, Taromeo
SITE ADDRESS:	Lot 228 On SP136942
PAYABLE TO:	**South Burnett Regional Council**
WHEN PAYABLE: *(In accordance with the timing stated in Section 122 of the Planning Act 2016)*	Material Change of Use – When the change happens.
OFFSET OR REFUND:	Not Applicable.

This charge is made in accordance with South Burnett Regional Council's ***Charges Resolution (No. 3) 2019***

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

DETAILS OF CALCULATION

Water Supply

Adopted Charges

Development Description	Number of Units	Units of Measure	Charge Rate	Reference	Amount
High Impact Industry (Sawmill)	0	m^2 GFA	$0.00	CR Table 2.2	$0.00

Discounts*

Description	Number of Units	Units of Measure	Discount Rate	Reference	Amount
Not Applicable	-	-	$0.00	-	$0.00

Sewerage

Adopted Charges

Development Description	Number of Units	Units of Measure	Charge Rate	Reference	Amount
High Impact Industry (Sawmill)	0	m^2 GFA	$0.00	CR Table 2.2	$0.00

Discounts*

Description	Number of Units	Units of Measure	Discount Rate	Reference	Amount
Not Applicable	-	-	$0.00	-	$0.00

Transport

Adopted Charges

Development Description	Number of Units	Units of Measure	Charge Rate	Reference	Amount
High Impact Industry (Sawmill)	0	m^2 GFA	$11.00	CR Table 2.2	$0.00

Discounts*

Description	Number of Units	Units of Measure	Discount Rate	Reference	Amount
Not Applicable	-	-	$0.00	-	$0.00

Parks and Land for Community Facilities

Adopted Charges

Development Description	Number of Units	Units of Measure	Charge Rate	Reference	Amount
High Impact Industry (Sawmill)	0	m^2 GFA	$0.00	CR Table 2.2	$0.00

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Discounts*

Description	Number of Units	Units of Measure	Discount Rate	Reference	Amount
Not Applicable	-	-	$0.00	-	$0.00

Stormwater

Adopted Charges

Development Description	Number of Units	Units of Measure	Charge Rate	Reference	Amount
High Impact Industry (Sawmill)	0	m^2 GFA	$0.00	CR Table 2.2	$0.00

Discounts*

Description	Number of Units	Units of Measure	Discount Rate	Reference	Amount
Not Applicable	-	-	$0.00	-	$0.00

Levied Charges

Development Description	Water Supply	Sewerage	Transport	Parks & Land for Community Facilities	Stormwater	Total
High Impact Industry (Sawmill)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**

** In accordance with Section 3.3 of the Charges Resolution, the discount may not exceed the adopted charge. Any surplus discounts will not be refunded, except at South Burnett Regional Council's discretion.*

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

INFORMATION NOTICE

Authority and Reasons for Charge	This Infrastructure Charges Notice has been given in accordance with section 119 of the *Planning Act 2016* to support the Local government's long-term infrastructure planning and financial sustainability.
Appeals	Pursuant to section 229 and Schedule 1 of the *Planning Act 2016* a person may appeal an Infrastructure Charges Notice. Attached is an extract from the *Planning Act 2016* that details your appeal rights.
Automatic Increase Provision of charge rate ($)	An infrastructure charge levied by South Burnett Regional Council is to be increased by the difference between the Producer Price Index (PPI) applicable at the time the infrastructure charge was levied, and PPI applicable at the time of payment of the levied charge, adjusted by reference to the 3-yearly PPI average[1]. If the levied charge is increased using the method described above, the charge payable is the amount equal to the sum of the charge as levied and the amount of the increase. However, the sum of the charge as levied and the amount of the increase is not to exceed the maximum adopted charge the Authority could have levied for the development at the time the charge is paid.
GST	The Federal Government has determined that contributions made by developers to Government for infrastructure and services under the *Planning Act* 2016 are GST exempt.
Making a Payment	This Infrastructure Charges Notice cannot be used to pay your infrastructure charges. To pay the levied charge, you must request an Itemised Breakdown showing the total levied charge payable at the time of payment. An Itemised Breakdown must be presented at the time of payment. An Itemised Breakdown may be requested by emailing info@southburnett.qld.gov.au

[1] 3-yearly PPI average is defined in section 114 of the *Planning Act 2016* and means the PPI adjusted according to the 3-year moving average quarterly percentage change between financial quarters. PPI Index is the producer price index for construction 6427.0 (ABS PPI) index number 3101 – Road and Bridge construction index for Queensland published by the Australian Bureau of Statistics.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

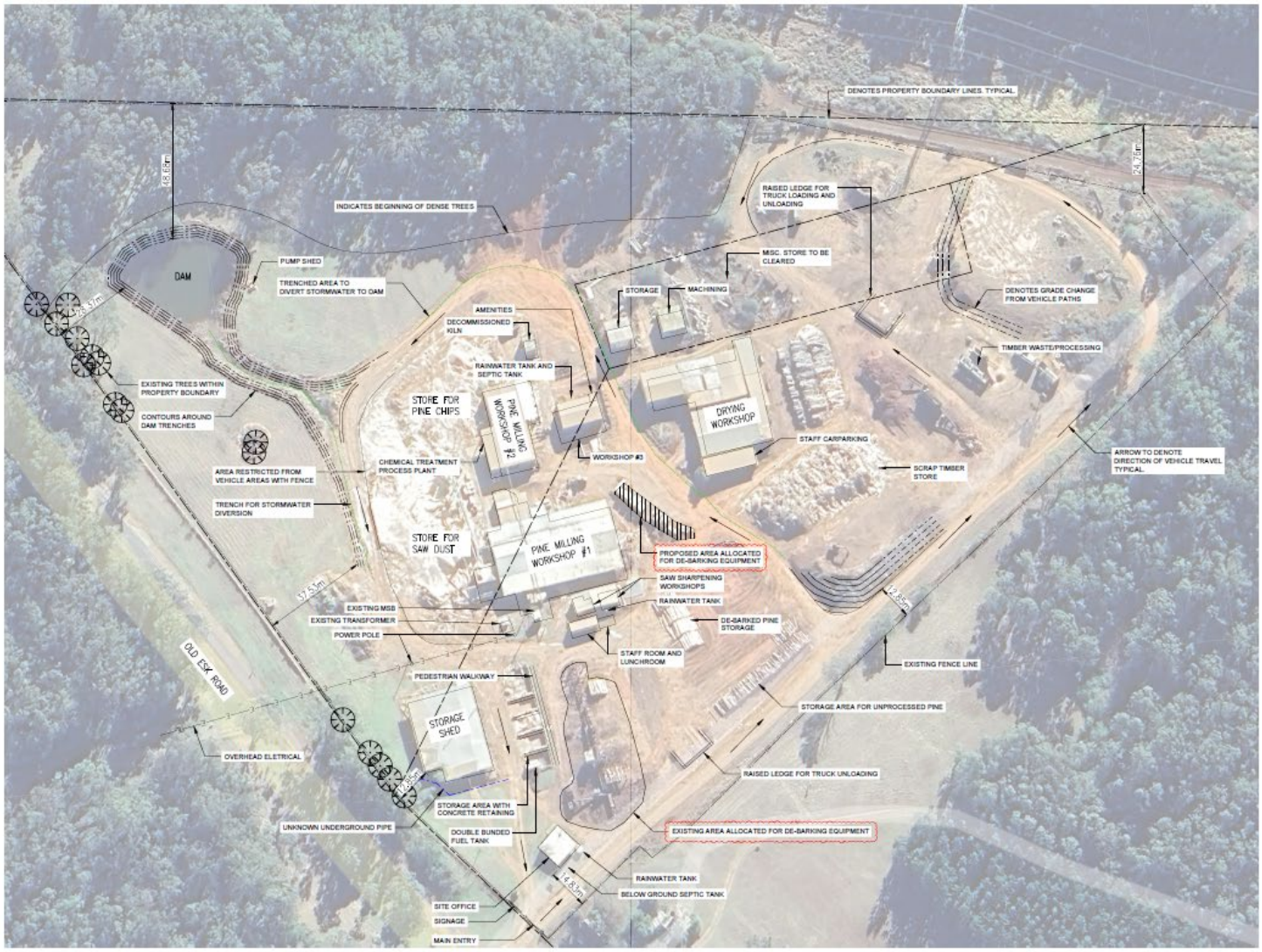
Payment can be made at any of the following South Burnett Regional Council Offices:

- 69 Hart Street, Blackbutt, 4314;
- 45 Glendon Street, Kingaroy, 4610;
- 42 Stephens Street West, Murgon, 4605;
- 48 Drayton Street, Nanango, 4615;
- McKenzie Street, Wondai, 4606; or
- via other methods identified on the Itemised Breakdown.

Enquiries

Enquiries regarding this Infrastructure Charges Notice should be directed to the SOUTH BURNETT REGIONAL COUNCIL, Department of Finance & Liveability, during office hours, Monday to Friday by phoning (07) 4189 9100 or email at info@sbrc.qld.gov.au

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



SITE LAYOUT PLAN

Scale 1:700 (A1)

ISSUE	DESCRIPTION	DATE	DWN	DES	CHK	APP
D	FOR COORDINATION - REVISED AS CLOUDED	11.09.25	BW	BW	AJH	AJH
C	FOR COORDINATION - ADDRESS UPDATED	02.09.24	BW	BW	AJH	BW
B	FOR COORDINATION - REVISED AS CLOUDED	03.08.24	BW	BW	AJH	BW
A	FOR COORDINATION	26.07.24	BW	BW	AJH	BW

NOTICE: THIS DOCUMENT IS UNCONTROLLED AND IS NOT TO BE USED FOR CONSTRUCTION UNTIL THIS NOTE IS REMOVED AND A DIGITAL SIGNATURE PROVIDED IN ITS PLACE

RMA Engineers
www.rmaeng.com.au

CLIENT: PRO-PINE SAWMILL
256 OLD ESK ROAD
TAROMEO QLD 4314

PROJECT: AS CONSTRUCTED SITE PLAN
256 OLD ESK ROAD
TAROMEO QLD 4314

TITLE: SITE LAYOUT PLAN

ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT NOTES ON DRAWING 00102
VERIFY ALL ON SITE DIMENSIONS AND LEVELS PRIOR TO CONSTRUCTION. NOTIFY RMA IMMEDIATELY OF ANY DISCREPANCIES
COPYRIGHT RMA ENGINEERS PTY LTD ©

HEIGHT DATUM: ----
MAP GRID: ----
SIZE: A1
COUNCIL RAL/MCU NO.:
COUNCIL CW NO.:
PROJECT NO.: 24E-0202
DRAWING NO.: A001.01
ISSUE: D

Decision Notice - MCU25/0032
Document Set ID: 3467234
Version: 2, Version Date: 28/05/2026

Appeal Rights

PLANNING ACT 2016 & THE PLANNING REGULATION 2017

Chapter 6 Dispute resolution

Part 1 Appeal rights

229 Appeals to tribunal or P&E Court

(1) Schedule 1 of the *Planning Act 2016* states –
  (a) Matters that may be appealed to –
    (i) either a tribunal or the P&E Court; or
    (ii) only a tribunal; or
    (iii) only the P&E Court; and
  (b) The person-
    (i) who may appeal a matter (**the *appellant***); and
    (ii) who is a respondent in an appeal of the matter; and
    (iii) who is a co-respondent in an appeal of the matter; and
    (iv) who may elect to be a co-respondent in an appeal of the matter.

(Refer to Schedule 1 of the Planning Act 2016)

(2) An appellant may start an appeal within the appeal period.
(3) The ***appeal period*** is –
  (a) for an appeal by a building advisory agency – 10 business days after a decision notice for the decision is given to the agency; or
  (b) for an appeal against a deemed refusal – at any time after the deemed refusal happens; or
  (c) for an appeal against a decision of the Minister, under chapter 7, part 4, to register premises or to renew the registration of premises – 20 business days after a notice us published under section 269(3)(a) or (4); or
  (d) for an appeal against an infrastructure charges notice – 20 business days after the infrastructure charges notice is given to the person; or
  (e) for an appeal about a deemed approval of a development application for which a decision notice has not been given – 30 business days after the applicant gives the deemed approval notice to the assessment manager; or
  (f) for any other appeal – 20 business days after a notice of the decision for the matter, including an enforcement notice, is given to the person.

  Note –
  See the P&E Court Act for the court's power to extend the appeal period.

(4) Each respondent and co-respondent for an appeal may be heard in the appeal.
(5) If an appeal is only about a referral agency's response, the assessment manager may apply to the tribunal or P&E Court to withdraw from the appeal.
(6) To remove any doubt. It is declared that an appeal against an infrastructure charges notice must not be about-
  (a) the adopted charge itself; or
  (b) for a decision about an offset or refund-
    (i) the establishment cost of trunk infrastructure identified in a LGIP; or
    (ii) the cost of infrastructure decided using the method included in the local government's charges resolution.

230 Notice of appeal

(1) An appellant starts an appeal by lodging, with the registrar of the tribunal or P&E Court, a notice of appeal that-
  (a) is in the approved form; and
  (b) succinctly states the grounds of the appeal.
(2) The notice of appeal must be accompanied by the required fee.
(3) The appellant or, for an appeal to a tribunal, the registrar must, within the service period, give a copy of the notice of appeal to –
  (a) the respondent for the appeal ; and
  (b) each co-respondent for the appeal; and
  (c) for an appeal about a development application under schedule 1, table 1, item 1 – each principal submitter for the development application; and
  (d) for and appeal about a change application under schedule 1, table 1, item 2 – each principal submitter for the change application; and
  (e) each person who may elect to become a co-respondent for the appeal, other than an eligible submitter who is not a principal submitter in an appeal under paragraph (c) or (d); and
  (f) for an appeal to the P&E Court – the chief executive; and
  (g) for an appeal to a tribunal under another Act – any other person who the registrar considers appropriate.
(4) The *service period* is –
  (a) if a submitter or advice agency started the appeal in the P&E Court – 2 business days after the appeal has started; or
  (b) otherwise – 10 business days after the appeal is started.
(5) A notice of appeal given to a person who may elect to be a co-respondent must state the effect of subsection (6).
(6) A person elects to be a co-respondent by filing a notice of election, in the approved form, within 10 business days after the notice of appeal is given to the person.

231 Other appeals

(1) Subject to this chapter, schedule 1 and the P&E Court Act, unless the Supreme Court decides a decision or other matter under this Act is affected by jurisdictional error, the decision or matter is non-appealable.
(2) The *Judicial Review Act 1991*, part 5 applies to the decision or matter to the extent it is affected by jurisdictional error.
(3) A person who, but for subsection (1) could have made an application under the Judicial Review Act 1991 in relation to the decision or matter, may apply under part 4 of that Act for a statement of reasons in relation to the decision or matter.
(4) In this section –
  decision includes-
  (a) conduct engaged in for the purpose of making a decision; and
  (b) other conduct that relates to the making of a decision; and
  (c) the making of a decision or failure to make a decision; and
  (d) a purported decision ; and
  (e) a deemed refusal.
  non-appealable, for a decision or matter, means the decision or matter-
  (a) is final and conclusive; and
  (b) may not be challenged, appealed against, reviewed, quashed, set aside or called into question in any other way under the Judicial Review Act 1991 or otherwise, whether by the Supreme Court, another court, a tribunal or another entity; and
  (c) is not subject to any declaratory, injunctive or other order of the Supreme Court, another court, a tribunal or another entity on any ground.

232 Rules of the P&E Court

(1) A person who is appealing to the P&E Court must comply with the rules of the court that apply to the appeal.
  However, the P&E Court may hear and decide an appeal even if the person has not complied with the rules of the P&E Court.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026
DocID
Version Date 27-May-26

DELIVERING FOR QUEENSLAND | Queensland Government

Department of
State Development,
Infrastructure and Planning

SARA reference: 2510-48565 SRA
Council reference: MCU25/0032
Applicant reference: Propine

18 March 2026

Chief Executive Officer
South Burnett Regional Council
PO Box 336
KINGAROY QLD 4610
info@sbrc.qld.gov.au

Attention: David Hursthouse

Dear Mr Hursthouse

SARA referral agency response—256 Old Esk Road, and 258 Old Esk Road, Taromeo (Lots 228 and 229 on SP136942)

(Referral agency response given under section 56 of the *Planning Act 2016*)

The development application described below was confirmed as properly referred by the State Assessment and Referral Agency (SARA) on 3 October 2025.

Response

Outcome:	Referral agency response – with conditions
Date of response:	18 March 2026
Conditions:	The conditions in **Attachment 1** must be attached to any development approval
Advice:	Advice to the applicant is in **Attachment 2**
Reasons:	The reasons for the referral agency response are in **Attachment 3**

Development details

Description:	Development permit	Material change of use for high impact industry (increase sawmill throughput) and ERA 47(C) & ERA 33
SARA role:	Referral agency	
SARA trigger:	Schedule 10, Part 5, Division 4, Table 2, Item 1 (Planning Regulation	

Wide Bay Burnett regional office
Level 1, 7 Takalvan Street, Bundaberg
PO Box 979, Bundaberg QLD 4670

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

	2017) Enviornmentally relevant activity Schedule 10, Part 9, Division 4, Subdivision 1, Table 1, Item 1 (Planning Regulation 2017) Development impacting on State transport infrastructure (throughput more than 10,000t per year)
SARA reference:	2510-48565 SRA
Assessment manager:	South Burnett Regional Council
Street address:	256 Old Esk Road, Taromeo; 258 Old Esk Road, Taromeo
Real property description:	Lot 228 on SP136942; Lot 229 on SP136942
Applicant name:	Longwait Pty Ltd C/- Infinitum Partners
Applicant contact details:	4/50 Hudson Road Albion QLD 4010 scott.hambleton@infinitumpartners.com.au
Environmental Authority:	This referral included an application for an environmental authority under section 115 of the *Environmental Protection Act 1994.* Below are the details of the decision: • Approved • Reference: P-EA-100958379 • Effective date: 31 October 2025 • Prescribed environmentally relevant activity (ERA): ERA 33 Crushing, milling, grinding or screening - crushing, grinding, milling or screening more than 5,000t of material in a year, and ERA 47(c) Timber milling and woodchipping - more than 20,000t but not more than 100,000t If you are seeking further information on the environmental authority, the Department of the Environment, Tourism, Science and Innovation's website includes a register. This can be found at: www.qld.gov.au/environment/management/licences-permits
Human Rights Act 2019 considerations:	A consideration of the 23 fundamental human rights protected under the *Human Rights Act 2019* has been undertaken as part of this decision. It has been determined that this decision does not limit human rights.

Representations

An applicant may make representations to a concurrence agency, at any time before the application is decided, about changing a matter in the referral agency response (s.30 Development Assessment Rules). Copies of the relevant provisions are in **Attachment 4**.

A copy of this response has been sent to the applicant for their information.

For further information please contact Caroline Plank, Principal Planning Officer (Wide Bay Burnett), on (07) 5352 9709 or via email WBBSARA@dsdilgp.qld.gov.au who will be pleased to assist.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Yours sincerely



Luke Lankowski
Manager, Planning Services

cc Longwait Pty Ltd C/- Infinitum Partners, scott.hambleton@infinitumpartners.com.au

enc Attachment 1 - Referral agency conditions
Attachment 2 - Advice to the applicant
Attachment 3 - Reasons for referral agency response
Attachment 4 - Representations about a referral agency response provisions

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Attachment 1—Referral agency conditions

(Under section 56(1)(b)(i) of the *Planning Act 2016* the following conditions must be attached to any development approval relating to this application)

No.	Conditions	Condition timing
Material change of use		
Schedule 10, Part 9, Division 4, Subdivision 1, Table 1, Item 1 – Development impacting on State transport infrastructure—The chief executive administering the *Planning Act 2016* nominates the Director-General of the Department of Transport and Main Roads to be the enforcement authority for the development to which this development approval relates for the administration and enforcement of any matter relating to the following condition:		
1.	(a) Provide road works comprising of: i. Advanced Truck Warning signage on approaches to the D'Aguilar Highway/Old Esk Road intersection; and ii. a Rural Channelised right-turn treatment with short turn slot at the D'Aguilar Highway/Old Esk Road intersection generally in accordance with Figure 7.2 of Austroads *Guide to Road Design Part 4A: Unsignalised and Signalised Intersections,* 2023. (b) Design and construct the road works, required in part (a) of this condition in accordance with: i. the Department of Transport and Main Roads *Road Planning and Design Manual, 2nd Edition* ii. the Department of Transport and Main Roads *Non-Transport Utility Management and Design Manual,* July 2025 iii. the Department of Transport and Main Roads' Policies and Technical Specifications iv. the Department of Transport and Main Roads Standard Drawings Roads.	(a)i. and (b) Prior to the commencement of use. (a)ii. and (b) Prior to the use output exceeding 45,000 tonnes per annum

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Attachment 2—Advice to the applicant

General advice	
1.	Terms and phrases used in this document are defined in the *Planning Act 2016*, its regulation or the State Development Assessment Provisions (SDAP) (version 3.3). If a word remains undefined it has its ordinary meaning.
2.	**National heavy vehicle regulator** The Department of Transport and Main Roads have advised Old Esk Road is a general access road. That is, heavy vehicle combinations that exceed general access specifications are not permitted to use general access roads without prior approval from the National Heavy Vehicle Regulator (NHVR). For further information about this matter, please visit the NHVR website www.nhvr.gov.au
3.	**Roadworks in a State-controlled road** The referral agency response requires road works in a State-controlled road at particular milestones. Under section 33 of the *Transport Infrastructure Act 1994,* written approval is required from the Department of Transport and Main Roads (DTMR) to carry out road works on a State-controlled road. This approval must be obtained prior to commencing any works on the State-controlled road reserve. The approval process will require the preparation and approval of engineering drawings of the proposed works certified by a Registered Professional Engineer of Queensland. Please be aware the road works approval process takes time so it is recommended early contact is made with the DTMR North Coast team in Maroochydore about any design matters to ensure that gaining road works approval does not delay construction. For more information or advice about road works approval, please email the North Coast team at north.coast.IDAS@tmr.qld.gov.au.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Attachment 3—Reasons for referral agency response

(Given under section 56(7) of the *Planning Act 2016*)

The reasons for the SARA's decision are:

- The development proposes a development permit for material change of use for high impact industry to increase the existing sawmill throughput from 30,000t to 60,000t per annum.
- The development application is also for environmentally relevant activity (ERA) 33 Crushing, milling, grinding or screening - crushing, grinding, milling or screening more than 5,000t of material in a year and ERA 47(c) Timber milling and woodchipping - more than 20,000t but not more than 100,000t.
- The development application was referred to SARA for exceeding the Schedule 20 thresholds in the Planning Regulation 2017 and therefore being assessable development impacting on State transport infrastructure (throughput more than 10,000t per year).
- The development application was also referred to SARA for the ERAs because they are concurrence ERAs.
- SARA assessed the development against the following codes of the State Development Assessment Provisions (SDAP), version 3.3:
    - State code 6: Protection of State transport networks
    - State code 22: Environmentally relevant activities
- SARA's assessment found that the development application complies with State code 22, without any requirements. An environmental authority has also been issued to the applicant for the associated ERAs.
- SARA's assessment found that the development application complies with State code 6, subject to a condition that requires mitigation measures to ensure the safety and efficiency of the State-controlled road network and that these road works on, or associated with, the state-controlled road network are undertaken in accordance with applicable standards.

Material used in the assessment of the application:

- the development application material and submitted plans
- *Planning Act 2016*
- Planning Regulation 2017
- the SDAP (version 3.3), as published by SARA
- the Development Assessment Rules
- SARA DA Mapping system
- section 58 of the *Human Rights Act 2019*

Attachment 4—Representations about a referral agency response provisions

(page left intentionally blank)

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Development Assessment Rules—Representations about a referral agency response

The following provisions are those set out in sections 28 and 30 of the Development Assessment Rules[1] regarding **representations about a referral agency response**

Part 6: Changes to the application and referral agency responses

28 Concurrence agency changes its response or gives a late response

28.1. Despite part 2, a concurrence agency may, after its referral agency assessment period and any further period agreed ends, change its referral agency response or give a late referral agency response before the application is decided, subject to section 28.2 and 28.3.

28.2. A concurrence agency may change its referral agency response at any time before the application is decided if—

(a) the change is in response to a change which the assessment manager is satisfied is a change under section 26.1; or

(b) the Minister has given the concurrence agency a direction under section 99 of the Act; or

(c) the applicant has given written agreement to the change to the referral agency response.[2]

28.3. A concurrence agency may give a late referral agency response before the application is decided, if the applicant has given written agreement to the late referral agency response.

28.4. If a concurrence agency proposes to change its referral agency response under section 28.2(a), the concurrence agency must—

(a) give notice of its intention to change its referral agency response to the assessment manager and a copy to the applicant within 5 days of receiving notice of the change under section 25.1; and

(b) the concurrence agency has 10 days from the day of giving notice under paragraph (a), or a further period agreed between the applicant and the concurrence agency, to give an amended referral agency response to the assessment manager and a copy to the applicant.

---

1 Pursuant to Section 68 of the *Planning Act 2016*

2 In the instance an applicant has made representations to the concurrence agency under section 30, and the concurrence agency agrees to make the change included in the representations, section 28.2(c) is taken to have been satisfied.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Part 7: Miscellaneous

30 Representations about a referral agency response

30.1. An applicant may make representations to a concurrence agency at any time before the application is decided, about changing a matter in the referral agency response.[3]

[3] An applicant may elect, under section 32, to stop the assessment manager's decision period in which to take this action. If a concurrence agency wishes to amend their response in relation to representations made under this section, they must do so in accordance with section 28.

Document Set ID: 3467234
Version: 3, Version Date: 27/05/2026

Permit

Environmental Protection Act 1994

Environmental authority P-EA-100958379

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Environmental authority number: P-EA-100958379

Environmental authority takes effect on the date that your related development approval MCU25/0032 takes effect**.** This is the take effect date.

Within 5 business days of the environmental authority taking effect, the administering authority must be given written notice of the occurrence. Prior to the commencement of the activity, the administering authority must be given written notice of the proposed date of commencement.

The first annual fee is payable within 20 business days of the take effect date.

The anniversary date of this environmental authority is the same day each year as the take effect date. The payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name(s)	Registered address
PRO-PINE PTY LTD	c/- APC CHARTERED ACCOUNTANTS Level 7, 100 Edward Street BRISBANE QLD 4000 AUSTRALIA

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 33 - Crushing, milling, grinding or screening Crushing, grinding, milling or screening more than 5000t of material in a year	228/SP136942 229/SP136942
ERA 47 - Timber milling and woodchipping (c) - Milling, in a year, the following total quantity of timber - more than 20,000t but not more than 100,000t	228/SP136942 229/SP136942

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority (EA) is issued is a restatement of the ERA as defined by legislation at the time the EA is issued. Where there is any inconsistency between

Queensland Government

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

that description of an ERA and the conditions stated by an EA as to the scale, intensity or manner of carrying out an ERA, the conditions prevail to the extent of the inconsistency.

An EA authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the EA specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Mobile and temporary activities

If you operate a mobile and temporary environmentally relevant activity (ERA), other than regulated waste transport, you are required to maintain a work diary. You must:

- use the approved form for a work diary (ESR/2015/1696);
- keep the work diary records for 2 years after the last entry;
- inform the administering authority within 7 days of the work diary being lost or stolen;
- record the information required in the work diary for each location within 1 day of leaving the location.

Contaminated land

It is a requirement of the EP Act that an owner or occupier of land give written notice to the administering authority if they become aware of the following:

- the presence of, or happening of an event involving, a hazardous contaminant on the land that is causing, or is reasonably likely to cause, serious or material environmental harm (notice must be given within 24 hours); or
- if the land is contaminated land – a change in the condition of the land that is causing, or is reasonably likely to cause, serious or material environmental harm (notice must be given within 24 hours); or
- a notifiable activity (as defined in Schedule 3) having been carried out, or is being carried out, on the land (notice must be given within 20 business days).

For further information, including the form for giving written notice, refer to the Queensland Government website www.qld.gov.au, using the search term 'duty to notify'.

Take effect

Please note that, in accordance with section 200 of the EP Act, an EA has effect:

a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority – on the nominated day; or

b) if the authority states a day or an event for it to take effect – on the stated day or when the stated event happens; or

c) otherwise – on the day the authority is issued.

However, if the EA is authorising an activity that requires an additional authorisation (a relevant tenure for a resource activity, a development permit under the *Planning Act 2016* or an SDA Approval under the *State Development and Public Works Organisation Act 1971*), this EA will not take effect until the additional authorisation has taken effect.

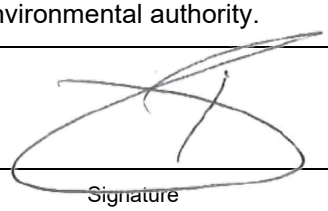
If this EA takes effect when the additional authorisation takes effect, you must provide the administering authority written notice within 5 business days of receiving notification of the related additional authorisation taking effect.

The anniversary day of this environmental authority is the same day each year as the effective date. The payment of the annual fee will be due each year on this day.

If you have incorrectly claimed that an additional authorisation is not required, carrying out the ERA without the additional

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid environmental authority.



Signature

31 October 2025

Date

Tristan Roberts
Department of the Environment, Tourism, Science and Innovation
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Energy and Extractive Resources
GPO Box 2454, BRISBANE QLD 4001
Phone: (07) 3330 5715
Email: EnergyandExtractive@detsi.qld.gov.au

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443).

Other permits required

This permit only provides an approval under the *Environmental Protection Act 1994*. In order to lawfully operate you may also require permits / approvals from your local government authority, other business units within the department, and other State and Federal Government agencies prior to commencing any activity at the site. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access State controlled roads), the Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development (to clear vegetation), and the Department of Primary Industries (to clear marine plants or to obtain a quarry material allocation).

Obligations under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act)

Matters of national environmental significance (MNES) are regulated under the Commonwealth EPBC Act rather than under state legislation. You may need to submit a referral if your project potentially impacts any matters protected under the EPBC Act. For more information on self-assessments, and referral and assessment processes please visit the Department of Climate Change, Energy, the Environment and Water webpage, https://www.dcceew.gov.au/environment/epbc/advice.

Obligations under the *Mining and Quarrying Safety and Health Act 1999*

If you are operating a quarry, other than a sand and gravel quarry where there is no crushing capability, you will be required to comply with the *Mining and Quarrying Safety and Health Act 1999*. For more information on your obligations under this legislation contact Mine Safety and Health at https://www.nrmmrrd.qld.gov.au/, or phone 13 QGOV (13 74 68) or your local Mines Inspectorate Office.

Development Approval

This permit is not a development approval under the *Planning Act 2016*. The conditions of this environmental authority are separate, and in addition to, any conditions that may be on the development approval. If a copy of this environmental authority is attached to a development approval, it is for information only, and may not be current. Please contact the Department of the Environment, Tourism, Science and Innovation to ensure that you have the most current version of the environmental authority relating to this site.

Obligations under the *Aboriginal Cultural Heritage Act 2003* and *Torres Strait Islander Cultural Heritage Act 2003* (the Cultural Heritage Acts)

The Cultural Heritage Acts require anyone who carries out a land-use activity to exercise a duty of care. This 'duty of care' means land users must take all reasonable and practicable measures to ensure their activity does not harm Aboriginal or Torres Strait Islander cultural heritage, and applies to any activity where Aboriginal or Torres Strait Islander cultural heritage is located. For more information on your obligations under this legislation, please visit the Department of Women, Aboriginal and Torres Strait Islander Partnerships and Multiculturalism webpage at, https://www.dwatsipm.qld.gov.au/.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Conditions of environmental authority

Agency interest: General	
Condition number	**Condition**
G1.0	Activities under this environmental authority must be conducted in accordance with the following limitations: a) The quantity of timber milled must not exceed 60,000 tonnes per year; b) The quantity of material crushed, milled, ground and screened must not exceed 5,000 tonnes per year; c) Operations must occur in accordance with the site plan included in *Appendix 1: Site Layout Plan*.
G2.0	The person undertaking the activity to which this environmental authority relates must: a) at monthly intervals, make a record of the total amount, in tonnes, of timber milled at the approved place for the preceding month; and b) at the end of each anniversary year, calculate and make a record of the total amount of timber milled over that year; and c) provide this documentation to the administering authority upon request.
G3.0	All reasonable and practicable measures must be taken to prevent or minimise environmental harm caused by the activities.
G4.0	Unless specifically authorised by a condition of this environmental authority, this environmental authority does not authorise a relevant act which is: a) an act that causes serious or material environmental harm or an environmental nuisance; or b) an act that contravenes a noise standard; or c) a deposit of a contaminant, or release of stormwater run-off, mentioned in section 440ZG of the *Environmental Protection Act 1994*.
G5.0	**Contravention of conditions** Unless specifically authorised by a condition of this environmental authority, details of any contravention of a condition of this environmental authority must: a) be reported to the administering authority within 24 hours of becoming aware of the contravention; and b) include the nature and circumstances of the contravention and any immediate actions taken.
G5.1	As soon as reasonably practicable but no later than 20 business days of a report made under condition G5.0 (or a longer period agreed to in writing by the administering authority), an investigation must be undertaken to determine: a) the potential circumstances and actions that may have contributed to the contravention; and b) reasonable and practicable measures that will be implemented to address the cause of the contravention to prevent future contraventions of this nature.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

G5.2	As soon as reasonably practicable but no later than 20 business days of investigating a contravention under condition G5.1 (or a longer period agreed to in writing by the administering authority), the reasonable and practicable measures identified in the investigation must be implemented.
G5.3	The outcome of the investigation carried out under condition G5.1 and the reasonable and practicable measures implemented under condition G5.2 must be recorded.
G6.0	**Complaints** The following details must be recorded for all complaints received and provided to the administering authority upon request: a) date and time the complaint was received; and b) if authorised by the person making the complaint, their name and contact details; and c) nature and details of the complaint.
G6.1	As soon as reasonably practicable but no later than 5 business days of receiving a complaint (or a longer period agreed to in writing by the administering authority), an investigation must be undertaken to determine: a) the potential circumstances and actions on site that may have contributed to the basis of the complaint; and b) reasonable and practicable measures that will be implemented to address the complaint.
G6.2	As soon as reasonably practicable but no later than 5 business days of investigating a complaint under condition G6.1 (or a longer period agreed to in writing by the administering authority), the reasonable and practicable measures identified in the investigation must be implemented.
G6.3	The outcome of the investigation carried out under condition G6.1 and the reasonable and practicable measures implemented under condition G6.2 must be recorded.
G7.0	When required by the administering authority, monitoring must be undertaken in the manner prescribed by the administering authority, to investigate a complaint of environmental nuisance arising from the activity. The monitoring results must be provided within 10 business days to the administering authority upon its request.
G8.0	**Environmental risk management procedures** Prior to the commencement of the activity, written procedures must be developed and implemented by an appropriately qualified person that ensure: a) all potential risks to the environment from the carrying out of the activity are identified and assessed, including: i. during routine operations; and ii. outside routine operations (e.g., maintenance, start up and shut down); and iii. during preparation, rehabilitation, and closure; and iv. in an emergency (e.g., fire, flood or other natural disaster); and b) for each potential risk identified, any necessary measures to prevent or minimise the potential for environmental harm are implemented; and c) staff understand their obligations under this environmental authority and the

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

<table>
<tr><td></td><td>Environmental Protection Act 1994; and
d) environmental risk management procedures are continually reviewed and improved, based on a reasonable risk-management approach.</td></tr>
<tr><td>G8.1</td><td>Written procedures required by condition G8.0 must be:
a) implemented;
b) kept in a location readily accessible to personnel carrying out the activity; and
c) reviewed at least annually or following any amendments made to the environmental authority.</td></tr>
<tr><td>G9.0</td><td>Plant and equipment
An appropriately qualified person must install, operate, calibrate, and maintain the plant and equipment required to carry out the activity (including monitoring devices) in a proper and effective manner.</td></tr>
<tr><td>G10.0</td><td>Record keeping
Unless otherwise specified by a condition of this environmental authority, records must be:
a) kept for the period outlined in Table G1– Record keeping requirements; and
b) provided to the administering authority upon request and in the format requested.
Table G1– Record keeping requirements<table><tr><th>Description of records</th><th>Retention requirement</th></tr><tr><td>Monitoring results</td><td>Retain for 15 years</td></tr><tr><td>All other records</td><td>Retain for 5 years</td></tr></table></td></tr>
<tr><td>G11.0</td><td>Chemical storage
Chemicals and fuels in containers of greater than 15 litres must be stored within a secondary containment system.</td></tr>
<tr><td>G12.0</td><td>Monitoring and sampling
All monitoring and sampling required by the conditions of this environmental authority must be carried out, interpreted, and recorded by an appropriately qualified person.</td></tr>
<tr><td>G12.1</td><td>Unless otherwise authorised in writing by the administering authority, all laboratory analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities (NATA) accreditation for such analyses.
The only exception to this condition is for in situ monitoring of pH, electrical conductivity (EC), dissolved oxygen (DO) and temperature.</td></tr>
<tr><td>G12.2</td><td>When requested by the administering authority, monitoring must be undertaken in the manner prescribed by the administering authority to investigate potential or actual environmental harm arising from the activity. The results of monitoring must be provided to the administering authority within the timeframe and in the format specified in the request.</td></tr>
</table>

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Agency interest: Air	
Condition number	**Condition**
A1.0	Other than as permitted within this environmental authority, odours or airborne contaminants must not cause environmental nuisance to any sensitive place or commercial place.
A2.0	Dust and particulate matter emissions from the activity must not exceed the following concentrations at a sensitive place or a commercial place: a) dust deposition of 120 milligrams per square metre per day, averaged over 30 days, when monitored in accordance with the latest edition of Australian Standard AS/NZS 3580.10.1 *Methods for sampling and analysis of ambient air, Method 10.1: Determination of particulate matter – Deposited matter – Gravimetric method*; or b) a concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM_{10}) suspended in the atmosphere of: i. 50 micrograms per cubic metre over a 24-hour averaging time; and ii. 25 micrograms per cubic metre over one-year averaging time; when monitored in accordance with the most current edition of the relevant Australian Standards.
A3.0	Air quality monitoring, including for dust and point source emissions from the activity, must be undertaken in accordance with the latest edition of: a) the relevant Australian Standards; or b) a method approved by any other Australian, European or North American jurisdiction/EPAs (if monitoring requirements are not described in the Australian Standards).
A4.0	An effective dust suppression system must be installed, operated and maintained on mechanical processing equipment to minimise the release of dust to the atmosphere.
A5.0	Trafficable areas must be maintained using reasonable and practicable measures necessary to minimise the release of dust to the atmosphere.
Agency interest: Land	
Condition number	**Condition**
L1.0	Other than as permitted within this environmental authority, contaminants must not be released to land.
L2.0	Erosion and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment to waters.
L3.0	Before applying to surrender this environmental authority, the site must be rehabilitated to achieve a safe, stable, non-polluting landform and be suitable for the intended land use.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

<table>
<tr><th colspan="2">Agency interest: Noise</th></tr>
<tr><th>Condition number</th><th>Condition</th></tr>
<tr><td>N1.0</td><td>Other than as permitted within this environmental authority, noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place.</td></tr>
<tr><td>N2.0</td><td>Noise from the activity must not include substantial low frequency noise components and must not exceed the levels identified in Table N1 - Noise limits at any sensitive place or commercial place.
Table N1 - Noise limits
<table>
<tr><th rowspan="2">Noise level measured in dB(A)</th><th colspan="3">Monday to Saturday</th><th colspan="3">Sundays and public holidays</th></tr>
<tr><th>6am - 7am</th><th>7am - 6pm</th><th>6pm - 6am</th><th>6am - 7am</th><th>7am - 6pm</th><th>6pm - 6am</th></tr>
<tr><td></td><td colspan="6">Noise measured at a sensitive place</td></tr>
<tr><td>$L_{Aeq, adj, 1hr}$</td><td>37</td><td>50</td><td>No audible noise</td><td colspan="3">No audible noise</td></tr>
<tr><td>$L_{Amax, 1hr}$</td><td>Not applicable</td><td>Not applicable</td><td>No audible noise</td><td>Not applicable</td><td>Not applicable</td><td>No audible noise</td></tr>
<tr><td></td><td colspan="6">Noise measured at a commercial place</td></tr>
<tr><td>$L_{Aeq, adj, 1hr}$</td><td>55</td><td>55</td><td>No audible noise</td><td colspan="3">No audible noise</td></tr>
</table></td></tr>
<tr><td>N3.0</td><td>Noise monitoring
All monitoring of noise emissions from the activity must be undertaken when the activity is in operation.</td></tr>
<tr><td>N3.1</td><td>The following must be recorded when undertaking monitoring of noise emissions from the activity:
a) All equipment in operation at the time of the noise measurement; and
b) The mode of operation at the time of the noise measurement.</td></tr>
<tr><td>N3.2</td><td>Noise measurements must be taken using a class 1 sound level meter as classified under AS IEC 61672.</td></tr>
<tr><td>N3.3</td><td>All monitoring of noise emissions from the activity must be undertaken in accordance with the latest edition of the 'Noise measurement manual' (available on the Queensland government website - ESR/2016/2195), the relevant Australian Standard and the Environmental Protection Regulation 2019 (Chapter 5, Part 4).</td></tr>
<tr><td>N3.4</td><td>When required by the administering authority, noise monitoring must be undertaken and the results notified within 14 days to the administering authority. In addition to the monitoring requirements specified in conditions N2.0 to N3.0, monitoring must include:
a) $L_{Aeq, adj, T}$;</td></tr>
</table>

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

	b) Background noise (Background) as $L_{A90,\ adj,\ T}$; c) $L_{Amax,\ 1\ hr}$; d) the level and frequency of occurrence of any impulsive or tonal noise; e) atmospheric conditions including wind speed and direction; f) effects due to extraneous factors such as traffic noise; and g) recording of location, date and time of measurements.

Agency interest: Waste	
Condition number	**Condition**
W1.0	All waste generated in carrying out the activity must be lawfully reused, recycled or removed to a facility that can lawfully accept the waste.
W2.0	Waste material produced by the activity must not be burned.

Agency interest: Water	
Condition number	**Condition**
WT1.0	Other than as permitted within this environmental authority, contaminants must not be released to any waters.
WT2.0	Contaminants must not be released to groundwater or at a location where they are likely to release to groundwater.
WT3.0	**Stormwater** Stormwater must be managed to: a) prevent stormwater from being contaminated by the activity; or b) direct stormwater that is contaminated by the activity to stormwater treatment and retention measures.
WT3.1	Stormwater treatment and retention measures must have capacity to retain stormwater runoff from disturbed areas generated by a rainfall event up to and including a 24-hour rainfall event with an Annual Exceedance Probability (AEP) of 10%.
WT4.0	Stormwater that is not contaminated by the activity must be diverted away from areas where it may become contaminated by the activity.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Definitions

Key terms and/or phrases used in this document are defined in this section. Where a term is not defined, the definition in the *Environmental Protection Act 1994*, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

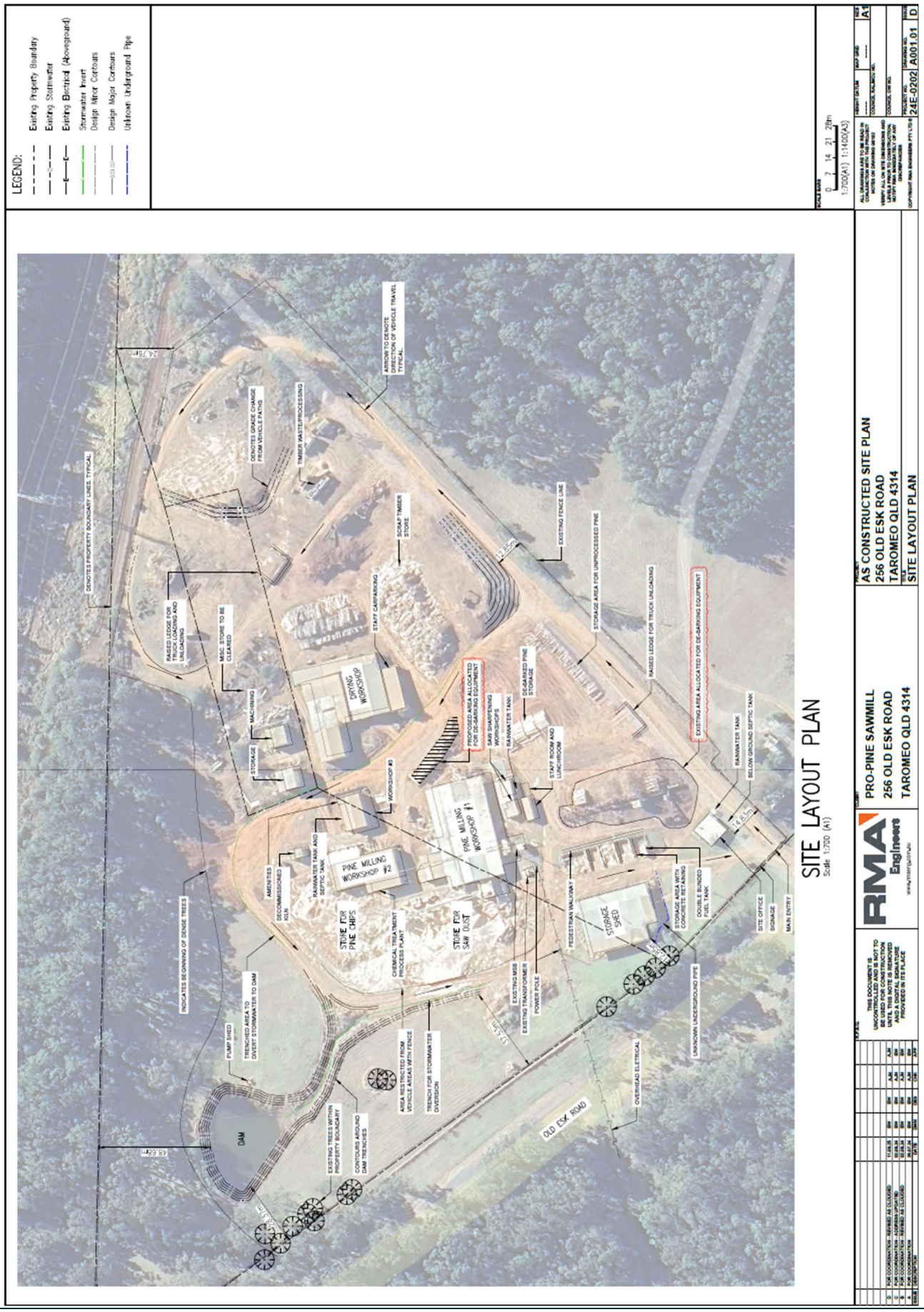
24-hour rainfall event with an Annual Exceedance Probability of 10% means the maximum Design Rainfall Depth (mm) from a 24-hour duration precipitation event with an annual exceedance probability of 10%. The Design Rainfall Depth (mm) for an AEP probability of 10% over a 24-hour duration can be calculated for your location using the Intensity–Frequency–Duration (IFD) Design Rainfall Data System on the Bureau of Meteorology website.
Activity means the environmentally relevant activities, whether resource activities or prescribed activities, to which the environmental authority relates.
Administering authority means the Department of the Environment, Tourism, Science and Innovation or its successors or predecessors.
Annual exceedance probability (AEP) means the probability that a given rainfall total accumulated over a given duration will be exceeded in any one year.
Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills and experience relevant to the EA requirement and can give authoritative assessment, advice and analysis in relation to the EA requirement using the relevant protocols, standards, methods or literature.
Background means noise, measured in the absence of the noise under investigation, as $L_{A90,T}$ being the A-weighted sound pressure level exceeded for 90% of the time period of not less than 15 minutes, using Fast response.
Commercial place means a place, or part of a place, used as a workplace, an office or for business or commercial purposes.
Disturbed areas means areas disturbed by the carrying out of the activity including areas: a) that are susceptible to erosion; and/or b) that are contaminated by the activity; and/or c) upon which stockpiles of soil or other materials are located.
Environmental nuisance as defined in Chapter 1 of the *Environmental Protection Act 1994*.
Environmental value as defined in Chapter 1 of the *Environmental Protection Act 1994*.
GDA means Geocentric Datum of Australia.
Groundwater means water that occurs naturally in, or is introduced artificially into, an aquifer.
$\mathbf{L_{Aeq\ adj,\ 1\ hr}}$ means an A-weighted sound pressure level of a continuous steady sound, adjusted for tonal character, that within a 1-hour period has the same mean square sound pressure of a sound that varies with time.
$\mathbf{L_{Aeq\ adj,T}}$ means the adjusted A weighted equivalent continuous sound pressure level measures on fast response, adjusted for tonality and impulsiveness, during the time period T, where T is measured for a period no less than 15 minutes when the activity is causing a steady state noise, and no shorter than one hour when the approved activity is causing an intermittent noise

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

$L_{Amax,\ 1\ hr}$ means the maximum A-weighted sound pressure level over the 1-hour measurement period.
Max,$L_{pA,T}$ means the maximum A-weighted sound pressure level measured over a time period T of not less than 15 minutes, using Fast response
Land has the meaning in the meaning in the Macquarie Dictionary and does not include air or waters.
Measures have the broadest interpretation and includes plant, equipment, physical objects, monitoring, procedures, actions, directions and competency.
NATA means National Association of Testing Authorities.
Noxious means harmful or injurious to health or physical well-being.
Offensive means causing offence or displeasure, is unreasonably disagreeable to the sense, disgusting, nauseous or repulsive.
Records include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this authority.
Regulated waste as defined in the Environmental Protection Regulation 2019.
Secondary containment system means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system, to land, groundwater, or surface waters.
Sensitive place is any part of the following: a) a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or b) a motel, hotel or hostel; or c) a kindergarten, school, university or other educational institution; or d) a medical centre or hospital; or e) a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 2004* or a World Heritage Area; or f) a public park or garden; or g) for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2019.
Substantial low frequency noise means a noise emission that has an unbalanced frequency spectrum shown in a one-third octave band measurements, with a predominant component within the frequency range 10 to 200 Hz. It includes any noise emission likely to cause an overall sound pressure level at a noise sensitive place exceeding 55 dB(Z).
Vibration is the oscillating or periodic motion of a particle, group of particles, or solid object about its equilibrium position.
Waters includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part thereof.
You means the holder of the environmental authority.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Appendix 1: Site Layout Plan



Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

END OF ENVIRONMENTAL AUTHORITY

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

420 Flinders Street, Townsville QLD 4810
PO Box 1090, Townsville QLD 4810
ergon.com.au

□□ □ □t□□er □□□□

□□ie□□□e□□ti□e □ □i□er
S□□t□ B□rnett Regi□nal □□□n□il
Attention: Senior Planner - Sam
Via email: info@sbrc.qld.gov.au

□□ L□ng□ait Pt□ Ltd
□ □□In□init□m Partners
Attention: Scott Hambleton
Via email: scott.h@i-p.au

Dear Sir□Madam□

Ergon Advice Agency Response
Our Ref: ECM 28242811

T□is Re□erral □gen□□ res□□nse is gi□en □nder se□ti□n □□ □□t□e *Planning Act 2016.*

Response	
□ □t□□me Re□erral assessment □a□a□it□	□□□r□□ed in □ll □s□□e□t t□ □□nditi□ns □d□i□e
Matters re□erral assessment made against □S□□□□□□	T□e □□r□□se □□t□e *Electricity Act 1994* and *Electricity Safety Act* □□□□
Reas□ns □□r de□isi□n □S□□□□□□□□□	T□e □□r□s d□ n□t □□n□li□t □it□□ ▪ t□e □□□e□ti□es set □□t □it□in Part □□Se□ti□n □ □□ t□e □le□tri□it□ □□t □□□□ ▪ t□e □□r□□se □□t□e □le□tri□it□ Sa□et□ □□t □□□□ as set □□t □it□in Part □Di□isi□n □Se□ti□n □ □ □□ T□e □□r□s d□ n□t ad□ersel□ im□a□t □n t□e sa□e□e□i□ient□ and e□□n□mi□all□ □ia□le □□erati□n □□t□e s□□□l□net□□r□□

Have you seen our fact sheets?
See the 'considerations when developing around electricity infrastructure' section of our website
□□□ erg□n□□m a□re□erralagen□□

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Development Details	
□□□li□ant	In□init□m Partners
□ssessment Manager	S□□t□ B□rnett Regi□nal □□□n□il
□□□n□il □□□li□ati□n □□□	M□□□□□□□□□□
Street □ddress	□□□ □ □□□ □ld □s□ R□ad□Tar□me□
RPD	L□ts □□□ □ □□□ □n SP□□□□□□
De□el□□ment T□□e	M□□ □□r □ig□ Im□a□t Ind□str□
Re□erral Trigger	☒ S□□ed□le □□□Part □□Di□isi□n □□Ta□le □□Item □ □□□□□□□□□□□□– Material □□ange □□□se □□□remises □it□in □□□m □□a s□□stati□n site □r s□□□e□t t□ an easement □□r t□e □ene□it □□a distri□□ti□n entit□ □nder t□e □le□tri□it□ □□t and t□e easement is □□r a s□□□l□ net□□r□
Im□a□ted □le□tri□al In□rastr□□t□re	□asement □ □n SP□□□□□□□ □ D □n SP□□□□□□□

□rg□n □r□□ides t□e □ll□□ing res□□nse t□ t□e a□□li□ati□n in a□□□rdan□e □it□ Se□ti□n □□□□□□□□t□e *Planning Act 2016:*

□□m□□nent □□ De□el□□ment	□d□i□e □gen□□ dire□ti□n
M□□□R□L□□P□	☒ S□□□□□□□□□i□– a□□r□□al s□□□e□t t□ stated de□el□□ment □□nditi□ns

In a□□□rdan□e □it□ Se□ti□n □□□□□s□□□ld t□e □ssessment Manager de□ide t□ a□□r□□e t□e □r□□□sed De□el□□ment □□□li□ati□n□as an □d□i□e □gen□□□□rg□n re□□ires t□at t□e assessment manager im□□se t□e □el□□ □□nditi□ns□T□ese □□nditi□ns □a□e □een im□□sed in res□□nse t□ t□e matters □res□ri□ed □nder Se□ti□n □□ □□□□□t□e *Planning Act 2016.*

Table 1			
Plans forming part of this Approval			
Title	*Plan No.*	*Issue*	*Date*
Site La□□□t Plan	□□□□□□□□	D	□□□□□□□□□

Table 2			
Condition		*Timing*	*Purpose/Reason*
□	□arr□ □□t t□e a□□r□□ed de□el□□ment generall□ in a□□□rdan□e □it□ t□e a□□r□□ed □lans and d□□□ments □□tlined □it□in Ta□le □ □□t□is a□□r□□al and t□e □ll□□ing□	□t all times	T□ ens□re t□e de□el□□ment is □arried □□t generall□ in a□□□rdan□e □it□ t□e □lans □□de□el□□ment

Have you seen our fact sheets?
See the 'considerations when developing around electricity infrastructure' section of our website
□□□ □erg□n□□□m a□□re□erralagen□□

	▪ T□e s□e□i□ati□ns□a□ts and □ir□□mstan□es as set □□t in t□e de□el□□ment a□□li□ati□n s□□mitted t□ □rg□n□and ▪ □ □ere a dis□re□an□□ □r □□n□li□t e□ists □et□een t□e □ritten □□nditi□ns □□t□e a□□r□□al and t□e a□□r□□ed □lans□t□e re□□irements □□t□e □ritten □□nditi□ns □re□ail		s□□mitted □it□in t□e a□□li□ati□n
□	□n□alterati□ns t□ t□e □lans and d□□□ment□s□identi□ied □it□in Ta□le □ □□ t□is res□□nse are t□ □e res□□mitted t□ □rg□n □□r □□mment□	□t all times	T□ ens□re t□e de□el□□ment is □arried □□t generall□in a□□□rdan□e □it□ t□e □lans □□de□el□□ment s□□mitted □it□in t□e a□□li□ati□n
□	□□□ess t□ t□e easement and a□□ess al□ng t□e easement m□st □e a□aila□le t□ □rg□n □ers□nnel and □ea□□e□□i□ment at all times□ □rg□n □ill re□□ire t□e De□el□□er □□□ner t□ s□□□l□and install gates □□ere □en□ing □r□□i□its a□□ess t□ and al□ng t□e easement area□	□t all times	T□ ens□re t□e de□el□□ment is □arried □□t generall□in a□□□rdan□e □it□ t□e □lans □□de□el□□ment s□□mitted □it□in t□e a□□li□ati□n
□	□at□ral gr□□nd le□els □n t□e easement are n□t □e dist□r□ed □it□□□t □rg□n's a□□r□□al□	□t all times	T□ ens□re t□e de□el□□ment is □arried □□t generall□in a□□□rdan□e □it□ t□e □lans □□de□el□□ment s□□mitted □it□in t□e a□□li□ati□n
□	□□ □i□il □□r□s are t□ □□□□r □it□in □ metres □□an□ □art □□an □rg□n Str□□t□re □it□□□t □rg□n's a□□r□□al□	□t all times	T□ ens□re t□e de□el□□ment is □arried □□t generall□in a□□□rdan□e □it□ t□e □lans □□de□el□□ment s□□mitted □it□in t□e a□□li□ati□n

General □d□i□e□

- □□m□lian□e □it□ t□e □le□tri□al Sa□et□ □□t □□□□□in□l□ding an□ □□de □□ Pra□ti□e □nder t□e □□t and t□e □le□tri□al sa□et□Reg□lati□n □□□□ in□l□ding an□sa□et□e□□l□si□n □□nes de□ined in t□e Reg□lati□n is mandat□r□

Have you seen our fact sheets?
See the 'considerations when developing around electricity infrastructure' section of our website
□□□□erg□n□□□m□a□□re□erralagen□□

S□□□ld an□ d□□□t e□ist in maintaining t□e □res□ri□ed □earan□e t□ t□e □□er□ead □□nd□□t□rs and ele□tri□al in□rastr□□t□re t□en t□e a□□li□ant is □□liged □nder t□e □□t t□ see□ ad□i□e □□m □rg□n□

- □n□ □□sts in□□rred □□ □rg□n as a res□lt □□t□e □□r□s □n t□e easement are t□ □e met □□t□e □r□□ert□ De□el□□er □□□ner□

- T□is res□□nse d□es n□t □□nstit□te an a□□r□□al t□ □□mmen□e an□ □□r□s □it□in t□e easement□□ □nsent t□ □□mmen□e □□r□s rele□ant t□ t□e □□nditi□ns □□t□e easement is re□□ired□□ll □□r□s □n easement in□l□ding □□t n□t limited t□ eart□□ □r□s□drainage and detenti□n □asins□r□ad □□nstr□□ti□n□ □ndergr□□nd and □□er□ead ser□i□es installati□n□re□□ire detailed s□□missi□ns□assessment□and □□nsent □□r □t□er□ise□□□ □rg□n□

- □ll □□r□s □r□□□sed t□ □e □nderta□en in □l□se □r□□imit□t□ □□er□ead □r □ndergr□□nd ele□tri□al lines are t□ □e □nderta□en in a□□□rdan□e □it□ □rg□ns's Works Practice Manual WP1323. This document refers to various standards□g□idelines□□al□□lati□ns□legal re□□irements□te□□ni□al details□ and □t□er in□□rmati□n rele□ant t□ □□r□ing near □ig□ □□ltage in□rastr□□t□re□□ □□□□ □□□ P□□□□ □an □e □□□nd □nline □ia □rg□n's document library □D□□□ment li□rar□ □□rg□n□□

S□□□ld □□□ re□□ire an□ □□rt□er in□□rmati□n □n t□e a□□□e matter□□lease □□nta□t t□e □ndersigned □n □□□□ □□□ □□□ □r □ia email at t□□n□lanning□ erg□n□□□m□a□□

□□□rs □ait□□□ll□□



Scott Pearson
Seni□r T□□n Planner

Have you seen our fact sheets?
See the 'considerations when developing around electricity infrastructure' section of our website
□□□ erg□n□□□m□a□re□erralagen□□

Our Ref: DA6460
MSLink/s: 9074
Council Ref: MCU25/0032

9 October 2025

South Burnett Regional Council
PO Box 336
KINGAROY QLD 4610

Attention: Sam – Senior Planner
Via Email: info@sbrc.qld.gov.au

Longwait Pty Ltd
C/- Infinitum Partners
Suite 4 Ground Floor, 50 Hudson Road
ALBION QLD 4010

Attention: Scott Hambleton
Via Email: scott.h@i-p.au

Dear Sam,

Referral Agency Response (Advice)

(Given under Section 9.2 of the Development Assessment Rules)

Transmission Infrastructure Impacted	
Transmission Corridor	Tarong – South Pine 275kV Transmission Line Corridor
Easement ID	P on AP4871 (Dealing No. 602485002)
Location Details	
Street address	256 & 258 Old Esk Road Taromeo, QLD 4314
Real property description	Lot 228 on SP136942 & Lot 229 on SP136942
Local government area	South Burnett Regional Council
Application Details	
Proposed development:	Material Change of Use for High Impact Industry (Increase Sawmill Throughput) And ERA 47(C) & ERA 33
Approval sought	Development Permit

We refer to the above referenced development application which has been referred to Powerlink Queensland in accordance with Section 54 of the *Planning Act 2016*.

In accordance with its jurisdiction under Schedule 10 Part 9 Division 1&2 of the *Planning Regulation 2017*, Powerlink Queensland is a **Referral Agency (Advice)** for the above development application.

Specifically, the application has been triggered for assessment by Powerlink Queensland because:

1. For **material change of use** – all or part of the premises are subject to a transmission entity easement which is part of the transmission supply network (Division 2, Table 2 1b)

PLANS AND REPORTS ASSESSED

The following plans and reports have been reviewed by Powerlink Queensland and form the basis of our assessment. Any variation to these plans and reports may require amendment of our advice.

Table 1: Plans and Reports upon which the assessment is based

Drawing / Report Title	Prepared by	Dated	Reference No.	Version / Issue
As Constructed Site Plan	RMA Engineers	11/09/2025	A001.01	D

Powerlink Queensland, acting as a Referral Agency (Advice) under the *Planning Regulation 2017* provides its response to the application as attached **(Attachment 1)**.

Please treat this response as a properly made submission for the purposes of Powerlink being an eligible advice agency in accordance with the *Planning Act 2016*.

For further information please contact the Property Management Team on (07) 3898 4090 or via email property@powerlink.com.au who will be pleased to assist.

Yours sincerely,

for:
Laura Donaldson
Property Management Team Leader

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

ATTACHMENT 1 – REFERRAL AGENCY (ADVICE) RESPONSE

Powerlink Queensland **supports** this application subject to the inclusion of the following conditions in the Assessment Manager's Decision Notice.

No.	Condition	Timing	Reason
1	The development must be carried out generally in accordance with the reviewed plans detailed in Table 1.	At all times.	To ensure that the development is carried out generally in accordance with the plans of development submitted with the application.
2	The statutory clearances set out in the *Electrical Safety Regulation 2013* must be maintained during construction and operation. No encroachment within the statutory clearances is permitted.	At all times.	To ensure that the purpose of the *Electrical Safety Act 2002* is achieved, and electrical safety requirements are met.
3	Compliance with the terms and conditions of the easement dealing no. shown in the heading of this letter.	At all times.	To ensure that the existing rights contained in the registered easement dealings are maintained.
4	Compliance with the generic requirements in respect to proposed works in the vicinity of Powerlink Queensland infrastructure as detailed in the enclosed Annexure "A".	At all times.	To ensure that the purpose of *the Electrical Safety Act 2002* is achieved and electrical safety requirements are met. To ensure the integrity of the easement is maintained.

Advice to Council and the Applicant

1. Should any doubt exist in maintaining the prescribed clearance to electrical infrastructure the applicant is obliged under the *Electrical Safety Act 2002* to seek advice from Powerlink.

2. This response **does not constitute an approval to commence any works within the easement**. Prior written approval is required from Powerlink Queensland before any work is undertaken within the easement areas. All works on easement (including but not limited to earthworks, drainage and detention basins; road construction; underground and overhead service installation) require detailed submissions, assessments and consent (or otherwise) by Powerlink. If referral of a formal Development Application – Operational Works is not applicable, please complete a Co-Use Form, available at https://www.powerlink.com.au/co-use-form, to lodge your submission.

3. In order for Powerlink to maintain and operate a safe and reliable supply of electricity, we require unrestricted 24-hour access to our corridors and infrastructure.

   We will require practical access (typically by 4WD vehicle – but to standard no less than existing) to the Powerlink structures.

   If it is envisaged that there will be any interference or alteration to our current access arrangements prior, during or after the completion of your works, we require that the applicant contacts our Easement

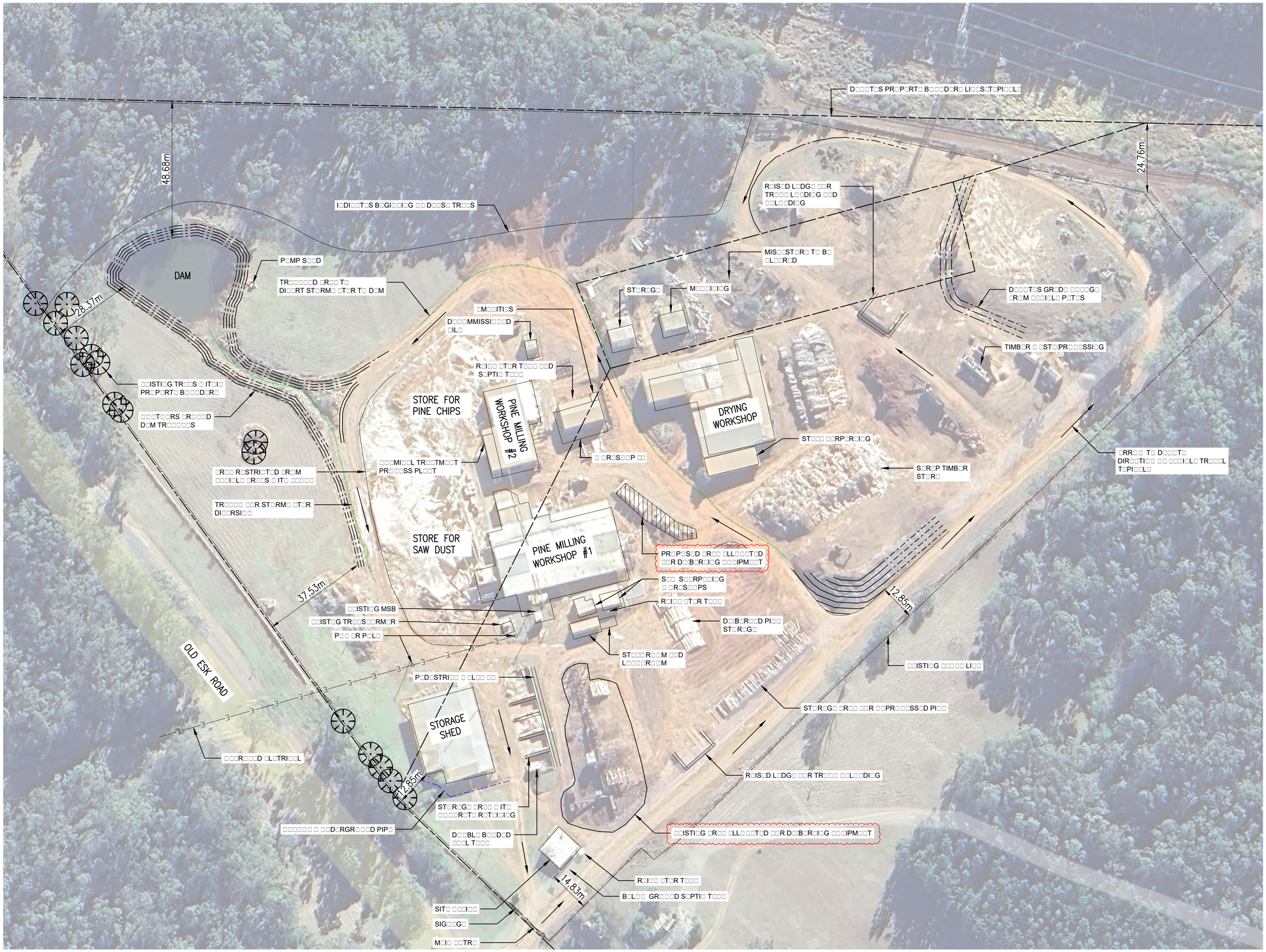
Maintenance Service Provider Works Control Manager Easements – Mr Ehren Wittmer – Ph: 0418 233 916) to formalise unrestricted 24-hour access arrangements.

4. Compliance with the *Electrical Safety Act 2002* including any Code of Practice under the Act and the *Electrical Safety Regulation 2013* including any safety exclusion zones defined in the Regulation.

   In respect of this application, the exclusion zone for untrained persons and for operating plant operated by untrained persons is **six (6) metres** from the **275,000-volt** wires and exposed electrical parts.

   If works have the potential to come within the prescribed clearance to the conductors and electrical infrastructure, then the applicant must seek advice from Powerlink by completing the attached Application for Safety Advice – Form and submitting to property@powerlink.com.au

ATTACHMENT 2 – ASSESSED PLANS


48.68m
DAM
P□MP S□□D
TR□□□□□D □R□□ T□
DI□□RT ST□RM□ □T□R T□ D□M
I□DI□□T□S B□GI□□I□G □□ D□□S□ TR□□S
D□□□T□S PR□P□RT□ B□□□D□R□ LI□□S□T□PI□□L□
24.76m
R□IS□D L□DG□ □□R
TR□□□ L□□DI□G □□D
□□L□□DI□G
MIS□□ST□R□ T□ B□
□L□□R□D
ST□R□G□
M□□□I□I□G
D□□□T□S GR□D□ □□□□G□
□R□M □□□I□L□ P□T□S
TIMB□R □ □ST□PR□□□SSI□G
□M□□ITI□S
D□□□MMISSI□□□D
□IL□
R□I□□ □T□R T□□□ □□D
S□PTI□ T□□□
STORE FOR
PINE CHIPS
PINE MILLING
WORKSHOP #2
DRYING
WORKSHOP
□ □R□S□□P □□
ST□□□ □□RP□R□I□G
S□R□P TIMB□R
ST□R□
□RR□□ T□ D□□□T□
DIR□□TI□□ □□ □□□I□L□ TR□□□L
T□PI□□L□
□□ISTI□G TR□□S □ IT□I□
PR□P□RT□ B□□□D□R□
□□□T□□RS □R□□□D
D□M TR□□□□□S
□R□□ R□STRI□T□D □R□M
□□□I□L□ □R□□S □ IT□ □□□□□
□□□MI□□L TR□□TM□□T
PR□□□SS PL□□T
TR□□□□ □□R ST□RM□ □T□R
DI□□RSI□□
STORE FOR
SAW DUST
PINE MILLING
WORKSHOP #1
PR□P□S□D □R□□ □LL□□□T□D
□□R D□□B□R□I□G □□□IPM□□T
S□□ S□□RP□□I□G
□ □R□S□□PS
R□I□□ □T□R T□□□
D□□B□R□□D PI□□
ST□R□G□
ST□□□ R□□M □□D
L□□□□R□□M
□□ISTI□G MSB
□□IST□G TR□□S□□RM□R
P□□ □R P□L□
37.53m
QLD ESK ROAD
P□D□STRI□□ □ □L□□ □□
STORAGE
SHED
□□□R□□□D □L□TRI□□L
12.85m
ST□R□G□ □R□□ □ IT□
□□□□R□T□ R□T□I□I□G
□□□□□□ □ □□D□RGR□□□D PIP□
D□ □BL□ B□□D□D
□□□L T□□□
□□□□□□

ATTACHMENT 3 **Total of 3 Pages**

ANNEXURE A – GENERIC REQUIREMENTS

The conditions contained in this Annexure have been compiled to assist persons (the applicant) intending to undertake work within the vicinity of high-voltage electrical installations and infrastructure owned or operated by Powerlink. The conditions are supplementary to the provisions of the Electrical Safety Act 2002, Electrical Safety Regulation 2013 and the Terms and Conditions of Registered Easements and other forms of Occupational Agreements hereinafter collectively referred to as the "Easement". Where any inconsistency exists between this Annexure and the Easement, the Easement shall take precedence.

1. POWERLINK INFRASTRUCTURE

You may not do any act or thing which jeopardises the foundations, ground anchorages, supports, towers or poles, including (without limitation) inundate or place, excavate or remove any soil, sand or gravel within a distance of twenty (20) metres surrounding the base of any tower, pole, foundation, ground anchorage or support.

2. STRUCTURES

No structures should be placed within twenty (20) metres of any part of a tower or structure foundation or within 5m of the conductor shadow area. Any structures on the easement require prior written consent from Powerlink.

3. EXCLUSION ZONES

Exclusion zones for operating plant are defined in Schedule 2 of the Electrical Safety Regulation 2013 for Untrained Persons. All Powerlink infrastructure should be regarded as "electrically live" and therefore potentially dangerous at all times.

In particular your attention is drawn to Schedule 2 of the *Electrical Safety Regulation 2013* which defines exclusion zones for untrained persons in charge of operating plant or equipment in the vicinity of electrical facilities. If any doubt exists in meeting the prescribed clearance distances from the conductors, the applicant is obliged under this Act to seek advice from Powerlink.

4. ACCESS AND EGRESS

Powerlink shall at all times retain the right to unobstructed access to and egress from its infrastructure. Typically, access shall be by 4WD vehicle.

5. APPROVALS (ADDITIONAL)

Powerlink's consent to the proposal does not relieve the applicant from obtaining statutory, landowner or shire/local authority approvals.

6. MACHINERY

All mechanical equipment proposed for use within the easement must not infringe the exclusion zones prescribed in Schedule 2 of the Electrical Safety Regulation 2013. All operators of machinery, plant or equipment within the easement must be made aware of the presence of live high-voltage overhead wires. It is recommended that all persons entering the Easement be advised of the presence of the conductors as part of on site workplace safety inductions. The use of warning signs is also recommended.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

7. EASEMENTS

All terms and conditions of the easement are to be observed. Note that the easement takes precedence over all subsequent registered easement documents. Copies of the easement together with the plan of the Easement can be purchased from the Department of Environment & Resource Management.

8. EXPENDITURE AND COST RECOVERY

Should Powerlink incur costs as a result of the applicant's proposal, all costs shall be recovered from the applicant.

Where Powerlink expects such costs to be in excess of $10 000.00, advanced payments may be requested.

9. EXPLOSIVES

Blasting within the vicinity (500 metres) of Powerlink infrastructure must comply with AS 2187. Proposed blasting within 100 metres of Powerlink infrastructure must be referred to Powerlink for a detailed assessment.

10. BURNING OFF OR THE LIGHTING OF FIRES

We strongly recommend that fires not be lit or permitted to burn within the transmission line corridor and in the vicinity of any electrical infrastructure placed on the land. Due to safety risks Powerlink's written approval should be sort.

11. GROUND LEVEL VARIATIONS

Overhead Conductors

Changes in ground level must not reduce statutory ground to conductor clearance distances as prescribed by the Electrical Safety Act 2002 and the Electrical Safety Regulation 2013.

Underground Cables

Any change to the ground level above installed underground cable is not permitted without express written agreement of Powerlink.

12. VEGETATION

Vegetation planted within an easement must not exceed 3.5 metres in height when fully matured. Powerlink reserves the right to remove vegetation to ensure the safe operation of the transmission line and, where necessary, to maintain access to infrastructure.

13. INDEMNITY

Any use of the Easement by the applicant in a way which is not permitted under the easement and which is not strictly in accordance with Powerlink's prior written approval is an unauthorised use. Powerlink is not liable for personal injury or death or for property loss or damage resulting from unauthorized use. If other parties make damage claims against Powerlink as a result of unauthorized use then Powerlink reserves the right to recover those damages from the applicant.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

ATTACHMENT 3

14. INTERFERENCE

The applicant's attention is drawn to s.230 of the Electricity Act 1994 (the "Act"), which provides that a person must not wilfully, and unlawfully interfere with an electricity entity's works. "Works" are defined in s.12 (1) of the Act. The maximum penalty for breach of s.230 of the Act is a fine equal to 40 penalty units or up to 6 months imprisonment.

15. REMEDIAL ACTION

Should remedial action be necessary by Powerlink as a result of the proposal, the applicant will be liable for all costs incurred.

16. OWNERS USE OF LAND

The owner may use the easement land for any lawful purpose consistent with the terms of the registered easement; the conditions contained herein, the *Electrical Safety Act 2002* and the *Electrical Safety Regulation 2013*.

17. ELECTRIC AND MAGNETIC FIELDS

Electric and Magnetic Fields (EMF) occur everywhere electricity is used (e.g. in homes and offices) as well as where electricity is transported (electricity networks).

Powerlink recognises that there is community interest about Electric and Magnetic Fields. We rely on expert advice on this matter from recognised health authorities in Australia and around the world. In Australia, the Federal Government agency charged with responsibility for regulation of EMFs is the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA). ARPANSA's *Fact Sheet – Magnetic and Electric Fields from Power Lines*, concludes:

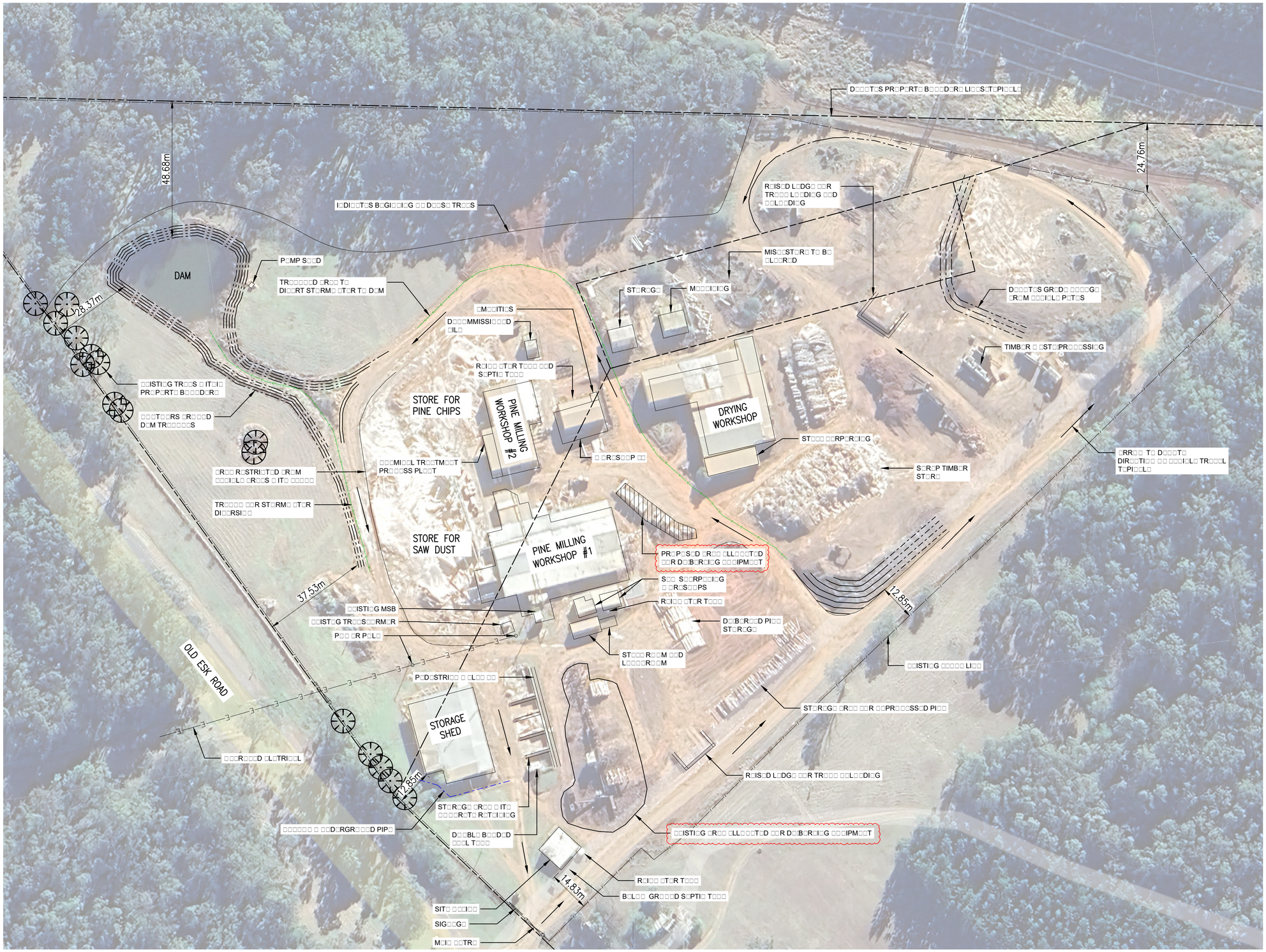
"On balance, the scientific evidence does not indicate that exposure to 50Hz EMF's found around the home, the office or near powerlines is a hazard to human health."

Whilst there is no scientifically proven causal link between EMF and human health, Powerlink nevertheless follows an approach of "*prudent avoidance"* in the design and siting of new powerlines. This includes seeking to locate new powerline easements away from houses, schools and other buildings, where it is practical to do so and the added cost is modest.

The level of EMF decreases rapidly with distance from the source. EMF readings at the edge of a typical Powerlink easement are generally similar to those encountered by people in their daily activities at home or at work. And in the case of most Powerlink lines, at about 100 metres from the line, the EMF level is so small that it cannot be measured.

Powerlink is a member of the ENA's EMF Committee that monitors and compiles up-to-date information about EMF on behalf of all electricity network businesses in Australia. This includes subscribing to an international monitoring service that keeps the industry informed about any new developments regarding EMF such as new research studies, literature and research reviews, publications, and conferences.

We encourage community members with an interest in EMF to visit ARPANSA's website: www.arpansa.gov.au Information on EMF is also available on the ENA's website: www.ena.asn.au



SITE LAYOUT PLAN

Scale 1:700 (A1)

LEGEND:

- Existing Property Boundary
- Existing Stormwater
- Existing Electrical (Aboveground)
- Stormwater Invert
- Design Minor Contours
- 609.00 Design Major Contours
- Unknown Underground Pipe

SCALE BARS

0 7 14 21 28m

1:700(A1) 1:1400(A3)

ISSUE	DESCRIPTION	DATE	DWN	DES	CHK	APP
D	FOR COORDINATION - REVISED AS CLOUDED	11.09.25	EW	EW	AJN	AJN
C	FOR COORDINATION - ADDRESS UPDATED	02.08.24	EW	EW	AJN	EW
B	FOR COORDINATION - REVISED AS CLOUDED	02.08.24	EW	EW	AJN	EW
A	FOR COORDINATION	26.07.24	EW	EW	AJN	EW

R.P.E.Q.

THIS DOCUMENT IS UNCONTROLLED AND IS NOT TO BE USED FOR CONSTRUCTION UNTIL THIS NOTE IS REMOVED AND A DIGITAL SIGNATURE PROVIDED IN ITS PLACE

RMA Engineers
www.rmaeng.com.au

CLIENT
PRO-PINE SAWMILL
256 OLD ESK ROAD
TAROMEO QLD 4314

PROJECT
AS CONSTRUCTED SITE PLAN
256 OLD ESK ROAD
TAROMEO QLD 4314

TITLE
SITE LAYOUT PLAN

ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT NOTES ON DRAWING G0102

VERIFY ALL ON SITE DIMENSIONS AND LEVELS PRIOR TO CONSTRUCTION. NOTIFY RMA IMMEDIATELY OF ANY DISCREPANCIES

COPYRIGHT RMA ENGINEERS PTY LTD ©

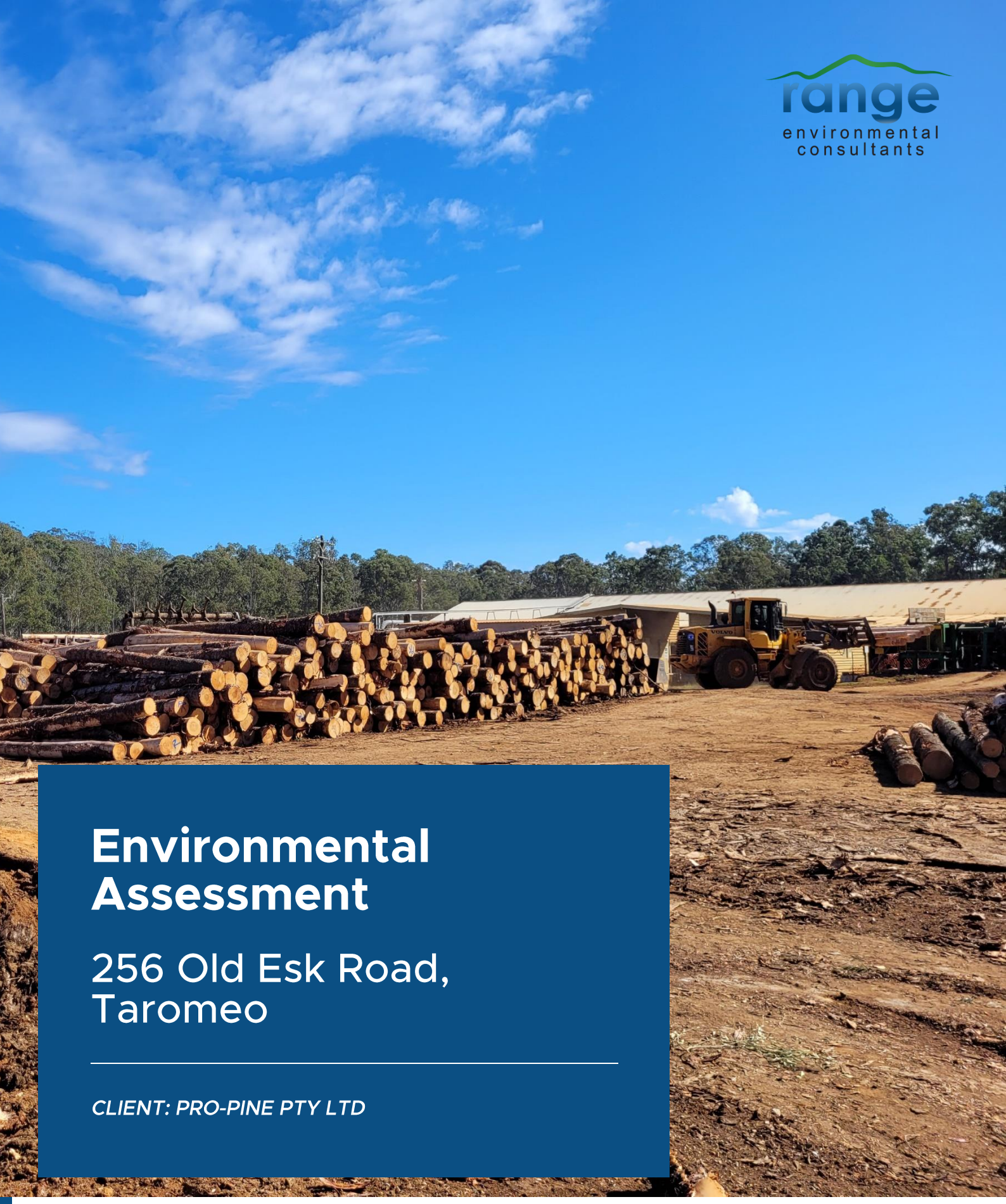
HEIGHT DATUM	MAP GRID	SIZE
----	----	A1

COUNCIL RAL/MCU NO.

COUNCIL OW NO.

PROJECT NO.	DRAWING NO.	ISSUE
24E-0202	A001.01	D

Document Set ID: 3467234
Version 2, Version Date: 28/05/2026



Environmental Assessment

256 Old Esk Road, Taromeo

CLIENT: PRO-PINE PTY LTD

PROJECT NO.	**J001911**
STATUS	**FINAL**
DATE	**11/09/2025**

rangeenviro.com.au

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Disclaimer

Range Environmental provides this report directly and exclusively to Pro-Pine Pty Ltd (the Client) for their sole use and solely for the specific purpose for which it is supplied. This report is not to be distributed to any other party without the consent of Range Environmental and Range Environmental will not be liable to any other entity other than the Client in relation to any matters dealt with in this report. Third parties (including, but not limited to, successors or assigns of the Client) may not rely on anything contained in this report whatsoever. The Client indemnifies Range Environmental against any claim, loss, expense, damage or the like arising from any third party which results from the Client providing this report to that third party without the prior knowledge or consent of Range Environmental.

This report has been prepared based on the information, documentation and representations given by the Client to Range Environmental. The Client releases Range Environmental from any claim for damage, cost, loss, expense or the like which is caused or contributed to by the incorrect, inaccurate, false, misleading, or deceptive information, documentation or representations given by the Client to Range Environmental. The validity and comprehensiveness of any information given by the Client has not been independently verified by Range Environmental and, for the purposes of this report, it is assumed that the information provided to Range Environmental is both complete and accurate.

Where site inspections, testing, surveying, or fieldwork have taken place, this report is based on the site conditions and information made available by the Client or their agents or nominees during the visit, the visual observations, and any subsequent discussions with regulatory authorities. It is further assumed that normal activities were being undertaken at the site on the day of the site visit(s), unless explicitly stated otherwise.

The Client acknowledges that this Report and all information and content in it shall at all times be and remain the property of Range Environmental and must not be disclosed to any third party at any time, except with the prior consent of Range Environmental or where the Client is required by statute, rule, regulation, judicial process or in connection with any litigation to which it is a party.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Document Control

Version	Purpose	Lead Author	Reviewer	Approved by	Date
1.	Final Report	MJW	RJM	LMT	21/05/2025
2.	Final Report (minor updates to include noise impact assessment).	RJM	RJM	LMT	11/09/2025

Table of Contents

1 Introduction 7
2 Assessment against Reporting Requirements for EA Amendment Applications 9
2.1 EP Act 9
2.2 EA Amendment Application Form 11
2.3 State Code 22 11
2.4 South Burnett Regional Council 11
3 Site Description 12
3.1 Site Particulars 12
3.2 Existing Approvals and Permits 12
3.3 Site Condition 12
4 Description of Proposed Operations 20
5 Environmental Values of the Site and Surrounds 28
5.1 Biodiversity 28
5.2 Bushfire 35
5.3 Land 35
5.4 Hydrology 37
5.5 Visual Amenity 40
5.6 Cultural Heritage 40
5.7 Air and Noise 40
5.8 Climate 42
6 Emissions Profile 44
7 Environmental Impact Risk Assessment 45
7.1 Context 45
7.2 Scope 45
7.3 Identification of Environmental Risks 45
7.4 Risk Analysis 45
7.5 Risk Evaluation 45
7.6 Risk Treatment and Monitoring 45
8 Summary 57
9 References 58

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Tables

Table 1 EP Act Section 226 – Requirements for amendment applications generally 9
Table 2 EP Act Section 226A – Assessment against reporting requirements for EA amendment applications 9
Table 3 Site Particulars 12
Table 4 Site condition of the existing sawmill 13
Table 5 Site operations 20
Table 6 Review of related prescribed Environmentally Relevant Activities (ERAs) 25
Table 7 Project Emissions Profile 44
Table 8 Qualitative Environmental Impact Risk Analysis 46
Table 9 SDAP State Code 22: Environmentally Relevant Activities (v3.3) 61
Table 10 South Burnett Planning Scheme 2017 (v2.0) 67

Figures

Figure 1 Site Locality 8
Figure 2 Key Site Infrastructure 19
Figure 3 Processes and products from Mill 1 23
Figure 4 Processes and products from Mill 2 24
Figure 5 Timber mill waste and bark processing and products at the site 24
Figure 6 Regulated Vegetation & Regional Ecosystems 32
Figure 7 Protected Habitat 33
Figure 8 Waterways for Fish Passage 34
Figure 9 Bushfire Hazard Area 36
Figure 10 Surface water features 38
Figure 11 Registered groundwater bores and Potential GDEs 39
Figure 12 Sensitive Receptors 41
Figure 13 Monthly Rainfall Distribution 42
Figure 14 Kingaroy Airport Annual Wind Rose 43

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Photographs

Photograph 1 View to the south-east of the site office 13
Photograph 2 View to the south-west of the site entrance/exit point 13
Photograph 3 View to the south of a 17,000L above-ground (AST) self-bunded diesel tank 13
Photograph 4 View to the north of the staff carparking shed 14
Photograph 5 View to the north of the product storage bays 14
Photograph 6 View to the north of the sediment basin for stormwater control 14
Photograph 7 View to the north-east of the delivery laydown area at the site 15
Photograph 8 View to the west of the debarking machine 15
Photograph 9 View to the west of the log docking station at Mill 1 15
Photograph 10 View to the south of milling operations within Mill 1 16
Photograph 11 View to the south of timber board product at Mill 1 16
Photograph 12 View to the east of sawdust and woodchip products stockpiled adjacent to Mill 1 16
Photograph 13 View to the west of the bandsaw at Mill 2 17
Photograph 14 View to the west of the sorting and aligning table at Mill 2 17
Photograph 15 View to the east of the ERJO SN165 woodchipper at Mill 2 17
Photograph 16 View to the south-west of the Trommel for screening bark 18
Photograph 17 View to the west of the bark and timber laydown areas in the eastern portion of the site 18

Appendices

Appendix A Code Response Tables 60
Appendix B Site Layout Plans 70
Appendix C Ecological Database Searches 71
Appendix D EMR/CLR and UXO Searches 72
Appendix E Heritage Database Searches 73
Appendix F Qualitative Risk Assessment Tool 74

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

1 Introduction

An environmental assessment was undertaken for Pro-Pine Pty Ltd (hereafter 'the applicant') for a proposed increase in annual throughput of an existing sawmill located at 256 Old Esk Road, Taromeo (hereafter 'the site'). The site is formally comprised of Lots 228 and 229 on SP136942 (Figure 1).

The existing sawmill at the site is operated under Environmental Authority (EA) EPPR00232113 for Environmentally Relevant Activity (ERA) 47 (b) Timber milling and woodchipping – milling, in a year, more than 10,000t to 20,000t of timber.

This environmental assessment was undertaken to support a combined Material Change of Use (MCU) Development Approval (DA) application and site-specific EA amendment application for a proposed increase in milling throughput which will require approval for the following ERAs:

- ERA 47 (c) – Timber milling and woodchipping – milling, in a year, more than 20,000t but not more than 100,000t of timber. The proposed increase will not involve the establishment of additional infrastructure or activity areas. The area of use at the site is hereafter referred to as the 'sawmill footprint'.
- ERA 33 - Crushing, milling, grinding or screening - crushing, grinding, milling or screening more than 5,000t of material in a year. This relates to screening approximately 5000t/year of bark (organic material) through a trommel.

This environmental assessment was prepared in accordance with:

- *Environmental Protection Act 1994* (EP Act).
- Application requirements for activities with impacts to air, land, noise, water, and waste (DETSI Publications ESR/2015/1836 to 1840).
- State Development Assessment Provisions (SDAP) State Code 22: Environmentally Relevant Activities (version 3.3).
- South Burnett Planning Scheme 2017 (Version 2.0).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



Figure 1
Site Locality

Project: Environmental Assessment

Client: Pro-Pine Pty Ltd

Project No.: J001911

Compiled by: MJW Date: 3/02/2025
Approved by: RJM Date: 3/02/2025

0 180 360 Metres

Legend

- Cadastre
- Roads
- Site boundary

The content of this document includes third party data. Range Environmental Consultants does not guarantee the accuracy of such data.

Source: Cadastral data sourced from DNRME (2025).

N

range environmental consultants

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

2 Assessment against Reporting Requirements for EA Amendment Applications

2.1 EP Act

This application has been prepared in accordance with Sections 226 and 226A of the EP Act, and as such is a properly made application as required by Chapter 5, Part 7, Division 2 of the EP Act.

The requirements outlined at Sections 226 (Table 1) and 226A (Table 2) of the EP Act and determination of a major or minor amendment (Section 2.1.1) are described below.

Table 1 EP Act Section 226 – Requirements for amendment applications generally

Requirements for Amendment Applications	Response
(1) An amendment application must—	
(a) be made to the administering authority; and	A completed Development application Form 1 – Application details – attachment for an application for an environmental authority (ESR/2015/1791, version 8.02) was supplied with this report.
(b) be in the approved form; and	
(c) be accompanied by the fee prescribed by regulation; and	
(d) describe the proposed amendment; and	The proposed increase in throughput of the sawmill to 60,000t per annum. It does not include the establishment of additional infrastructure or additional operating areas (i.e., no proposed expansion to the existing operational footprint).
(e) describe the land that will be affected by the proposed amendment; and	The site is located in a rural area, approximately 5.3km south-east of the rural locality of Taromeo. The operational footprint comprises a 7.42-hectare (ha) portion of the 64.8 ha site and occurs in the western portion of the site.
(f) include any other document relating to the application prescribed by regulation.	Not applicable.
(2) However, subsection (1)(d) and (e) does not apply to an application for a condition conversion.	Not applicable – this application does not relate to a condition conversion.

Table 2 EP Act Section 226A – Assessment against reporting requirements for EA amendment applications

Report Requirement	Section of Report Addressing Requirement
(a) describe any development permits in effect under the Planning Act for carrying out the relevant activity for the authority; and	Section 3.2
(b) state whether each relevant activity will, if the amendment is made, comply with the eligibility criteria for the activity; and	Development application Form 1 – Application details – attachment for an application for an environmental authority (ESR/2015/1791,
(c) if the application states that each relevant activity will, if the amendment is made, comply with the eligibility criteria for the activity—include a declaration that the statement is correct; and	
(d) state whether the application seeks to change a condition identified in the authority as a standard condition; and	

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

	version 8.02) was supplied with this report.
(e) if the application relates to a new relevant resource tenure for the authority that is an exploration permit or GHG permit—state whether the applicant seeks an amended environmental authority that is subject to the standard conditions for the relevant activity or authority, to the extent it relates to the permit; and	Not applicable
(f) include an assessment of the likely impact of the proposed amendment on the environmental values, including— (i) a description of the environmental values likely to be affected by the proposed amendment; and (ii) details of emissions or releases likely to be generated by the proposed amendment; and (iii) a description of the risk and likely magnitude of impacts on the environmental values; and (iv) details of the management practices proposed to be implemented to prevent or minimise adverse impacts; and (v) if a PRCP schedule does not apply for each relevant activity—details of how the land the subject of the application will be rehabilitated after each relevant activity ends; and	Section 5 Section 6 Section 7 Site Based Management Plan (Reference: J001911)
(g) include a description of the proposed measures for minimising and managing waste generated by amendments to the relevant activity; and	Site Based Management Plan (Reference: J001911)
(h) include details of any site management plan or environmental protection order that relates to the land the subject of the application.	Not applicable
(2) Subsection (1)(f) does not apply for an amendment application for an environmental authority if – (a) either – (i) the process under chapter 3 for an EIS for the proposed amendment has been completed; or (ii) the Coordinator-General has evaluated an EIS for the proposed amendment and there are Coordinator-General's conditions that relate to the proposed amendment; and (b) an assessment of the environmental risk of the proposed amendment would be the same as the assessment in the EIS mentioned in paragraph (a)(I) or the evaluation mentioned in paragraph (a)(ii).	Not applicable
(3) Also, subsection (1) (a), (d), (e), (f), (g) and (h) does not apply to an application for a condition conversion.	Not applicable
(4) Despite subsection (1) (f), (g) and (h), if the amendment application is for an environmental authority for the prescribed ERA mentioned in the *Environmental Protection Regulation 2019*, Schedule 2, Section 13A – (a) it need only include the matters mentioned in subsection (1) (f) (i) to (iv), (g) and (h) to the extent the matters relate to fine sediment, or dissolved inorganic nitrogen, entering the water of the Great Barrier Reef or Great Barrier Reef catchment waters; and (b) subsection (1) (f) (v) does not apply for the amendment application.	Not applicable

2.1.1 Amendment Type Determination

Pursuant to Section 223 of the EP Act, an application to amend an EA may be determined to be a Major Amendment if it meets the definition for a Major Amendment – means an amendment that is not a minor amendment. The amendment is not considered to be a minor amendment due to the following:

- Is not for a condition conversion.
- Significantly increases the scale and intensity of the activity.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

2.2 EA Amendment Application Form

A completed Development application Form 1 – Application details – attachment for an application for an environmental authority (ESR/2015/1791, ver. 8.02) has been supplied with the EA amendment application to demonstrate that the application provides all necessary information for a correctly made EA amendment application.

2.3 State Code 22

The performance outcomes of State Code 22: Environmentally Relevant Activities (v3.3) were incorporated into the environmental assessment. A code response table demonstrating compliance with the performance outcomes of State Code 22 is provided at Appendix A.

2.4 South Burnett Regional Council

The site is zoned as Rural under the South Burnett Planning Scheme 2017 (v2.0). The proposed operations complies with Part 6 Zones (Table 6.2.13 – Rural zone code). Responses to the relevant environmental Performance Outcomes (POs) of the Rural zone code are provided at Appendix A.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

3 Site Description

3.1 Site Particulars

Details of the site are provided in Table 3.

Table 3 Site Particulars

Descriptor	Description
Project Proponent	Pro-Pine Pty Ltd
Registered Suitable Operator (RSO)	RSO550637
Street Address	256 Old Esk Road, Taromeo
Real Property Description	Lots 228 and 229 on SP136942
Site Area	64.8 ha
Area of Operational Footprint	7.42 ha
Local Government Area	South Burnett Regional Council (SBRC)
Planning Scheme	South Burnett Planning Scheme 2017 (v2.0)
Land Use Zoning	Rural

3.2 Existing Approvals and Permits

The existing sawmill at the site currently operates under EA permit number EPPR00232113 (which includes development approval for a MCU involving an ERA) for ERA 47 (b) – milling, in a year, more than 10,000t to 20,000t of timber.

There were no further development applications (2014-2024) available for review on the SBRC planning and development portal for the site.

3.3 Site Condition

The site is currently used by Pro-Pine Pty Ltd for their existing sawmill operations under EPPR00232113. The key operational areas and plant/equipment at the site are pictured at Table 4 and their locations are shown in Figure 2.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Table 4 Site condition of the existing sawmill

Site condition photographs	Description
General	
	Photograph 1 View to the south-east of the site office
	Photograph 2 View to the south-west of the site entrance/exit point
	Photograph 3 View to the south of a 17,000L above-ground (AST) self-bunded diesel tank

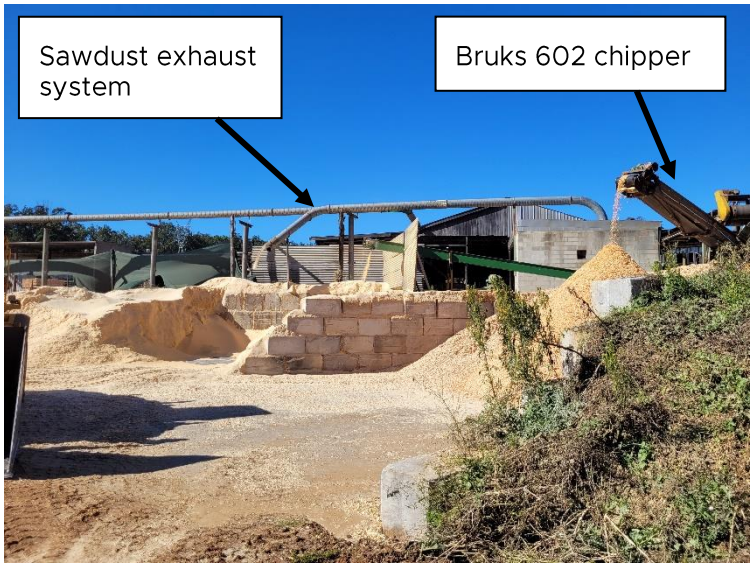
Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Site condition photographs	Description
	Photograph 4 View to the north of the staff carparking shed
	Photograph 5 View to the north of the product storage bays
	Photograph 6 View to the north of the sediment basin for stormwater control

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Site condition photographs	Description
Mill 1 Operations	
	Photograph 7 View to the north-east of the delivery laydown area at the site
	Photograph 8 View to the west of the debarking machine
	Photograph 9 View to the west of the log docking station at Mill 1

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Site condition photographs	Description
	Photograph 10 View to the south of milling operations within Mill 1
	Photograph 11 View to the south of timber board product at Mill 1
	Photograph 12 View to the east of sawdust and woodchip products stockpiled adjacent to Mill 1 The photograph also shows the Bruks 602 chipper and the sawdust exhaust system which moves sawdust products from Mill 1 to designated stockpiled areas adjacent to Mill 1.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Site condition photographs	Description
Mill 2 Operations	
	Photograph 13 View to the west of the bandsaw at Mill 2
	Photograph 14 View to the west of the sorting and aligning table at Mill 2
	Photograph 15 View to the east of the ERJO SN165 woodchipper at Mill 2

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Site condition photographs	Description
Bark Processing and Laydown Areas	
	Photograph 16 View to the south-west of the Trommel for screening bark
	Photograph 17 View to the west of the bark and timber laydown areas in the eastern portion of the site

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



Figure 2 Key Site Infrastructure

Project: Environmental Assessment

Client: Pro-Pine Pty Ltd

Project No.: J001911

Compiled by: MJW Date: 7/03/2025
Approved by: RJM Date: 7/03/2025

0 31 62 Metres

Legend

- Cadastre
- Site boundary
- Operational footprint

Site infrastructure

- Mill 1
- Mill 2
- Timber Shaping + Docking Shed
- Workshop
- Storage Sheds
- Storage/Carpark
- Equipment Laydown & Bark Stockpiles
- Sedimentation Basin
- Big Chipping Machine
- Small Chipping Machine

The content of this document includes third party data. Range Environmental Consultants does not guarantee the accuracy of such data.

Source: Cadastral data sourced from DNRME (2024).

N

range environmental consultants

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

4 Description of Proposed Operations

An overview of the site's proposed operations is provided at Table 5 below and the site layout is shown at Figure 2 and Appendix B.

Table 5 Site operations

Aspect of Operations	Description
Facility Operator	• Pro-Pine Pty Ltd
Registered Suitable Operator (RSO)	• RSO550637
Site	• Lots 228 and 229 on SP136942
Nature of Activity	• Timber milling

ERA	• Existing and approved ERA: ERA 47 (b) – Timber milling and woodchipping – milling, in a year, more than 10,000t but not more than 20,000t of timber.
	• Proposed ERAs:
	  • ERA 33 - Crushing, milling, grinding or screening - crushing, grinding, milling or screening more than 5,000t of material in a year.
	  • ERA 47 (c) – Timber milling and woodchipping – milling, in a year, more than 20,000t but not more than 100,000t of timber.

Annual Throughput	• The site proposes to mill a maximum of 60,000t of timber per annum and screen approximately 5000t/year of bark (organic material) through the trommel.
Milling Operations	The existing milling operations (which will not change with the proposed operations) are described in the following process flow diagrams. In each process flow diagram, green polygons represent a process, and blue polygons represent a product: • Figure 3 below outlines the processes and products from Mill 1. • Figure 4 below outlines the processes and products from Mill 2. • Figure 5 below outlines the timber mill wastes and bark processing and products at the site.
Plant, Equipment, and Hazardous Chemicals	Mobile plant: • Four (4) x front end loaders (12-14t). • One (1) x 15t excavator. • Four (4) x forklifts (2.5-4t). • Two (2) x bobcats. • Three (3) x tip trucks. Fixed sawmill plant at Mill 1: • Various log decks and transfers. • Valonkone VK26M ring debarker. • Automatic log docking machine. • Storti PGS350 log saw. • Storti canter. • WD auto edger. • Lindex chipper canter. • Costa multi rip saw.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

	• Storti R16 multi rip saw. • Ogam multi rip saw. • Auto timber stacking machine. • Gibson docking machine. • Bruks 602 woodchipper. • Sawdust transfer chain system. • Sawdust extraction system (vacuum). Fixed equipment at Mill 2: • Mebor HTZ1200 horizontal band sawmill. • Gibson combination edger multirip. • ERJO SN165 woodchipper. Hazardous chemical storages: • One (1) x 17,000L self-bunded diesel AST. • One (1) x 1000L Taratek intermediate bulk container (IBC) stored in a secondary concrete containment area. • One (1) x 1000L IBC of Chain & Bar oil on a bunded pallet within a designated oil storage area. • Two (2) x 205L drums of hydraulic 68 oil on a bunded pallet within a designated oil storage area. • One (1) x 4.5L container of air tool oil located in the maintenance shed. • One (1) x 20L container of brake cleaner stored on a secondary spill tray within the maintenance shed. • One (1) x 20L container of hammer drill oil stored on a secondary spill tray within the maintenance shed. • One (1) x 205L drum of engine oil stored within secondary containment. • One (1) x 205L drum of hydraulic oil stored within secondary containment.
Hours of Operation	The site operates from 6:00am to 4:00pm, Monday to Friday as follows: • Heavy vehicle and light vehicle access from 6:00am to 7:00am. No timber milling, woodchipping or maintenance works are undertaken during this period. • Full operations from 7:00am to 4:00pm. Site maintenance activities are undertaken on Saturdays between 7:00am and 4:00pm, depending on maintenance requirements. No operations at the site shall occur on Sundays or public holidays. Extended operating hours are not required to meet the increased production rate.
Staffing	• The site is proposed to operate with a total of 40 staff members.
Traffic	RMA Engineers' (2025) Traffic Impact Assessment outlined the following anticipated future traffic volumes for the site: • 38 heavy vehicle movements per day (combined in and out). • 80 light vehicle movements per day (combined in and out).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Wastes	• As shown below at Figure 3 to Figure 5, the following waste streams[1] will be generated from the timber milling process and will be used to produce various products:
	  ◦ Trim waste generated from the WD Edger will be discharged to the Bruks 602 woodchipper to produce a sawdust product.
	  ◦ Trim waste and bark that cannot be processed by the Bruks woodchipper will be stockpiled for processing later. Approximately twice per year, a contractor will be engaged to grind timber mill waste into a ground wood product using a large mobile grinder. Ground wood will be stockpiled in the eastern portion of the site and delivered as required to various customers.
	  ◦ Wood waste generated from the Gibson multirip saw will be fed into the conveyor of the ERJO SN165 woodchipper to produce a soft fall woodchip product.
	• General and recyclable wastes are stored in covered bins and removed from the site weekly for disposal or recycling by JJ Richards.
	• Regulated wastes generated from onsite servicing of mechanical plant and equipment will be removed offsite by the service technicians at the end of each task/day (whichever occurs first).

[1] Section 8AA under the *Waste Reduction and Recycling Act 2011*. **Waste** includes any thing that –

(a) Is **left over**, or is an unwanted by-product, from an industrial, commercial, domestic or other activity; or

(b) Is **surplus** to the industrial, commercial, domestic or other activity generating the waste.

(4) A thing can be waste whether or not it is of value.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

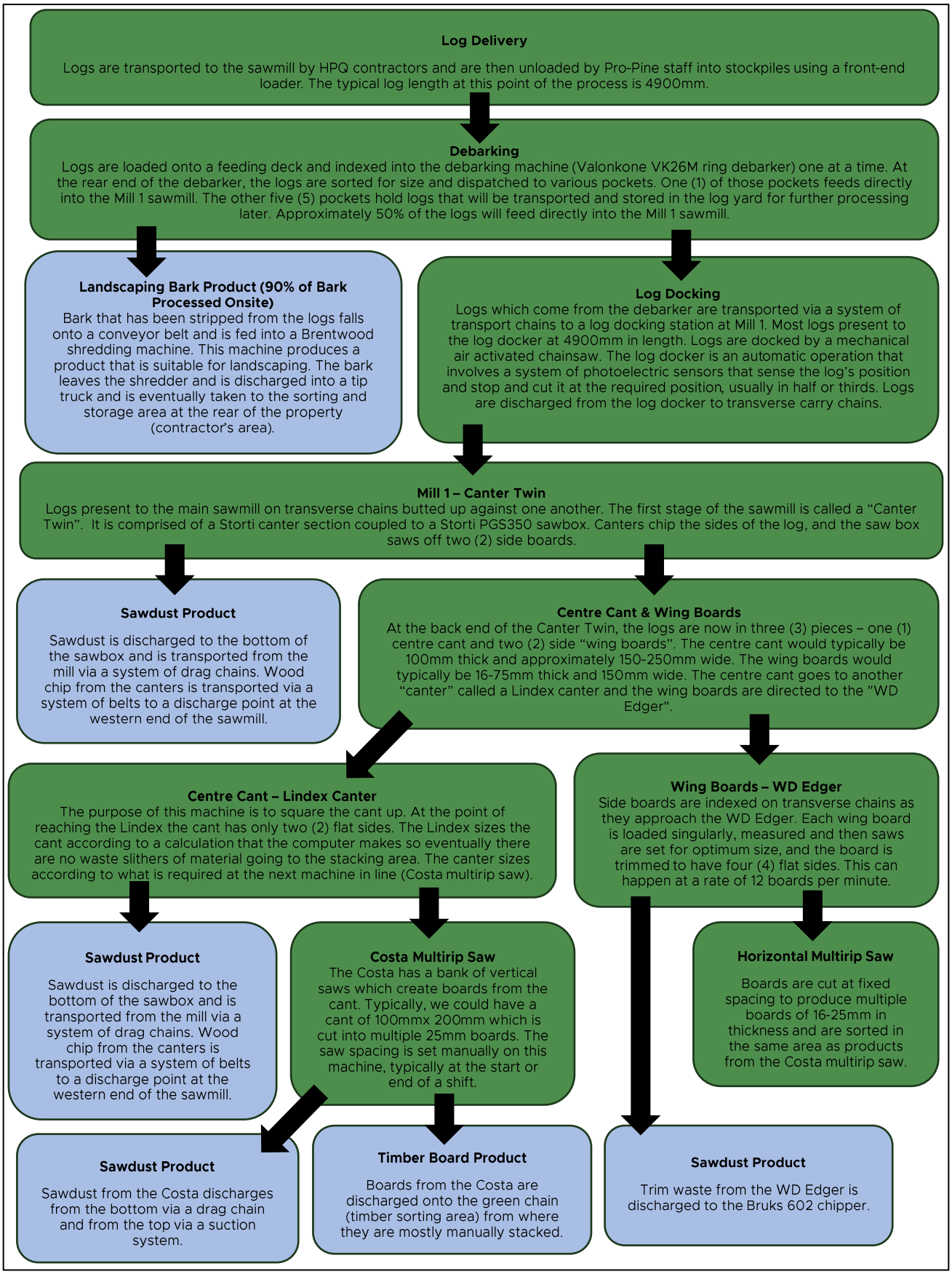


Figure 3 Processes and products from Mill 1

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

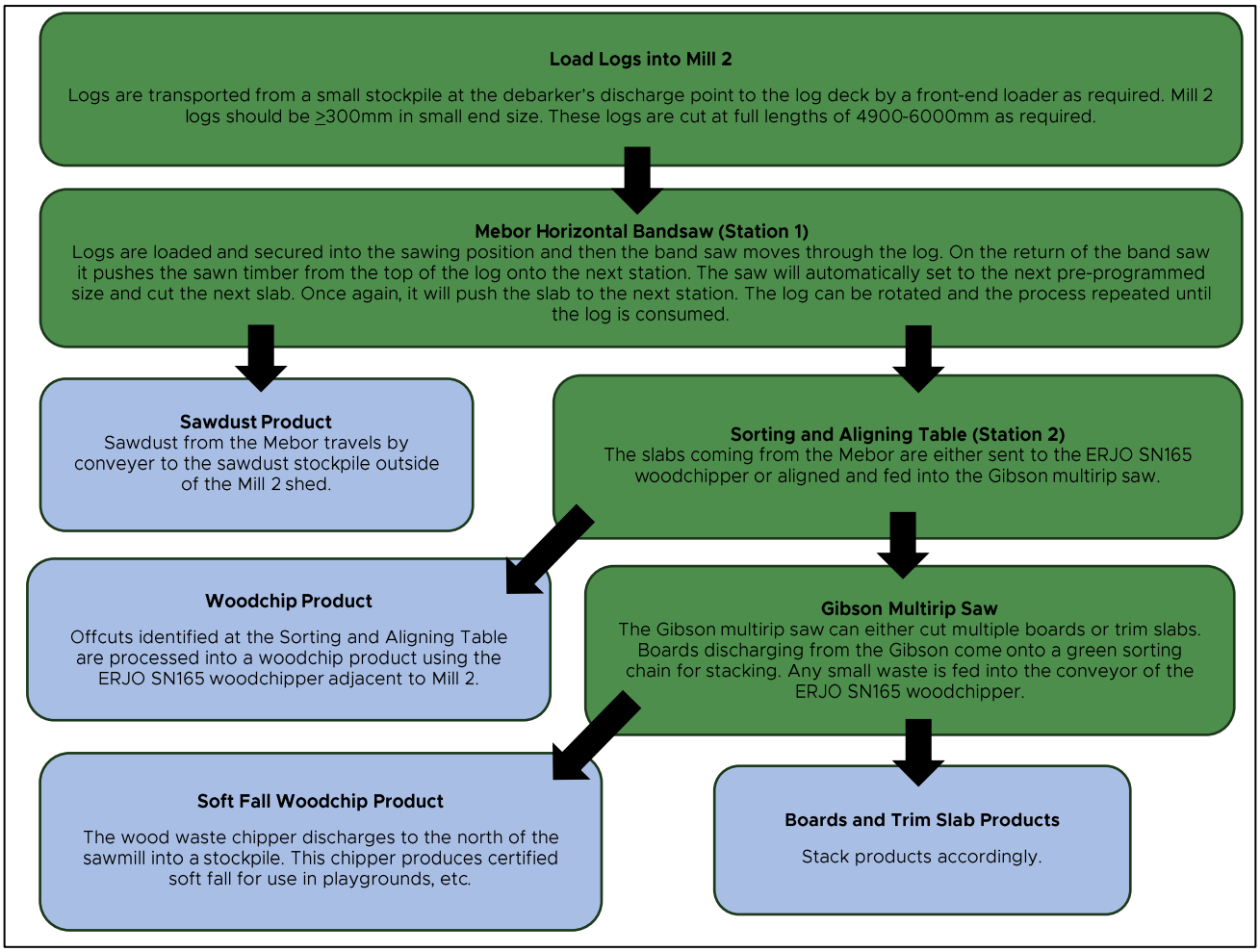


Figure 4 Processes and products from Mill 2

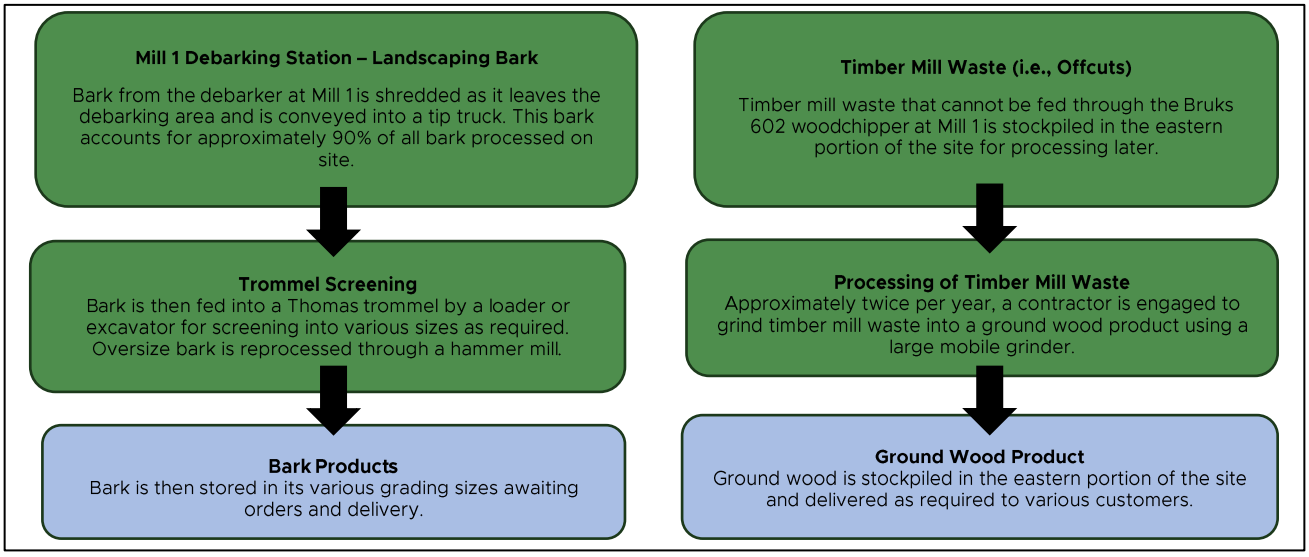


Figure 5 Timber mill waste and bark processing and products at the site

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Table 6 Review of related prescribed Environmentally Relevant Activities (ERAs)

Name of ERA	ERA Thresholds	Relevance to Proposed Operations
ERA 8 Chemical storage	1 storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	**Not applicable** – The existing volumes of chemicals stored at the site (Table 5) will not constitute ERA 8.
	2 storing 50t or more of chemicals of dangerous goods class 6, division 6.1 under subsection (1)(b)	
	3 storing more than 500m^3 of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	
	4 storing 200t or more of chemicals that are solids or gases, other than chemicals mentioned in items 1 to 3, under subsection (1)(d)	
	5 storing 200m^3 or more of chemicals that are liquids, other than chemicals mentioned in items 1 to 3, under subsection (1)(d)	
ERA 33 Crushing, milling, grinding or screening	Crushing, grinding, milling or screening more than 5,000t of material in a year. The relevant activity does not include— (a)crushing, grinding, milling or screening— (i) grain crops; or (ii) other agricultural products on a farm for use on the farm; or (iii) waste; or (b) crushing, grinding, milling or screening for carrying out an activity to which section 16 applies.	**Applicable** – Proposed increase to bark screening activities. The green waste (bark) byproduct is generated from the ERA 47 timber milling operations, and is not received at the site for the purposes of screening: • Approx. 5000t/year of bark (organic material) will be screened at the site through the trommel and delivered offsite as required. • It is understood that ERA 33 would be applicable to the proposed EA amendment application as screening activities are not outlined under ERA 54 (1).
ERA 46 Chemically treating timber	1 using chemicals listed in AS1604.1, appendix B, other than copper chromium arsenic or creosote, to treat 1,500m^3 or more of timber in a year for preservation on a commercial basis	**Not applicable** – timber preservatives are not used at the site. Taratek is a fungicide (not a preservative) which is used to treat the skin of timber products (**Attachment 3**).
	2 using copper chromium arsenic, creosote or a chemical not listed in AS1604.1, appendix B, to treat timber for preservation on a commercial basis	
ERA 47 Timber milling and woodchipping	milling, in a year, the following total quantity of timber— (a) 5,000t to 10,000t (b) more than 10,000t but not more than 20,000t (c) more than 20,000t but not more than 100,000t (d) more than 100,000t	**Applicable** – Pro-pine propose to mill a maximum of 60,000t of timber per annum. Therefore, the relevant ERA would be ERA 47 (c) - Timber milling and woodchipping - milling, in a year, more than 20,000t but not more than 100,000t of timber.
ERA 48	1 manufacturing, in a year, the following quantity of reconstituted timber products—	**Not applicable** – timber laminated product fabrication is not

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Name of ERA	ERA Thresholds	Relevance to Proposed Operations
Timber and laminated product fabrication	(a) 5,000t to 10,000t (b) more than 10,000t	currently undertaken at the site and is not proposed.
	2 manufacturing in a year 100t or more of laminated products	
ERA 53 Organic material processing	processing more than 200t of organic material in a year— (a) by composting the organic material (b) by anaerobic digestion	**Not applicable** - The organic materials generated by the existing and proposed timber milling operations at the site are bark, sawdust and woodchips (**Attachment 2**). These organic materials are products and are therefore not processed by composting or anaerobic digestion.
ERA 54 Mechanical waste reprocessing	1 operating a facility for receiving and mechanically reprocessing, in a year, more than 5,000t of inert, non-putrescible waste or green waste only 2 operating a facility for receiving and mechanically reprocessing, in a year, the following quantity of general waste— (a) 5,000t or less (b) more than 5,000t but not more than 10,000t (c) more than 10,000t 3 operating a facility for receiving and mechanically reprocessing, in a year, the following quantity of category 2 regulated waste— (a) 5,000t or less (b) more than 5,000t but not more than 10,000t (c) more than 10,000t 4 operating a facility for receiving and mechanically reprocessing, in a year, the following quantity of category 1 regulated waste— (a) 5,000t or less (b) more than 5,000t but not more than 10,000t (c) more than 10,000t	**Not applicable** – mechanical waste reprocessing ERA 54 (1) is undertaken at the site by a contractor (ACF Family Holdings Pty Ltd) as outlined below: • Approximately twice per year a contractor comes to site to grind bark and timber into a saleable product which amounts to approximately 3000t/year. • The contractor undertakes this ERA 54 (1) activity under EA Permit EA0002086. • The green waste (bark) byproduct is generated from the ERA 47 timber milling operations, and is not received at the site for the purposes of screening.
ERA 63 Sewage treatment	1 operating sewage treatment works, other than no-release works, with a total daily peak design capacity of— (a) 21 to 100EP— (i) if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme; or (ii) otherwise (b) more than 100 but not more than 1,500EP— (i) if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme; or (ii) otherwise (c) more than 1,500 but not more than 4,000EP	**Not applicable** – The Envirocycle septic system manages greywater and blackwater in holding tanks. The sewage is collected by a contractor. The septic system does not involve wastewater treatment and release works.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Name of ERA	ERA Thresholds	Relevance to Proposed Operations
	(d) more than 4,000 but not more than 10,000EP (e) more than 10,000 but not more than 50,000EP (f) more than 50,000 but not more than 100,000EP (g) more than 100,000EP 2 operating a sewage pumping station mentioned in subsection (1)(b)	

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

5 Environmental Values of the Site and Surrounds

5.1 Biodiversity

The assessment of biodiversity values included a desktop assessment of Local, State and Federal databases and a site inspection to validate the findings of the desktop study.

5.1.1 Local Biodiversity Values

Biodiversity Areas Overlay mapping under the South Burnett Planning Scheme 2017 shows the following mapped at the site (but outside of the operational footprint):

- Regulated vegetation (category B).
- Regulated vegetation (essential habitat).
- Wildlife habitat (endangered or vulnerable).

5.1.2 Prescribed Environmental Matters (PEM)

A review was undertaken to identify all PEM of relevance to the site. Section 10 of the *Environmental Offsets Act 2014* states that PEM include:

- Matters of National Environmental Significance (MNES).
- Matters of State Environmental Significance (MSES).
- Matters of Local Environmental Significance (MLES).

MNES that are PEM are defined at Section 5 of the Environmental Offsets Regulation 2014 and MSES that are PEM are defined at Schedule 2 of the Environmental Offsets Regulation 2014. All MNES and MSES that are PEM (as defined in the Environmental Offsets Regulation 2014) were considered in this assessment.

MLES are not defined under the South Burnett Planning Scheme 2017 and are not PEM as they are explicitly excluded for an Environmental Authority amendment application under Section 6 of the *Development application Form 1 – Application details – attachment for an application for an environmental authority* and SDAP State Code 22 only applies to MSES.

5.1.2.1 MNES that are PEM

MNES, as described under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) that are PEM, are defined at Section 5 of the Environmental Offsets Regulation 2014 and include:

- A declared World Heritage property.
- A National Heritage place.
- A declared Ramsar wetland.
- A threatened species.
- A threatened ecological community.
- A migratory species.
- A Commonwealth marine area.
- The Great Barrier Reef Marine Park established under the *Great Barrier Reef Marine Park Act 1975* (Commonwealth).
- A water resource, within the meaning of the *Water Act 2000* (Commonwealth), to the extent the taking of action mentioned in section 24D or 24E of the EPBC Act in relation to the water resource is prohibited under either of those sections.

It is noted that the operation of the sawmill is not proposed to involve the take of or interference with a water resource (as defined under the *Water Act 2000* (Commonwealth)).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

For brevity, the full description and definitions of MNES that are PEM are not provided here. Reference should be made to the relevant Commonwealth legislation.

5.1.2.2 MSES that are PEM

MSES that are PEM are defined at Schedule 2 of the Environmental Offsets Regulation 2014 and are summarised below:

- Regulated vegetation.
- Connectivity areas.
- Wetlands and watercourses.
- Designated precinct in a strategic environmental area.
- Protected wildlife habitat.
- Protected areas.
- Highly protected zones of State marine parks.
- Fish habitat areas.
- Waterways providing for fish passage.
- Marine plants.
- Legally secured offset areas.

For brevity, the full description and definitions of MSES that are PEM are not provided here. Reference should be made to Schedule 2 of the Environmental Offsets Regulation 2014.

5.1.2.3 Likelihood of Occurrence of PEM

Vegetation Communities

Regulated Vegetation mapping shows Category B (remnant vegetation) occurs across the central and eastern extents of the site (Figure 6 and Appendix C). This is comprised of Least Concern Regional Ecosystem (RE) 12.12.2 (which intersects the eastern portion of the operational footprint) and Endangered RE 12.5.13a.

The following are also mapped within the site (Appendix C):

- Watercourse or drainage feature on the vegetation management watercourse and drainage features map in the western portion of the site.
- Essential Habitat in the south-eastern portion of the site.

The Protected Matters Search Tool (PMST) identified five (5) Threatened Ecological Communities (TECs) that have the potential to occur in the area.

No further clearing works or disturbance of the mapped vegetation within the operational footprint is proposed as part of this application. If clearing works were required within the operational footprint in the future, the works would meet the definition of exempt clearing work under Schedule 21 of the Planning Regulation 2017 as it would be restricted to the Category X area or would be considered necessary for essential management of existing infrastructure (maintenance of the existing vehicular track adjacent to the mapped Category B vegetation).

Connectivity areas

The operational footprint is located in a highly modified area of the site due to previous and ongoing activities and does not provide important habitat value for local fauna. The remainder of the site includes some areas that have been disturbed from the establishment of infrastructure, access tracks and fire breaks; however, mostly comprises an area of dense vegetation, which may provide important landscape connectivity for local fauna.

No significant residual impact to this PEM is anticipated to occur due to the proposed operations as no additional infrastructure or clearing of vegetation is proposed.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Wetlands and watercourses

There are no Referable Wetlands, Wetland Protection Areas, High Ecological Value Waters or Wetlands, or any other wetland values mapped over the site (Appendix C). One (1) wetland of International Importance (Ramsar) occurs within 50 km of the site (Moreton Bay) (Appendix C). The site inspection confirmed that no wetlands or high ecological value waters occurred at the site.

Strategic Environmental Area

The site and surrounding land are not mapped as a Designated Precinct in a Strategic Environmental Area under the *Regional Planning Interests Act 2014*. Therefore, this PEM is not relevant to the proposed operations.

Threatened Species and Protected Wildlife Habitat

The central and eastern extents of the site contain mapped areas within a 'High Risk Area' for protected plants (which intersects the eastern portion of the operational footprint) and wildlife habitat (endangered or vulnerable) (Figure 7 and Appendix C). The site is not mapped within a Koala Habitat Area (KHA) under SDAP mapping (Appendix C). The site is located within Koala District B.

No further clearing works or disturbance to the mapped vegetation within the operational footprint is proposed as part of this application. If clearing works were required within the operational footprint in the future, the works would meet the general exemptions for the take of protected plants under the Nature Conservation (Plants) Regulation 2020 as it would be considered clearing for routine maintenance of infrastructure (the existing vehicular track adjacent to the mapped vegetation).

The PMST search identified 21 threatened flora species, 32 threatened fauna species, and nine (9) migratory species that could potentially occur within 5 km of the site based on habitat (Appendix C). The PMST search is a predictive model that identifies all species that could potentially occur, or suitable habitat that could potentially occur, and does not necessarily mean the species has been previously recorded in the area. A search of the Wildlife Online database identified that three (3) threatened flora species and six (6) threatened fauna species have been recorded within a 5 km buffer of the site (Appendix C). No threatened species records occurred within the site under Biomaps.

Protected Areas & Offset Areas

The site is not located within a declared World Heritage Property, a National Heritage place, a Protected Area, or a Legally Secured Offset Area (Appendix C). Therefore, this PEM is not relevant to the proposed operations.

The site is bordered by the Benarkin State Forest.

Fish Habitat Areas and Waterways Providing for Fish Passage

The site is intersected by a low risk (green) mapped waterway for fish passage under SDAP mapping (Figure 8). This waterway intersects the sediment basin at the site.

A declared Fish Habitat Area (FHA) does not occur at or within 500 m of the site. The nearest declared FHA to the site (Pumicestone Channel) is located approximately 82 km east of the site. Therefore, this PEM is not relevant to the proposed operations.

Marine Parks and Plants

The PMST search confirmed that the site is not within or adjoining any of the following areas (Appendix C):

- Highly protected zone of a State marine park.
- A Commonwealth marine area.
- The Great Barrier Reef Marine Park established under the *Great Barrier Reef Marine Park Act 1975* (Commonwealth).

The site is located approximately 84 km from the nearest highly protected marine park (Moreton Bay Marine Park Pumicestone Channel (north)). Therefore, marine plants do not occur at or within 500 m of the site.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Therefore, this PEM is not relevant to the proposed operations.

5.1.3 Summary

The desktop assessment and site inspection confirmed the following:

- The operational footprint is highly disturbed from industrial development and ongoing use and has no notable ecological value.
- MLES are not defined under the South Burnett Planning Scheme 2017.
- No PEM (MSES or MNES) will be impacted by the proposed operations.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



Figure 6
Regulated Vegetation & Regional Ecosystems

Project: Environmental Assessment

Client: Pro-Pine Pty Ltd

Project No.: J001911

Compiled by: MJW Date: 3/02/2025
Approved by: RJM Date: 3/02/2025

Metres
0 87 174

Legend

- Cadastre
- Site boundary
- Operational footprint

Regional Ecosystems (RE)

- Category B area containing endangered REs
- Category B area that is a least concern RE
- Category C area containing of concern REs
- Category X area
- Plantation

The content of this document includes third party data. Range Environmental Consultants does not guarantee the accuracy of such data.

Source: Cadastral data sourced from DNRME (2025).

N

range environmental consultants

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



Figure 7
Protected Habitat

Project: Environmental Assessment

Client: Pro-Pine Pty Ltd

Project No.: J001911

Compiled by: MJW Date: 4/02/2025
Approved by: RJM Date: 4/02/2025

0 91 182 Metres

Legend

- Cadastre
- Site boundary
- Operational footprint
- High Risk Area for Protected Plants
- Wildlife habitat (endangered or vulnerable)

The content of this document includes third party data. Range Environmental Consultants does not guarantee the accuracy of such data.

Source: Cadastral data sourced from DNRME (2025).

N

range environmental consultants

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



Figure 8 Waterways for Fish Passage

Project: Environmental Assessment

Client: Pro-Pine Pty Ltd

Project No.: J001911

Compiled by: MJW Date: 4/02/2025
Approved by: RJM Date: 4/02/2025

Metres
0 91 182

Legend

- Cadastre
- Site boundary
- Operational footprint

Queensland waterways for waterway barrier works

- 1 - Low
- 2 - Moderate
- 3 - High
- 4 - Major

The content of this document includes third party data. Range Environmental Consultants does not guarantee the accuracy of such data.

Source: Cadastral data sourced from DNRME (2025).

N

range environmental consultants

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

5.2 Bushfire

The South Burnett Planning Scheme 2017 Bushfire Hazard Overlay Map, which is consistent with the State Planning Policy (SPP) Natural Hazards Risk and Resilience (Bushfire prone area) mapping, shows that the site contains areas of Very High Potential Bushfire Intensity, Medium Potential Bushfire Intensity and Potential Impact Buffer (Figure 9).

5.3 Land

5.3.1 Topography

The site is located at 390-440 m Australian Height Datum (AHD). The local area falls to the north towards Taromeo Creek (East Branch) (370 m AHD).

5.3.2 Geology

Detailed surface geology mapping provided in QLD Globe shows that the south-western portion of the site intersects an area of granitoid and the remainder of the site intersects an area of ferricrete.

5.3.3 Soils

Native soils of the region are broadly described by the Bureau of Rural Sciences (2009) as shallow bleached loams.

5.3.4 Agricultural Land

The site is mapped as Class A and Class B Agricultural Land under the Agricultural Land Overlay of the South Burnett Planning Scheme, which is consistent with SPP mapping (Appendix C). The site is predominately mapped as Class A1 Crop land – broadacre and horticulture, with the western corner of the site mapped as Class B/C1 Limited crop land/Pastureland – sown pastures, and native pastures on high fertility soils. The operational footprint is not currently used as agricultural land and has limited agricultural value as it is heavily disturbed land.

Old Esk Road (south-west) is mapped as a stock route network under SPP mapping.

5.3.5 Contaminated Land

A search of the Environmental Management Register (EMR) and Contaminated Land Register (CLR) determined that the site (both land parcels due to the subdivision of the land) is included on the EMR for petroleum product or oil storage (Appendix D). The site is not included on the CLR.

The site was not recorded on the Department of Defence's Unexploded Ordnance (UXO) database (Appendix D).

5.3.6 Acid Sulphate Soils

Acid sulphate soils (ASS) are a characteristic feature of marine and estuarine sediments in low lying coastal environments, particularly where landform elevations are below 5 m AHD. The site is located approximately 95 km inland and at an elevation of 390-440m AHD. The site is not mapped in an ASS hazard area under QLD Globe. ASS are unlikely to occur at the site due to its elevation, geological and geomorphic setting.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



Figure 9
Bushfire Hazard Area

Project: Environmental Assessment

Client: Pro-Pine Pty Ltd

Project No.: J001911

Compiled by: MJW Date: 4/02/2025
Approved by: RJM Date: 4/02/2025

0 91 182 Metres

Legend

- Cadastre
- Site boundary
- Operational footprint

Bushfire prone area

- Very High Potential Bushfire Intensity
- High Potential Bushfire Intensity
- Medium Potential Bushfire Intensity
- Potential Impact Buffer

The content of this document includes third party data. Range Environmental Consultants does not guarantee the accuracy of such data.

Source: Cadastral data sourced from DNRME (2025).

N

range environmental consultants

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

5.4 Hydrology

5.4.1 Surface Water

The site is located in the Brisbane River in Moore and Cooyar Creek catchments of the Upper Brisbane River basin. The sediment basin located in the western corner of the site is intersected by Jessie Creek (Figure 10). Jessie Creek (1st order stream) flows to the north where it enters Taromeo Creek (East Branch) (2nd order stream). Taromeo Creek (East Branch) flows to the north to Taromeo Creek (3rd order stream).

5.4.2 Flood Hazard

The site is not mapped in a Flood Hazard Area under the Flood Hazard Overlay of the South Burnett Planning Scheme or by SPP mapping.

5.4.3 Groundwater

There is one (1) registered groundwater bore within a nominal 1 km buffer of the site (Figure 11). The bore card for this bore was reviewed (Appendix C). The shallowest aquifer recorded was a granite aquifer 24 m below ground level (mbgl) in the Taromeo Igneous Complex.

The site is mapped as including a Potential Groundwater Dependent Ecosystem (GDE) aquifer (Figure 11). A Potential GDE aquifer is one that potentially supports surface expression and terrestrial GDEs in the landscape. A surface expression GDE is mapped in the western extent of the site. Terrestrial GDE areas are mapped north and south of the site.

5.4.4 Environmental Values of Waters

Environmental Values (EVs) for surface fresh waters in the Brisbane River in Moore and Cooyar Creek catchments include (DES, 2022):

- Aquatic ecosystems.
- Irrigation.
- Farm supply/use.
- Stock water.
- Aquaculture.
- Human consumer.
- Primary recreation.
- Secondary recreation.
- Visual recreation.
- Drinking water.
- Industrial use.
- Cultural and spiritual values.

There are no listed EVs for groundwater in the Brisbane River in Moore and Cooyar Creek catchments.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

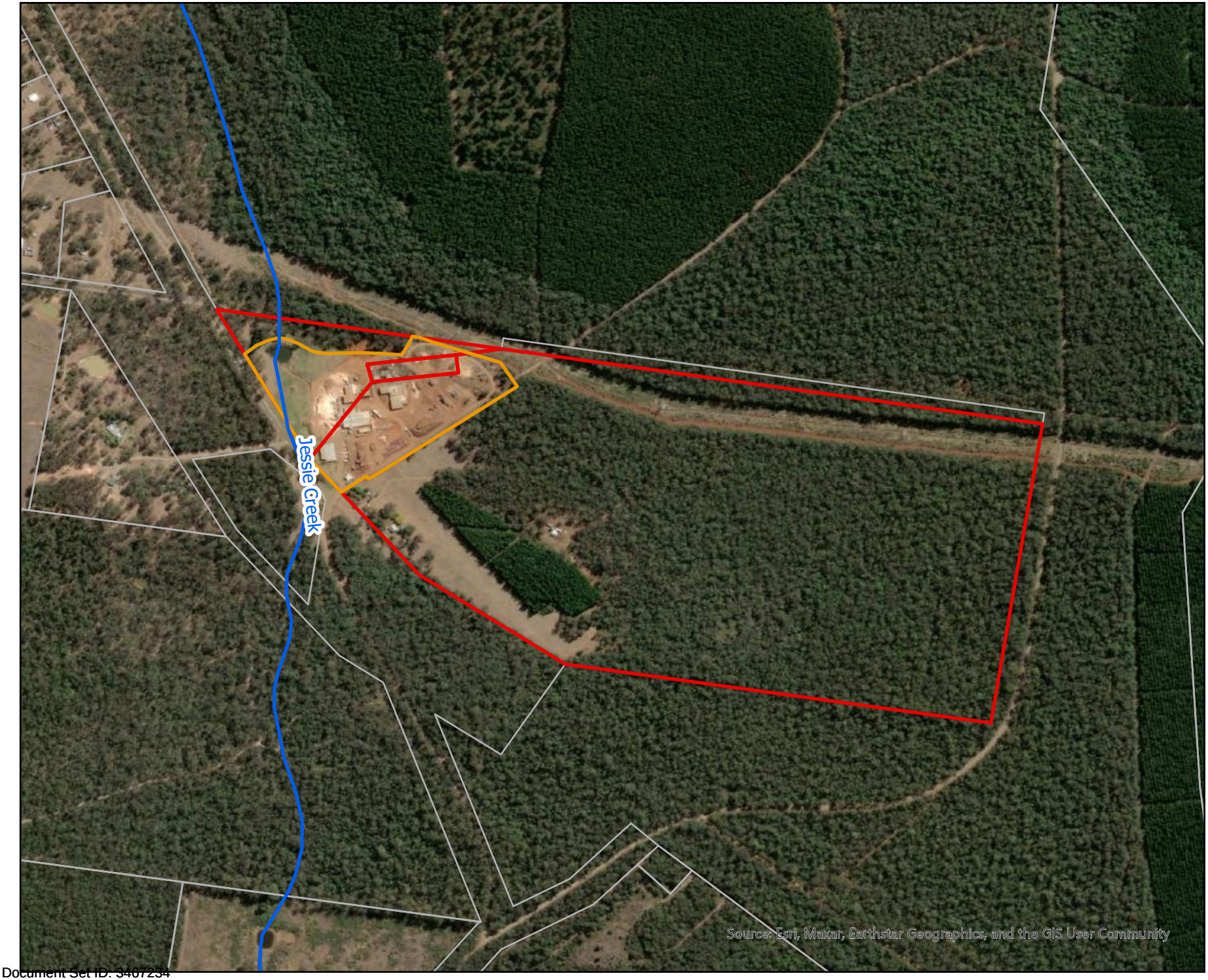


Figure 10
Surface water features

Project: Environmental Assessment

Client: Pro-Pine Pty Ltd

Project No.: J001911

Compiled by: MJW Date: 4/02/2025
Approved by: RJM Date: 4/02/2025

Metres
0 110 220

Legend

- Cadastre
- Site boundary
- Operational footprint
- Vegetation management watercourse and drainage feature map

The content of this document includes third party data. Range Environmental Consultants does not guarantee the accuracy of such data.

Source: Cadastral data sourced from DNRME (2025).

N

range environmental consultants

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



Figure 11
Registered groundwater bores and Potential GDEs

Project: Environmental Assessment

Client: Pro-Pine Pty Ltd

Project No.: J001911

Compiled by: MJW Date: 4/02/2025
Approved by: RJM Date: 4/02/2025

Metres
0 210 420

Legend

- Site boundary
- Operational footprint
- Nominal 1km buffer
- Registered groundwater bores
- Surface GDE lines
- Terrestrial GDE areas

Potential GDE aquifers

- Fractured and consolidated sedimentary
- Unconsolidated sedimentary

The content of this document includes third party data. Range Environmental Consultants does not guarantee the accuracy of such data.

Source: Cadastral data sourced from DNRME (2025).

N

range environmental consultants

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

5.5 Visual Amenity

The site is zoned as Rural under the South Burnett Planning Scheme 2017 (v2.0). The visual amenity of the site is consistent with the surrounding area and meets the relevant POs under the rural zone code (Appendix A).

5.6 Cultural Heritage

The site does not have any recorded indigenous or other cultural heritage values as demonstrated in the following sections. The site is heavily disturbed and therefore is unlikely to contain areas or items of cultural heritage value.

5.6.1 Indigenous Cultural Heritage

A search of the Department of Aboriginal and Torres Strait Islander Partnerships' Cultural Heritage Database and Register determined the following regarding the site and a nominal 5 km surrounding buffer (Appendix E):

- No Aboriginal cultural heritage site points were recorded at the site.
- 30 Aboriginal cultural heritage site points were recorded in the specific search area (artefact scatter, scarred/carved trees, and earthen arrangements).

There were no native title claims over the site or within a nominal 5 km surrounding buffer (Appendix E).

5.6.2 Other Cultural Heritage

The site has no other cultural heritage values recorded on Local, State or Federal databases or registers (Appendix E).

5.7 Air and Noise

The site is zoned as Rural under the South Burnett Planning Scheme 2017 (v2.0). Land uses in the local area of relevance to ambient air and noise levels include:

- Existing sawmill operations.
- Public Roads: Old Esk Road and the D'Aguilar Highway (1.8 km south of the site).
- Rural land uses (including rural residential, production and plantation forestry, irrigated perennial horticulture and grazing native vegetation).

The EPA South Australia (2023) outlines a separation distance of 500 m for timber processing works, including sawing, milling, chipping, debarking and hogging. The nearest and most potentially affected noise and air quality sensitive receptors include the residential dwellings identified in Figure 12.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

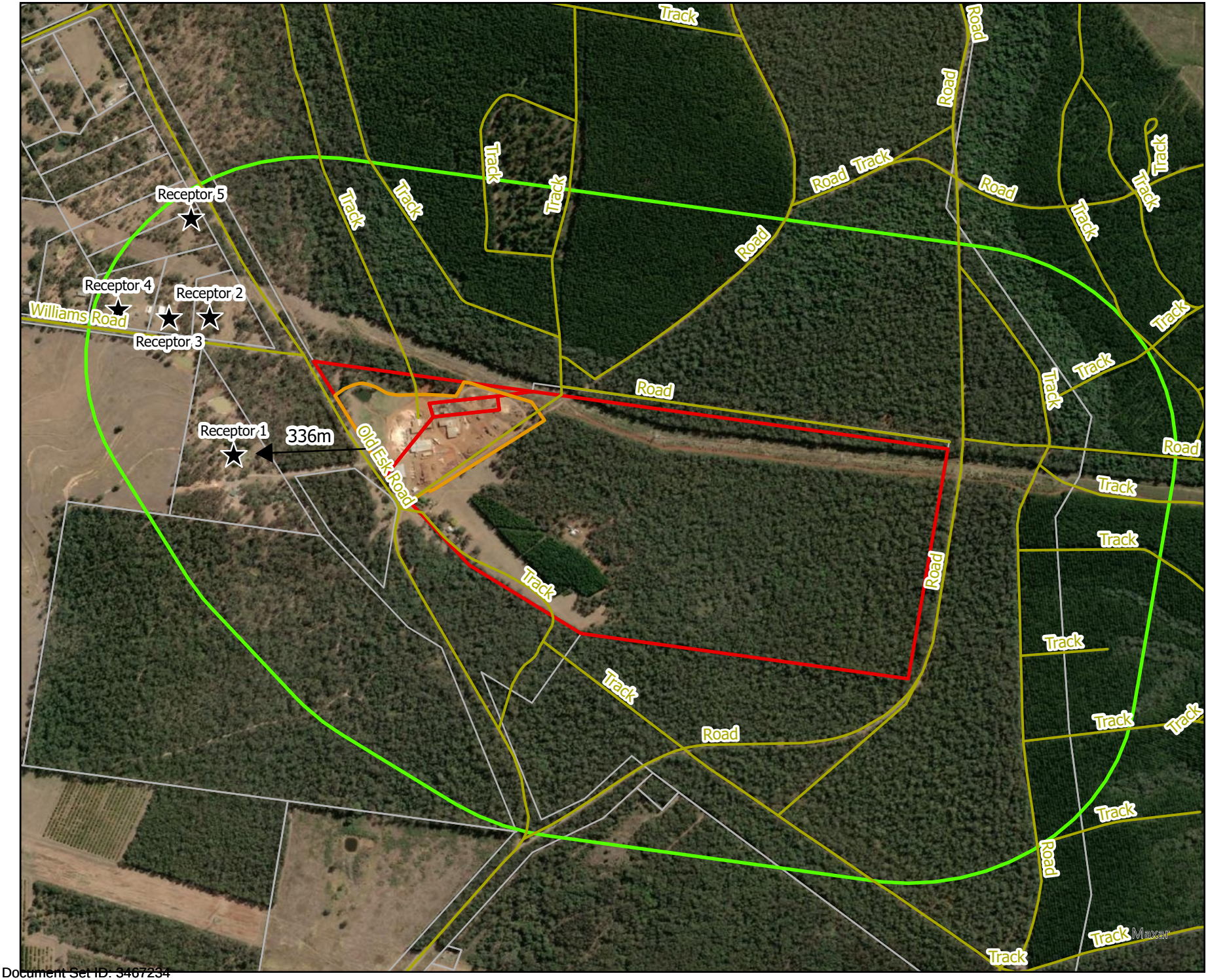


Figure 12 Sensitive Receptors

Project: Noise Impact Assessment

Client: Pro-Pine Pty Ltd

Project No.: J001911

Compiled by: MJW Date: 25/03/2025
Approved by: RJM Date: 25/03/2025

0 150 300 Metres

Legend

- Cadastre
- Site boundary
- Operational footprint
- 500m buffer
- Sensitive Receptors
- Roads

The content of this document includes third party data. Range Environmental Consultants does not guarantee the accuracy of such data.

Source: Cadastral data sourced from DNRME (2025).

N

range environmental consultants

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

5.8 Climate

This section provides a description of the climatic features of the region based on data from the Bureau of Meteorology's (BoM) Kingaroy Airport weather station (station no. 040922), which is located approximately 44km north-west of the site.

5.8.1 Temperature

The area experiences a temperate climate with hot summers (average maximum of 31°C) and cold winters (average minimum of 3.9°C).

5.8.2 Rainfall

The median annual rainfall for the area is 624.6 mm. The monthly distribution of median rainfall demonstrates that the region experiences distinct wet and dry seasons (Figure 13). Most rainfall occurs over summer (October to March) with the least rainfall received in the middle of the year (April to September).

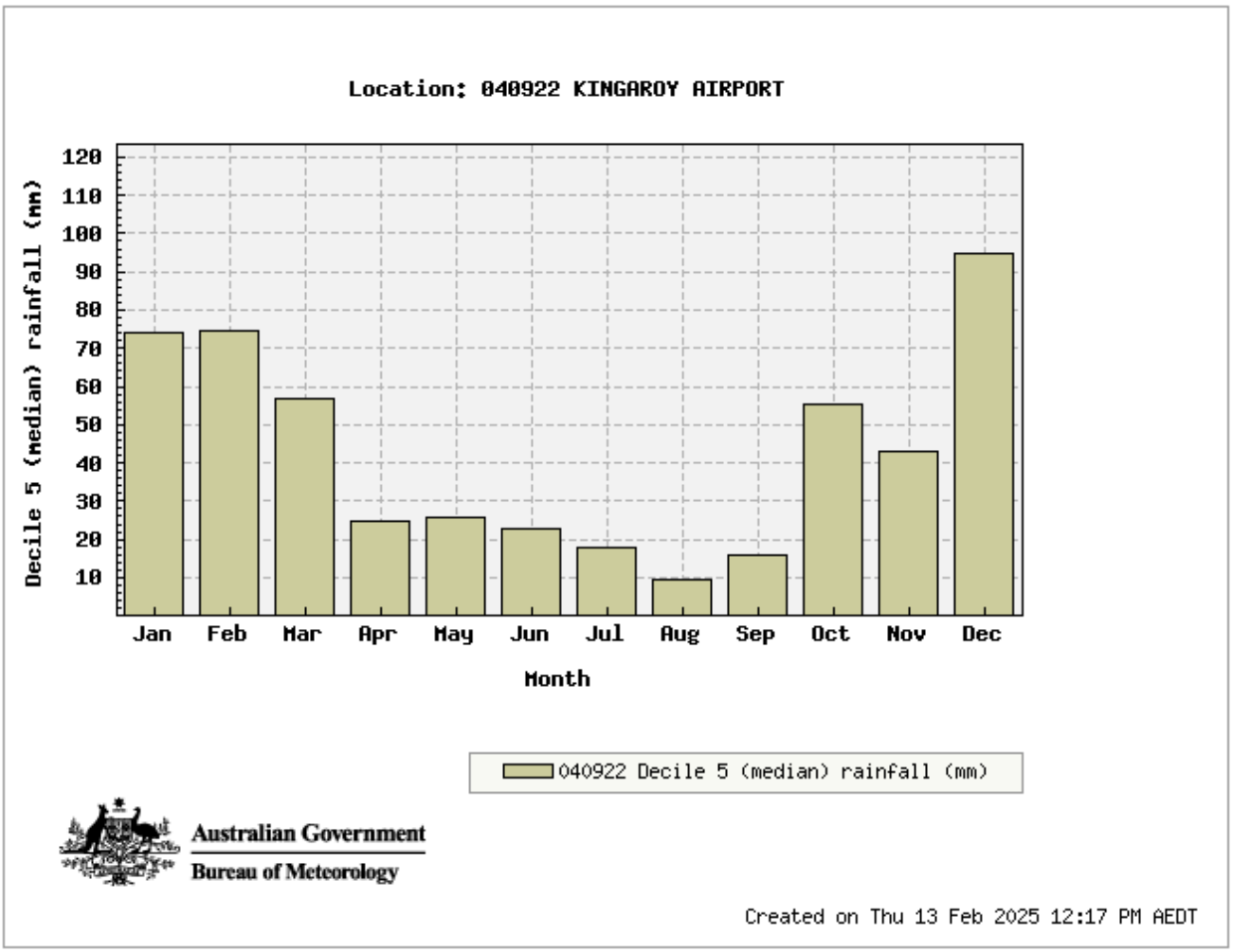


Figure 13 Monthly Rainfall Distribution

5.8.3 Wind

An annual wind rose for the area is presented at Figure 14 below for the Kingaroy Airport (station no. 040922) which shows that the prevailing annual wind direction is from the east to south-east (BoM, 2024).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

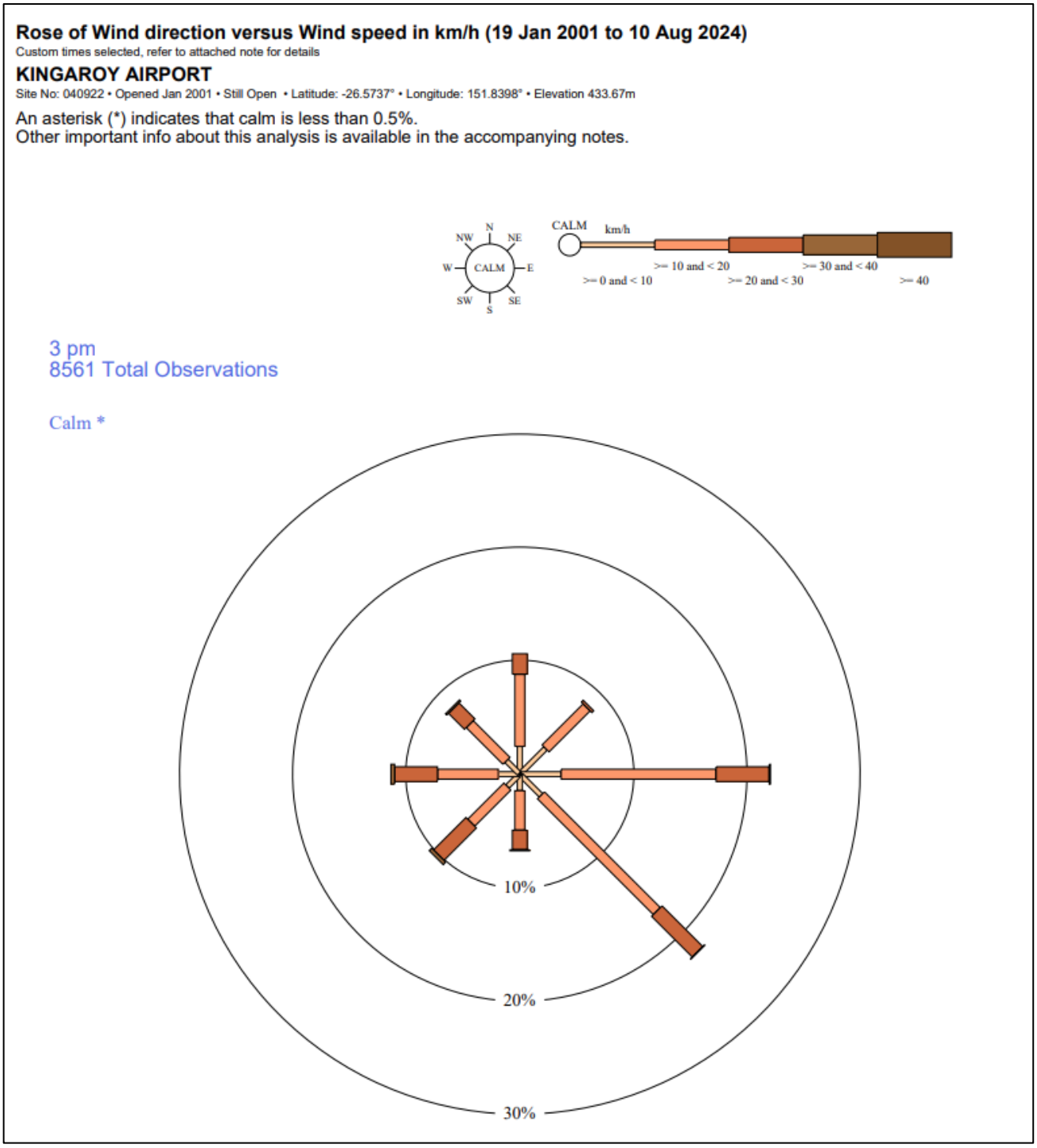


Figure 14 Kingaroy Airport Annual Wind Rose

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

6 Emissions Profile

A project emissions profile is provided in Table 7 below to describe potential emission sources from the proposed conduct of ERA 47 (c) and ERA 33 at the site.

Table 7 Project Emissions Profile

Emission Type and Description	Potential Source and Impact
Noise, Air, Greenhouse Gases, Odour and Light	
Noise emissions from site operations.	• Noise emissions from the operation of plant/equipment and vehicle movements causes nuisance at sensitive receptors.
Air emissions from site operations.	• Air emissions from the operation of plant and equipment, timber processing, and the stockpiling of woodchip and sawdust causes nuisance at sensitive receptors.
Greenhouse gas (GHG) emissions from site operations.	• GHG emissions are released to the atmosphere as a direct result of the operation of the sawmill (i.e., Scope 1 under the DETSI's GHG Guideline) that significantly contributes to climate change.
Odour emissions from site operations.	• Odour emissions from the operation of plant and equipment, timber processing, and the stockpiling of woodchip and sawdust causes nuisance at sensitive receptors.
Light emissions from site operations.	• Light emissions from the site causes nuisance at sensitive receptors.
Water – Stormwater, Surface Water and Groundwater	
Spills or leaks of liquid contaminants to waters.	• Spill/leak from chemical storages or during refuelling or handling activities causes a release of contaminants to stormwater, surface water or groundwater.
Release of wastes to waters.	• Poor management of solid or liquid wastes causes a release of contaminants to stormwater, surface water or groundwater.
Release of firefighting water during an emergency at the site.	• Contaminated firewater is released from the site during an emergency and adversely impacts water quality.
Land	
Spills or leaks of liquid contaminants to land.	• Spill/leak from chemical storages or during refuelling or handling activities causes a release of contaminants to soil.
Release of wastes to land.	• Poor management of solid or liquid wastes causes a release to land.
Release of firefighting water during an emergency at the site.	• Contaminated firewater is released from the site during an emergency and adversely impacts soil quality.
Waste	
Disposal of wastes to land or waters at the site.	• Nil – no proposed disposal of wastes to land or waters at the site.
Accidental spills, leaks, or losses of wastes to the environment.	• Poor management of solid or liquid wastes causes a release to land, air, or waters.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

7 Environmental Impact Risk Assessment

A qualitative environmental risk assessment was undertaken with reference to HB 203:2006 Environmental Risk Management – Principles and process (Standards Australia, 2006) to assess the environmental risk presented to the local environmental values described at Section 5.

7.1 Context

- The proposal is for the expansion (increased annual throughput) of the existing sawmill located at 256 Old Esk Road, Taromeo (formally comprised of Lots 228 and 229 on SP136942).
- The proposed operations require a site-specific EA amendment application for ERA 47 (c) and ERA 33.
- Major stakeholders that have a strong interest in the operations of the sawmill include:
  - South Burnett Regional Council.
  - Department of the Environment, Tourism, Science and Innovation.
  - Industries/companies purchasing the products from the sawmill.
  - Neighbouring land holders located near the site.
- The closest sensitive receptor to the site is an existing residential dwelling (Receptor 1) located approximately 336 m west of the operational footprint (stockpiling adjacent to Mill 1) (Figure 12).

7.2 Scope

To determine the level of environmental risk presented by the proposed operations on the local environmental values.

7.3 Identification of Environmental Risks

The risk of potential impacts on environmental values are identified in Table 8 below.

7.4 Risk Analysis

A qualitative analysis of environmental risk for the proposed operations is provided in Table 8 below. The risk analysis tool is provided at Appendix F.

7.5 Risk Evaluation

As shown in Table 8 below, the proposed operation was found to present a low risk of adverse environmental impact.

7.6 Risk Treatment and Monitoring

The Site Based Management Plan (SBMP) prepared by Range Environmental (Reference: J001911) describes how environmental risks will be treated and monitored to maintain a low level of environmental risk for the future operation of the sawmill.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Table 8 Qualitative Environmental Impact Risk Analysis

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment
Land	Spill/leak from chemical storages or during refuelling or handling activities causes a release of contaminants to soil.	Unlikely	Insignificant	Low	• All chemicals stored onsite in containers greater than 15L are provided with secondary containment (including self-bunding, concrete containment area, bunded pallets, spill trays, etc.). • Refuelling of mobile equipment shall be undertaken at the location of the self-bunded AST only. • Any spills/leaks that occur at the site shall be absorbed using the sawdust produced onsite. • Plant and equipment shall be maintained as per the manufacturer's specifications. • Spills and leaks of contaminants at the site are not anticipated to present a significant soil contamination risk.
	Contaminated firewater is released from the site during an emergency and adversely impacts soil quality.	Unlikely	Minor	Low	• During operations at the site, measures shall be undertaken to reduce the possibility of fire, including regular housekeeping to reduce build-up of combustible materials, regular waste removal, and maintenance of plant and equipment. • In the event of a fire at the site, the use of firewater shall be minimised as far as reasonably practicable and measures to contain firewater onsite shall be employed as required. • The SBMP outlines further measures that shall be taken to reduce the risk of fire at the site. • The proposed operations are not anticipated to present a significant soil contamination risk in the event of a fire.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment
	Poor management of solid or liquid wastes causes a release to land.	Unlikely	Insignificant	Low	• General and recyclable wastes shall be stored in covered bins and removed from the site weekly for disposal or recycling by JJ Richards. • Regulated wastes generated from onsite servicing of mechanical plant and equipment shall be removed offsite by the service technicians at the end of each task/day (whichever occurs first). • There shall be no onsite waste disposal or burning of wastes. • ViridAU's Air Quality Impact Assessment demonstrated that air emissions from wind erosion of designated stockpiling locations of sawdust, timber waste and exposed areas can be mitigated to minimise a release to land. • Storage of wastes at the site is not anticipated to present a significant soil contamination risk.
Water (stormwater, surface water and groundwater)	Spill/leak from chemical storages or during refuelling or handling activities causes a release of contaminants to stormwater, surface water or groundwater.	Unlikely	Insignificant	Low	• All chemicals stored onsite in containers greater than 15L are provided with secondary containment (including self-bunding, concrete containment area, bunded pallets, spill trays, etc.). • Refuelling of mobile equipment shall be undertaken at the location of the self-bunded AST only. • Any spills/leaks that occur at the site shall be absorbed using the sawdust produced onsite. • Plant and equipment shall be maintained in accordance with the manufacturer's specifications. • Stormwater within the operational footprint shall be managed in accordance with the Stormwater Management Plan prepared by

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment
					RMA Engineers, which demonstrated the following: • A sediment basin has been designed for the 24 hour 10% AEP storm event to mitigate sediment loads leaving a portion of the development site in accordance with DETSI's Stormwater Guideline: Environmentally Relevant Activities (ESR/2015/1653) to minimise the risk of contaminated stormwater leaving the site. • Channels have been designed to convey runoff internal to the development to the sediment basins and around the site operations. • The proposed development will reduce the size of the contributing catchments discharging external to the site. The reduced catchments will therefore not increase the median post-developed peak flow discharging from the site. • Groundwater is deep (at least 24 mbgl) and at a low risk of impact. • Spills and leaks of contaminants at the site are not anticipated to present a significant contamination risk to waters.
	Contaminated firewater is released from the site during an emergency and adversely impacts water quality.	Unlikely	Minor	Low	• Groundwater is deep (at least 24 mbgl) and at a low risk of impact. • During operations at the site, measures shall be undertaken to reduce the possibility of fire, including regular housekeeping to reduce build-up of combustible materials, regular waste removal, and maintenance of plant and equipment. • In the event of a fire at the site, the use of firewater shall be minimised as far as reasonably practicable and measures to

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment
					contain firewater onsite shall be employed as required. • The SBMP outlines further measures that shall be taken to reduce the risk of fire at the site. • The proposed operations are not anticipated to present a significant contamination risk to waters in the event of a fire.
	Poor management of solid or liquid wastes causes a release of contaminants to stormwater, surface water or groundwater.	Rare	Insignificant	Low	• General and recyclable wastes shall be stored in covered bins and removed from the site weekly for disposal or recycling by JJ Richards. • Regulated wastes generated from onsite servicing of mechanical plant and equipment shall be removed offsite by the service technicians at the end of each task/day (whichever occurs first). • There shall be no onsite waste disposal or burning of wastes. • ViridAU's Air Quality Impact Assessment demonstrated that air emissions from wind erosion of designated stockpiling locations of sawdust, timber waste and exposed areas can be mitigated to minimise a release to waters. • The storage of wastes at the site is not anticipated to present a significant contamination risk to waters.
Noise, Air, GHG emissions, Odour and Light	Noise emissions from the operation of plant/equipment and vehicle movements causes nuisance at sensitive receptors.	Unlikely	Minor	Low	• The closest sensitive receptor to the site is an existing residential dwelling (Receptor 1) located approximately 336 m west of the operational footprint (stockpiling adjacent to Mill 1) (Figure 12). • The dense forest areas surrounding the site provide a foliage volume attenuation with an effective height of 10m.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment

					• The Noise Impact Assessment prepared by ViridAU (Reference: V25-147.RT1.02) found the following:
					  • The predicted cumulative noise levels at all residential receptors comply with the outdoor Acoustic Quality Objectives in the Environment Protection (Noise) Policy 2019.
					  • Sound insulation testing was conducted at the most exposed receptor to derive specific outdoor to indoor transmission losses with the windows open. Predicted internal noise levels calculated with the measured outdoor to indoor sound transmission losses comply with the indoor Acoustic Quality Objectives in the
					  • Environment Protection (Noise) Policy 2019 for the daytime and night-time period, and with the sleep disturbance criterion.
					• All plant and equipment associated with timber milling, woodchipping and maintenance works shall be restricted to the daytime period (7:00am to 4:00pm). The only noise sources that shall be operational during the night-time period (6:00am to 7:00am) are light and heavy vehicles, the 30t excavator, wheeled loader and mini loader.
					• The SBMP provides further management measures that shall be implemented at the site to minimise noise emissions.
					• Note - Ongoing noise monitoring is not required for the following reasons:
					  • Sleep disturbance at nearby sensitive receptors is a low risk due to the daytime operating hours of the timber milling and woodchipping activities.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment
					• There is no history of noise complaints at the nearest and most sensitive receptor (Receptor 1). • The predicted cumulative noise levels complied with the relevant noise assessment criteria. • Pro-Pine shall proactively manage noise emissions as outlined above. • The proposed operations are not anticipated to present a significant noise nuisance risk due to the separation distances to sensitive receptors, the daytime operations of milling and woodchipping activities and the demonstrated façade attenuation levels for the nearby sensitive receptors.
	Air emissions from the operation of plant and equipment, timber processing, and the stockpiling of woodchip and sawdust causes nuisance at sensitive receptors.	Unlikely	Insignificant	Low	• No complaints of air quality nuisance have been received for the existing sawmill operations. • Dispersion modelling of air emission sources in ViridAU's Air Quality Impact Assessment demonstrated that air emissions from the proposed operations complied with the relevant air quality criteria. • The SBMP includes mitigation measures to minimise dust emissions from the proposed operations. • The proposed operations are not anticipated to cause air quality nuisance at sensitive receptors.
	Odour emissions from the operation of plant and equipment, timber processing, and the stockpiling of woodchip and sawdust causes nuisance at sensitive receptors.	Unlikely	Insignificant	Low	• The closest sensitive receptor to the site is an existing residential dwelling (Receptor 1) located approximately 336 m west of the operational footprint (stockpiling adjacent to Mill 1) (Figure 12).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment
					• ViridAU's Air Quality Impact Assessment does not present any sources of odour as a matter of concern regarding environmental nuisance. • The proposed operations are not anticipated to cause odour impacts at nearby sensitive receptors.
	GHG emissions are released to the atmosphere as a direct result of the operation of the sawmill (i.e., Scope 1 under the DETSI's GHG Guideline) that significantly contributes to climate change.	Unlikely	Insignificant	Low	The following information was collated to respond to Table 3 of the DETSI's Greenhouse gas emissions guideline (2024) regarding the application requirements for low emitters (i.e., generate <25,000t CO_2-e per year): • ViridAU's Air Quality Impact Assessment included an assessment of total Scope 1 and Scope 2 emissions, which was calculated to be 1078t CO_2-e per year. • Therefore, the proposed operation is categorised as a low emitter and does not require annual reporting of GHG emissions.
	Light emissions from the site causes nuisance at sensitive receptors.	Unlikely	Insignificant	Low	• Outdoor lighting at the site shall comply with Australian Standard *AS4282 Control of the Obtrusive Effects of Outdoor Lighting*. • Light spill emissions from the site will be shielded by existing vegetation between the site and nearby sensitive receptors. • Nuisance impacts in relation to light emissions from the site are unlikely due to separation distances.
Biodiversity	Clearing of protected vegetation communities (Regional Ecosystems or TECs).	Rare	Insignificant	Low	• No further clearing works or disturbance to the mapped vegetation within the operational footprint is proposed as part of this application. • If clearing works were required within the operational footprint in the future, the works would meet the definition of exempt clearing work under Schedule 21 of the Planning

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment
					Regulation 2017 as it would be restricted to the Category X area or would be considered necessary for essential management of existing infrastructure (maintenance of the existing vehicular track adjacent to the mapped vegetation). • The proposed operations will not have a significant impact on protected vegetation communities.
	Harm to threatened flora and fauna species and their habitat.	Rare	Unlikely	Low	• The operational footprint is located in a highly modified area of the site due to previous and ongoing activities and does not provide important habitat value for local fauna. • No further clearing works or disturbance to the mapped vegetation within the operational footprint is proposed as part of this application. • If clearing works were required within the operational footprint in the future, the works would meet the general exemptions for the take of protected plants under the Nature Conservation (Plants) Regulation 2020 as it would be considered clearing for routine maintenance of infrastructure (the existing vehicular track adjacent to the mapped vegetation). • The proposed operations will not impact threatened flora or fauna or their habitat.
	Introduction or spread of weeds, pests (rodents) and vectors (mosquitoes).	Unlikely	Minor	Low	• Weeds and pests (rodents, cockroaches, etc.) shall be managed as part of routine site maintenance (as per the SBMP). • The proposed operations are not anticipated to present a significant risk with regards to the proliferation of weeds, pests (rodents) or vectors (mosquitoes).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment

	Harm to the ecological values and functions of waterways or wetlands.	Rare	Insignificant	Low	• All chemicals stored onsite in containers greater than 15L are provided with secondary containment (including self-bunding, concrete containment area, bunded pallets, spill trays, etc.).
					• Refuelling of mobile equipment shall be undertaken at the location of the self-bunded AST only.
					• Any spills/leaks that occur at the site shall be absorbed using the sawdust produced onsite.
					• Plant and equipment shall be maintained in accordance with the manufacturer's specifications.
					• Stormwater within the operational footprint shall be managed in accordance with the Stormwater Management Plan prepared by RMA Engineers, which demonstrated the following:
					  • A sediment basin has been designed for the 24 hour 10% AEP storm event to mitigate sediment loads leaving a portion of the development site in accordance with DETSI's Stormwater Guideline: Environmentally Relevant Activities (ESR/2015/1653) to minimise the risk of contaminated stormwater leaving the site.
					  • Channels have been designed to convey runoff internal to the development to the sediment basins and around the site operations.
					  • The proposed development will reduce the size of the contributing catchments discharging external to the site. The reduced catchments will therefore not increase the median post-developed peak flow discharging from the site.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment
					• The proposed operations will not impact the ecological values or functions of any waterways or wetlands in the local area.
	Adverse impacts to areas of environmental significance, landscape connectivity or protected areas.	Rare	Insignificant	Low	• The operational footprint is located in a highly modified area of the site due to previous and ongoing activities. The remainder of the site includes some areas that have been disturbed from the establishment of infrastructure, access tracks and fire breaks; however, mostly comprises an area of dense vegetation, which may provide important landscape connectivity for local fauna. • No significant residual impact to landscape connectivity or protected areas is anticipated to occur due to the proposed operations.
	Adverse impacts on PEM (MSES or MNES) at the site.	Rare	Insignificant	Low	• No further clearing works or disturbance to the mapped vegetation within the operational footprint is proposed as part of this application. • If clearing works were required within the operational footprint in the future, the works would meet the definition of exempt clearing work under Schedule 21 of the Planning Regulation 2017 as it would be restricted to the Category X area or would be considered necessary for essential management of existing infrastructure (maintenance of the existing vehicular track adjacent to the mapped vegetation). • The proposed operations will not have a significant residual impact on MSES or MNES and therefore does not require referral under the EPBC Act. • No environmental offsets are required.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment
Visual Amenity	Site operations and associated infrastructure reduces the visual amenity of the site.	Rare	Insignificant	Low	• The proposed operations do not include the establishment of additional infrastructure or operating areas. • Site operations are shielded from nearby sensitive receptors by existing vegetation. • No significant impacts to visual amenity of the local area are anticipated.
Cultural Heritage	The proposed operations adversely impact the cultural heritage values of the site.	Rare	Insignificant	Low	• There are no recorded cultural heritage values at the site (Section 5.6). • No significant impacts to cultural heritage values are anticipated.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

8 Summary

This environmental assessment was undertaken to support Pro-Pine Pty Ltd.'s application for a site-specific Environmental Authority amendment application to undertake the following ERAs:

- ERA 47 (c) – Timber milling and woodchipping – milling, in a year, more than 20,000t but not more than 100,000t of timber.
- ERA 33 - Crushing, milling, grinding or screening - crushing, grinding, milling or screening more than 5,000t of material in a year.

The qualitative environmental impact risk assessment demonstrated that there was a low risk to environmental values from the proposed conduct of ERA 47 (c) and ERA 33 at the site. The assessment confirmed that there are no anticipated significant residual impacts to Prescribed Environmental Matters and therefore no environmental offsets are required.

Implementation of the SBMP prepared by Range Environmental will maintain the low risk of harm to environmental values during the conduct of ERA 47 (c) and ERA 33 at the site.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

9 References

Bureau of Meteorology (BoM). 2024. Kingaroy Airport (station no. 040922) Annual Wind Rose.

Bureau of Rural Sciences. 2009. Digital Atlas of Australian Soils. Bioregional Assessment Source Dataset.

Department of Environment and Science. 2022. Upper Brisbane River Environmental Values and Water Quality Objectives. Part of Basin 143.

RMA Engineers. 2025. Stormwater Management Plan. Project Number 24E-0202.

RMA Engineers. 2025. Traffic Impact Assessment. Project Number 24E-0202.

ViridAU. 2025. Air Quality Impact Assessment (Reference: V25-020.RT1.03).

ViridAU. 2025. Noise Impact Assessment (Reference: V25-147.RT1.02).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Appendices

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Appendix A Code Response Tables

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Table 9 SDAP State Code 22: Environmentally Relevant Activities (v3.3)

Performance outcomes	Acceptable outcomes	Response
All ERAs		

PO1 Development is suitably located and designed to avoid or mitigate environmental harm to the acoustic environment.	AO1.1 Development meets the acoustic quality objectives for sensitive receptors identified in the Environmental Protection (Noise) Policy 2019.	Complies with PO1 as no significant impacts to amenity in relation to noise emissions are anticipated because:
		• The closest sensitive receptor to the site is an existing residential dwelling (Receptor 1) located approximately 336 m west of the operational footprint (stockpiling adjacent to Mill 1) (Figure 12).
		• The dense forest areas surrounding the site provide a foliage volume attenuation with an effective height of 10m.
		• The Noise Impact Assessment prepared by ViridAU (Reference: V25-147.RT1.02) found the following:
		  • The predicted cumulative noise levels at all residential receptors comply with the outdoor Acoustic Quality Objectives in the Environment Protection (Noise) Policy 2019.
		  • Sound insulation testing was conducted at the most exposed receptor to derive specific outdoor to indoor transmission losses with the windows open. Predicted internal noise levels calculated with the measured outdoor to indoor sound transmission losses comply with the indoor Acoustic Quality Objectives in the
		  • Environment Protection (Noise) Policy 2019 for the daytime and night-time period, and with the sleep disturbance criterion.
		• All plant and equipment associated with timber milling, woodchipping and maintenance works shall be restricted to the daytime period (7:00am to 4:00pm). The only noise sources that shall be operational during the night-time period (6:00am to 7:00am) are light and heavy vehicles, the 30t excavator, wheeled loader and mini loader.
		• The SBMP provides further management measures that shall be implemented at the site to minimise noise emissions.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Performance outcomes	Acceptable outcomes	Response

		• Note - Ongoing noise monitoring is not required for the following reasons:
		  ◦ Sleep disturbance at nearby sensitive receptors is a low risk due to the daytime operating hours of the timber milling and woodchipping activities.
		  ◦ There is no history of noise complaints at the nearest and most sensitive receptor (Receptor 1).
		  ◦ The predicted cumulative noise levels complied with the relevant noise assessment criteria.
		  ◦ Pro-Pine shall proactively manage noise emissions as outlined above.
		• The proposed operations are not anticipated to present a significant noise nuisance risk due to the separation distances to sensitive receptors, the daytime operations of milling and woodchipping activities and the demonstrated façade attenuation levels for the nearby sensitive receptors.

PO2 Development is suitably located and designed to avoid or mitigate environmental harm to the air environment.	AO2.1 Development meets the air quality objectives of the Environmental Protection (Air) Policy 2019.	Complies with PO2 as no significant impacts to air quality are anticipated because: • No complaints of air quality nuisance have been received for the existing sawmill operations. • Dispersion modelling of air emission sources in ViridAU's Air Quality Impact Assessment demonstrated that air emissions from the proposed operations complied with the relevant air quality criteria. • The SBMP includes mitigation measures to minimise dust emissions from the proposed operations. • The proposed operations is not anticipated to cause air quality nuisance at sensitive receptors.
PO3 Development (other than intensive animal industry for poultry farming), is suitably located and designed to avoid or mitigate environmental harm on adjacent sensitive land uses caused by odour.	No acceptable outcome is prescribed.	Complies with PO3 as no significant impacts to odour amenity are anticipated because: • The closest sensitive receptor to the site is an existing residential dwelling (Receptor 1) located approximately 336 m west of the operational footprint (stockpiling adjacent to Mill 1) (Figure 12).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Performance outcomes	Acceptable outcomes	Response
		• ViridAU's Air Quality Impact Assessment does not present any sources of odour as a matter of concern regarding environmental nuisance. • The proposed operations is not anticipated to cause odour impacts at nearby sensitive receptors.

PO4 Development is suitably located and designed to avoid or mitigate environmental harm to the receiving waters environment.	AO4.1 Development meets the management intent, water quality guidelines and objectives of the Environmental Protection (Water and Wetland Biodiversity) Policy 2019.	Complies with PO4 as no harm to the receiving waters environment is anticipated because:
		• Groundwater is deep (at least 24 mbgl).
		• Stormwater within the operational footprint shall be managed in accordance with the Stormwater Management Plan prepared by RMA Engineers, which demonstrated the following:
		  • A sediment basin has been designed for the 24 hour 10% AEP storm event to mitigate sediment loads leaving a portion of the development site in accordance with DETSI's Stormwater Guideline: Environmentally Relevant Activities (ESR/2015/1653) to minimise the risk of contaminated stormwater leaving the site.
		  • Channels have been designed to convey runoff internal to the development to the sediment basins and around the site operations.
		  • The proposed development will reduce the size of the contributing catchments discharging external to the site. The reduced catchments will therefore not increase the median post-developed peak flow discharging from the site.
		• All chemicals stored onsite in containers greater than 15L are provided with secondary containment (including self-bunding, concrete containment area, bunded pallets, spill trays, etc.).
		• Refuelling of mobile equipment shall be undertaken at the location of the self-bunded AST only.
		• Any spills/leaks that occur at the site shall be absorbed using the sawdust produced onsite.
		• The proposed operations is not anticipated to present a significant contamination risk to waters.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Performance outcomes	Acceptable outcomes	Response
		• The proposed operations meets the requirements of the EPP (Water and Wetland Biodiversity) 2019.
PO5 Development is designed to include elements which: 1. prevent or minimise the production of hazardous contaminants and waste as by-products; or 2. contain and treat hazardous contaminants on-site rather than releasing them into the environment; and 3. provide secondary containment to prevent the accidental release of hazardous contaminants to the environment from spillage or leaks.	No acceptable outcome is prescribed.	Complies with PO5 as no harm to the receiving environment is anticipated because: • All chemicals stored onsite in containers greater than 15L are provided with secondary containment (including self-bunding, concrete containment area, bunded pallets, spill trays, etc.). • Refuelling of mobile equipment shall be undertaken at the location of the self-bunded AST only. • Any spills/leaks that occur at the site shall be absorbed using the sawdust produced onsite. • Regulated wastes generated from onsite servicing of mechanical plant and equipment shall be removed offsite by the service technicians at the end of each task/day (whichever occurs first). • ViridAU's Air Quality Impact Assessment demonstrated that air emissions from wind erosion of designated stockpiling locations of sawdust, timber waste and exposed areas can be mitigated to minimise a release to waters. • No onsite disposal of wastes shall be permitted.
PO6 Environmentally hazardous materials located on-site are stored to avoid or minimise their release into the environment due to inundation during flood events.	No acceptable outcome is prescribed.	Complies with PO6 as no hazardous materials will be released during a flood event because: • The site is not mapped in a Flood Hazard Area under the Flood Hazard Overlay of the South Burnett Planning Scheme or by SPP mapping. • The SBMP outlines measures that shall be taken during operations to minimise the risk of hazardous materials being released during a heavy rainfall event at the site. • All chemicals stored onsite in containers greater than 15L are provided with secondary containment (including self-bunding, concrete containment area, bunded pallets, spill trays, etc.). • Regulated wastes generated from onsite servicing of mechanical plant and equipment shall be removed offsite by the service technicians at the end of each task/day (whichever occurs first).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Performance outcomes	Acceptable outcomes	Response

		• Stormwater within the operational footprint shall be managed in accordance with the Stormwater Management Plan prepared by RMA Engineers, which demonstrated the following regarding the mitigation measures to minimise the risk of contaminated stormwater leaving the site during a flood event:
		  ◦ A sediment basin has been designed for the 24 hour 10% AEP storm event to mitigate sediment loads leaving a portion of the development site in accordance with DETSI's Stormwater Guideline: Environmentally Relevant Activities (ESR/2015/1653) to minimise the risk of contaminated stormwater leaving the site.
		  ◦ Channels have been designed to convey runoff internal to the development to the sediment basins and around the site operations.
		  ◦ The proposed development will reduce the size of the contributing catchments discharging external to the site. The reduced catchments will therefore not increase the median post-developed peak flow discharging from the site.
		• The proposed operations will not present a significant water contamination risk from hazardous materials during flood events.

All development – matters of state environmental significance		
PO7 Development is designed and sited to: 1. avoid impacts on matters of state environmental significance; or 2. minimise and mitigate impacts on matters of state environmental significance after demonstrating avoidance is not reasonably possible; and 3. provide an offset if, after demonstrating all reasonable avoidance, minimisation and mitigation measures are undertaken, the development results in an	No acceptable outcome is prescribed.	The proposed development complies with PO7 because: • No further clearing works or disturbance to the mapped vegetation within the operational footprint is proposed as part of this application. • If clearing works were required within the operational footprint in the future, the works would meet the definition of exempt clearing work under Schedule 21 of the Planning Regulation 2017 as it would be restricted to the Category X area or would be considered necessary for essential management of existing infrastructure (maintenance of the existing vehicular track adjacent to the mapped vegetation). • The proposed operations will not have a significant residual impact on PEM (MSES).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Performance outcomes	Acceptable outcomes	Response
acceptable significant residual impact on a matter of state environmental significance.		
Intensive animal industry – poultry farming (ERA 4(2))		
PO8 Poultry farming development (where farming more than 200,000 birds) is suitably located and designed to avoid or mitigate environmental harm on adjacent sensitive land uses, caused by odour.	AO8.1 For poultry farming involving 300,000 birds or less, development meets the separation distances as determined using the S-factor methodology to: 1. a sensitive land use in a rural zone; and 2. boundary of a non-rural zone. OR AO8.2 Development meets the separation distances as determined by odour modelling using the following criteria: 1. 2.5 odour units, 99.5 percent, 1 hour average for a sensitive land use in a rural zone; or 2. 1.0 odour units, 99.5 percent, 1 hour average for the boundary of a non-rural zone.	Not Applicable – application is not for ERA 4(2).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Table 10 South Burnett Planning Scheme 2017 (v2.0)

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
Rural zone code		
Section 1: General		

PO1
Development maintains rural amenity and character.
	AO1.1
	Buildings are set back 20m from any collector or higher order road and 10m from any other road frontage.
	and
	AO1.2
	The use does not cause odour, noise or air emissions in excess of the prescribed limits in the *Environmental Protection (Air) Policy 2019* or the *Environmental Protection (Noise) Policy 2019*.
		The proposed operations complies with AO1.2 regarding noise emissions because:
		• The closest sensitive receptor to the site is an existing residential dwelling (Receptor 1) located approximately 336 m west of the operational footprint (stockpiling adjacent to Mill 1) (Figure 12).
		• The dense forest areas surrounding the site provide a foliage volume attenuation with an effective height of 10m.
		• The Noise Impact Assessment prepared by ViridAU (Reference: V25-147.RT1.02) found the following:
		  • The predicted cumulative noise levels at all residential receptors comply with the outdoor Acoustic Quality Objectives in the Environment Protection (Noise) Policy 2019.
		  • Sound insulation testing was conducted at the most exposed receptor to derive specific outdoor to indoor transmission losses with the windows open. Predicted internal noise levels calculated with the measured outdoor to indoor sound transmission losses comply with the indoor Acoustic Quality Objectives in the
		  • Environment Protection (Noise) Policy 2019 for the daytime and night-time period, and with the sleep disturbance criterion.
		• All plant and equipment associated with timber milling, woodchipping and maintenance works shall be restricted to the daytime period (7:00am to 4:00pm). The only noise sources that shall be operational during the night-time period (6:00am to 7:00am) are light and heavy vehicles, the 30t excavator, wheeled loader and mini loader.
		• The SBMP provides further management measures that shall be implemented at the site to minimise noise emissions.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response

		• Note - Ongoing noise monitoring is not required for the following reasons:
		  ◦ Sleep disturbance at nearby sensitive receptors is a low risk due to the daytime operating hours of the timber milling and woodchipping activities.
		  ◦ There is no history of noise complaints at the nearest and most sensitive receptor (Receptor 1).
		  ◦ The predicted cumulative noise levels complied with the relevant noise assessment criteria.
		  ◦ Pro-Pine shall proactively manage noise emissions as outlined above.
		• The proposed operations are not anticipated to present a significant noise nuisance risk due to the separation distances to sensitive receptors, the daytime operations of milling and woodchipping activities and the demonstrated façade attenuation levels for the nearby sensitive receptors.
		The proposed operations complies with AO1.2 regarding air emissions because:
		• No complaints of air quality nuisance have been received for the existing sawmill operations.
		• Dispersion modelling of air emission sources in ViridAU's Air Quality Impact Assessment demonstrated that air emissions from the proposed operations complied with the relevant air quality criteria.
		• The SBMP includes mitigation measures to minimise dust emissions from the proposed operations.
		The proposed operations are not anticipated to cause air quality nuisance at sensitive receptors.

PO3 Development does not result in any degradation of the natural environment, in terms of the geotechnical, physical, hydrological and environmental characteristics of the site and its setting.	**AO3.1** Uses and associated works are confined to existing lawfully cleared land or areas not supporting regulated vegetation. and	The proposed operations complies with PO3 because: • Regulated Vegetation mapping shows Category B (remnant vegetation) comprising Least Concern RE 12.12.2 intersects the eastern portion of the operational footprint (Figure 6). No further clearing works or disturbance to the mapped vegetation is proposed as part of this application.

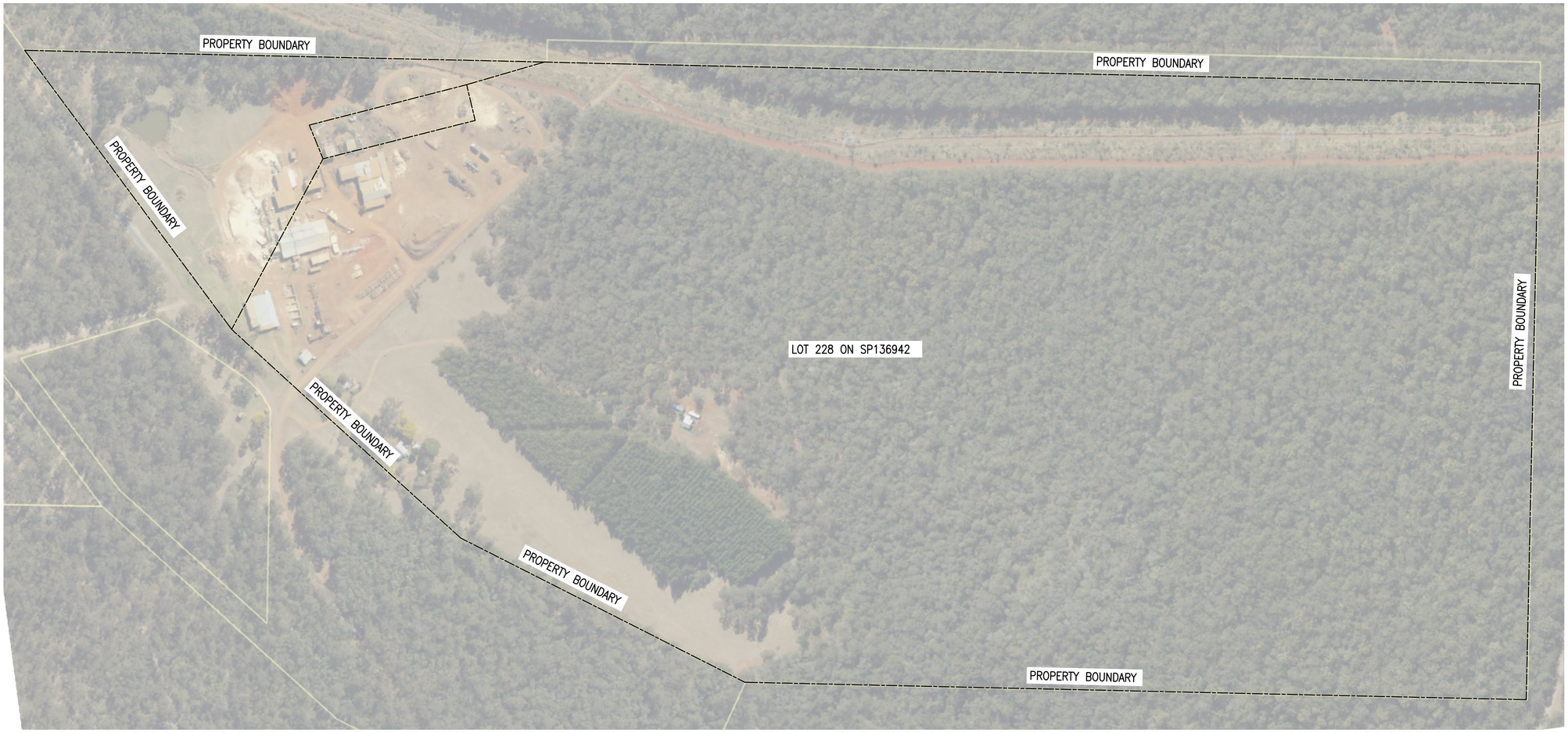
Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
	AO3.2 Uses and associated works are confined to areas outside stormwater discharge points, overland flow paths, watercourses and natural drainage features. and **AO3.3** Development, excluding forestry activities and permanent plantations, adjacent to National Parks or State Forests is set back a minimum of 100m from the park boundaries in the absence of any current 'Management Plans' for these areas.	• If clearing works were required within the operational footprint in the future, the works would meet the definition of exempt clearing work under Schedule 21 of the Planning Regulation 2017 as it would be restricted to the Category X area or would be considered necessary for essential management of existing infrastructure (maintenance of the existing vehicular track adjacent to the mapped vegetation).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Appendix B Site Layout Plans

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



OVERALL LOCALITY PLAN

Scale 1:2000 (A1)

LEGEND:

- Existing Property Boundary
- Existing Stormwater
- Existing Electrical (Aboveground)
- Stormwater Invert
- Design Minor Contours
- Design Major Contours
- Unknown Underground Pipe

SCALE BARS

0 20 40 60 80m

1:2000(A1) 1:4000(A3)

ISSUE	DESCRIPTION	DATE	DWN	DES	CHK	APP
B	FOR COORDINATION - ADDRESS UPDATED	02.08.24	EW	EW	AJN	EW
A	FOR COORDINATION	26.07.24	EW	EW	AJN	EW

R.P.E.Q.

THIS DOCUMENT IS UNCONTROLLED AND IS NOT TO BE USED FOR CONSTRUCTION UNTIL THIS NOTE IS REMOVED AND A DIGITAL SIGNATURE PROVIDED IN ITS PLACE

RMA Engineers
www.rmaeng.com.au

CLIENT
PRO-PINE SAWMILL
256 OLD ESK ROAD
TAROMEO QLD 4314

PROJECT
AS CONSTRUCTED SITE PLAN
256 OLD ESK ROAD
TAROMEO QLD 4314

TITLE
OVERALL LOCALITY PLAN

ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT NOTES ON DRAWING G0102

VERIFY ALL ON SITE DIMENSIONS AND LEVELS PRIOR TO CONSTRUCTION. NOTIFY RMA IMMEDIATELY OF ANY DISCREPANCIES

COPYRIGHT RMA ENGINEERS PTY LTD ©

HEIGHT DATUM	MAP GRID	SIZE
----	----	A1

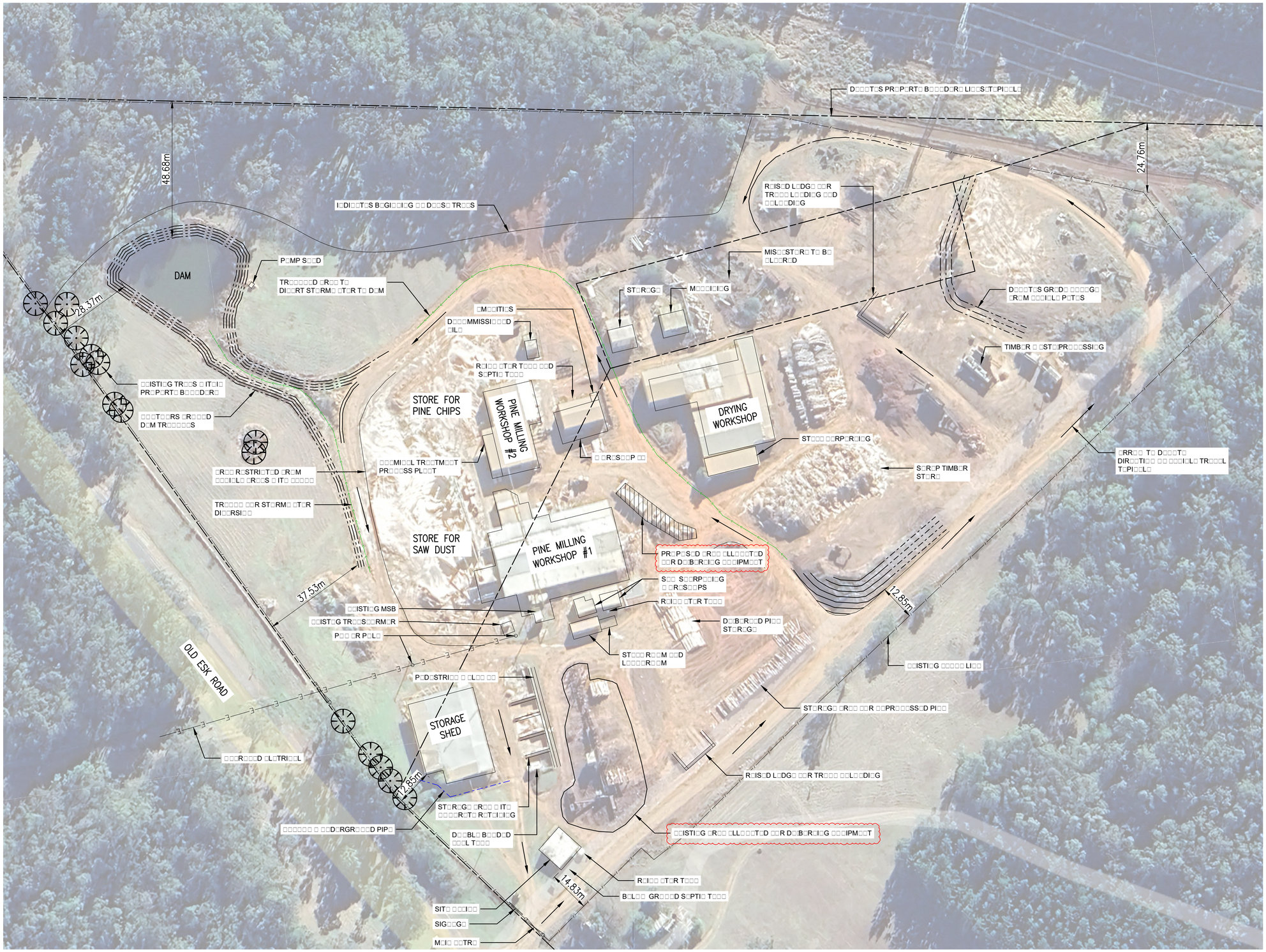
COUNCIL RAL/MCU NO.

COUNCIL OW NO.

PROJECT NO.	DRAWING NO.	ISSUE
24E-0202	A001.02	B

Copyright©: ----
N:\Synergy\Projects\24E-0202 Pro-Pine Sawmill - Taromeo\3 Drafting\Acad\24E-0202_S-A001.dwg

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



SITE LAYOUT PLAN

Scale 1:700 (A1)

LEGEND:

- Existing Property Boundary
- Existing Stormwater
- Existing Electrical (Aboveground)
- Stormwater Invert
- Design Minor Contours
- 609.00 Design Major Contours
- Unknown Underground Pipe

SCALE BARS

0 7 14 21 28m

1:700(A1) 1:1400(A3)

ISSUE	DESCRIPTION	DATE	DWN	DES	CHK	APP
D	FOR COORDINATION - REVISED AS CLOUDED	11.09.25	EW	EW	AJN	AJN
C	FOR COORDINATION - ADDRESS UPDATED	02.08.24	EW	EW	AJN	EW
B	FOR COORDINATION - REVISED AS CLOUDED	02.08.24	EW	EW	AJN	EW
A	FOR COORDINATION	26.07.24	EW	EW	AJN	EW

R.P.E.Q.

THIS DOCUMENT IS UNCONTROLLED AND IS NOT TO BE USED FOR CONSTRUCTION UNTIL THIS NOTE IS REMOVED AND A DIGITAL SIGNATURE PROVIDED IN ITS PLACE

RMA Engineers
www.rmaeng.com.au

CLIENT
PRO-PINE SAWMILL
256 OLD ESK ROAD
TAROMEO QLD 4314

PROJECT
AS CONSTRUCTED SITE PLAN
256 OLD ESK ROAD
TAROMEO QLD 4314

TITLE
SITE LAYOUT PLAN

ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT NOTES ON DRAWING G0102

VERIFY ALL ON SITE DIMENSIONS AND LEVELS PRIOR TO CONSTRUCTION. NOTIFY RMA IMMEDIATELY OF ANY DISCREPANCIES

COPYRIGHT RMA ENGINEERS PTY LTD ©

HEIGHT DATUM	MAP GRID	SIZE
----	----	A1

COUNCIL RAL/MCU NO.

COUNCIL OW NO.

PROJECT NO.	DRAWING NO.	ISSUE
24E-0202	A001.01	D

Document Set ID: 3467234
Version 2, Version Date: 28/05/2026

Appendix C Ecological Database Searches

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

resources.QLD.GOV.AU



Vegetation management report

For Lot: 228 Plan: SP136942
2/3/2025

Queensland Government

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

This publication has been compiled by Operations Support, Department of Resources.

© State of Queensland, (2025)

The Queensland Government supports and encourages the dissemination and exchange of its information. The copyright in this publication is licensed under a Creative Commons - Attribution 4.0 International (CC BY) licence.

Under this licence you are free, without having to seek our permission, to use this publication in accordance with the licence terms.



You must keep intact the copyright notice and attribute the State of Queensland as the source of the publication.

Note: Some content in this publication may have different licence terms as indicated.

For more information on this licence, visit https://creativecommons.org/licenses/by/4.0/

The information contained herein is subject to change without notice. The Queensland Government shall not be liable for technical or other errors or omissions contained herein. The reader/user accepts all risks and responsibility for losses, damages, costs and other consequences resulting directly or indirectly from using this information.

Recent changes

Updated mapping

Updated vegetation mapping was released on 22 November 2023 and includes the most recent Queensland Herbarium scientific updates to the Regulated Vegetation Management Map, regional ecosystems, essential habitat, wetland and high-value regrowth mapping.

The Department of Environment, Science and Innovation have also updated their koala protection mapping to align with the Queensland Herbarium scientific updates.

The latest version (v10) of the Protected Plants Flora Survey Trigger Map (trigger map) was released on 6 September 2023.

Overview

Based on the lot on plan details you have supplied, this report provides the following detailed information:
Property details - information about the specified Lot on Plan, lot size, local government area, bioregion(s), subregion(s) and catchment(s);

Vegetation management framework - an explanation of the application of the framework and contact details for the Department of Resources who administer the framework;

Vegetation management framework details for the specified Lot on Plan including:

- the vegetation management categories on the property;
- the vegetation management regional ecosystems on the property;
- vegetation management watercourses or drainage features on the property;
- vegetation management wetlands on the property;
- vegetation management essential habitat on the property;
- whether any area management plans are associated with the property;
- whether the property is coastal or non-coastal; and
- whether the property is mapped as Agricultural Land Class A or B;

Protected plant framework - an explanation of the application of the framework and contact details for the Department of Environment, Science and Innovation who administer the framework, including:

- high risk areas on the protected plant flora survey trigger map for the property;

Koala protection framework - an explanation of the application of the framework and contact details for the Department of Environment, Science and Innovation who administer the framework; and

Koala protection framework details for the specified Lot on Plan including:

- the koala district the property is located in;
- koala priority areas on the property;
- core and locally refined koala habitat areas on the property;
- whether the lot is located in an identified koala broad-hectare area; and
- koala habitat regional ecosystems on the property for core koala habitat areas.

This information will assist you to determine your options for managing vegetation under:
- the vegetation management framework, which may include:

- exempt clearing work;
- accepted development vegetation clearing code;
- an area management plan;
- a development approval;

- the protected plant framework, which may include:

- the need to undertake a flora survey;
- exempt clearing;
- a protected plant clearing permit;

- the koala protection framework, which may include:

- exempted development;
- a development approval;
- the need to undertake clearing sequentially and in the presence of a koala spotter.

Other laws

The clearing of native vegetation is regulated by both Queensland and Australian legislation, and some local governments also regulate native vegetation clearing. You may need to obtain an approval or permit under another Act, such as the Commonwealth Government's *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). Section 8 of this guide provides contact details of other agencies you should confirm requirements with, before commencing vegetation clearing.

Table of Contents

1. Property details 6
1.1 Tenure and title area 6
1.2 Property location 6
2. Vegetation management framework (administered by the Department of Resources) 7
2.1 Exempt clearing work 7
2.2 Accepted development vegetation clearing codes 7
2.3 Area management plans 8
2.4 Development approvals 8
2.5. Contact information for the Department of Resources 8
3. Vegetation management framework for Lot: 228 Plan: SP136942 9
3.1 Vegetation categories 9
3.2 Regional ecosystems 10
3.3 Watercourses 10
3.4 Wetlands 10
3.5 Essential habitat 10
3.6 Area Management Plan(s) 11
3.7 Coastal or non-coastal 11
3.8 Agricultural Land Class A or B 11
4. Vegetation management framework maps 12
4.1 Regulated vegetation management map 13
4.2 Vegetation management supporting map 14
4.3 Coastal/non-coastal map 15
4.4 Agricultural Land Class A or B as per State Planning Policy: State Interest for Agriculture 16
5. Protected plants framework (administered by the Department of Environment, Science and Innovation (DESI)) 17
5.1 Clearing in high risk areas on the flora survey trigger map 17
5.2 Clearing outside high risk areas on the flora survey trigger map 17
5.3 Exemptions 17
5.4 Contact information for DESI 17
5.5 Protected plants flora survey trigger map 18
6. Koala protection framework (administered by the Department of Environment, Science and Innovation (DESI)) 20
6.1 Koala mapping 20
6.2 Koala habitat planning controls 21
6.3 Koala Conservation Plan clearing requirements 22
6.4 Contact information for DESI 22
7. Koala protection framework details for Lot: 228 Plan: SP136942 23
7.1 Koala districts 23
7.2 Koala priority area, koala habitat area and identified koala broad-hectare map 23
7.3 Koala habitat regional ecosystems for core koala habitat areas 24
8. Other relevant legislation contacts list 25

1. Property details

1.1 Tenure and title area

All of the lot, plan, tenure and title area information associated with property Lot: 228 Plan: SP136942 are listed in Table 1.

Table 1: Lot, plan, tenure and title area information for the property

Lot	Plan	Tenure	Property title area (sq metres)
P	AP4871	Easement	55,100
228	SP136942	Freehold	643,000
A	RP54756	Easement	8,660
B	SP136942	Easement	4,882
C	SP221356	Easement	92
D	SP336664	Easement	211

The tenure of the land may affect whether clearing is considered exempt clearing work or may be carried out under an accepted development vegetation clearing code.

Does the property Lot: 228 Plan: SP136942 have a freehold tenure and is in the Wet Tropics of Queensland World Heritage Area?

No, this property is not located in the Wet Tropics of Queensland World Heritage Area.

1.2 Property location

Table 2 provides a summary of the locations for property Lot: 228 Plan: SP136942, in relation to natural and administrative boundaries.

Table 2: Property location details

Local Government(s)	Catchment(s)	Bioregion(s)	Subregion(s)
South Burnett Regional	Brisbane	Southeast Queensland	South Burnett

2. Vegetation management framework (administered by the Department of Resources)

The *Vegetation Management Act 1999* (VMA), the Vegetation Management Regulation 2023, the *Planning Act 2016* and the Planning Regulation 2017, in conjunction with associated policies and codes, form the Vegetation Management Framework.

The VMA does not apply to all land tenures or vegetation types. State forests, national parks, forest reserves and some tenures under the *Forestry Act 1959* and *Nature Conservation Act 1992* are not regulated by the VMA. Managing or clearing vegetation on these tenures may require approvals under these laws.

The following native vegetation is not regulated under the VMA but may require permit(s) under other laws:

- grass or non-woody herbage;
- a plant within a grassland regional ecosystem identified in the Vegetation Management Regional Ecosystem Description Database (VM REDD) as having a grassland structure; and
- a mangrove.

2.1 Exempt clearing work

Exempt clearing work is an activity for which you do not need to notify the Department of Resources or obtain an approval under the vegetation management framework. Exempt clearing work was previously known as exemptions.

In areas that are mapped as Category X (white in colour) on the regulated vegetation management map (see section 4.1), and where the land tenure is freehold, indigenous land and leasehold land for agriculture and grazing purposes, the clearing of vegetation is considered exempt clearing work and does not require notification or development approval under the vegetation management framework. For all other land tenures, contact the Department of Resources before commencing clearing to ensure that the proposed activity is exempt clearing work.

A range of routine property management activities are considered exempt clearing work. A list of exempt clearing work is available at

https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/exemptions/.

Exempt clearing work may be affected if the proposed clearing area is subject to development approval conditions, a covenant, an environmental offset, an exchange area, a restoration notice, or an area mapped as Category A. Exempt clearing work may require approval under other Commonwealth, State or Local Government laws, or local government planning schemes. Contact the Department of Resources prior to clearing in any of these areas.

2.2 Accepted development vegetation clearing codes

Some clearing activities can be undertaken under an accepted development vegetation clearing code. The codes can be downloaded at

https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/codes/

If you intend to clear vegetation under an accepted development vegetation clearing code, you must notify the Department of Resources before commencing. The information in this report will assist you to complete the online notification form.

You can complete the online form at
https://vegetation-apps.dnrm.qld.gov.au

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

2.3 Area management plans

Area Management Plans (AMP) provide an alternative approval system for vegetation clearing under the vegetation management framework. They list the purposes and clearing conditions that have been approved for the areas covered by the plan. It is not necessary to use an AMP, even when an AMP applies to your property.

On 8 March 2020, AMPs ended for fodder harvesting, managing thickened vegetation and managing encroachment. New notifications cannot be made for these AMPs. You will need to consider options for fodder harvesting, managing thickened vegetation or encroachment under a relevant accepted development vegetation clearing code or apply for a development approval.

New notifications can be made for all other AMPs. These will continue to apply until their nominated end date.

If an Area Management Plan applies to your property for which you can make a new notification, it will be listed in Section 3.6 of this report. Before clearing under one of these AMPs, you must first notify the Department of Resources and then follow the conditions and requirements listed in the AMP.

https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/area-management-plans

2.4 Development approvals

If under the vegetation management framework your proposed clearing is not exempt clearing work, or is not permitted under an accepted development vegetation clearing code, or an AMP, you may be able to apply for a development approval. Information on how to apply for a development approval is available at

https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/development

2.5. Contact information for the Department of Resources

For further information on the vegetation management framework:

Phone 135VEG (135 834)

Email vegetation@resources.qld.gov.au

Visit https://www.resources.qld.gov.au/?contact=vegetation to submit an online enquiry.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

3. Vegetation management framework for Lot: 228 Plan: SP136942

3.1 Vegetation categories

The vegetation categories on your property are shown on the regulated vegetation management map in section 4.1 of this report. A summary of vegetation categories on the subject lot are listed in Table 3. Descriptions for these categories are shown in Table 4.

Table 3: Vegetation categories for subject property

Vegetation category	Area (ha)
Category B	41.21
Category X	23.13

Table 4: Description of vegetation categories

Category	Colour on Map	Description	Requirements / options under the vegetation management framework
A	red	Compliance areas, environmental offset areas and voluntary declaration areas	Special conditions apply to Category A areas. Before clearing, contact the Department of Resources to confirm any requirements in a Category A area.
B	dark blue	Remnant vegetation areas	Exempt clearing work, or notification and compliance with accepted development vegetation clearing codes, area management plans or development approval.
C	light blue	High-value regrowth areas	Exempt clearing work, or notification and compliance with managing Category C regrowth vegetation accepted development vegetation clearing code.
R	yellow	Regrowth within 50m of a watercourse or drainage feature in the Great Barrier Reef catchment areas	Exempt clearing work, or notification and compliance with managing Category R regrowth accepted development vegetation clearing code or area management plans.
X	white	Clearing on freehold land, indigenous land and leasehold land for agriculture and grazing purposes is considered exempt clearing work under the vegetation management framework. Contact the Department of Resources to clarify whether a development approval is required for other State land tenures.	No permit or notification required on freehold land, indigenous land and leasehold land for agriculture and grazing. A development approval may be required for some State land tenures.

Property Map of Assessable Vegetation (PMAV)

There is no Property Map of Assessable Vegetation (PMAV) present on this property.

3.2 Regional ecosystems

The endangered, of concern and least concern regional ecosystems on your property are shown on the vegetation management supporting map in section 4.2 and are listed in Table 5.

A description of regional ecosystems can be accessed online at
https://www.qld.gov.au/environment/plants-animals/plants/ecosystems/descriptions/

Table 5: Regional ecosystems present on subject property

Regional Ecosystem	VMA Status	Category	Area (Ha)	Short Description	Structure Category
12.12.2	Least concern	B	37.64	Eucalyptus pilularis tall open forest on Mesozoic to Proterozoic igneous rocks especially granite	Mid-dense
12.5.13	Endangered	B	3.58	Microphyll to notophyll vine forest +/- Araucaria cunninghamii on remnant Tertiary surfaces	Dense
non-rem	None	X	23.13	None	None

Please note:
1. All area and area derived figures included in this table have been calculated via reprojecting relevant spatial features to Albers equal-area conic projection (central meridian = 146, datum Geocentric Datum of Australia 1994). As a result, area figures may differ slightly if calculated for the same features using a different co-ordinate system.
2. If Table 5 contains a Category 'plant', please be aware that this refers to 'plantations' such as forestry, and these areas are considered non-remnant under the VMA.

The VMA status of the regional ecosystem (whether it is endangered, of concern or least concern) also determines if any of the following are applicable:

- exempt clearing work;
- accepted development vegetation clearing codes;
- performance outcomes in State Code 16 of the State Development Assessment Provisions (SDAP).

3.3 Watercourses

Vegetation management watercourses and drainage features for this property are shown on the vegetation management supporting map in section 4.2.

3.4 Wetlands

There are no vegetation management wetlands present on this property.

3.5 Essential habitat

Under the VMA, essential habitat for protected wildlife is native wildlife prescribed under the *Nature Conservation Act 1992* (NCA) as critically endangered, endangered, vulnerable or near-threatened wildlife.

Essential habitat for protected wildlife includes suitable habitat on the lot, or where a species has been known to occur up to 1.1 kilometres from a lot on which there is assessable vegetation. These important habitat areas are protected under the VMA.

Any essential habitat on this property will be shown as blue hatching on the vegetation supporting map in section 4.2.

If essential habitat is identified on the lot, information about the protected wildlife species is provided in Table 6 below. The numeric labels on the vegetation management supporting map can be cross referenced with Table 6 to outline the essential habitat factors for that particular species. There may be essential habitat for more than one species on each lot, and areas of Category A, Category B and Category C can be mapped as Essential Habitat.

Essential habitat is compiled from a combination of species habitat models and buffered species records. Regional ecosystem is a mandatory essential habitat factor, unless otherwise stated. Essential habitat, for protected wildlife, means an area of vegetation shown on the Regulated Vegetation Management Map -

1) that has at least 3 essential habitat factors for the protected wildlife that must include any essential habitat factors that are stated as mandatory for the protected wildlife in the essential habitat database. Essential habitat factors are comprised of - regional ecosystem (mandatory for most species), vegetation community, altitude, soils, position in landscape; or
2) in which the protected wildlife, at any stage of its life cycle, is located.

If there is no essential habitat mapping shown on the vegetation management supporting map for this lot, and there is no table in the sections below, it confirms that there is no essential habitat on the lot.

Category A and/or Category B and/or Category C

Table 6: Essential habitat in Category A and/or Category B and/or Category C

Label	Scientific Name	Common Name	NCA Status	Vegetation Community	Altitude	Soils	Position in Landscape
2455	Petauroides armillatus	central greater glider	E	Tall mature open wet and dry eucalypt forest (Eucalyptus &/or Corymbia spp.) to low open eucalypt woodland; presence of hollow-bearing trees.	Sea level to 1300m.	Usually on soils of relatively high fertility.	

Label	Regional Ecosystem (mandatory unless otherwise specified)
2455	2.10.2, 2.10.3, 2.5.24, 7.3.19, 7.3.26, 7.3.39, 7.3.40, 7.3.42, 7.3.43, 7.5.2, 7.5.4, 7.8.7, 7.8.8, 7.8.10, 7.8.15, 7.8.16, 7.8.17, 7.8.18, 7.8.19, 7.11.35, 7.12.21, 7.12.22, 7.12.24, 7.12.27, 7.12.29, 7.12.30, 7.12.34, 7.12.35, 7.12.51, 7.12.52, 7.12.53, 7.12.61, 7.12.63, 8.3.2, 8.3.5, 8.3.6, 8.3.8, 8.11.3, 8.11.8, 8.12.4, 8.12.5, 8.12.6, 8.12.7, 8.12.8, 8.12.9, 8.12.12, 8.12.20, 8.12.23, 8.12.31, 8.12.32, 9.3.1, 9.3.3, 9.3.8, 9.3.15, 9.3.16, 9.5.5, 9.7.3, 9.8.1, 9.8.4, 9.8.9, 9.11.2, 9.11.4, 9.11.10, 9.11.14, 9.11.16, 9.12.1, 9.12.2, 9.12.17, 9.12.18, 9.12.19, 9.12.20, 9.12.22, 9.12.23, 9.12.26, 10.3.13, 11.3.3, 11.3.4, 11.3.7, 11.3.9, 11.3.14, 11.3.23, 11.3.25, 11.3.26, 11.3.27, 11.3.29, 11.3.35, 11.3.36, 11.3.38, 11.3.39, 11.4.8, 11.4.13, 11.5.1, 11.5.2, 11.5.3, 11.5.8, 11.5.9, 11.5.12, 11.5.20, 11.5.21, 11.7.4, 11.7.6, 11.7.7, 11.8.1, 11.8.2, 11.8.4, 11.8.5, 11.8.8, 11.9.2, 11.9.9, 11.9.13, 11.10.1, 11.10.2, 11.10.4, 11.10.5, 11.10.7, 11.10.13, 11.11.1, 11.11.3, 11.11.4, 11.11.7, 11.11.10, 11.11.15, 11.12.1, 11.12.2, 11.12.3, 11.12.6, 11.12.13, 12.3.2, 12.3.3, 12.3.6, 12.3.7, 12.3.9, 12.3.11, 12.3.14 ,12.3.15 ,12.5.1 ,12.5.2, 12.5.3, 12.5.4, 12.5.6, 12.5.7, 12.5.11, 12.5.12, 12.8.1, 12.8.8, 12.8.10, 12.8.11, 12.8.14, 12.8.16, 12.8.20, 12.8.24, 12.8.25, 12.9-10.1, 12.9-10.2, 12.9-10.3, 12.9-10.4, 12.9-10.5, 12.9-10.7, 12.9-10.11, 12.9-10.12, 12.9-10.14, 12.9-10.17, 12.9-10.18, 12.9-10.19, 12.9-10.20, 12.9-10.21, 12.9-10.23, 12.9-10.24, 12.9-10.26, 12.9-10.27, 12.11.2, 12.11.3, 12.11.5, 12.11.6, 12.11.7, 12.11.9, 12.11.14, 12.11.15, 12.11.16, 12.11.17, 12.11.18, 12.11.19, 12.11.22, 12.11.23, 12.11.24, 12.11.25, 12.11.26, 12.11.27, 12.12.2, 12.12.3, 12.12.4, 12.12.5, 12.12.6, 12.12.7, 12.12.11, 12.12.12, 12.12.14, 12.12.15, 12.12.20, 12.12.22, 12.12.23, 12.12.24, 12.12.25, 12.12.27, 12.12.28, 13.11.3, 13.11.5, 13.11.6, 13.11.8, 13.12.1, 13.12.2

3.6 Area Management Plan(s)

Nil

3.7 Coastal or non-coastal

For the purposes of the accepted development vegetation clearing codes and State Code 16 of the State Development Assessment Provisions (SDAP), this property is regarded as*

Coastal

*See also Map 4.3

3.8 Agricultural Land Class A or B

The following can be used to identify Agricultural Land Class A or B areas under the "Managing regulated regrowth vegetation" accepted development vegetation clearing code:

Does this lot contain land that is mapped as Agricultural Land Class A or B in the State Planning Interactive Mapping System?
Class A (with urban areas masked as per SPP): 63.84 ha

Class B (with urban areas masked as per SPP): 0.5 ha

Note - This confirms Agricultural Land Classes as per the State Planning Interactive Mapping System only. This response does not include Agricultural Land Classes identified under local government planning schemes. For further information, check the Planning Scheme for your local government area.

See Map 4.4 to identify the location and extent of Class A and/or Class B Agricultural land on Lot: 228 Plan: SP136942.

4. Vegetation management framework maps

Vegetation management maps included in this report may also be requested individually at:
https://www.resources.qld.gov.au/qld/environment/land/vegetation/vegetation-map-request-form

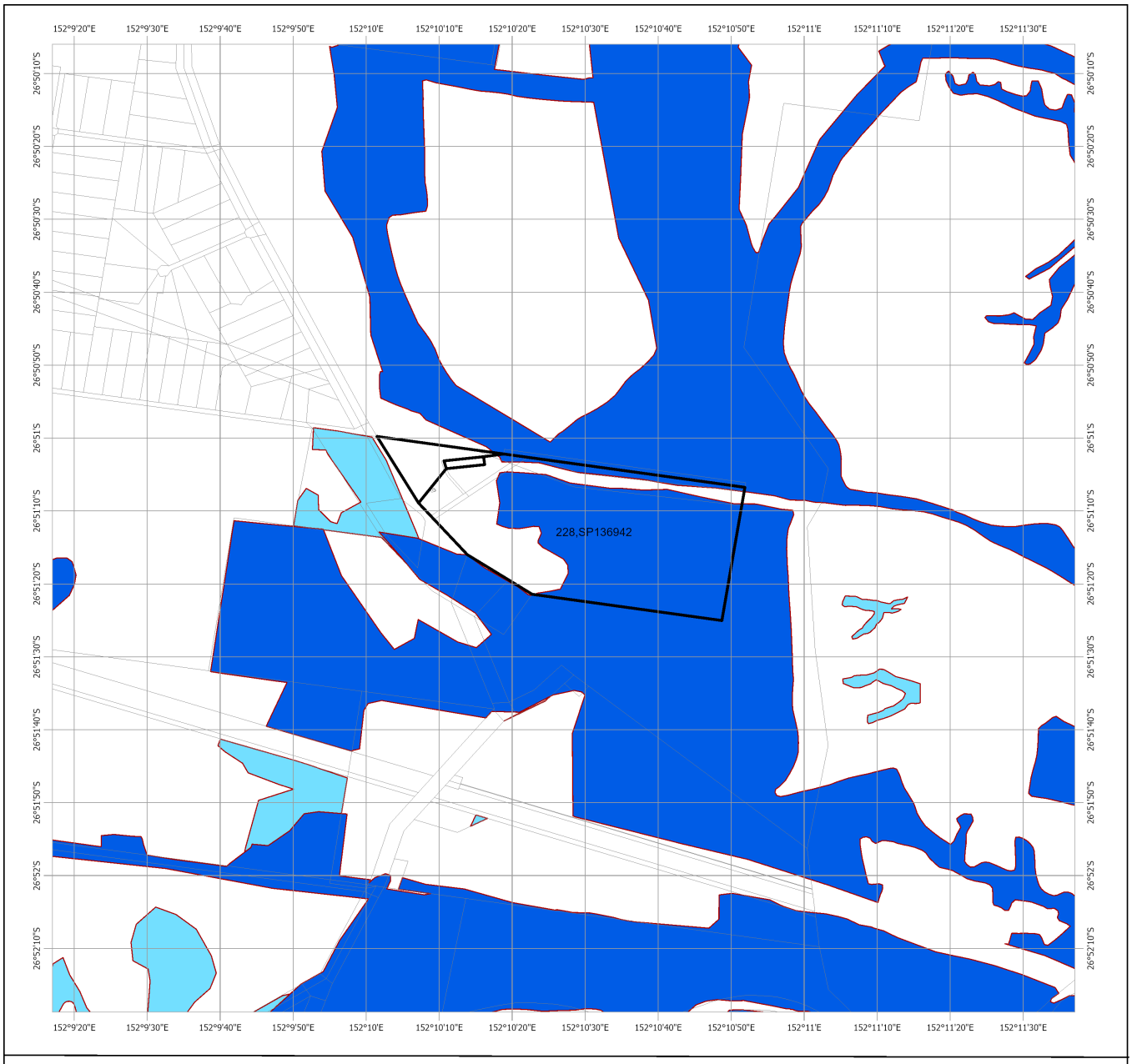
Regulated vegetation management map
The regulated vegetation management map shows vegetation categories needed to determine clearing requirements. These maps are updated monthly to show new property maps of assessable vegetation (PMAV).

Vegetation management supporting map
The vegetation management supporting map provides information on regional ecosystems, wetlands, watercourses and essential habitat.

Coastal/non-coastal map
The coastal/non-coastal map confirms whether the lot, or which parts of the lot, are considered coastal or non-coastal for the purposes of the accepted development vegetation clearing codes and State Code 16 of the State Development Assessment Provisions (SDAP).

Agricultural Land Class A or B as per State Planning Policy: State Interest for Agriculture
The Agricultural Land Class map confirms the location and extent of land mapped as Agricultural Land Classes A or B as identified on the State Planning Interactive Mapping System. Please note that this map does not include areas identified as Agricultural Land Class A or B in local government planning schemes. This map can be used to identify Agricultural Land Class A or B areas under the "Managing regulated regrowth vegetation" accepted development vegetation clearing code.

4.1 Regulated vegetation management map



Regulated Vegetation Management Map

- Category A area (Vegetation offsets/compliance notices/VDecs)
- Category B area (Remnant vegetation)
- Category C area (High-value regrowth vegetation)
- Category R area (Reef regrowth watercourse vegetation)
- Category X area (Exempt clearing work on Freehold, Indigenous and Leasehold land)
- Water
- Other land parcel boundaries
- Selected Lot and Plan

LOCALITY DIAGRAM



N

0 230 460 690 920 1,150 m

This product is displayed in:
GDA2020

Disclaimer:
While every care is taken to ensure the accuracy of this product, the Department of Resources makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the product being inaccurate or incomplete in any way and for any reason.

Additional information required for the assessment of vegetation values is provided in the accompanying "Vegetation Management Supporting map". For further information go to the web site: www.resources.qld.gov.au or contact the Department of Resources.

Digital data for the regulated vegetation management map is available from the Queensland Spatial Portal at http://www.information.qld.gov.au/

Land parcel boundaries are provided as locational aid only.

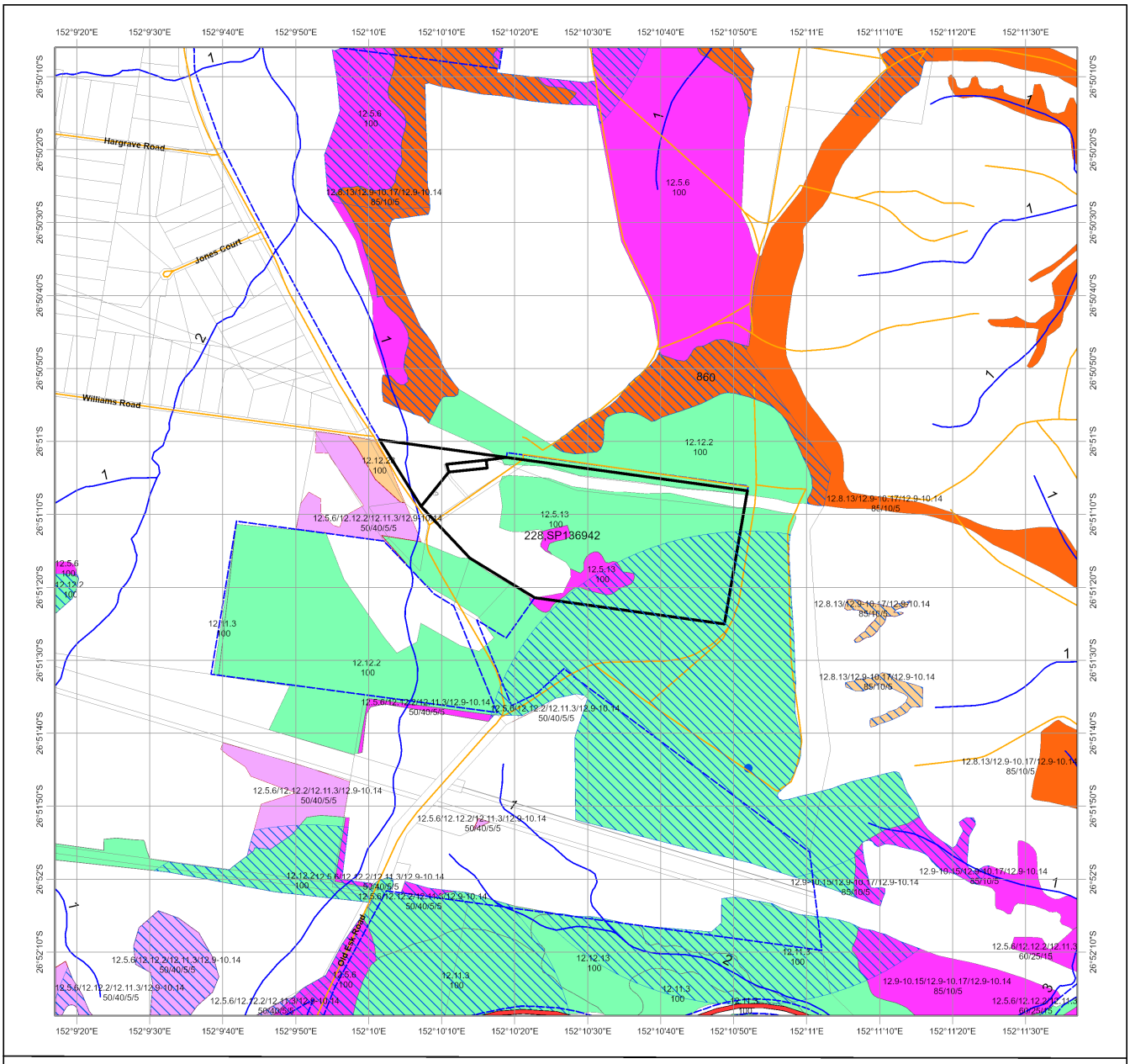
This map is updated on a monthly basis to ensure new PMAVs are included as they are approved.

Queensland Government

© The State of Queensland (Department of Resources), 2025

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

4.2 Vegetation management supporting map

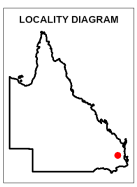


Vegetation Management Supporting Map

- Category A or B area containing endangered regional ecosystems
- Category A or B area containing of concern regional ecosystems
- Category A or B area that is a least concern regional ecosystem
- Category C or R area containing endangered regional ecosystems
- Category C or R area containing of concern regional ecosystems
- Category C or R area that is a least concern regional ecosystem
- Category X area
- Water
- Wetland on the vegetation management wetlands map
- Essential habitat on the essential habitat map
- Essential habitat species record
- Watercourses and drainage features on the vegetation management watercourse and drainage features map (Stream order shown as black number against stream where available)
- Highway
- Connector
- Street/Local Road
- National Parks, State Forest and other reserves
- Other land parcel boundaries
- Selected Lot and Plan

Queensland Government

LOCALITY DIAGRAM



N

0 170 340 510 680 850 m

This product is displayed in: GDA2020

Labels for Essential Habitat are centred on the area of enquiry.

Regional ecosystem linework has been compiled at a scale of 1:100 000, except in designated areas where a compilation scale of 1:50 000 is available. Linework should be used as a guide only. The positional accuracy of RE data mapped at a scale of 1:100 000 is +/- 100 metres.

Disclaimer:
While every care is taken to ensure the accuracy of this product, the Department of Resources makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the product being inaccurate or incomplete in any way and for any reason.

Additional information may be required for the purposes of land clearing or assessment of a regional ecosystem map or PMAV applications. For further information go to the web site: www.resources.qld.gov.au or contact the Department of Resources.

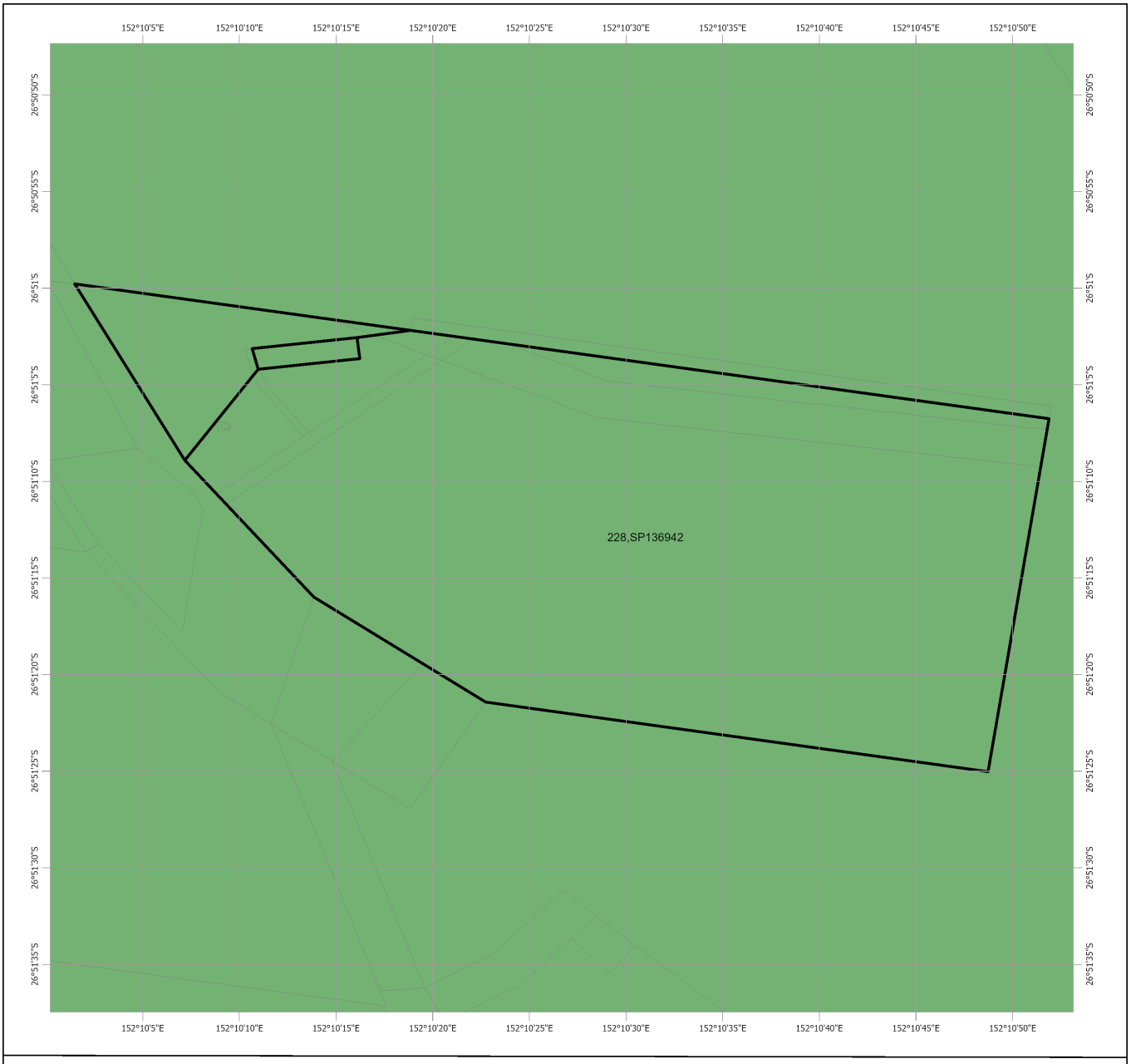
Digital data for the vegetation management watercourse and drainage feature map, vegetation management wetlands map, essential habitat map and the vegetation management remnant and regional ecosystem map are available from the Queensland Spatial Portal at http://www.information.qld.gov.au/

Land parcel boundaries are provided as locational aid only.

© The State of Queensland (Department of Resources), 2025

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

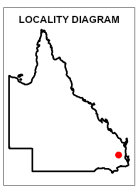
4.3 Coastal/non-coastal map



Coastal/Non Coastal Map

Coastal
Non Coastal
Other land parcel boundaries
Selected Lot and Plan

LOCALITY DIAGRAM



N

0 90 180 270 360 450 m

This product is displayed in:
GDA2020

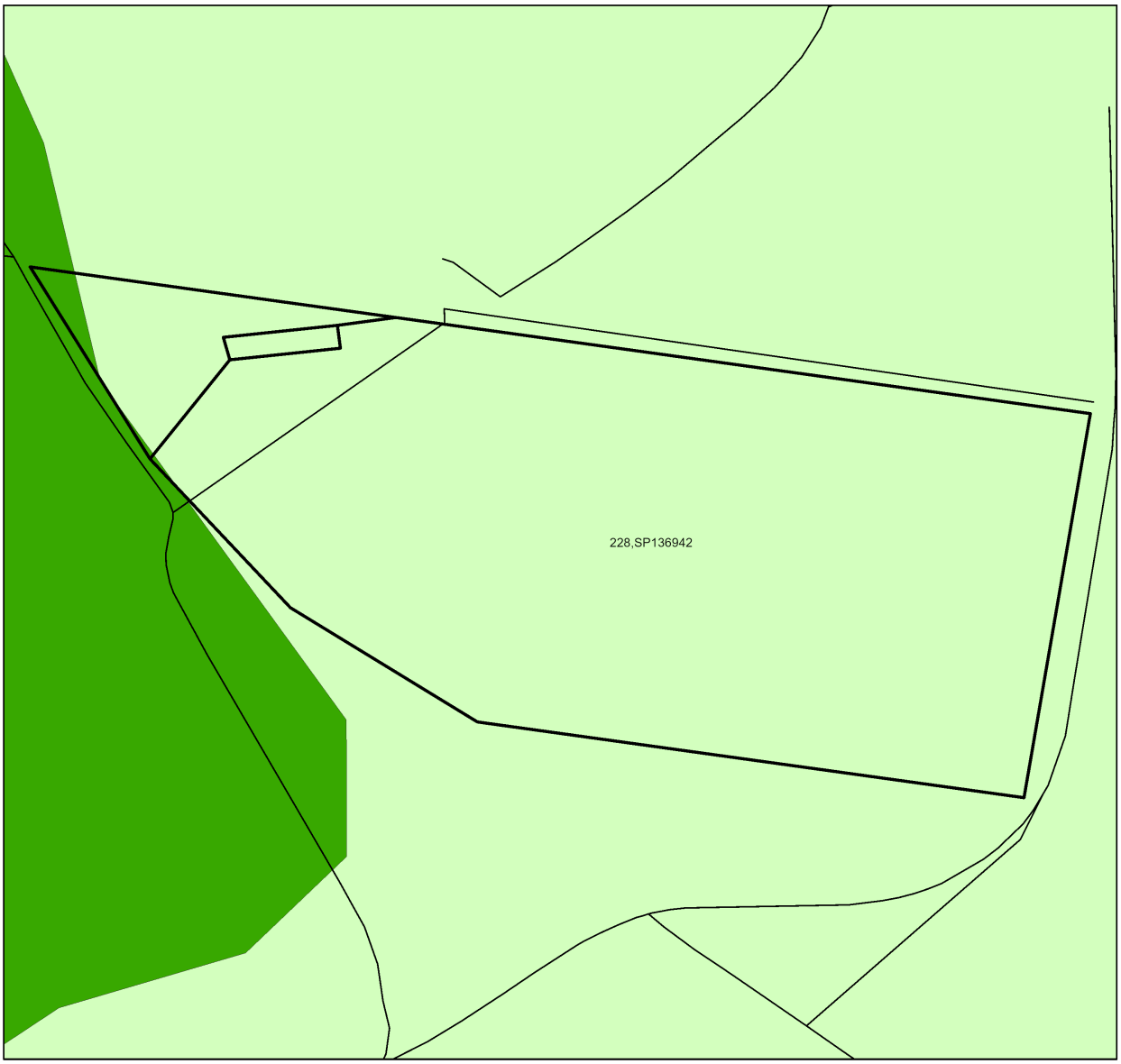
Disclaimer:
While every care is taken to ensure the accuracy of this product, the Department of Resources makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the product being inaccurate or incomplete in any way and for any reason.

Land parcel boundaries shown are provided as a locational aid only.

© The State of Queensland (Department of Resources), 2025

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

4.4 Agricultural Land Class A or B as per State Planning Policy: State Interest for Agriculture



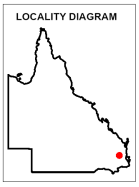
Agricultural Land Class A or B
as per State Planning Policy: State Interest for Agriculture

- Towns
- Rivers and creeks
- Freeways / motorways; Highways
- Secondary roads; Streets

Agricultural land class A or B

- A
- B
- Not class A or B
- Selected Lot and Plan

LOCALITY DIAGRAM



N

0 90 180 270 360 450 m

This product is displayed in GDA2020

Disclaimer
Whilst every care is taken to ensure the accuracy of these details all data custodians and/or the State of Queensland makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses damages (including indirect or consequential damage) and costs to which you might incur as a result of the data being inaccurate or incomplete in any way and for any reason.

© The State of Queensland, 2025

5. Protected plants framework (administered by the Department of Environment, Science and Innovation (DESI))

In Queensland, all plants that are native to Australia are protected plants under the *Nature Conservation Act 1992* (NCA). The NCA regulates the clearing of protected plants 'in the wild' (see Operational policy: When a protected plant in Queensland is considered to be 'in the wild') that are listed as critically endangered, endangered, vulnerable or near threatened under the Act.

Please note that the protected plant clearing framework applies irrespective of the classification of the vegetation under the *Vegetation Management Act 1999* and any approval or exemptions given under another Act, for example, the *Vegetation Management Act 1999* or *Planning Regulation 2017*.

5.1 Clearing in high risk areas on the flora survey trigger map

The flora survey trigger map identifies high-risk areas for threatened and near threatened plants. These are areas where threatened or near threatened plants are known to exist or are likely to exist based on the habitat present. The flora survey trigger map for this property is provided in section 5.5.

If you are proposing to clear an area shown as high risk on the flora survey trigger map, a flora survey of the clearing impact area must be undertaken by a suitably qualified person in accordance with the Flora survey guidelines. The main objective of a flora survey is to locate any threatened or near threatened plants that may be present in the clearing impact area.

If the flora survey identifies that threatened or near threatened plants are not present within the clearing impact area or clearing within 100m of EVNT plants can be avoided, the clearing activity is exempt from a permit. An exempt clearing notification form must be submitted to the Department of Environment, Science and Innovation, with a copy of the flora survey report, at least one week prior to clearing.

If the flora survey identifies that threatened or near threatened plants are present in, or within 100m of, the area to be cleared, a clearing permit is required before any clearing is undertaken. The flora survey report, as well as an impact management report, must be submitted with the clearing permit application form.

5.2 Clearing outside high risk areas on the flora survey trigger map

In an area other than a high risk area, a clearing permit is only required where a person is, or becomes aware that threatened or near threatened plantsare present in, or within 100m of, the area to be cleared. You must keep a copy of the flora survey trigger map for the area subject to clearing for five years from the day the clearing starts. If you do not clear within the 12 month period that the flora survey trigger map was printed, you need to print and check a new flora survey trigger map.

5.3 Exemptions

Many activities are 'exempt' under the protected plant clearing framework, which means that clearing of native plants that are in the wild can be undertaken for these activities with no need for a flora survey or a protected plant clearing permit. The Information sheet - General exemptions for the take of protected plants provides some of these exemptions.

Some exemptions under the NCA are the same as exempt clearing work (formerly known as exemptions) under the *Vegetation Management Act 1999* (i.e. listed in Schedule 21 of the Planning Regulations 2017) while some are different.

5.4 Contact information for DESI

For further information on the protected plants framework:
Phone 1300 130 372 (and select option four)
Email palm@des.qld.gov.au
Visit https://www.qld.gov.au/environment/plants-animals/plants/protected-plants

5.5 Protected plants flora survey trigger map

This map included may also be requested individually at: https://apps.des.qld.gov.au/map-request/flora-survey-trigger/.

Updates to the data informing the flora survey trigger map

The flora survey trigger map will be reviewed, and updated if necessary, at least every 12 months to ensure the map reflects the most up-to-date and accurate data available.

Species information

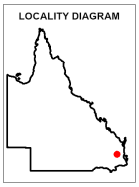
Please note that flora survey trigger maps do not identify species associated with 'high risk areas'. While some species information may be publicly available, for example via the Queensland Spatial Catalogue, the Department of Environment, Science and Innovation does not provide species information on request. Regardless of whether species information is available for a particular high risk area, clearing plants in a high risk area may require a flora survey and/or clearing permit. Please see the Department of Environment, Science and Innovation webpage on the clearing of protected plants for more information.



Protected Plants Flora Survey Trigger Map

High risk area
Other land parcel boundaries
Freeways / motorways / highways
Secondary roads / streets
Selected Lot and Plan

LOCALITY DIAGRAM



N

0 62 124 186 248 310 m

This product is displayed in:
GDA2020

This map shows areas where particular provisions of the Nature Conservation Act 1992 apply to the clearing of protected plants.

Land parcel boundaries are provided as locational aid only.

This map is produced at a scale relevant to the size of the area selected and should be printed as A4 size in portrait orientation.

For further information or assistance with interpretation of this product, please contact the Department of the Environment, Tourism, Science and Innovation at palm@des.qld.gov.au

Disclaimer: While every care is taken to ensure the accuracy of the data used to generate this product, the Queensland Government makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaim all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damages) and costs which might be incurred as a consequence of reliance on the data, or as a result of the data being inaccurate or incomplete in any way and for any reason.

© The State of Queensland (Department of the Environment, Tourism, Science and Innovation), 2025

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

6. Koala protection framework (administered by the Department of Environment, Science and Innovation (DESI))

The koala (*Phascolarctos cinereus*) is listed in Queensland as endangered by the Queensland Government under *Nature Conservation Act 1992* and by the Australian Government under the *Environment Protection and Biodiversity Conservation Act 1999*.

The Queensland Government's koala protection framework is comprised of the *Nature Conservation Act 1992*, the Nature Conservation (Animals) Regulation 2020, the Nature Conservation (Koala) Conservation Plan 2017, the *Planning Act 2016* and the Planning Regulation 2017.

6.1 Koala mapping

6.1.1 Koala districts

The parts of Queensland where koalas are known to occur has been divided into three koala districts - koala district A, koala district B and koala district C. Each koala district is made up of areas with comparable koala populations (e.g. density, extent and significance of threatening processes affecting the population) which require similar management regimes.

Section 7.1 identifies which koala district your property is located in.

6.1.2 Koala habitat areas

Koala habitat areas are areas of vegetation that have been determined to contain koala habitat that is essential for the conservation of a viable koala population in the wild based on the combination of habitat suitability and biophysical variables with known relationships to koala habitat (e.g. landcover, soil, terrain, climate and ground water). In order to protect this important koala habitat, clearing controls have been introduced into the Planning Regulation 2017 for development in koala habitat areas.

Please note that koala habitat areas only exist in koala district A which is the South East Queensland "Shaping SEQ" Regional Plan area. These areas include the local government areas of Brisbane, Gold Coast, Logan, Lockyer Valley, Ipswich, Moreton Bay, Noosa, Redland, Scenic Rim, Somerset, Sunshine Coast and Toowoomba (urban extent).

There are two different categories of koala habitat area (core koala habitat area and locally refined koala habitat), which have been determined using two different methodologies. These methodologies are described in the document Spatial modelling in South East Queensland.

Section 7.2 shows any koala habitat area that exists on your property.

Under the Nature Conservation (Koala) Conservation Plan 2017, an owner of land (or a person acting on the owner's behalf with written consent) can request to make, amend or revoke a koala habitat area determination if they believe, on reasonable grounds, that the existing determination for all or part of their property is incorrect.

More information on requests to make, amend or revoke a koala habitat area determination can be found in the document Guideline - Requests to make, amend or revoke a koala habitat area determination.

The koala habitat area map will be updated at least annually to include any koala habitat areas that have been made, amended or revoked.

Changes to the koala habitat area map which occur between annual updates because of a request to make, amend or revoke a koala habitat area determination can be viewed on the register of approved requests to make, amend or revoke a koala habitat area available at: https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping/koalamaps. The register includes the lot on plan for the change, the date the decision was made and the map issued to the landholder that shows areas determined to be koala habitat areas.

6.1.3 Koala priority areas

Koala priority areas are large, connected areas that have been determined to have the highest likelihood of achieving conservation outcomes for koalas based on the combination of habitat suitability, biophysical variables with known relationships to koala habitat (e.g. landcover, soil, terrain, climate and ground water) and a koala conservation cost benefit analysis.

Conservation efforts will be prioritised in these areas to ensure the conservation of viable koala populations in the wild including a focus on management (e.g. habitat protection, habitat restoration and threat mitigation) and monitoring. This includes a prohibition on clearing in koala habitat areas that are in koala priority areas under the Planning Regulation 2017 (subject to some exemptions).

Please note that koala priority areas only exist in koala district A which is the South East Queensland "Shaping SEQ" Regional Plan area. These areas include the local government areas of Brisbane, Gold Coast, Logan, Lockyer Valley, Ipswich, Moreton Bay, Noosa, Redland, Scenic Rim, Somerset, Sunshine Coast and Toowoomba (urban extent).

Section 7.2 identifies if your property is in a koala priority area.

6.1.4 Identified koala broad-hectare areas

There are seven identified koala broad-hectare areas in SEQ. These are areas of koala habitat that are located in areas committed to meet development targets in the SEQ Regional Plan to accommodate SEQ's growing population including bring-forward Greenfield sites under the Queensland Housing Affordability Strategy and declared master planned areas under the repealed *Sustainable Planning Act 2009* and the repealed *Integrated Planning Act 1997*.

Specific assessment benchmarks apply to development applications for development proposed in identified koala broad-hectare areas to ensure koala conservation measures are incorporated into the proposed development.

Section 7.2 identifies if your property is in an identified koala broad-hectare area.

6.2 Koala habitat planning controls

On 7 February 2020, the Queensland Government introduced new planning controls to the Planning Regulation 2017 to strengthen the protection of koala habitat in South East Queensland (i.e. koala district A).

More information on these planning controls can be found here:
https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping/legislation-policy.

As a high-level summary, the koala habitat planning controls make:

- development that involves interfering with koala habitat (defined below) in an area that is both a koala priority area and a koala habitat area, prohibited development (i.e. development for which a development application cannot be made);
- development that involves interfering with koala habitat (defined below) in an area that is a koala habitat area but is not a koala priority area, assessable development (i.e. development for which development approval is required); and
- development that is for extractive industries where the development involves interfering with koala habitat (defined below) in an area that is both a koala habitat area and a key resource area, assessable development (i.e. development for which development approval is required).

Interfering with koala habitat means:

1. Removing, cutting down, ringbarking, pushing over, poisoning or destroying in anyway, including by burning, flooding or draining native vegetation in a koala habitat area; but
2. Does not include destroying standing vegetation stock or lopping a tree.

However, these planning controls do not apply if the development is exempted development as defined in Schedule 24 of the Planning Regulation 2017. More information on exempted development can be found here:
https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping/legislation-policy.

There are also assessment benchmarks that apply to development applications for:

- building works, operational works, material change of use or reconfiguration of a lot where:

  - the local government planning scheme makes the development assessable;
  - the premises includes an area that is both a koala priority area and a koala habitat area; and
  - the development does not involve interfering with koala habitat (defined above); and

- development in identified koala broad-hectare areas.

The Guideline - Assessment Benchmarks in relation to Koala Habitat in South East Queensland assessment benchmarks outlines these assessment benchmarks, the intent of these assessment benchmarks and advice on how proposed development may meet these assessment benchmarks.

6.3 Koala Conservation Plan clearing requirements

Section 10 and 11 of the Nature Conservation (Koala) Conservation Plan 2017 prescribes requirements that must be met when clearing koala habitat in koala district A and koala district B.

These clearing requirements are independent to the koala habitat planning controls introduced into the Planning Regulation 2017, which means they must be complied with irrespective of any approvals or exemptions offered under other legislation.

Unlike the clearing controls prescribed in the Planning Regulation 2017 that are to protect koala habitat, the clearing requirements prescribed in the Nature Conservation (Koala) Conservation Plan 2017 are in place to prevent the injury or death of koalas when koala habitat is being cleared.

6.4 Contact information for DESI

For further information on the koala protection framework:
Phone 13 QGOV (13 74 68)
Email koala.assessment@des.qld.gov.au
Visit https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping

7. Koala protection framework details for Lot: 228 Plan: SP136942

7.1 Koala districts

Koala District B

7.2 Koala priority area, koala habitat area and identified koala broad-hectare map



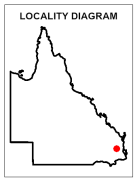
Koala priority area, koala habitat area and identified koala broad-hectare area map

- Koala habitat area (core)
- Koala habitat area (locally refined)
- Koala priority area
- Identified koala broad-hectare area
- Cadastral Boundaries
- Towns
- Major rivers/creeks
- Highway
- Connector
- Street/Local Road
- Queensland
- Selected Lot and Plan

The koala habitat mapping within South East Queensland uses regional ecosystem linework compiled at a scale varying from 1:25,000 to 1:100,000. Linework should be used as a guide only. The positional accuracy of regional ecosystem data mapped at a scale of 1:100,000 is +/- 100 metres.

© The State of Queensland, 2025

LOCALITY DIAGRAM



N

0 86 172 258 344 430 m

This product is displayed in GDA2020

Disclaimer:
While every care is taken to ensure the accuracy of this product, the Department of Environment, Science and Innovation acting on behalf of the State of Queensland makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the data being inaccurate or incomplete in any way and for any reason. Due to varying sources of data, spatial locations may not coincide when overlaid.

The koala conservation plan maps will be updated at least annually to include any koala habitat areas that have been made, amended or revoked.

In order to ensure that the most recent map for an area of interest can be accessed, prior to the annual update, a register of changes made to koala habitat areas as a result of the map amendment process will be available at: https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping/. The register will include lot on plan for the change, the date the decision was made and the map issued to the landholder which shows areas determined to be koala habitat areas.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

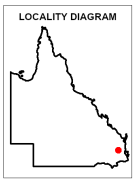
7.3 Koala habitat regional ecosystems for core koala habitat areas



Koala habitat regional ecosystems for core koala habitat areas

Koala habitat area (core)
Towns
Highway
Connector
Street/Local Road
Major rivers/creeks
Queensland
Selected Lot and Plan

LOCALITY DIAGRAM



N

0 86 172 258 344 430 m

This product is displayed in GDA2020

DISCLAIMER:

While every care is taken to ensure the accuracy of this product, the Department of Environment, Science and Innovation acting on behalf of the State of Queensland makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the data being inaccurate or incomplete in any way and for any reason.
Due to varying sources of data, spatial locations may not coincide when overlaid.

The koala habitat mapping within South East Queensland uses regional ecosystem linework compiled at a scale varying from 1:25,000 to 1:100,000. Linework should be used as a guide only. The positional accuracy of regional ecosystem data mapped at a scale of 1:100,000 is +/- 100 metres.

© The State of Queensland, 2025

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

8. Other relevant legislation contacts list

Activity	Legislation	Agency	Contact details
Interference with overland flow	*Water Act 2000*	Queensland Department of Regional Development, Manufacturing and Water	Ph: 13 QGOV (13 74 68) www.rdmw.qld.gov.au
Earthworks, significant disturbance	*Soil Conservation Act 1986*	Queensland Department of Resources	Ph: 13 QGOV (13 74 68) www.resources.qld.gov.au
Fire Permits	*Fire and Emergency Services Act 1990*	Queensland Fire Department	Ph: 13 QGOV (13 74 68) www.fire.qld.gov.au
Indigenous Cultural Heritage	*Aboriginal Cultural Heritage Act 2003* *Torres Strait Islander Cultural Heritage Act 2003*	Queensland Department of Treaty, Aboriginal and Torres Strait Islander Partnerships, Communites and the Arts	Ph: 13 QGOV (13 74 68) www.dsdsatsip.qld.gov.au
Mining and environmentally relevant activities Infrastructure development (coastal) Heritage issues	*Environmental Protection Act 1994* *Coastal Protection and Management Act 1995* *Queensland Heritage Act 1992*	Queensland Department of Environment, Science and Innovation	Ph: 13 QGOV (13 74 68) www.desi.qld.gov.au
Protected plants and protected areas	*Nature Conservation Act 1992* *Planning Act 2016*	Queensland Department of Environment, Science and Innovation	Ph: 1300 130 372 (option 4) palm@des.qld.gov.au www.desi.qld.gov.au
Koala mapping and regulations	*Nature Conservation Act 1992*	Queensland Department of Environment, Science and Innovation	Ph: 13 QGOV (13 74 68) Koala.assessment@des.qld.gov.au
Interference with fish passage in a watercourse, mangroves Forestry activities	*Fisheries Act 1994* *Forestry Act 1959*	Queensland Department of Agriculture and Fisheries	Ph: 13 QGOV (13 74 68) www.daf.qld.gov.au
Matters of National Environmental Significance including listed threatened species and ecological communities	*Environment Protection and Biodiversity Conservation Act 1999*	Department of Climate Change, Energy, the Environment and Water (Australian Government)	Ph: 1800 803 772 www.dcceew.gov.au
Development and planning processes	*Planning Act 2016* *State Development and Public Works Organisation Act 1971*	Queensland Department of Housing, Local Government, Planning and Public Works	Ph: 13 QGOV (13 74 68) www.planning.qld.gov.au
Coordinated projects	*Planning Act 2016* *State Development and Public Works Organisation Act 1971*	Office of the Coordinator-General	Ph: 13 QGOV (13 74 68) www.statedevelopment.qld.gov.au/coordinator-general
Wet Tropics World Heritage Area	*Wet Tropics World Heritage Protection and Management Act 1993*	Queensland Wet Tropics Management Authority	Ph: (07) 4241 0500 www.wettropics.gov.au
Requirements on State controlled road	*Transport Infrastructure Act 1994*	Queensland Department of Transport and Main Roads	Ph: 13 QGOV (13 74 68) https://www.tmr.qld.gov.au
Local government requirements	*Local Government Act 2009* *Planning Act 2016*	Your relevant local government office	

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

resources.QLD.GOV.AU



Vegetation management report

For Lot: 229 Plan: SP136942
2/3/2025

Queensland Government

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

This publication has been compiled by Operations Support, Department of Resources.

© State of Queensland, (2025)

The Queensland Government supports and encourages the dissemination and exchange of its information. The copyright in this publication is licensed under a Creative Commons - Attribution 4.0 International (CC BY) licence.

Under this licence you are free, without having to seek our permission, to use this publication in accordance with the licence terms.



You must keep intact the copyright notice and attribute the State of Queensland as the source of the publication.

Note: Some content in this publication may have different licence terms as indicated.

For more information on this licence, visit https://creativecommons.org/licenses/by/4.0/

The information contained herein is subject to change without notice. The Queensland Government shall not be liable for technical or other errors or omissions contained herein. The reader/user accepts all risks and responsibility for losses, damages, costs and other consequences resulting directly or indirectly from using this information.

Recent changes

Updated mapping

Updated vegetation mapping was released on 22 November 2023 and includes the most recent Queensland Herbarium scientific updates to the Regulated Vegetation Management Map, regional ecosystems, essential habitat, wetland and high-value regrowth mapping.

The Department of Environment, Science and Innovation have also updated their koala protection mapping to align with the Queensland Herbarium scientific updates.

The latest version (v10) of the Protected Plants Flora Survey Trigger Map (trigger map) was released on 6 September 2023.

Overview

Based on the lot on plan details you have supplied, this report provides the following detailed information:
Property details - information about the specified Lot on Plan, lot size, local government area, bioregion(s), subregion(s) and catchment(s);

Vegetation management framework - an explanation of the application of the framework and contact details for the Department of Resources who administer the framework;

Vegetation management framework details for the specified Lot on Plan including:

- the vegetation management categories on the property;
- the vegetation management regional ecosystems on the property;
- vegetation management watercourses or drainage features on the property;
- vegetation management wetlands on the property;
- vegetation management essential habitat on the property;
- whether any area management plans are associated with the property;
- whether the property is coastal or non-coastal; and
- whether the property is mapped as Agricultural Land Class A or B;

Protected plant framework - an explanation of the application of the framework and contact details for the Department of Environment, Science and Innovation who administer the framework, including:

- high risk areas on the protected plant flora survey trigger map for the property;

Koala protection framework - an explanation of the application of the framework and contact details for the Department of Environment, Science and Innovation who administer the framework; and

Koala protection framework details for the specified Lot on Plan including:

- the koala district the property is located in;
- koala priority areas on the property;
- core and locally refined koala habitat areas on the property;
- whether the lot is located in an identified koala broad-hectare area; and
- koala habitat regional ecosystems on the property for core koala habitat areas.

This information will assist you to determine your options for managing vegetation under:
- the vegetation management framework, which may include:

- exempt clearing work;
- accepted development vegetation clearing code;
- an area management plan;
- a development approval;

- the protected plant framework, which may include:

- the need to undertake a flora survey;
- exempt clearing;
- a protected plant clearing permit;

- the koala protection framework, which may include:

- exempted development;
- a development approval;
- the need to undertake clearing sequentially and in the presence of a koala spotter.

Other laws

The clearing of native vegetation is regulated by both Queensland and Australian legislation, and some local governments also regulate native vegetation clearing. You may need to obtain an approval or permit under another Act, such as the Commonwealth Government's *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). Section 8 of this guide provides contact details of other agencies you should confirm requirements with, before commencing vegetation clearing.

Table of Contents

1. Property details 6
1.1 Tenure and title area 6
1.2 Property location 6
2. Vegetation management framework (administered by the Department of Resources) 7
2.1 Exempt clearing work 7
2.2 Accepted development vegetation clearing codes 7
2.3 Area management plans 8
2.4 Development approvals 8
2.5. Contact information for the Department of Resources 8
3. Vegetation management framework for Lot: 229 Plan: SP136942 9
3.1 Vegetation categories 9
3.2 Regional ecosystems 10
3.3 Watercourses 10
3.4 Wetlands 10
3.5 Essential habitat 10
3.6 Area Management Plan(s) 11
3.7 Coastal or non-coastal 11
3.8 Agricultural Land Class A or B 11
4. Vegetation management framework maps 12
4.1 Regulated vegetation management map 13
4.2 Vegetation management supporting map 14
4.3 Coastal/non-coastal map 15
4.4 Agricultural Land Class A or B as per State Planning Policy: State Interest for Agriculture 16
5. Protected plants framework (administered by the Department of Environment, Science and Innovation (DESI)) 17
5.1 Clearing in high risk areas on the flora survey trigger map 17
5.2 Clearing outside high risk areas on the flora survey trigger map 17
5.3 Exemptions 17
5.4 Contact information for DESI 17
5.5 Protected plants flora survey trigger map 18
6. Koala protection framework (administered by the Department of Environment, Science and Innovation (DESI)) 20
6.1 Koala mapping 20
6.2 Koala habitat planning controls 21
6.3 Koala Conservation Plan clearing requirements 22
6.4 Contact information for DESI 22
7. Koala protection framework details for Lot: 229 Plan: SP136942 23
7.1 Koala districts 23
7.2 Koala priority area, koala habitat area and identified koala broad-hectare map 23
7.3 Koala habitat regional ecosystems for core koala habitat areas 24
8. Other relevant legislation contacts list 25

1. Property details

1.1 Tenure and title area

All of the lot, plan, tenure and title area information associated with property Lot: 229 Plan: SP136942 are listed in Table 1.

Table 1: Lot, plan, tenure and title area information for the property

Lot	Plan	Tenure	Property title area (sq metres)
229	SP136942	Freehold	5,000

The tenure of the land may affect whether clearing is considered exempt clearing work or may be carried out under an accepted development vegetation clearing code.

Does the property Lot: 229 Plan: SP136942 have a freehold tenure and is in the Wet Tropics of Queensland World Heritage Area?

No, this property is not located in the Wet Tropics of Queensland World Heritage Area.

1.2 Property location

Table 2 provides a summary of the locations for property Lot: 229 Plan: SP136942, in relation to natural and administrative boundaries.

Table 2: Property location details

Local Government(s)	Catchment(s)	Bioregion(s)	Subregion(s)
South Burnett Regional	Brisbane	Southeast Queensland	South Burnett

2. Vegetation management framework (administered by the Department of Resources)

The *Vegetation Management Act 1999* (VMA), the Vegetation Management Regulation 2023, the *Planning Act 2016* and the Planning Regulation 2017, in conjunction with associated policies and codes, form the Vegetation Management Framework.

The VMA does not apply to all land tenures or vegetation types. State forests, national parks, forest reserves and some tenures under the *Forestry Act 1959* and *Nature Conservation Act 1992* are not regulated by the VMA. Managing or clearing vegetation on these tenures may require approvals under these laws.

The following native vegetation is not regulated under the VMA but may require permit(s) under other laws:

- grass or non-woody herbage;
- a plant within a grassland regional ecosystem identified in the Vegetation Management Regional Ecosystem Description Database (VM REDD) as having a grassland structure; and
- a mangrove.

2.1 Exempt clearing work

Exempt clearing work is an activity for which you do not need to notify the Department of Resources or obtain an approval under the vegetation management framework. Exempt clearing work was previously known as exemptions.

In areas that are mapped as Category X (white in colour) on the regulated vegetation management map (see section 4.1), and where the land tenure is freehold, indigenous land and leasehold land for agriculture and grazing purposes, the clearing of vegetation is considered exempt clearing work and does not require notification or development approval under the vegetation management framework. For all other land tenures, contact the Department of Resources before commencing clearing to ensure that the proposed activity is exempt clearing work.

A range of routine property management activities are considered exempt clearing work. A list of exempt clearing work is available at

https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/exemptions/.

Exempt clearing work may be affected if the proposed clearing area is subject to development approval conditions, a covenant, an environmental offset, an exchange area, a restoration notice, or an area mapped as Category A. Exempt clearing work may require approval under other Commonwealth, State or Local Government laws, or local government planning schemes. Contact the Department of Resources prior to clearing in any of these areas.

2.2 Accepted development vegetation clearing codes

Some clearing activities can be undertaken under an accepted development vegetation clearing code. The codes can be downloaded at

https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/codes/

If you intend to clear vegetation under an accepted development vegetation clearing code, you must notify the Department of Resources before commencing. The information in this report will assist you to complete the online notification form.

You can complete the online form at
https://vegetation-apps.dnrm.qld.gov.au

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

2.3 Area management plans

Area Management Plans (AMP) provide an alternative approval system for vegetation clearing under the vegetation management framework. They list the purposes and clearing conditions that have been approved for the areas covered by the plan. It is not necessary to use an AMP, even when an AMP applies to your property.

On 8 March 2020, AMPs ended for fodder harvesting, managing thickened vegetation and managing encroachment. New notifications cannot be made for these AMPs. You will need to consider options for fodder harvesting, managing thickened vegetation or encroachment under a relevant accepted development vegetation clearing code or apply for a development approval.

New notifications can be made for all other AMPs. These will continue to apply until their nominated end date.

If an Area Management Plan applies to your property for which you can make a new notification, it will be listed in Section 3.6 of this report. Before clearing under one of these AMPs, you must first notify the Department of Resources and then follow the conditions and requirements listed in the AMP.

https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/area-management-plans

2.4 Development approvals

If under the vegetation management framework your proposed clearing is not exempt clearing work, or is not permitted under an accepted development vegetation clearing code, or an AMP, you may be able to apply for a development approval. Information on how to apply for a development approval is available at

https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/development

2.5. Contact information for the Department of Resources

For further information on the vegetation management framework:

Phone 135VEG (135 834)

Email vegetation@resources.qld.gov.au

Visit https://www.resources.qld.gov.au/?contact=vegetation to submit an online enquiry.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

3. Vegetation management framework for Lot: 229 Plan: SP136942

3.1 Vegetation categories

The vegetation categories on your property are shown on the regulated vegetation management map in section 4.1 of this report. A summary of vegetation categories on the subject lot are listed in Table 3. Descriptions for these categories are shown in Table 4.

Table 3: Vegetation categories for subject property

Vegetation category	Area (ha)
Category X	0.50

Table 4: Description of vegetation categories

Category	Colour on Map	Description	Requirements / options under the vegetation management framework
A	red	Compliance areas, environmental offset areas and voluntary declaration areas	Special conditions apply to Category A areas. Before clearing, contact the Department of Resources to confirm any requirements in a Category A area.
B	dark blue	Remnant vegetation areas	Exempt clearing work, or notification and compliance with accepted development vegetation clearing codes, area management plans or development approval.
C	light blue	High-value regrowth areas	Exempt clearing work, or notification and compliance with managing Category C regrowth vegetation accepted development vegetation clearing code.
R	yellow	Regrowth within 50m of a watercourse or drainage feature in the Great Barrier Reef catchment areas	Exempt clearing work, or notification and compliance with managing Category R regrowth accepted development vegetation clearing code or area management plans.
X	white	Clearing on freehold land, indigenous land and leasehold land for agriculture and grazing purposes is considered exempt clearing work under the vegetation management framework. Contact the Department of Resources to clarify whether a development approval is required for other State land tenures.	No permit or notification required on freehold land, indigenous land and leasehold land for agriculture and grazing. A development approval may be required for some State land tenures.

Property Map of Assessable Vegetation (PMAV)

There is no Property Map of Assessable Vegetation (PMAV) present on this property.

3.2 Regional ecosystems

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

The endangered, of concern and least concern regional ecosystems on your property are shown on the vegetation management supporting map in section 4.2 and are listed in Table 5.

A description of regional ecosystems can be accessed online at
https://www.qld.gov.au/environment/plants-animals/plants/ecosystems/descriptions/

Table 5: Regional ecosystems present on subject property

Regional Ecosystem	VMA Status	Category	Area (Ha)	Short Description	Structure Category
non-rem	None	X	0.50	None	None

Please note:
1. All area and area derived figures included in this table have been calculated via reprojecting relevant spatial features to Albers equal-area conic projection (central meridian = 146, datum Geocentric Datum of Australia 1994). As a result, area figures may differ slightly if calculated for the same features using a different co-ordinate system.
2. If Table 5 contains a Category 'plant', please be aware that this refers to 'plantations' such as forestry, and these areas are considered non-remnant under the VMA.

The VMA status of the regional ecosystem (whether it is endangered, of concern or least concern) also determines if any of the following are applicable:

- exempt clearing work;
- accepted development vegetation clearing codes;
- performance outcomes in State Code 16 of the State Development Assessment Provisions (SDAP).

3.3 Watercourses

Vegetation management watercourses and drainage features for this property are shown on the vegetation management supporting map in section 4.2.

3.4 Wetlands

There are no vegetation management wetlands present on this property.

3.5 Essential habitat

Under the VMA, essential habitat for protected wildlife is native wildlife prescribed under the *Nature Conservation Act 1992* (NCA) as critically endangered, endangered, vulnerable or near-threatened wildlife.

Essential habitat for protected wildlife includes suitable habitat on the lot, or where a species has been known to occur up to 1.1 kilometres from a lot on which there is assessable vegetation. These important habitat areas are protected under the VMA.

Any essential habitat on this property will be shown as blue hatching on the vegetation supporting map in section 4.2.

If essential habitat is identified on the lot, information about the protected wildlife species is provided in Table 6 below. The numeric labels on the vegetation management supporting map can be cross referenced with Table 6 to outline the essential habitat factors for that particular species. There may be essential habitat for more than one species on each lot, and areas of Category A, Category B and Category C can be mapped as Essential Habitat.

Essential habitat is compiled from a combination of species habitat models and buffered species records. Regional ecosystem is a mandatory essential habitat factor, unless otherwise stated. Essential habitat, for protected wildlife, means an area of vegetation shown on the Regulated Vegetation Management Map -

1) that has at least 3 essential habitat factors for the protected wildlife that must include any essential habitat factors that are stated as mandatory for the protected wildlife in the essential habitat database. Essential habitat factors are comprised of - regional ecosystem (mandatory for most species), vegetation community, altitude, soils, position in landscape; or
2) in which the protected wildlife, at any stage of its life cycle, is located.

If there is no essential habitat mapping shown on the vegetation management supporting map for this lot, and there is no table in the sections below, it confirms that there is no essential habitat on the lot.

Category A and/or Category B and/or Category C

Table 6: Essential habitat in Category A and/or Category B and/or Category C

No records

3.6 Area Management Plan(s)

Nil

3.7 Coastal or non-coastal

For the purposes of the accepted development vegetation clearing codes and State Code 16 of the State Development Assessment Provisions (SDAP), this property is regarded as*

Coastal

*See also Map 4.3

3.8 Agricultural Land Class A or B

The following can be used to identify Agricultural Land Class A or B areas under the "Managing regulated regrowth vegetation" accepted development vegetation clearing code:

Does this lot contain land that is mapped as Agricultural Land Class A or B in the State Planning Interactive Mapping System?

Class A (with urban areas masked as per SPP): 0.5 ha

No Class B

Note - This confirms Agricultural Land Classes as per the State Planning Interactive Mapping System only. This response does not include Agricultural Land Classes identified under local government planning schemes. For further information, check the Planning Scheme for your local government area.

See Map 4.4 to identify the location and extent of Class A and/or Class B Agricultural land on Lot: 229 Plan: SP136942.

4. Vegetation management framework maps

Vegetation management maps included in this report may also be requested individually at:
https://www.resources.qld.gov.au/qld/environment/land/vegetation/vegetation-map-request-form

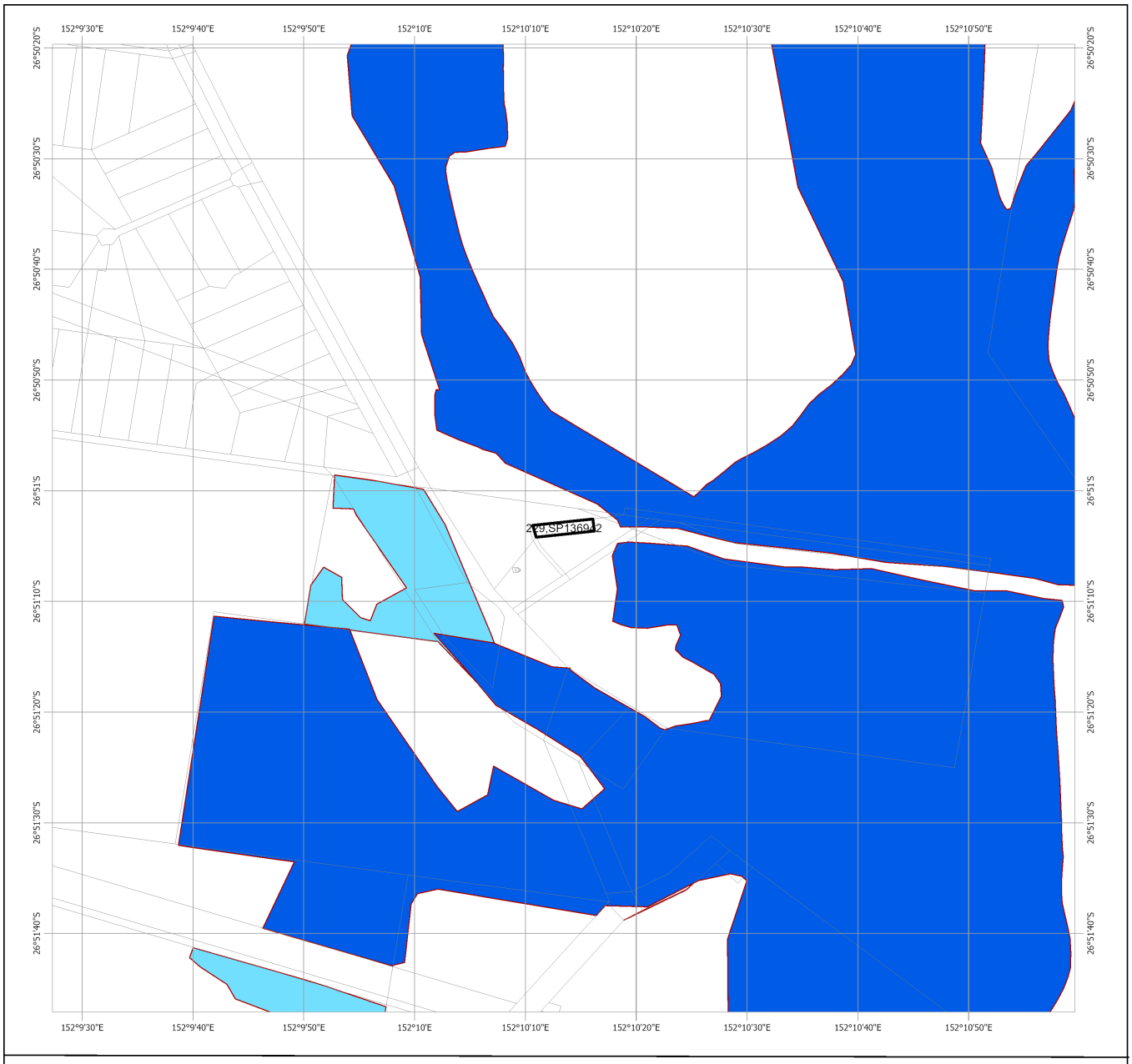
Regulated vegetation management map
The regulated vegetation management map shows vegetation categories needed to determine clearing requirements. These maps are updated monthly to show new property maps of assessable vegetation (PMAV).

Vegetation management supporting map
The vegetation management supporting map provides information on regional ecosystems, wetlands, watercourses and essential habitat.

Coastal/non-coastal map
The coastal/non-coastal map confirms whether the lot, or which parts of the lot, are considered coastal or non-coastal for the purposes of the accepted development vegetation clearing codes and State Code 16 of the State Development Assessment Provisions (SDAP).

Agricultural Land Class A or B as per State Planning Policy: State Interest for Agriculture
The Agricultural Land Class map confirms the location and extent of land mapped as Agricultural Land Classes A or B as identified on the State Planning Interactive Mapping System. Please note that this map does not include areas identified as Agricultural Land Class A or B in local government planning schemes. This map can be used to identify Agricultural Land Class A or B areas under the "Managing regulated regrowth vegetation" accepted development vegetation clearing code.

4.1 Regulated vegetation management map



Regulated Vegetation Management Map

- Category A area (Vegetation offsets/compliance notices/VDecs)
- Category B area (Remnant vegetation)
- Category C area (High-value regrowth vegetation)
- Category R area (Reef regrowth watercourse vegetation)
- Category X area (Exempt clearing work on Freehold, Indigenous and Leasehold land)
- Water
- Other land parcel boundaries
- Selected Lot and Plan

LOCALITY DIAGRAM



N

0 150 300 450 600 750 m

This product is displayed in:
GDA2020

Disclaimer:
While every care is taken to ensure the accuracy of this product, the Department of Resources makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the product being inaccurate or incomplete in any way and for any reason.

Additional information required for the assessment of vegetation values is provided in the accompanying "Vegetation Management Supporting map". For further information go to the web site: www.resources.qld.gov.au or contact the Department of Resources.

Digital data for the regulated vegetation management map is available from the Queensland Spatial Portal at http://www.information.qld.gov.au/

Land parcel boundaries are provided as locational aid only.

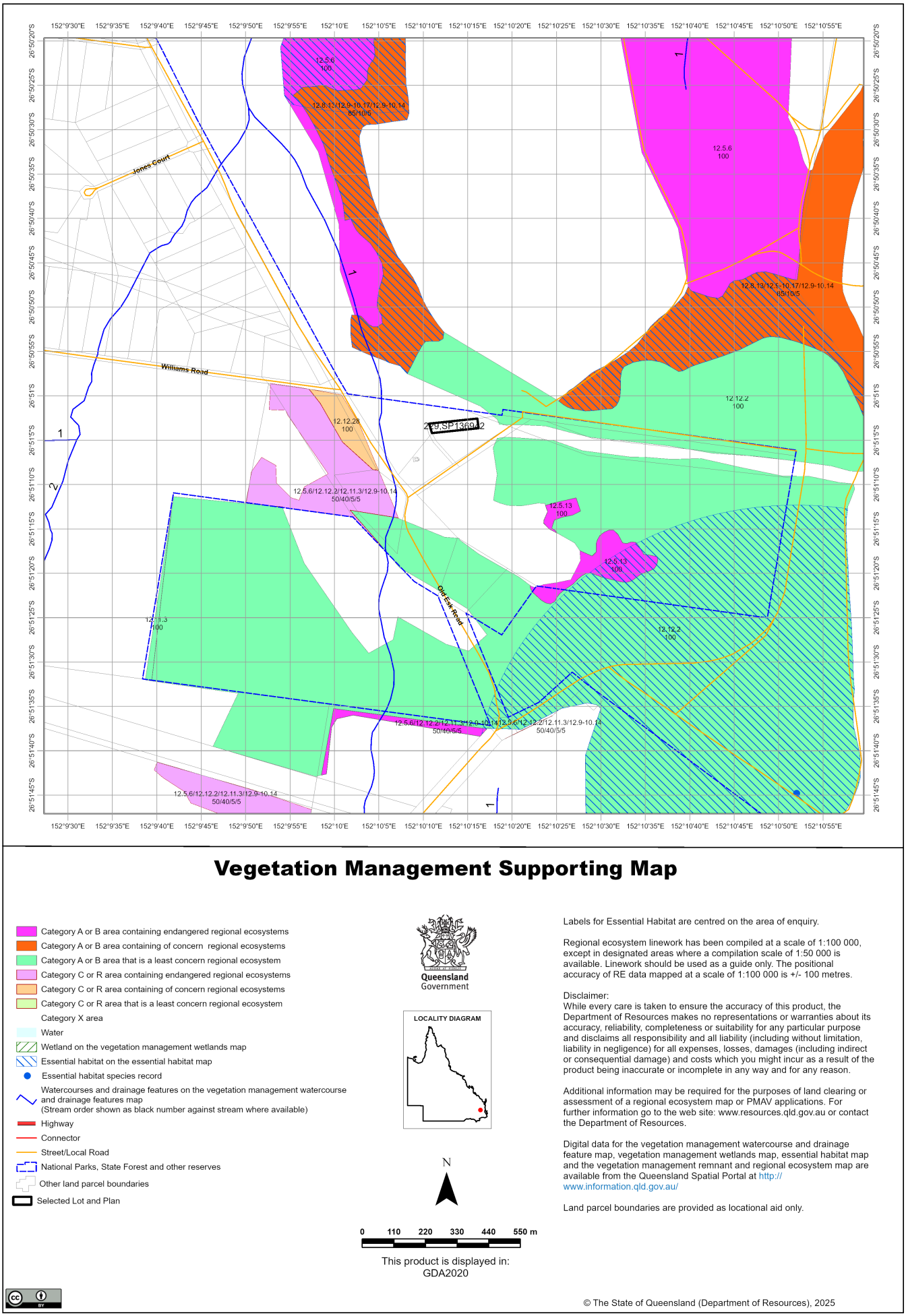
This map is updated on a monthly basis to ensure new PMAVs are included as they are approved.

Queensland Government

© The State of Queensland (Department of Resources), 2025

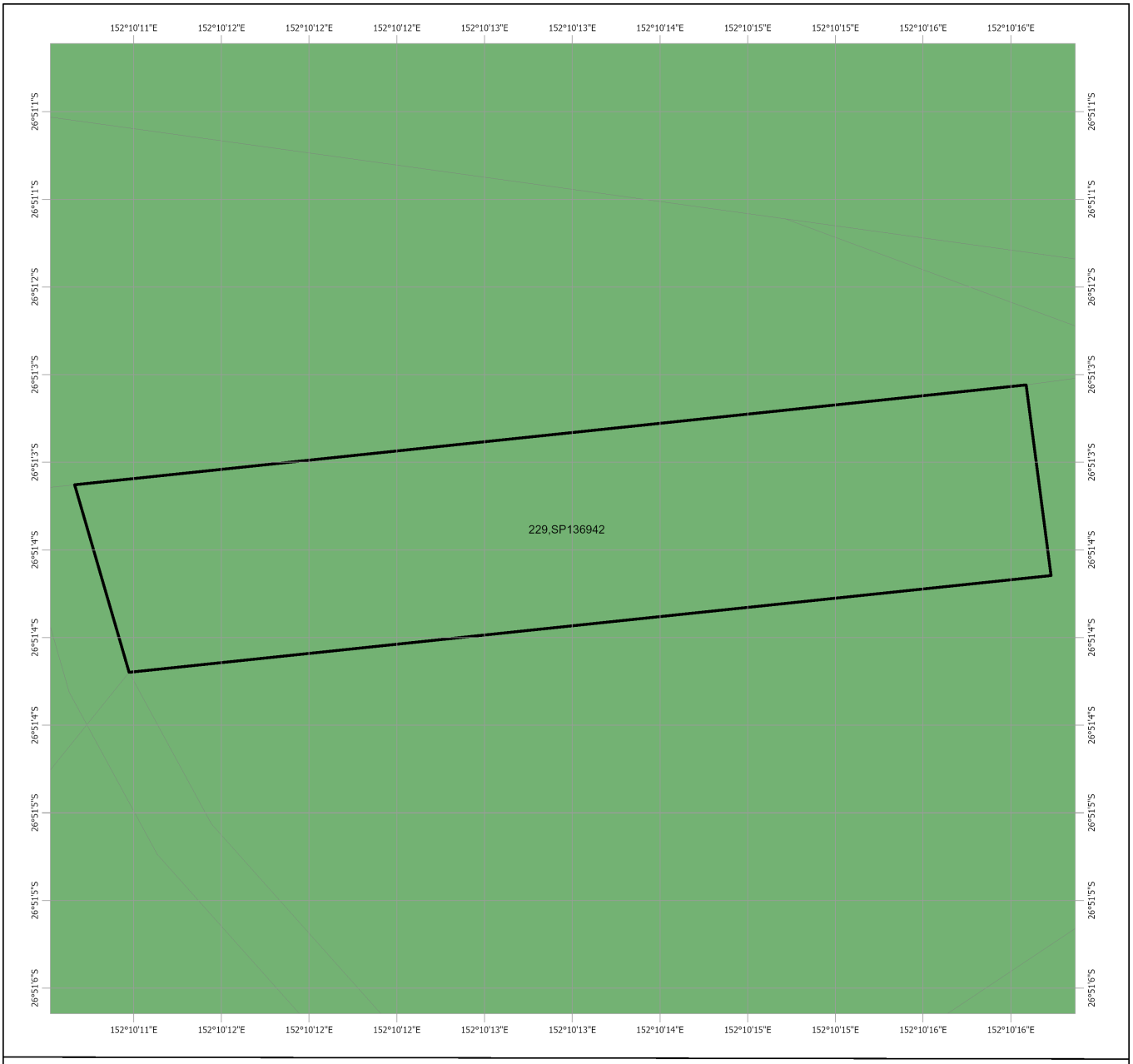
Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

4.2 Vegetation management supporting map



Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

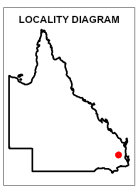
4.3 Coastal/non-coastal map



Coastal/Non Coastal Map

Coastal
Non Coastal
Other land parcel boundaries
Selected Lot and Plan

LOCALITY DIAGRAM



N

0 10 20 30 40 50 m

This product is displayed in:
GDA2020

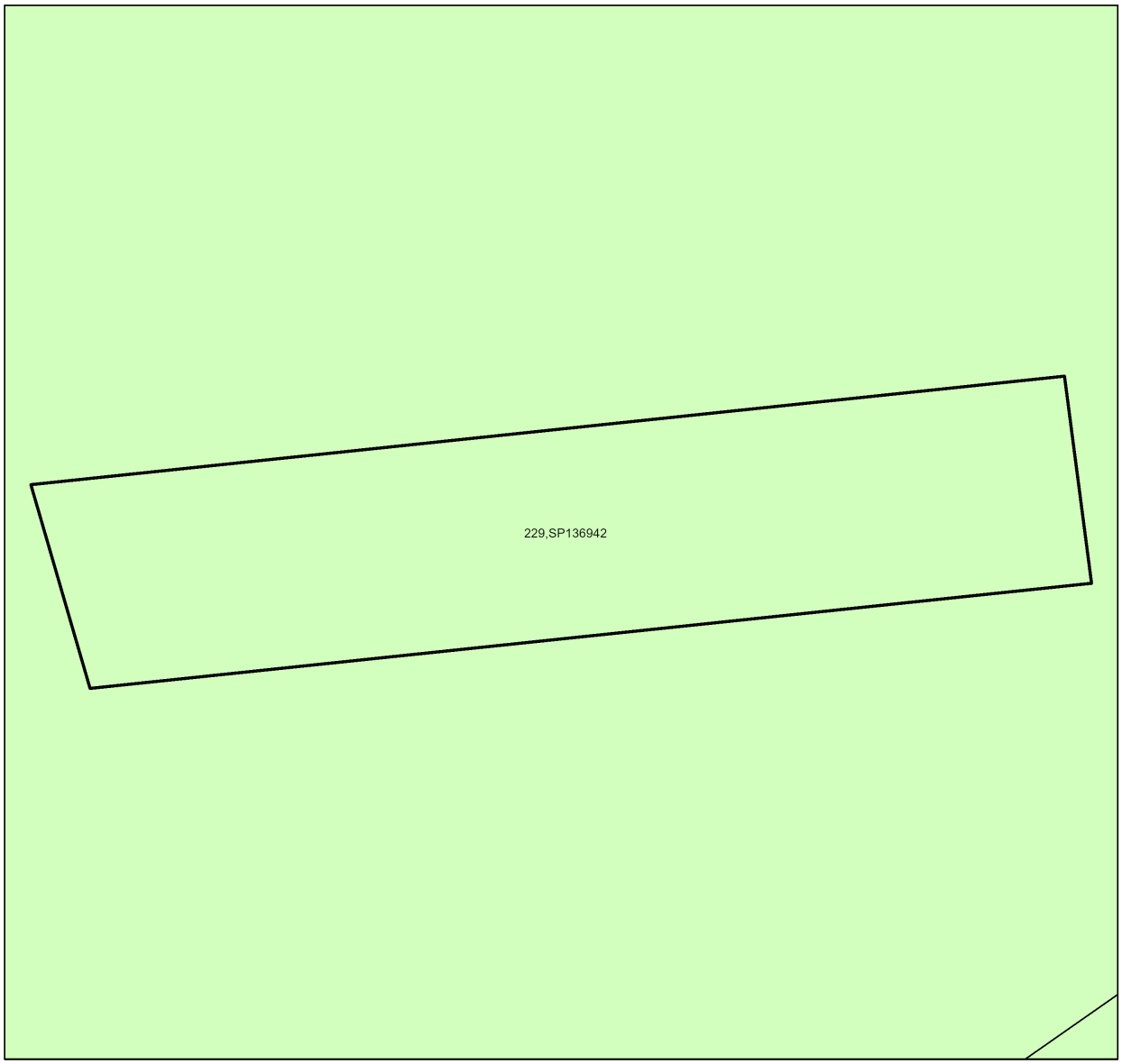
Disclaimer:
While every care is taken to ensure the accuracy of this product, the Department of Resources makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the product being inaccurate or incomplete in any way and for any reason.

Land parcel boundaries shown are provided as a locational aid only.

© The State of Queensland (Department of Resources), 2025

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

4.4 Agricultural Land Class A or B as per State Planning Policy: State Interest for Agriculture



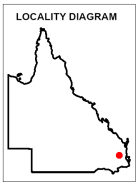
Agricultural Land Class A or B
as per State Planning Policy: State Interest for Agriculture

- Towns
- Rivers and creeks
- Freeways / motorways; Highways
- Secondary roads; Streets

Agricultural land class A or B

- A
- B
- Not class A or B
- Selected Lot and Plan

LOCALITY DIAGRAM



N

0 10 20 30 40 50 m

This product is displayed in GDA2020

Disclaimer
Whilst every care is taken to ensure the accuracy of these details all data custodians and/or the State of Queensland makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses damages (including indirect or consequential damage) and costs to which you might incur as a result of the data being inaccurate or incomplete in any way and for any reason.

© The State of Queensland, 2025

5. Protected plants framework (administered by the Department of Environment, Science and Innovation (DESI))

In Queensland, all plants that are native to Australia are protected plants under the *Nature Conservation Act 1992* (NCA). The NCA regulates the clearing of protected plants 'in the wild' (see Operational policy: When a protected plant in Queensland is considered to be 'in the wild') that are listed as critically endangered, endangered, vulnerable or near threatened under the Act.

Please note that the protected plant clearing framework applies irrespective of the classification of the vegetation under the *Vegetation Management Act 1999* and any approval or exemptions given under another Act, for example, the *Vegetation Management Act 1999* or *Planning Regulation 2017*.

5.1 Clearing in high risk areas on the flora survey trigger map

The flora survey trigger map identifies high-risk areas for threatened and near threatened plants. These are areas where threatened or near threatened plants are known to exist or are likely to exist based on the habitat present. The flora survey trigger map for this property is provided in section 5.5.

If you are proposing to clear an area shown as high risk on the flora survey trigger map, a flora survey of the clearing impact area must be undertaken by a suitably qualified person in accordance with the Flora survey guidelines. The main objective of a flora survey is to locate any threatened or near threatened plants that may be present in the clearing impact area.

If the flora survey identifies that threatened or near threatened plants are not present within the clearing impact area or clearing within 100m of EVNT plants can be avoided, the clearing activity is exempt from a permit. An exempt clearing notification form must be submitted to the Department of Environment, Science and Innovation, with a copy of the flora survey report, at least one week prior to clearing.

If the flora survey identifies that threatened or near threatened plants are present in, or within 100m of, the area to be cleared, a clearing permit is required before any clearing is undertaken. The flora survey report, as well as an impact management report, must be submitted with the clearing permit application form.

5.2 Clearing outside high risk areas on the flora survey trigger map

In an area other than a high risk area, a clearing permit is only required where a person is, or becomes aware that threatened or near threatened plantsare present in, or within 100m of, the area to be cleared. You must keep a copy of the flora survey trigger map for the area subject to clearing for five years from the day the clearing starts. If you do not clear within the 12 month period that the flora survey trigger map was printed, you need to print and check a new flora survey trigger map.

5.3 Exemptions

Many activities are 'exempt' under the protected plant clearing framework, which means that clearing of native plants that are in the wild can be undertaken for these activities with no need for a flora survey or a protected plant clearing permit. The Information sheet - General exemptions for the take of protected plants provides some of these exemptions.

Some exemptions under the NCA are the same as exempt clearing work (formerly known as exemptions) under the *Vegetation Management Act 1999* (i.e. listed in Schedule 21 of the Planning Regulations 2017) while some are different.

5.4 Contact information for DESI

For further information on the protected plants framework:
Phone 1300 130 372 (and select option four)
Email palm@des.qld.gov.au
Visit https://www.qld.gov.au/environment/plants-animals/plants/protected-plants

5.5 Protected plants flora survey trigger map

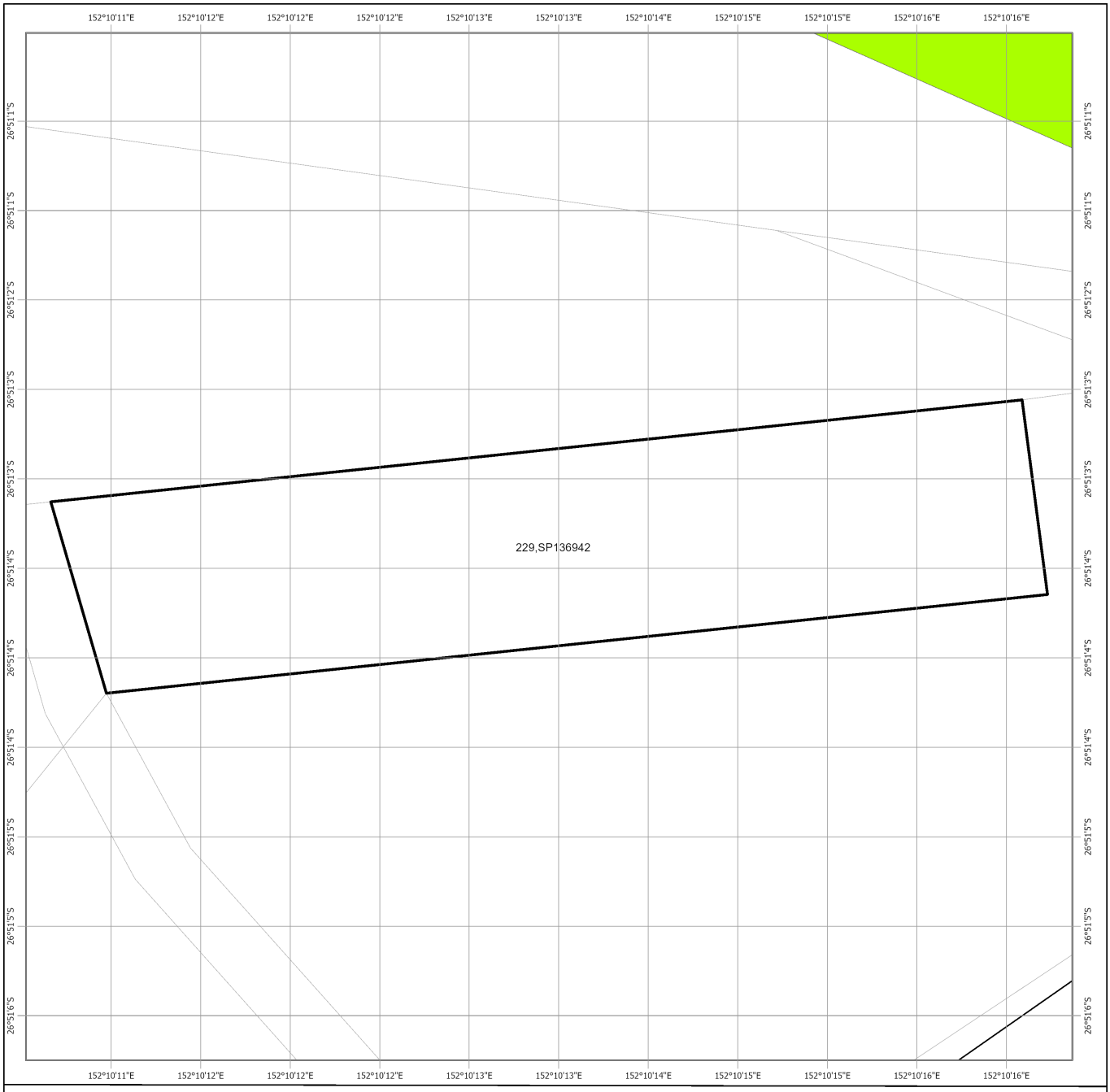
This map included may also be requested individually at: https://apps.des.qld.gov.au/map-request/flora-survey-trigger/.

Updates to the data informing the flora survey trigger map

The flora survey trigger map will be reviewed, and updated if necessary, at least every 12 months to ensure the map reflects the most up-to-date and accurate data available.

Species information

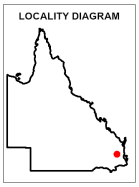
Please note that flora survey trigger maps do not identify species associated with 'high risk areas'. While some species information may be publicly available, for example via the Queensland Spatial Catalogue, the Department of Environment, Science and Innovation does not provide species information on request. Regardless of whether species information is available for a particular high risk area, clearing plants in a high risk area may require a flora survey and/or clearing permit. Please see the Department of Environment, Science and Innovation webpage on the clearing of protected plants for more information.



Protected Plants Flora Survey Trigger Map

- High risk area
- Other land parcel boundaries
- Freeways / motorways / highways
- Secondary roads / streets
- Selected Lot and Plan

LOCALITY DIAGRAM



N

0 6.8 13.6 20.4 27.2 34 m

This product is displayed in: GDA2020

This map shows areas where particular provisions of the Nature Conservation Act 1992 apply to the clearing of protected plants.

Land parcel boundaries are provided as locational aid only.

This map is produced at a scale relevant to the size of the area selected and should be printed as A4 size in portrait orientation.

For further information or assistance with interpretation of this product, please contact the Department of the Environment, Tourism, Science and Innovation at palm@des.qld.gov.au

Disclaimer: While every care is taken to ensure the accuracy of the data used to generate this product, the Queensland Government makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaim all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damages) and costs which might be incurred as a consequence of reliance on the data, or as a result of the data being inaccurate or incomplete in any way and for any reason.

© The State of Queensland (Department of the Environment, Tourism, Science and Innovation), 2025

6. Koala protection framework (administered by the Department of Environment, Science and Innovation (DESI))

The koala (*Phascolarctos cinereus*) is listed in Queensland as endangered by the Queensland Government under *Nature Conservation Act 1992* and by the Australian Government under the *Environment Protection and Biodiversity Conservation Act 1999*.

The Queensland Government's koala protection framework is comprised of the *Nature Conservation Act 1992*, the Nature Conservation (Animals) Regulation 2020, the Nature Conservation (Koala) Conservation Plan 2017, the *Planning Act 2016* and the Planning Regulation 2017.

6.1 Koala mapping

6.1.1 Koala districts

The parts of Queensland where koalas are known to occur has been divided into three koala districts - koala district A, koala district B and koala district C. Each koala district is made up of areas with comparable koala populations (e.g. density, extent and significance of threatening processes affecting the population) which require similar management regimes.

Section 7.1 identifies which koala district your property is located in.

6.1.2 Koala habitat areas

Koala habitat areas are areas of vegetation that have been determined to contain koala habitat that is essential for the conservation of a viable koala population in the wild based on the combination of habitat suitability and biophysical variables with known relationships to koala habitat (e.g. landcover, soil, terrain, climate and ground water). In order to protect this important koala habitat, clearing controls have been introduced into the Planning Regulation 2017 for development in koala habitat areas.

Please note that koala habitat areas only exist in koala district A which is the South East Queensland "Shaping SEQ" Regional Plan area. These areas include the local government areas of Brisbane, Gold Coast, Logan, Lockyer Valley, Ipswich, Moreton Bay, Noosa, Redland, Scenic Rim, Somerset, Sunshine Coast and Toowoomba (urban extent).

There are two different categories of koala habitat area (core koala habitat area and locally refined koala habitat), which have been determined using two different methodologies. These methodologies are described in the document Spatial modelling in South East Queensland.

Section 7.2 shows any koala habitat area that exists on your property.

Under the Nature Conservation (Koala) Conservation Plan 2017, an owner of land (or a person acting on the owner's behalf with written consent) can request to make, amend or revoke a koala habitat area determination if they believe, on reasonable grounds, that the existing determination for all or part of their property is incorrect.

More information on requests to make, amend or revoke a koala habitat area determination can be found in the document Guideline - Requests to make, amend or revoke a koala habitat area determination.

The koala habitat area map will be updated at least annually to include any koala habitat areas that have been made, amended or revoked.

Changes to the koala habitat area map which occur between annual updates because of a request to make, amend or revoke a koala habitat area determination can be viewed on the register of approved requests to make, amend or revoke a koala habitat area available at: https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping/koalamaps. The register includes the lot on plan for the change, the date the decision was made and the map issued to the landholder that shows areas determined to be koala habitat areas.

6.1.3 Koala priority areas

Koala priority areas are large, connected areas that have been determined to have the highest likelihood of achieving conservation outcomes for koalas based on the combination of habitat suitability, biophysical variables with known relationships to koala habitat (e.g. landcover, soil, terrain, climate and ground water) and a koala conservation cost benefit analysis.

Conservation efforts will be prioritised in these areas to ensure the conservation of viable koala populations in the wild including a focus on management (e.g. habitat protection, habitat restoration and threat mitigation) and monitoring. This includes a prohibition on clearing in koala habitat areas that are in koala priority areas under the Planning Regulation 2017 (subject to some exemptions).

Please note that koala priority areas only exist in koala district A which is the South East Queensland "Shaping SEQ" Regional Plan area. These areas include the local government areas of Brisbane, Gold Coast, Logan, Lockyer Valley, Ipswich, Moreton Bay, Noosa, Redland, Scenic Rim, Somerset, Sunshine Coast and Toowoomba (urban extent).

Section 7.2 identifies if your property is in a koala priority area.

6.1.4 Identified koala broad-hectare areas

There are seven identified koala broad-hectare areas in SEQ. These are areas of koala habitat that are located in areas committed to meet development targets in the SEQ Regional Plan to accommodate SEQ's growing population including bring-forward Greenfield sites under the Queensland Housing Affordability Strategy and declared master planned areas under the repealed *Sustainable Planning Act 2009* and the repealed *Integrated Planning Act 1997*.

Specific assessment benchmarks apply to development applications for development proposed in identified koala broad-hectare areas to ensure koala conservation measures are incorporated into the proposed development.

Section 7.2 identifies if your property is in an identified koala broad-hectare area.

6.2 Koala habitat planning controls

On 7 February 2020, the Queensland Government introduced new planning controls to the Planning Regulation 2017 to strengthen the protection of koala habitat in South East Queensland (i.e. koala district A).

More information on these planning controls can be found here:
https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping/legislation-policy.

As a high-level summary, the koala habitat planning controls make:

- development that involves interfering with koala habitat (defined below) in an area that is both a koala priority area and a koala habitat area, prohibited development (i.e. development for which a development application cannot be made);
- development that involves interfering with koala habitat (defined below) in an area that is a koala habitat area but is not a koala priority area, assessable development (i.e. development for which development approval is required); and
- development that is for extractive industries where the development involves interfering with koala habitat (defined below) in an area that is both a koala habitat area and a key resource area, assessable development (i.e. development for which development approval is required).

Interfering with koala habitat means:

1. Removing, cutting down, ringbarking, pushing over, poisoning or destroying in anyway, including by burning, flooding or draining native vegetation in a koala habitat area; but
2. Does not include destroying standing vegetation stock or lopping a tree.

However, these planning controls do not apply if the development is exempted development as defined in Schedule 24 of the Planning Regulation 2017. More information on exempted development can be found here:
https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping/legislation-policy.

There are also assessment benchmarks that apply to development applications for:

- building works, operational works, material change of use or reconfiguration of a lot where:

  - the local government planning scheme makes the development assessable;
  - the premises includes an area that is both a koala priority area and a koala habitat area; and
  - the development does not involve interfering with koala habitat (defined above); and

- development in identified koala broad-hectare areas.

The Guideline - Assessment Benchmarks in relation to Koala Habitat in South East Queensland assessment benchmarks outlines these assessment benchmarks, the intent of these assessment benchmarks and advice on how proposed development may meet these assessment benchmarks.

6.3 Koala Conservation Plan clearing requirements

Section 10 and 11 of the Nature Conservation (Koala) Conservation Plan 2017 prescribes requirements that must be met when clearing koala habitat in koala district A and koala district B.

These clearing requirements are independent to the koala habitat planning controls introduced into the Planning Regulation 2017, which means they must be complied with irrespective of any approvals or exemptions offered under other legislation.

Unlike the clearing controls prescribed in the Planning Regulation 2017 that are to protect koala habitat, the clearing requirements prescribed in the Nature Conservation (Koala) Conservation Plan 2017 are in place to prevent the injury or death of koalas when koala habitat is being cleared.

6.4 Contact information for DESI

For further information on the koala protection framework:
Phone 13 QGOV (13 74 68)
Email koala.assessment@des.qld.gov.au
Visit https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping

7. Koala protection framework details for Lot: 229 Plan: SP136942

7.1 Koala districts

Koala District B

7.2 Koala priority area, koala habitat area and identified koala broad-hectare map



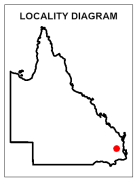
Koala priority area, koala habitat area and identified koala broad-hectare area map

- Koala habitat area (core)
- Koala habitat area (locally refined)
- Koala priority area
- Identified koala broad-hectare area
- Cadastral Boundaries
- Towns
- Major rivers/creeks
- Highway
- Connector
- Street/Local Road
- Queensland
- Selected Lot and Plan

The koala habitat mapping within South East Queensland uses regional ecosystem linework compiled at a scale varying from 1:25,000 to 1:100,000. Linework should be used as a guide only. The positional accuracy of regional ecosystem data mapped at a scale of 1:100,000 is +/- 100 metres.

© The State of Queensland, 2025

LOCALITY DIAGRAM



N

0 9.6 19.2 28.8 38.4 48 m

This product is displayed in GDA2020

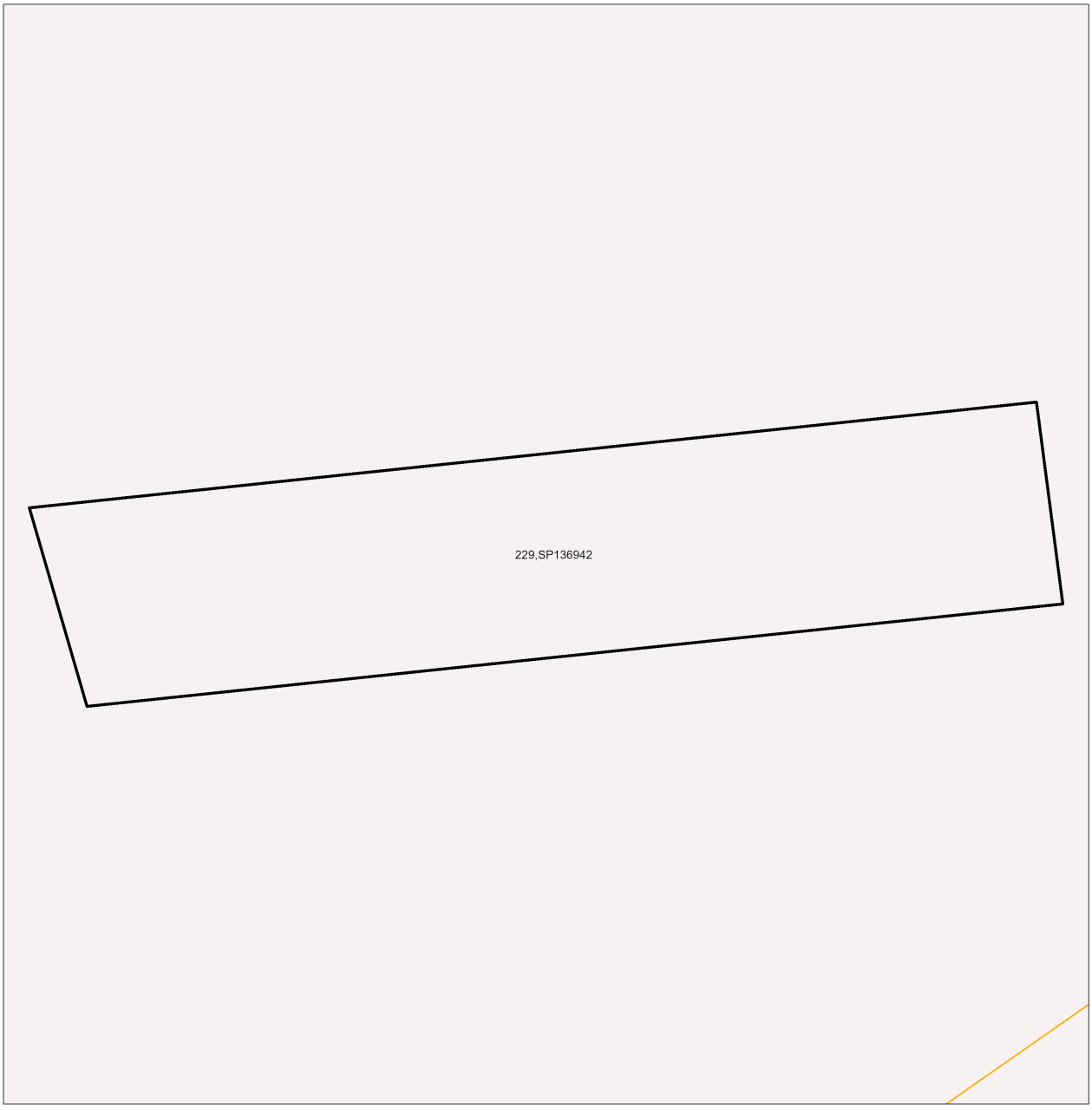
Disclaimer:
While every care is taken to ensure the accuracy of this product, the Department of Environment, Science and Innovation acting on behalf of the State of Queensland makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the data being inaccurate or incomplete in any way and for any reason. Due to varying sources of data, spatial locations may not coincide when overlaid.

The koala conservation plan maps will be updated at least annually to include any koala habitat areas that have been made, amended or revoked.

In order to ensure that the most recent map for an area of interest can be accessed, prior to the annual update, a register of changes made to koala habitat areas as a result of the map amendment process will be available at: https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping/. The register will include lot on plan for the change, the date the decision was made and the map issued to the landholder which shows areas determined to be koala habitat areas.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

7.3 Koala habitat regional ecosystems for core koala habitat areas



Koala habitat regional ecosystems for core koala habitat areas

Koala habitat area (core)
Towns
Highway
Connector
Street/Local Road
Major rivers/creeks
Queensland
Selected Lot and Plan

LOCALITY DIAGRAM

N

0 9.6 19.2 28.8 38.4 48 m

DISCLAIMER:

While every care is taken to ensure the accuracy of this product, the Department of Environment, Science and Innovation acting on behalf of the State of Queensland makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the data being inaccurate or incomplete in any way and for any reason.
Due to varying sources of data, spatial locations may not coincide when overlaid.

The koala habitat mapping within South East Queensland uses regional ecosystem linework compiled at a scale varying from 1:25,000 to 1:100,000. Linework should be used as a guide only. The positional accuracy of regional ecosystem data mapped at a scale of 1:100,000 is +/- 100 metres.

© The State of Queensland, 2025

This product is displayed in GDA2020

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

8. Other relevant legislation contacts list

Activity	Legislation	Agency	Contact details
Interference with overland flow	*Water Act 2000*	Queensland Department of Regional Development, Manufacturing and Water	Ph: 13 QGOV (13 74 68) www.rdmw.qld.gov.au
Earthworks, significant disturbance	*Soil Conservation Act 1986*	Queensland Department of Resources	Ph: 13 QGOV (13 74 68) www.resources.qld.gov.au
Fire Permits	*Fire and Emergency Services Act 1990*	Queensland Fire Department	Ph: 13 QGOV (13 74 68) www.fire.qld.gov.au
Indigenous Cultural Heritage	*Aboriginal Cultural Heritage Act 2003* *Torres Strait Islander Cultural Heritage Act 2003*	Queensland Department of Treaty, Aboriginal and Torres Strait Islander Partnerships, Communites and the Arts	Ph: 13 QGOV (13 74 68) www.dsdsatsip.qld.gov.au
Mining and environmentally relevant activities Infrastructure development (coastal) Heritage issues	*Environmental Protection Act 1994* *Coastal Protection and Management Act 1995* *Queensland Heritage Act 1992*	Queensland Department of Environment, Science and Innovation	Ph: 13 QGOV (13 74 68) www.desi.qld.gov.au
Protected plants and protected areas	*Nature Conservation Act 1992* *Planning Act 2016*	Queensland Department of Environment, Science and Innovation	Ph: 1300 130 372 (option 4) palm@des.qld.gov.au www.desi.qld.gov.au
Koala mapping and regulations	*Nature Conservation Act 1992*	Queensland Department of Environment, Science and Innovation	Ph: 13 QGOV (13 74 68) Koala.assessment@des.qld.gov.au
Interference with fish passage in a watercourse, mangroves Forestry activities	*Fisheries Act 1994* *Forestry Act 1959*	Queensland Department of Agriculture and Fisheries	Ph: 13 QGOV (13 74 68) www.daf.qld.gov.au
Matters of National Environmental Significance including listed threatened species and ecological communities	*Environment Protection and Biodiversity Conservation Act 1999*	Department of Climate Change, Energy, the Environment and Water (Australian Government)	Ph: 1800 803 772 www.dcceew.gov.au
Development and planning processes	*Planning Act 2016* *State Development and Public Works Organisation Act 1971*	Queensland Department of Housing, Local Government, Planning and Public Works	Ph: 13 QGOV (13 74 68) www.planning.qld.gov.au
Coordinated projects	*Planning Act 2016* *State Development and Public Works Organisation Act 1971*	Office of the Coordinator-General	Ph: 13 QGOV (13 74 68) www.statedevelopment.qld.gov.au/coordinator-general
Wet Tropics World Heritage Area	*Wet Tropics World Heritage Protection and Management Act 1993*	Queensland Wet Tropics Management Authority	Ph: (07) 4241 0500 www.wettropics.gov.au
Requirements on State controlled road	*Transport Infrastructure Act 1994*	Queensland Department of Transport and Main Roads	Ph: 13 QGOV (13 74 68) https://www.tmr.qld.gov.au
Local government requirements	*Local Government Act 2009* *Planning Act 2016*	Your relevant local government office	

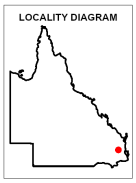
Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



Map of Great Barrier Reef Wetland Protection Areas

Cadastral Boundary
Wetland in a wetland protection area
Great Barrier Reef wetland protection area
Selected Lot and Plan

LOCALITY DIAGRAM



N

0 125 250 375 500 625 m

This product is displayed in GDA2020

Note:
This map shows the location of wetland protection areas which are defined under the Environmental Protection Regulation 2019. Within wetland protection areas, certain types of development involving high impact earthworks are made assessable under the Planning Regulation 2017.

The State Assessment and Referral Agency (SARA) is part of the State government department administering the Planning Act 2016. SARA is the assessment manager for assessable development involving high impact earthworks within wetland protection areas. The Department of the Environment, Tourism, Science and Innovation is a technical agency.

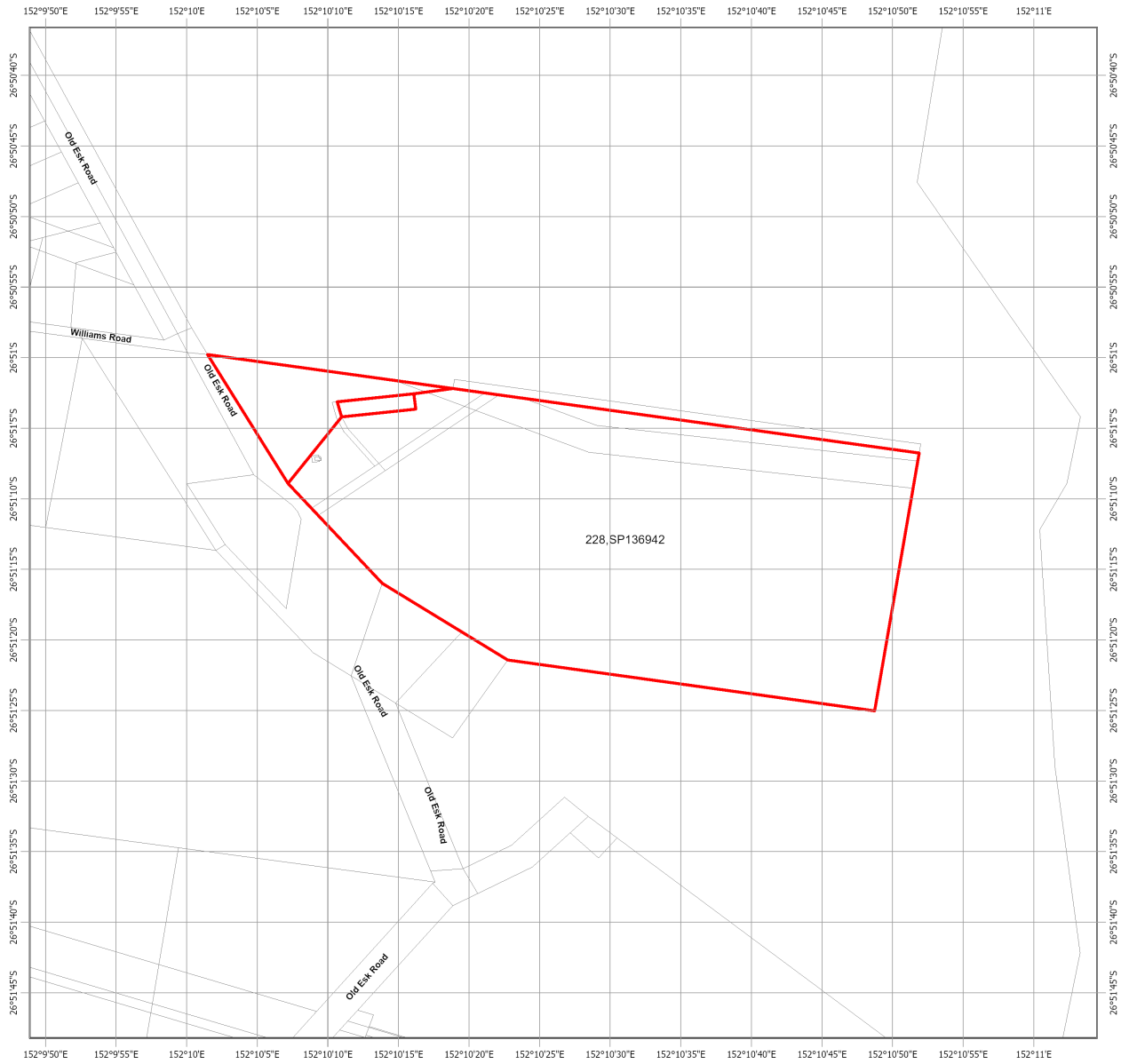
The policy outcome and assessment criteria for assessing these applications are described in the State Development Assessment Provisions (SDAP) State Code 9 : Great Barrier Reef Wetland Protection Areas.

High impact earthworks carried out for electricity operating works or government supported transport infrastructure is accepted development if it complies with schedule 14 of the Planning Regulation 2017.

This map is produced at a scale relevant to the size of the lot on plan identified and should be printed at A4 size in portrait orientation. Consideration of the effects of mapped scale is necessary when interpreting data at a large scale.

For further information or assistance with interpretation of this product, please contact the Department of the Environment, Tourism, Science and Innovation, email planning.support@des.qld.gov.au.

© The State of Queensland, 2025



Map of Queensland Wetland Environmental Values

Cadastral Boundary

High ecological values waters management intent

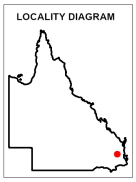
Wetlands assessed under section 7

GBR wetland of high ecological significance

Wetland of high ecological significance

Wetland of general ecological significance

Selected Lot and Plan



N

Note:
This map shows the location of wetlands on the Map of Queensland Wetland Environmental Values under the Environmental Protection (Wetland and Water Biodiversity) Policy 2019. The map also shows high ecological value waters management intent under Schedule 2 of the Environmental Protection (Water and Wetland Biodiversity) Policy 2019.

Wetlands are assessed for ecological significance using the environmental values for wetlands in section 7 of the Environmental Protection (Wetland and Water Biodiversity) Policy 2019. Wetlands are considered either High Ecological Significance (HES) or of General Ecological Significance (GES) for the purposes of the environmental values.

This map is produced at a scale relevant to the size of the lot on plan identified and should be printed at A4 size in portrait orientation. Consideration of the effects of mapped scale is necessary when interpreting data at a large scale.

For further information or assistance with interpretation of this product, please contact the Department of the Environment, Tourism, Science and Innovation, email planning.support@des.qld.gov.au.

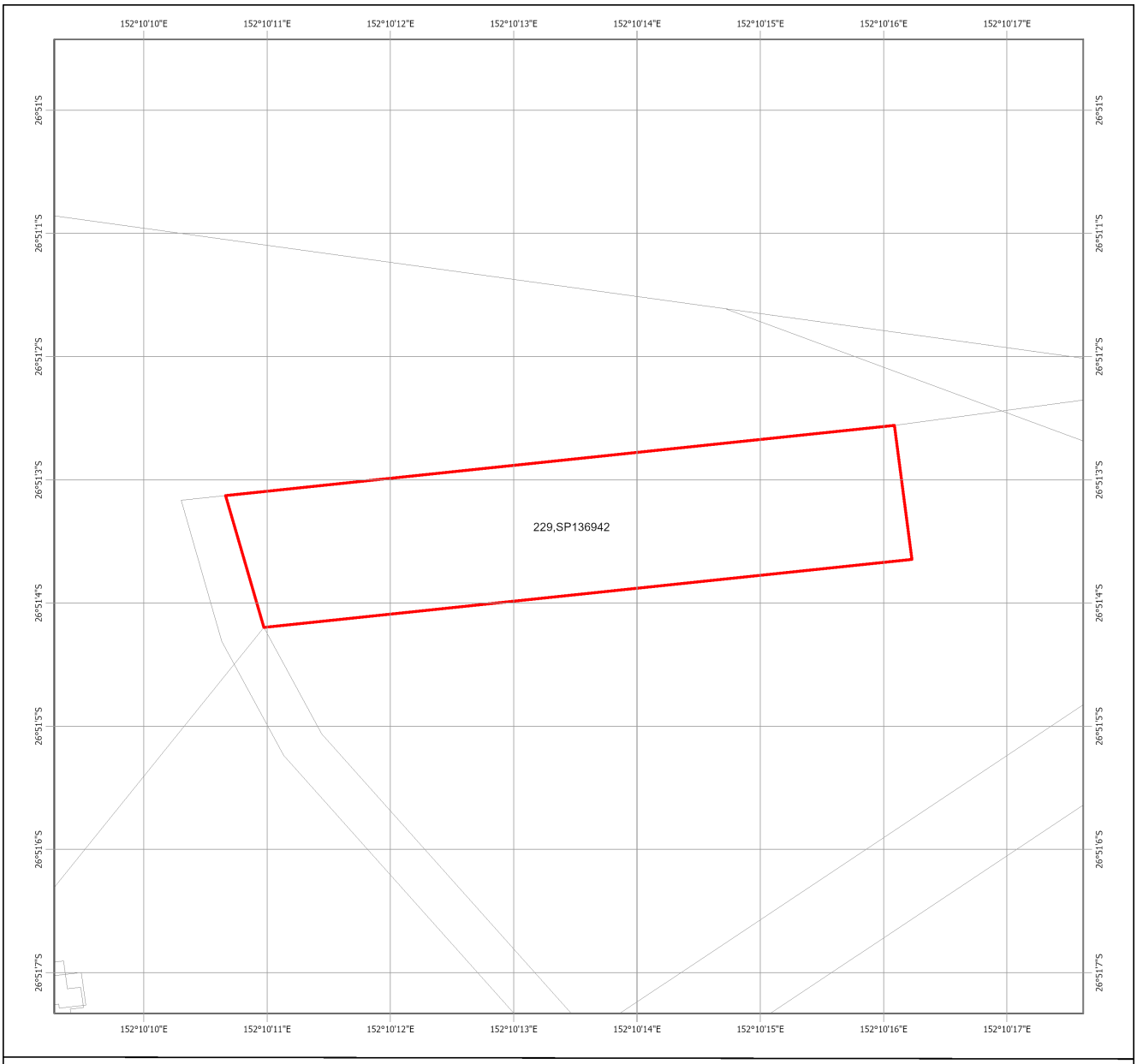
0 125 250 375 500 625 m

This product is displayed in: GDA2020

© The State of Queensland, 2025

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

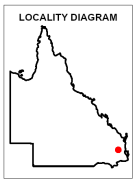
Queensland Government



Map of Great Barrier Reef Wetland Protection Areas

Cadastral Boundary
Wetland in a wetland protection area
Great Barrier Reef wetland protection area
Selected Lot and Plan

LOCALITY DIAGRAM



N

0 14 28 42 56 70 m

This product is displayed in GDA2020

Note:
This map shows the location of wetland protection areas which are defined under the Environmental Protection Regulation 2019. Within wetland protection areas, certain types of development involving high impact earthworks are made assessable under the Planning Regulation 2017.

The State Assessment and Referral Agency (SARA) is part of the State government department administering the Planning Act 2016. SARA is the assessment manager for assessable development involving high impact earthworks within wetland protection areas. The Department of the Environment, Tourism, Science and Innovation is a technical agency.

The policy outcome and assessment criteria for assessing these applications are described in the State Development Assessment Provisions (SDAP) State Code 9 : Great Barrier Reef Wetland Protection Areas.

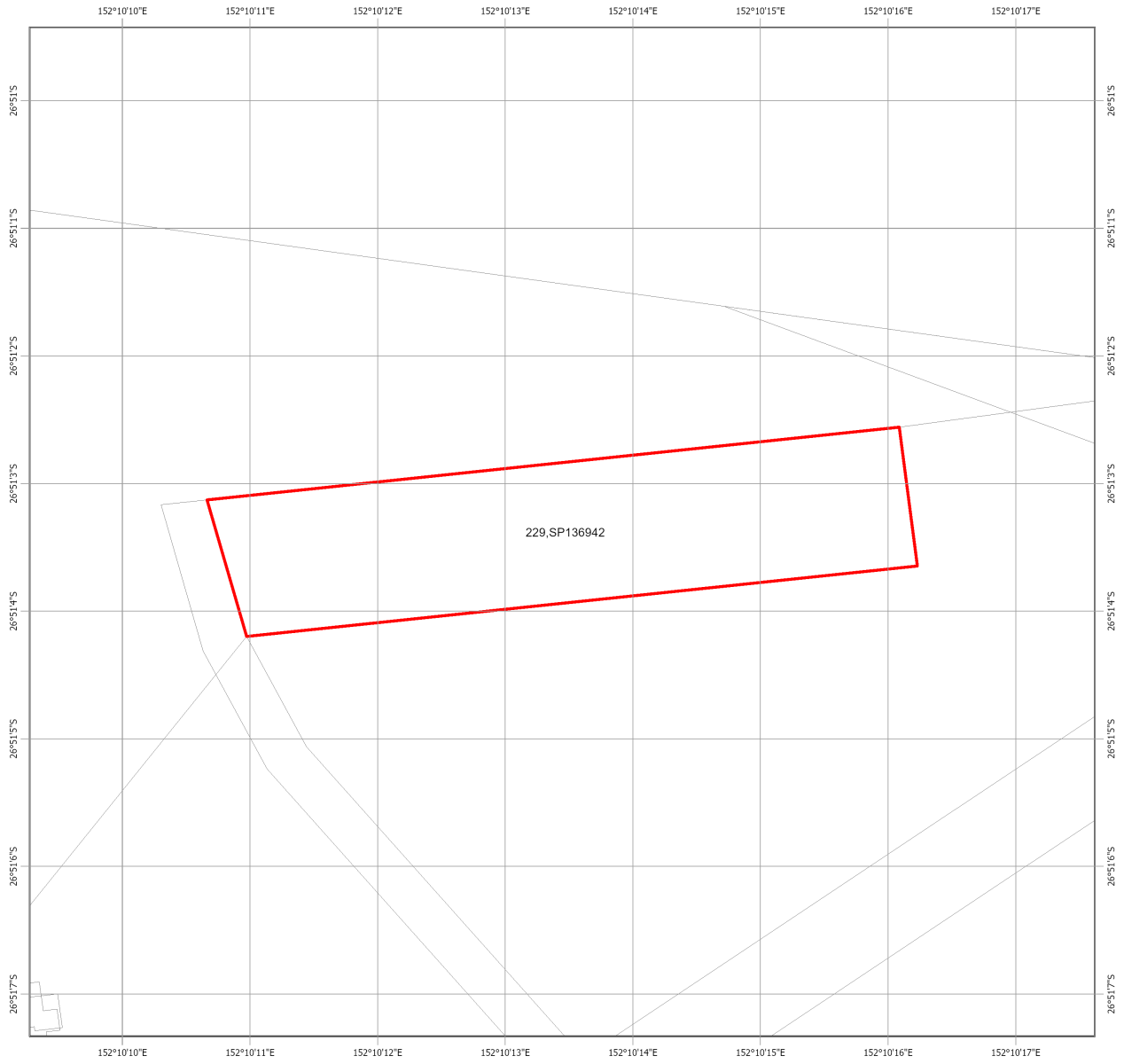
High impact earthworks carried out for electricity operating works or government supported transport infrastructure is accepted development if it complies with schedule 14 of the Planning Regulation 2017.

This map is produced at a scale relevant to the size of the lot on plan identified and should be printed at A4 size in portrait orientation. Consideration of the effects of mapped scale is necessary when interpreting data at a large scale.

For further information or assistance with interpretation of this product, please contact the Department of the Environment, Tourism, Science and Innovation, email planning.support@des.qld.gov.au.

© The State of Queensland, 2025

Queensland Government



Map of Queensland Wetland Environmental Values

Cadastral Boundary

High ecological values waters management intent

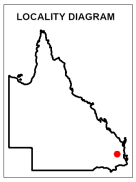
Wetlands assessed under section 7

GBR wetland of high ecological significance

Wetland of high ecological significance

Wetland of general ecological significance

Selected Lot and Plan



N

Note:
This map shows the location of wetlands on the Map of Queensland Wetland Environmental Values under the Environmental Protection (Wetland and Water Biodiversity) Policy 2019. The map also shows high ecological value waters management intent under Schedule 2 of the Environmental Protection (Water and Wetland Biodiversity) Policy 2019.

Wetlands are assessed for ecological significance using the environmental values for wetlands in section 7 of the Environmental Protection (Wetland and Water Biodiversity) Policy 2019. Wetlands are considered either High Ecological Significance (HES) or of General Ecological Significance (GES) for the purposes of the environmental values.

This map is produced at a scale relevant to the size of the lot on plan identified and should be printed at A4 size in portrait orientation. Consideration of the effects of mapped scale is necessary when interpreting data at a large scale.

For further information or assistance with interpretation of this product, please contact the Department of the Environment, Tourism, Science and Innovation, email planning.support@des.qld.gov.au.

0 14 28 42 56 70 m

This product is displayed in: GDA2020

© The State of Queensland, 2025

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Queensland Government

EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected. Please see the caveat for interpretation of information provided here.

Report created: 03-Feb-2025

Summary
Details
- Matters of NES
- Other Matters Protected by the EPBC Act
- Extra Information

Caveat
Acknowledgements

Document Set ID: 3467234
Version: 2, Version Date: 28/05/2026

Summary

Matters of National Environment Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the Administrative Guidelines on Significance.

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance (Ramsar	1
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	5
Listed Threatened Species:	53
Listed Migratory Species:	9

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at https://www.dcceew.gov.au/parks-heritage/heritage

A permit may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Lands:	None
Commonwealth Heritage Places:	None
Listed Marine Species:	20
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None
Habitat Critical to the Survival of Marine Turtles:	None

Extra Information

This part of the report provides information that may also be relevant to the area you have

State and Territory Reserves:	None
Regional Forest Agreements:	None
Nationally Important Wetlands:	None
EPBC Act Referrals:	1
Key Ecological Features (Marine):	None
Biologically Important Areas:	None
Bioregional Assessments:	None
Geological and Bioregional Assessments:	None

Details

Matters of National Environmental Significance

Wetlands of International Importance (Ramsar Wetlands) [Resource Information]

Ramsar Site Name	Proximity	Buffer Status
Moreton bay	50 - 100km upstream from Ramsar site	In feature area

Listed Threatened Ecological Communities [Resource Information]

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.
Status of Vulnerable, Disallowed and Ineligible are not MNES under the EPBC Act.

Community Name	Threatened Category	Presence Text	Buffer Status
Coastal Swamp Sclerophyll Forest of New South Wales and South East Queensland	Endangered	Community may occur within area	In buffer area only
Lowland Rainforest of Subtropical Australia	Critically Endangered	Community likely to occur within area	In feature area
Poplar Box Grassy Woodland on Alluvial Plains	Endangered	Community may occur within area	In buffer area only
Subtropical eucalypt floodplain forest and woodland of the New South Wales North Coast and South East Queensland bioregions	Endangered	Community may occur within area	In buffer area only
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland	Critically Endangered	Community may occur within area	In feature area

Listed Threatened Species [Resource Information]

Status of Conservation Dependent and Extinct are not MNES under the EPBC Act.
Number is the current name ID.

Scientific Name	Threatened Category	Presence Text	Buffer Status
BIRD			
Anthochaera phrygia			
Regent Honeyeater [82338]	Critically Endangered	Foraging, feeding or related behaviour may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Botaurus poiciloptilus](#) Australasian Bittern [1001]	Endangered	Species or species habitat may occur within area	In feature area
[Calidris acuminata](#) Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat may occur within area	In feature area
[Calidris ferruginea](#) Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
[Calyptorhynchus lathami lathami](#) South-eastern Glossy Black-Cockatoo [67036]	Vulnerable	Species or species habitat may occur within area	In feature area
[Climacteris picumnus victoriae](#) Brown Treecreeper (south-eastern) [67062]	Vulnerable	Species or species habitat may occur within area	In feature area
[Cyclopsitta diophthalma coxeni](#) Coxen's Fig-Parrot [59714]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
[Erythrotriorchis radiatus](#) Red Goshawk [942]	Endangered	Species or species habitat likely to occur within area	In feature area
[Falco hypoleucos](#) Grey Falcon [929]	Vulnerable	Species or species habitat may occur within area	In feature area
[Gallinago hardwickii](#) Latham's Snipe, Japanese Snipe [863]	Vulnerable	Species or species habitat likely to occur within area	In feature area
[Geophaps scripta scripta](#) Squatter Pigeon (southern) [64440]	Vulnerable	Species or species habitat likely to occur within area	In feature area
[Grantiella picta](#) Painted Honeyeater [470]	Vulnerable	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Hirundapus caudacutus](#) White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area
[Lathamus discolor](#) Swift Parrot [744]	Critically Endangered	Species or species habitat may occur within area	In feature area
[Rostratula australis](#) Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area	In feature area
[Stagonopleura guttata](#) Diamond Firetail [59398]	Vulnerable	Species or species habitat may occur within area	In feature area
[Turnix melanogaster](#) Black-breasted Button-quail [923]	Vulnerable	Species or species habitat known to occur within area	In feature area
MAMMAL			
[Chalinolobus dwyeri](#) Large-eared Pied Bat, Large Pied Bat [183]	Endangered	Species or species habitat may occur within area	In feature area
[Dasyurus hallucatus](#) Northern Quoll, Digul [Gogo-Yimidir], Wijingadda [Dambimangari], Wiminji [Martu] [331]	Endangered	Species or species habitat likely to occur within area	In feature area
[Dasyurus maculatus maculatus (SE mainland population)](#) Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184]	Endangered	Species or species habitat may occur within area	In feature area
[Macroderma gigas](#) Ghost Bat [174]	Vulnerable	Species or species habitat may occur within area	In feature area
[Petauroides volans](#) Greater Glider (southern and central) [254]	Endangered	Species or species habitat likely to occur within area	In feature area
[Petaurus australis australis](#) Yellow-bellied Glider (south-eastern) [87600]	Vulnerable	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Petrogale penicillata](#)			
Brush-tailed Rock-wallaby [225]	Vulnerable	Species or species habitat may occur within area	In feature area
[Phascolarctos cinereus (combined populations of Qld, NSW and the ACT)](#)			
Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104]	Endangered	Species or species habitat likely to occur within area	In feature area
[Pseudomys novaehollandiae](#)			
New Holland Mouse, Pookila [96]	Vulnerable	Species or species habitat may occur within area	In feature area
[Pteropus poliocephalus](#)			
Grey-headed Flying-fox [186]	Vulnerable	Foraging, feeding or related behaviour known to occur within area	In feature area
PLANT			
[Arthraxon hispidus](#)			
Hairy-joint Grass [9338]	Vulnerable	Species or species habitat likely to occur within area	In feature area
[Bosistoa transversa](#)			
Three-leaved Bosistoa, Yellow Satinheart [16091]	Vulnerable	Species or species habitat may occur within area	In buffer area only
[Cadellia pentastylis](#)			
Ooline [9828]	Vulnerable	Species or species habitat may occur within area	In feature area
[Coleus omissus listed as Plectranthus omissus](#)			
[91381]	Endangered	Species or species habitat may occur within area	In feature area
[Cossinia australiana](#)			
Cossinia [3066]	Endangered	Species or species habitat likely to occur within area	In feature area
[Dichanthium setosum](#)			
bluegrass [14159]	Vulnerable	Species or species habitat likely to occur within area	In feature area
[Fontainea venosa](#)			
[24040]	Vulnerable	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Haloragis exalata subsp. velutina](#) Tall Velvet Sea-berry [16839]	Vulnerable	Species or species habitat may occur within area	In feature area
[Lepidium peregrinum](#) Wandering Pepper-cress [14035]	Endangered	Species or species habitat may occur within area	In feature area
[Leuzea australis listed as Rhaponticum australe](#) Austral Cornflower, Native Thistle [9363]	Vulnerable	Species or species habitat may occur within area	In feature area
[Macadamia integrifolia](#) Macadamia Nut, Queensland Nut Tree, Smooth-shelled Macadamia, Bush Nut, Nut Oak [7326]	Vulnerable	Species or species habitat likely to occur within area	In feature area
[Notelaea lloydii](#) Lloyd's Olive [15002]	Vulnerable	Species or species habitat may occur within area	In buffer area only
[Paspalidium grandispiculatum](#) a grass [10838]	Vulnerable	Species or species habitat may occur within area	In feature area
[Phebalium distans](#) Mt Berryman Phebalium [81869]	Endangered	Species or species habitat may occur within area	In feature area
[Polianthion minutiflorum](#) [82772]	Vulnerable	Species or species habitat may occur within area	In feature area
[Rhodamnia rubescens](#) Scrub Turpentine, Brown Malletwood [15763]	Critically Endangered	Species or species habitat may occur within area	In feature area
[Rhodomyrtus psidioides](#) Native Guava [19162]	Critically Endangered	Species or species habitat may occur within area	In buffer area only
[Samadera bidwillii](#) Quassia [29708]	Vulnerable	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Sarcochilus weinthalii Blotched Sarcochilus, Weinthals Sarcanth [12673]	Vulnerable	Species or species habitat known to occur within area	In feature area
Sophora fraseri [8836]	Vulnerable	Species or species habitat may occur within area	In feature area
Thesium australe Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat may occur within area	In feature area
REPTILE			
Anomalopus mackayi Five-clawed Worm-skink, Long-legged Worm-skink [25934]	Vulnerable	Species or species habitat may occur within area	In feature area
Delma torquata Adorned Delma, Collared Delma [1656]	Vulnerable	Species or species habitat may occur within area	In feature area
Egernia rugosa Yakka Skink [1420]	Vulnerable	Species or species habitat may occur within area	In feature area
Furina dunmalli Dunmall's Snake [59254]	Vulnerable	Species or species habitat may occur within area	In feature area
Hemiaspis damelii Grey Snake [1179]	Endangered	Species or species habitat likely to occur within area	In feature area

Listed Migratory Species		[Resource Information]	
Scientific Name	Threatened Category	Presence Text	Buffer Status
Migratory Marine Birds			
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area	In feature area
Migratory Terrestrial Species			
Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Hirundapus caudacutus](#) White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area
[Motacilla flava](#) Yellow Wagtail [644]		Species or species habitat may occur within area	In feature area
Migratory Wetlands Species			
[Actitis hypoleucos](#) Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
[Calidris acuminata](#) Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat may occur within area	In feature area
[Calidris ferruginea](#) Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
[Calidris melanotos](#) Pectoral Sandpiper [858]		Species or species habitat may occur within area	In feature area
[Gallinago hardwickii](#) Latham's Snipe, Japanese Snipe [863]	Vulnerable	Species or species habitat likely to occur within area	In feature area

Other Matters Protected by the EPBC Act

Listed Marine Species			[Resource Information]
Scientific Name	Threatened Category	Presence Text	Buffer Status
Bird			
[Actitis hypoleucos](#) Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
[Anseranas semipalmata](#) Magpie Goose [978]		Species or species habitat may occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Apus pacificus](#) Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area	In feature area
[Bubulcus ibis as Ardea ibis](#) Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area	In feature area
[Calidris acuminata](#) Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat may occur within area	In feature area
[Calidris ferruginea](#) Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area overfly marine area	In feature area
[Calidris melanotos](#) Pectoral Sandpiper [858]		Species or species habitat may occur within area overfly marine area	In feature area
[Chalcites osculans as Chrysococcyx osculans](#) Black-eared Cuckoo [83425]		Species or species habitat likely to occur within area overfly marine area	In feature area
[Gallinago hardwickii](#) Latham's Snipe, Japanese Snipe [863]	Vulnerable	Species or species habitat likely to occur within area overfly marine area	In feature area
[Haliaeetus leucogaster](#) White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area	In feature area
[Hirundapus caudacutus](#) White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area overfly marine area	In feature area
[Lathamus discolor](#) Swift Parrot [744]	Critically Endangered	Species or species habitat may occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Merops ornatus](#) Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area	In feature area
[Monarcha melanopsis](#) Black-faced Monarch [609]		Species or species habitat known to occur within area overfly marine area	In feature area
[Motacilla flava](#) Yellow Wagtail [644]		Species or species habitat may occur within area overfly marine area	In feature area
[Myiagra cyanoleuca](#) Satin Flycatcher [612]		Species or species habitat known to occur within area overfly marine area	In feature area
[Pterodroma cervicalis](#) White-necked Petrel [59642]		Species or species habitat may occur within area	In feature area
[Rhipidura rufifrons](#) Rufous Fantail [592]		Species or species habitat known to occur within area overfly marine area	In feature area
[Rostratula australis as Rostratula benghalensis (sensu lato)](#) Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
[Symposiachrus trivirgatus as Monarcha trivirgatus](#) Spectacled Monarch [83946]		Species or species habitat may occur within area overfly marine area	In feature area

Extra Information

EPBC Act Referrals				[Resource Information]
Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Not controlled action				

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Not controlled action				
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed	In feature area

Caveat

1 PURPOSE

This report is designed to assist in identifying the location of matters of national environmental significance (MNES) and other matters protected by the Environment Protection and Biodiversity Conservation Act 1999 (Cth) (EPBC Act) which may be relevant in determining obligations and requirements under the EPBC Act.

The report contains the mapped locations of:

- World and National Heritage properties;
- Wetlands of International and National Importance;
- Commonwealth and State/Territory reserves;
- distribution of listed threatened, migratory and marine species;
- listed threatened ecological communities; and
- other information that may be useful as an indicator of potential habitat value.

2 DISCLAIMER

This report is not intended to be exhaustive and should only be relied upon as a general guide as mapped data is not available for all species or ecological communities listed under the EPBC Act (see below). Persons seeking to use the information contained in this report to inform the referral of a proposed action under the EPBC Act should consider the limitations noted below and whether additional information is required to determine the existence and location of MNES and other protected matters.

Where data is available to inform the mapping of protected species, the presence type (e.g. known, likely or may occur) that can be determined from the data is indicated in general terms. It is the responsibility of any person using or relying on the information in this report to ensure that it is suitable for the circumstances of any proposed use. The Commonwealth cannot accept responsibility for the consequences of any use of the report or any part thereof. To the maximum extent allowed under governing law, the Commonwealth will not be liable for any loss or damage that may be occasioned directly or indirectly through the use of, or reliance on the contents of this report.

3 DATA SOURCES

Threatened ecological communities

For threatened ecological communities where the distribution is well known, maps are generated based on information contained in recovery plans, State vegetation maps and remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species

Threatened, migratory and marine species distributions have been discerned through a variety of methods. Where distributions are well known and if time permits, distributions are inferred from either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc.) together with point locations and described habitat; or modelled (MAXENT or BIOCLIM habitat modelling) using point locations and environmental data layers.

Where little information is available for a species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc.).

In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More detailed distribution mapping methods are used to update these distributions when time permits.

4 LIMITATIONS

The following species and ecological communities have not been mapped and do not appear in this report:

- threatened species listed as extinct or considered vagrants;
- some recently listed species and ecological communities;
- some listed migratory and listed marine species, which are not listed as threatened species; and
- migratory species that are very widespread, vagrant, or only occur in Australia in small numbers.

The following groups have been mapped, but may not cover the complete distribution of the species:

- listed migratory and/or listed marine seabirds, which are not listed as threatened, have only been mapped for recorded breeding sites; and
- seals which have only been mapped for breeding sites near the Australian continent

The breeding sites may be important for the protection of the Commonwealth Marine environment.

Refer to the metadata for the feature group (using the Resource Information link) for the currency of the information.

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

-Office of Environment and Heritage, New South Wales
-Department of Environment and Primary Industries, Victoria
-Department of Primary Industries, Parks, Water and Environment, Tasmania
-Department of Environment, Water and Natural Resources, South Australia
-Department of Land and Resource Management, Northern Territory
-Department of Environmental and Heritage Protection, Queensland
-Department of Parks and Wildlife, Western Australia
-Environment and Planning Directorate, ACT
-Birdlife Australia
-Australian Bird and Bat Banding Scheme
-Australian National Wildlife Collection
-Natural history museums of Australia
-Museum Victoria
-Australian Museum
-South Australian Museum
-Queensland Museum
-Online Zoological Collections of Australian Museums
-Queensland Herbarium
-National Herbarium of NSW
-Royal Botanic Gardens and National Herbarium of Victoria
-Tasmanian Herbarium
-State Herbarium of South Australia
-Northern Territory Herbarium
-Western Australian Herbarium
-Australian National Herbarium, Canberra
-University of New England
-Ocean Biogeographic Information System
-Australian Government, Department of Defence
Forestry Corporation, NSW
-Geoscience Australia
-CSIRO
-Australian Tropical Herbarium, Cairns
-eBird Australia
-Australian Government – Australian Antarctic Data Centre
-Museum and Art Gallery of the Northern Territory
-Australian Government National Environmental Science Program
-Australian Institute of Marine Science
-Reef Life Survey Australia
-American Museum of Natural History
-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania
-Tasmanian Museum and Art Gallery, Hobart, Tasmania
-Other groups and individuals

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Please feel free to provide feedback via the Contact us page.

© Commonwealth of Australia
Department of Climate Change, Energy, the Environment and Water
GPO Box 3090
Canberra ACT 2601 Australia
+61 2 6274 1111

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Queensland Government

WildNet species list

Search Criteria: Species List for a Specified Point
Species: All
Type: All
Queensland status: All
Records: All
Date: All
Latitude: -26.8533
Longitude: 152.1730
Distance: 5
Email: maddy.warnick@rangeenviro.com.au
Date submitted: Monday 03 Feb 2025 16:26:46
Date extracted: Monday 03 Feb 2025 16:30:07

The number of records retrieved = 556

Disclaimer
Information presented on this product is distributed by the Queensland Government as an information source only. While every care is taken to ensure the accuracy of this data, the State of Queensland makes no statements, representations or warranties about the accuracy, reliability, completeness or suitability of any information contained in this product.
The State of Queensland disclaims all responsibility for information contained in this product and all liability (including liability in negligence) for all expenses, losses, damages and costs you may incur as a result of the information being inaccurate or incomplete in any way for any reason.
Information about your Species lists request is logged for quality assurance, user support and product enhancement purposes only.
The information provided should be appropriately acknowledged as being derived from WildNet database when it is used. As the WildNet Program is still in a process of collating and vetting data, it is possible the information given is not complete. Go to the WildNet database webpage (https://www.qld.gov.au/environment/plants-animals/species-information/wildnet) to find out more about WildNet and where to access other WildNet information products approved for publication. Feedback about WildNet species lists should be emailed to wildlife.online@des.qld.gov.au.

Document Set ID: 34687234
Version: 3, Version Date: 28/03/2026

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
animals	amphibians	Bufonidae	*Rhinella marina*	cane toad	Y			1
animals	amphibians	Hylidae	*Litoria balatus*	slender bleating treefrog		C		1
animals	amphibians	Hylidae	*Litoria wilcoxii*	eastern stony creek frog		C		1
animals	amphibians	Myobatrachidae	*Crinia signifera*	clicking froglet		C		1
animals	amphibians	Myobatrachidae	*Uperoleia fusca*	dusky gungan		C		1
animals	birds	Acanthizidae	*Acanthiza lineata*	striated thornbill		C		19
animals	birds	Acanthizidae	*Acanthiza nana*	yellow thornbill		C		1
animals	birds	Acanthizidae	*Acanthiza pusilla*	brown thornbill		C		19
animals	birds	Acanthizidae	*Acanthiza reguloides*	buff-rumped thornbill		C		1
animals	birds	Acanthizidae	*Gerygone mouki*	brown gerygone		C		10
animals	birds	Acanthizidae	*Gerygone olivacea*	white-throated gerygone		C		6
animals	birds	Acanthizidae	*Pyrrholaemus sagittatus*	speckled warbler		C		4
animals	birds	Acanthizidae	*Sericornis frontalis*	white-browed scrubwren		C		28
animals	birds	Acanthizidae	*Sericornis magnirostra*	large-billed scrubwren		C		31
animals	birds	Acanthizidae	*Smicrornis brevirostris*	weebill		C		2
animals	birds	Accipitridae	*Accipiter fasciatus*	brown goshawk		C		1
animals	birds	Accipitridae	*Accipiter novaehollandiae*	grey goshawk		C		1
animals	birds	Accipitridae	*Aquila audax*	wedge-tailed eagle		C		2
animals	birds	Accipitridae	*Aviceda subcristata*	Pacific baza		C		1
animals	birds	Aegothelidae	*Aegotheles cristatus*	Australian owlet-nightjar		C		3
animals	birds	Alcedinidae	*Dacelo novaeguineae*	laughing kookaburra		C		12
animals	birds	Alcedinidae	*Todiramphus macleayii*	forest kingfisher		C		1
animals	birds	Alcedinidae	*Todiramphus sanctus*	sacred kingfisher		C		8
animals	birds	Anatidae	*Anas superciliosa*	Pacific black duck		C		2
animals	birds	Anatidae	*Chenonetta jubata*	Australian wood duck		C		4
animals	birds	Apodidae	*Apus pacificus*	fork-tailed swift		SL		1
animals	birds	Ardeidae	*Ardea pacifica*	white-necked heron		C		1
animals	birds	Ardeidae	*Egretta novaehollandiae*	white-faced heron		C		1
animals	birds	Artamidae	*Artamus cinereus*	black-faced woodswallow		C		1
animals	birds	Artamidae	*Artamus leucorynchus*	white-breasted woodswallow		C		1
animals	birds	Artamidae	*Cracticus nigrogularis*	pied butcherbird		C		8
animals	birds	Artamidae	*Cracticus torquatus*	grey butcherbird		C		2
animals	birds	Artamidae	*Gymnorhina tibicen*	Australian magpie		C		13
animals	birds	Artamidae	*Strepera graculina*	pied currawong		C		20
animals	birds	Cacatuidae	*Cacatua galerita*	sulphur-crested cockatoo		C		4
animals	birds	Cacatuidae	*Calyptorhynchus banksii*	red-tailed black-cockatoo		C		1
animals	birds	Cacatuidae	*Calyptorhynchus lathami lathami*	glossy black-cockatoo (eastern)		V	V	2
animals	birds	Cacatuidae	*Eolophus roseicapilla*	galah		C		3
animals	birds	Cacatuidae	*Zanda funerea*	yellow-tailed black-cockatoo		C		4
animals	birds	Campephagidae	*Coracina lineata*	barred cuckoo-shrike		C		1
animals	birds	Campephagidae	*Coracina novaehollandiae*	black-faced cuckoo-shrike		C		7
animals	birds	Campephagidae	*Coracina papuensis*	white-bellied cuckoo-shrike		C		3
animals	birds	Campephagidae	*Lalage leucomela*	varied triller		C		4
animals	birds	Charadriidae	*Vanellus miles novaehollandiae*	masked lapwing (southern subspecies)		C		2
animals	birds	Climacteridae	*Cormobates leucophaea*	white-throated treecreeper		C		3
animals	birds	Climacteridae	*Cormobates leucophaea metastasis*	white-throated treecreeper (southern)		C		12

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
animals	birds	Columbidae	*Chalcophaps longirostris*	Pacific emerald dove		C		1
animals	birds	Columbidae	*Geopelia humeralis*	bar-shouldered dove		C		4
animals	birds	Columbidae	*Geopelia placida*	peaceful dove		C		3
animals	birds	Columbidae	*Leucosarcia melanoleuca*	wonga pigeon		C		2
animals	birds	Columbidae	*Ocyphaps lophotes*	crested pigeon		C		3
animals	birds	Columbidae	*Phaps chalcoptera*	common bronzewing		C		1
animals	birds	Coraciidae	*Eurystomus orientalis*	dollarbird		C		1
animals	birds	Corvidae	*Corvus coronoides*	Australian raven		C		1
animals	birds	Corvidae	*Corvus orru*	Torresian crow		C		19
animals	birds	Cuculidae	*Cacomantis flabelliformis*	fan-tailed cuckoo		C		4
animals	birds	Cuculidae	*Cacomantis variolosus*	brush cuckoo		C		2
animals	birds	Cuculidae	*Centropus phasianinus*	pheasant coucal		C		1
animals	birds	Cuculidae	*Chalcites lucidus*	shining bronze-cuckoo		C		1
animals	birds	Dicaeidae	*Dicaeum hirundinaceum*	mistletoebird		C		2
animals	birds	Dicruridae	*Dicrurus bracteatus*	spangled drongo		C		2
animals	birds	Estrildidae	*Neochmia temporalis*	red-browed finch		C		23
animals	birds	Estrildidae	*Taeniopygia bichenovii*	double-barred finch		C		4
animals	birds	Falcunculidae	*Falcunculus frontatus*	crested shrike-tit		C		4
animals	birds	Locustellidae	*Cincloramphus mathewsi*	rufous songlark		C		2
animals	birds	Maluridae	*Malurus cyaneus*	superb fairy-wren		C		11
animals	birds	Maluridae	*Malurus lamberti*	variegated fairy-wren		C		22
animals	birds	Maluridae	*Malurus melanocephalus*	red-backed fairy-wren		C		5
animals	birds	Megapodiidae	*Alectura lathami*	Australian brush-turkey		C		7
animals	birds	Meliphagidae	*Acanthorhynchus tenuirostris*	eastern spinebill		C		10
animals	birds	Meliphagidae	*Caligavis chrysops*	yellow-faced honeyeater		C		27
animals	birds	Meliphagidae	*Lichenostomus melanops*	yellow-tufted honeyeater		C		1
animals	birds	Meliphagidae	*Lichmera indistincta*	brown honeyeater		C		3
animals	birds	Meliphagidae	*Manorina melanocephala*	noisy miner		C		6
animals	birds	Meliphagidae	*Manorina melanophrys*	bell miner		C		7
animals	birds	Meliphagidae	*Meliphaga lewinii*	Lewin's honeyeater		C		50
animals	birds	Meliphagidae	*Melithreptus albogularis*	white-throated honeyeater		C		2
animals	birds	Meliphagidae	*Melithreptus brevirostris*	brown-headed honeyeater		C		1
animals	birds	Meliphagidae	*Melithreptus lunatus*	white-naped honeyeater		C		2
animals	birds	Meliphagidae	*Myzomela sanguinolenta*	scarlet honeyeater		C		9
animals	birds	Meliphagidae	*Philemon citreogularis*	little friarbird		C		1
animals	birds	Meliphagidae	*Philemon corniculatus*	noisy friarbird		C		13
animals	birds	Meropidae	*Merops ornatus*	rainbow bee-eater		C		3
animals	birds	Monarchidae	*Carterornis leucotis*	white-eared monarch		C		2
animals	birds	Monarchidae	*Grallina cyanoleuca*	magpie-lark		C		9
animals	birds	Monarchidae	*Monarcha melanopsis*	black-faced monarch		C		4
animals	birds	Monarchidae	*Myiagra cyanoleuca*	satin flycatcher		C		1
animals	birds	Monarchidae	*Myiagra rubecula*	leaden flycatcher		C		8
animals	birds	Motacillidae	*Anthus novaeseelandiae*	Australasian pipit		C		1
animals	birds	Neosittidae	*Daphoenositta chrysoptera*	varied sittella		C		2
animals	birds	Oriolidae	*Oriolus sagittatus*	olive-backed oriole		C		3
animals	birds	Oriolidae	*Sphecotheres vieilloti*	Australasian figbird		C		1

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
animals	birds	Pachycephalidae	*Colluricincla harmonica*	grey shrike-thrush		C		7
animals	birds	Pachycephalidae	*Colluricincla megarhyncha*	little shrike-thrush		C		4
animals	birds	Pachycephalidae	*Pachycephala pectoralis*	golden whistler		C		26
animals	birds	Pachycephalidae	*Pachycephala rufiventris*	rufous whistler		C		6
animals	birds	Pardalotidae	*Pardalotus punctatus*	spotted pardalote		C		10
animals	birds	Pardalotidae	*Pardalotus striatus*	striated pardalote		C		5
animals	birds	Petroicidae	*Eopsaltria australis*	eastern yellow robin		C		29
animals	birds	Petroicidae	*Microeca fascinans*	jacky winter		C		2
animals	birds	Pittidae	*Pitta versicolor*	noisy pitta		C		1
animals	birds	Podargidae	*Podargus strigoides*	tawny frogmouth		C		3
animals	birds	Pomatostomidae	*Pomatostomus temporalis*	grey-crowned babbler		C		1
animals	birds	Psittaculidae	*Alisterus scapularis*	Australian king-parrot		C		3
animals	birds	Psittaculidae	*Melopsittacus undulatus*	budgerigar		C		1
animals	birds	Psittaculidae	*Parvipsitta pusilla*	little lorikeet		C		4
animals	birds	Psittaculidae	*Platycercus adscitus*	pale-headed rosella		C		6
animals	birds	Psittaculidae	*Psephotus haematonotus*	red-rumped parrot		C		1
animals	birds	Psittaculidae	*Trichoglossus chlorolepidotus*	scaly-breasted lorikeet		C		11
animals	birds	Psittaculidae	*Trichoglossus moluccanus*	rainbow lorikeet		C		10
animals	birds	Psophodidae	*Psophodes olivaceus*	eastern whipbird		C		19
animals	birds	Ptilonorhynchidae	*Ailuroedus crassirostris*	green catbird		C		2
animals	birds	Ptilonorhynchidae	*Ptilonorhynchus violaceus*	satin bowerbird		C		4
animals	birds	Ptilonorhynchidae	*Sericulus chrysocephalus*	regent bowerbird		C		5
animals	birds	Rhipiduridae	*Rhipidura albiscapa*	grey fantail		C		25
animals	birds	Rhipiduridae	*Rhipidura leucophrys*	willie wagtail		C		6
animals	birds	Rhipiduridae	*Rhipidura rufifrons*	rufous fantail		C		6
animals	birds	Strigidae	*Ninox boobook*	southern boobook		C		2
animals	birds	Strigidae	*Ninox connivens*	barking owl		C		1
animals	birds	Strigidae	*Ninox strenua*	powerful owl		V		3
animals	birds	Threskiornithidae	*Threskiornis spinicollis*	straw-necked ibis		C		2
animals	birds	Turnicidae	*Turnix melanogaster*	black-breasted button-quail		V	V	9
animals	birds	Zosteropidae	*Zosterops lateralis*	silvereye		C		51
animals	insects	Formicidae	*Iridomyrmex purpureus*					2
animals	insects	Lycaenidae	*Jalmenus evagoras*	imperial hairstreak				1
animals	mammals	Dasyuridae	*Phascogale tapoatafa tapoatafa*	brush-tailed phascogale		C		1
animals	mammals	Leporidae	*Lepus europaeus*	European brown hare	Y			1
animals	mammals	Macropodidae	*Notamacropus dorsalis*	black-striped wallaby		C		1
animals	mammals	Macropodidae	*Notamacropus rufogriseus*	red-necked wallaby		C		3
animals	mammals	Macropodidae	*Thylogale sp.*			C		1
animals	mammals	Macropodidae	*Thylogale thetis*	red-necked pademelon		C		1
animals	mammals	Muridae	*Rattus fuscipes*	bush rat		C		1
animals	mammals	Peramelidae	*Perameles nasuta*	long-nosed bandicoot		C		1
animals	mammals	Petauridae	*Petaurus australis australis*	yellow-bellied glider (southern subspecies)		V	V	2
animals	mammals	Petauridae	*Petaurus breviceps*	sugar glider		C		3
animals	mammals	Petauridae	*Petaurus norfolcensis*	squirrel glider		C		2
animals	mammals	Phalangeridae	*Trichosurus vulpecula*	common brushtail possum		C		5

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
animals	mammals	Phascolarctidae	*Phascolarctos cinereus*	koala		E	E	5
animals	mammals	Pseudocheiridae	*Pseudocheirus peregrinus*	common ringtail possum		C		2
animals	reptiles	Agamidae	*Pogona barbata*	bearded dragon		C		2
animals	reptiles	Boidae	*Morelia spilota*	carpet python		C		1
animals	reptiles	Scincidae	*Calyptotis scutirostrum*	scute-snouted calyptotis		C		1
animals	reptiles	Scincidae	*Lampropholis delicata*	dark-flecked garden sunskink		C		1
animals	reptiles	Typhlopidae	*Anilios proximus*	proximus blind snake		C		1/1
animals	reptiles	Varanidae	*Varanus varius*	lace monitor		C		4
animals	uncertain	Indeterminate	*Indeterminate*	Unknown or Code Pending				16
fungi	Agaricomycetes	Agaricaceae	*Agaricus austrovinaceus*			C		1/1
fungi	Agaricomycetes	Agaricaceae	*Lepiota*					3/3
fungi	Agaricomycetes	Agaricaceae	*Leucocoprinus*					1/1
fungi	Agaricomycetes	Agaricaceae	*Morganella subincarnata*			C		1
fungi	Agaricomycetes	Amanitaceae	*Amanita xanthocephala*			C		2/2
fungi	Agaricomycetes	Boletaceae	*Austroboletus lacunosus*			C		1/1
fungi	Agaricomycetes	Boletaceae	*Boletellus emodensis*			C		1/1
fungi	Agaricomycetes	Boletinellaceae	*Phlebopus marginatus*			C		1/1
fungi	Agaricomycetes	Cantharellaceae	*Cantharellus melanoxeros*			C		1/1
fungi	Agaricomycetes	Clavariaceae	*Clavaria*					1/1
fungi	Agaricomycetes	Clavulinaceae	*Clavulina leveillei*			C		1/1
fungi	Agaricomycetes	Corticiaceae	*Corticium*			C		1/1
fungi	Agaricomycetes	Cortinariaceae	*Cortinarius*					7/7
fungi	Agaricomycetes	Entolomataceae	*Entoloma*					2/2
fungi	Agaricomycetes	Fomitopsidaceae	*Fomitopsis lilacinogilva*			C		1/1
fungi	Agaricomycetes	Fomitopsidaceae	*Piptoporus australiensis*			C		1/1
fungi	Agaricomycetes	Ganodermataceae	*Ganoderma australe*			C		2/2
fungi	Agaricomycetes	Gomphaceae	*Ramaria*			C		1/1
fungi	Agaricomycetes	Hydnaceae	*Hydnum repandum*			C		2/2
fungi	Agaricomycetes	Hydnangiaceae	*Laccaria*					1/1
fungi	Agaricomycetes	Hydnangiaceae	*Laccaria lateritia*			C		1/1
fungi	Agaricomycetes	Hymenochaetaceae	*Fomitiporia robusta*			C		1/1
fungi	Agaricomycetes	Hymenochaetaceae	*Phellinus*					9/9
fungi	Agaricomycetes	Inocybaceae	*Inocybe*			C		3/3
fungi	Agaricomycetes	Inocybaceae	*Inocybe australiensis*			C		1/1
fungi	Agaricomycetes	Omphalotaceae	*Marasmiellus*					1/1
fungi	Agaricomycetes	Podoscyphaceae	*Cymatoderma elegans*			C		1
fungi	Agaricomycetes	Polyporaceae	*Hexagonia*					1/1
fungi	Agaricomycetes	Polyporaceae	*Laccocephalum tumulosum*			C		1/1
fungi	Agaricomycetes	Polyporaceae	*Laetiporus portentosus*			C		1
fungi	Agaricomycetes	Polyporaceae	*Microporus*					1/1
fungi	Agaricomycetes	Polyporaceae	*Panus fasciatus*			C		1/1
fungi	Agaricomycetes	Russulaceae	*Lactarius*			C		2/2
fungi	Agaricomycetes	Russulaceae	*Lactifluus clarkeae*			C		1/1
fungi	Agaricomycetes	Russulaceae	*Russula*			C		3/3
fungi	Agaricomycetes	Russulaceae	*Russula erumpens*			C		1/1
fungi	Agaricomycetes	Russulaceae	*Russula purpureoflava*			C		2/2

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
fungi	Agaricomycetes	Schizoporaceae	*Oxyporus*					1/1
fungi	Agaricomycetes	Strophariaceae	*Stropharia*					1/1
fungi	Agaricomycetes	Tricholomataceae	*Clitocybe*					2/2
fungi	Agaricomycetes	Tricholomataceae	*Clitocybe paraditopa*			C		1/1
fungi	Agaricomycetes	Tricholomataceae	*Lepista*					1/1
fungi	Agaricomycetes	Tricholomataceae	*Mycena pura*			C		1/1
fungi	Dacrymycetes	Dacrymycetaceae	*Calocera guepinioides*			C		1/1
fungi	arthoniomycetes	Roccellaceae	*Enterographa*					1/1
fungi	arthoniomycetes	Roccellaceae	*Lecanactis*					1/1
fungi	arthoniomycetes	Roccellaceae	*Opegrapha*					1/1
fungi	lecanoromycetes	Brigantiaeaceae	*Brigantiaea tricolor*			C		1/1
fungi	lecanoromycetes	Caliciaceae	*Dirinaria picta*			C		1/1
fungi	lecanoromycetes	Coenogoniaceae	*Coenogonium luteum*			C		2/2
fungi	lecanoromycetes	Haematommataceae	*Haematomma collatum*			C		1/1
fungi	lecanoromycetes	Letrouitiaceae	*Letrouitia*					1/1
fungi	lecanoromycetes	Parmeliaceae	*Usnea angulata*			C		2/2
fungi	lecanoromycetes	Parmeliaceae	*Usnea baileyi*			C		3/3
fungi	lecanoromycetes	Parmeliaceae	*Usnea dasaea*			C		1/1
fungi	lecanoromycetes	Parmeliaceae	*Usnea himantodes*			C		2/2
fungi	lecanoromycetes	Parmeliaceae	*Usnea mekista*			C		1/1
fungi	lecanoromycetes	Parmeliaceae	*Usnea molliuscula subsp. queenslandica*			C		2/2
fungi	lecanoromycetes	Parmeliaceae	*Usnea rubicunda*			C		3/3
fungi	lecanoromycetes	Pertusariaceae	*Pertusaria pertractata*			C		1/1
fungi	lecanoromycetes	Pilocarpaceae	*Byssoloma*					1/1
fungi	lecanoromycetes	Porinaceae	*Porina*					1/1
fungi	lecanoromycetes	Porinaceae	*Porina nucula*			C		1/1
fungi	lecanoromycetes	Ramalinaceae	*Bacidia millegrana*			C		2/2
fungi	sordariomycetes	Cordycipitaceae	*Cordyceps militaris*			C		1/1
fungi	sordariomycetes	Xylariaceae	*Biscogniauxia*					1/1
fungi	sordariomycetes	Xylariaceae	*Hypoxylon*					4/4
fungi	sordariomycetes	Xylariaceae	*Hypoxylon rubiginosum var. rubiginosum*			C		2/2
fungi	sordariomycetes	Xylariaceae	*Xylaria*					1/1
plants	land plants	Acanthaceae	*Harnieria hygrophiloides*	white karambal		C		1
plants	land plants	Acanthaceae	*Pseuderanthemum tenellum*			C		1/1
plants	land plants	Acanthaceae	*Pseuderanthemum variabile*	pastel flower		C		1
plants	land plants	Aizoaceae	*Tetragonia tetragonoides*	New Zealand spinach		C		1
plants	land plants	Amaranthaceae	*Deeringia amaranthoides*	redberry		C		2/1
plants	land plants	Amaranthaceae	*Nyssanthes diffusa*	barbed-wire weed		C		1
plants	land plants	Amaryllidaceae	*Proiphys cunninghamii*	Moreton Bay lily		SL		3
plants	land plants	Anacardiaceae	*Euroschinus falcata var. falcata*			C		1
plants	land plants	Anacardiaceae	*Rhodosphaera rhodanthema*	tulip satinwood		C		2/1
plants	land plants	Annonaceae	*Melodorum leichhardtii*			C		1
plants	land plants	Apiaceae	*Centella asiatica*			C		1
plants	land plants	Apocynaceae	*Alstonia constricta*	bitterbark		C		1
plants	land plants	Apocynaceae	*Alyxia ruscifolia*			C		4
plants	land plants	Apocynaceae	*Asclepias curassavica*	red-head cottonbush	Y			1

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
plants	land plants	Apocynaceae	*Carissa ovata*	currantbush		C		3
plants	land plants	Apocynaceae	*Hoya australis subsp. australis*			C		1/1
plants	land plants	Apocynaceae	*Leichhardtia lloydii*			C		1
plants	land plants	Apocynaceae	*Leichhardtia micradenia*			C		2/2
plants	land plants	Apocynaceae	*Leichhardtia rostrata*			C		1
plants	land plants	Apocynaceae	*Parsonsia brisbanensis*	broad-leaved monkey vine		C		2
plants	land plants	Apocynaceae	*Parsonsia lanceolata*	northern silkpod		C		2/1
plants	land plants	Apocynaceae	*Parsonsia leichhardtii*	black silkpod		C		1
plants	land plants	Apocynaceae	*Parsonsia longipetiolata*			C		1
plants	land plants	Apocynaceae	*Parsonsia rotata*	veinless silkpod		C		2/1
plants	land plants	Apocynaceae	*Parsonsia straminea*	monkey rope		C		2/1
plants	land plants	Apocynaceae	*Parsonsia velutina*	hairy silkpod		C		1
plants	land plants	Apocynaceae	*Secamone elliptica*			C		2/1
plants	land plants	Apocynaceae	*Vincetoxicum grandiflorum*			C		4/1
plants	land plants	Apocynaceae	*Vincetoxicum ovatum*			C		2
plants	land plants	Araceae	*Gymnostachys anceps*	settler's flax		C		1
plants	land plants	Araliaceae	*Hydrocotyle laxiflora*	stinking pennywort		C		2/1
plants	land plants	Araliaceae	*Polyscias elegans*	celery wood		C		1
plants	land plants	Araucariaceae	*Araucaria cunninghamii var. cunninghamii*			C		2
plants	land plants	Aristolochiaceae	*Aristolochia meridionalis subsp. meridionalis*			C		1
plants	land plants	Aspleniaceae	*Asplenium attenuatum*	walking fern		C		1
plants	land plants	Asteraceae	*Ageratum houstonianum*	blue billygoat weed	Y			2/1
plants	land plants	Asteraceae	*Asteraceae*					1
plants	land plants	Asteraceae	*Baccharis halimifolia*	groundsel bush	Y			1
plants	land plants	Asteraceae	*Calotis cuneifolia*	burr daisy		C		1
plants	land plants	Asteraceae	*Calotis lappulacea*	yellow burr daisy		C		1/1
plants	land plants	Asteraceae	*Carduus thoermeri*	nodding thistle	Y			2/2
plants	land plants	Asteraceae	*Cassinia laevis*			C		1
plants	land plants	Asteraceae	*Centipeda minima subsp. minima*			C		1/1
plants	land plants	Asteraceae	*Centratherum riparium*			C		1
plants	land plants	Asteraceae	*Cirsium vulgare*	spear thistle	Y			1
plants	land plants	Asteraceae	*Crassocephalum crepidioides*	thickhead	Y			1
plants	land plants	Asteraceae	*Cyanthillium cinereum*			C		1
plants	land plants	Asteraceae	*Dimorphotheca ecklonis*		Y			1
plants	land plants	Asteraceae	*Eclipta platyglossa*			C		1/1
plants	land plants	Asteraceae	*Erigeron bonariensis*		Y			1
plants	land plants	Asteraceae	*Hypochaeris radicata*	catsear	Y			1
plants	land plants	Asteraceae	*Lagenophora sublyrata*			C		1
plants	land plants	Asteraceae	*Ozothamnus diosmifolius*	white dogwood		C		1
plants	land plants	Asteraceae	*Peripleura hispidula var. hispidula*			C		1/1
plants	land plants	Asteraceae	*Pterocaulon redolens*			C		1/1
plants	land plants	Asteraceae	*Senecio madagascariensis*	fireweed	Y			1/1
plants	land plants	Asteraceae	*Sonchus oleraceus*	common sowthistle	Y			1/1
plants	land plants	Asteraceae	*Tagetes minuta*	stinking roger	Y			1
plants	land plants	Asteraceae	*Vittadinia cuneata var. hirsuta*			C		1
plants	land plants	Asteraceae	*Xerochrysum bracteatum subsp. (North Stradbroke Island L.Durrington 675)*			C		2

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
plants	land plants	Asteraceae	*Youngia japonica*			C		1
plants	land plants	Asteraceae	*Zinnia peruviana*	wild zinnia	Y			1/1
plants	land plants	Bignoniaceae	*Dolichandra unguis-cati*	cat's claw creeper	Y			1
plants	land plants	Bignoniaceae	*Pandorea*					1
plants	land plants	Bignoniaceae	*Pandorea jasminoides*			C		3/1
plants	land plants	Blechnaceae	*Blechnum neohollandicum*			C		1
plants	land plants	Boraginaceae	*Heliotropium amplexicaule*	blue heliotrope	Y			2/1
plants	land plants	Campanulaceae	*Lobelia purpurascens*	white root		SL		1
plants	land plants	Campanulaceae	*Wahlenbergia*					2
plants	land plants	Cannabaceae	*Aphananthe philippinensis*			C		1
plants	land plants	Cannabaceae	*Trema tomentosa*			C		1
plants	land plants	Capparaceae	*Capparis arborea*	brush caper berry		C		1
plants	land plants	Capparaceae	*Capparis sarmentosa*	scrambling caper		C		4
plants	land plants	Casuarinaceae	*Allocasuarina torulosa*			C		3
plants	land plants	Celastraceae	*Celastrus subspicata*	large-leaved staffvine		C		3
plants	land plants	Celastraceae	*Denhamia bilocularis*			C		2
plants	land plants	Celastraceae	*Denhamia disperma*			C		2
plants	land plants	Celastraceae	*Denhamia pittosporoides subsp. pittosporoides*			C		3
plants	land plants	Celastraceae	*Denhamia silvestris*			C		3
plants	land plants	Chenopodiaceae	*Einadia hastata*			C		2
plants	land plants	Commelinaceae	*Aneilema acuminatum*			C		1
plants	land plants	Convolvulaceae	*Dichondra repens*	kidney weed		C		1
plants	land plants	Convolvulaceae	*Polymeria calycina*	pink bindweed		C		1/1
plants	land plants	Cucurbitaceae	*Diplocyclos palmatus subsp. palmatus*			C		1
plants	land plants	Cyperaceae	*Cyperus*					2
plants	land plants	Cyperaceae	*Cyperus bowmanni*			C		1/1
plants	land plants	Cyperaceae	*Cyperus fulvus*			C		1/1
plants	land plants	Cyperaceae	*Cyperus gracilis*			C		1
plants	land plants	Cyperaceae	*Cyperus mirus*			C		1/1
plants	land plants	Cyperaceae	*Cyperus squarrosus*	bearded flatsedge		C		1/1
plants	land plants	Cyperaceae	*Cyperus tetraphyllus*			C		1
plants	land plants	Cyperaceae	*Fimbristylis dichotoma*	common fringe-rush		C		1/1
plants	land plants	Cyperaceae	*Gahnia aspera*			C		1
plants	land plants	Cyperaceae	*Lepidosperma laterale*			C		1
plants	land plants	Dilleniaceae	*Hibbertia aspera*			C		1
plants	land plants	Dilleniaceae	*Hibbertia linearis*			C		1
plants	land plants	Dioscoreaceae	*Dioscorea transversa*	native yam		C		1
plants	land plants	Dryopteridaceae	*Parapolystichum microsorum*			SL		1
plants	land plants	Ebenaceae	*Diospyros geminata*	scaly ebony		C		2
plants	land plants	Entodontaceae	*Entodon mackaviensis*			C		2/2
plants	land plants	Ericaceae	*Styphelia sieberi*			C		8
plants	land plants	Euphorbiaceae	*Acalypha capillipes*	small-leaved acalypha		C		3/1
plants	land plants	Euphorbiaceae	*Acalypha nemorum*	hairy acalypha		C		2
plants	land plants	Euphorbiaceae	*Alchornea ilicifolia*	native holly		C		3
plants	land plants	Euphorbiaceae	*Claoxylon australe*	brittlewood		C		1
plants	land plants	Euphorbiaceae	*Croton acronychioides*	thick-leaved croton		C		3/1

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
plants	land plants	Euphorbiaceae	*Croton insularis*	Queensland cascarilla		C		2
plants	land plants	Euphorbiaceae	*Croton phebalioides*	narrow-leaved croton		C		1/1
plants	land plants	Euphorbiaceae	*Excoecaria dallachyana*	scrub poison tree		C		1
plants	land plants	Euphorbiaceae	*Mallotus claoxyloides*	green kamala		C		3/1
plants	land plants	Euphorbiaceae	*Mallotus philippensis*	red kamala		C		1
plants	land plants	Euphorbiaceae	*Tragia novae-hollandiae*	stinging-vine		C		3/1
plants	land plants	Goodeniaceae	*Goodenia bellidifolia subsp. argentea*			C		1/1
plants	land plants	Goodeniaceae	*Goodenia rotundifolia*			C		1
plants	land plants	Hemerocallidaceae	*Dianella*					1
plants	land plants	Hemerocallidaceae	*Dianella caerulea*			C		1
plants	land plants	Hemerocallidaceae	*Geitonoplesium cymosum forma album*			C		1
plants	land plants	Hypericaceae	*Hypericum gramineum*			C		2
plants	land plants	Lamiaceae	*Clerodendrum*					1
plants	land plants	Lamiaceae	*Clerodendrum floribundum*			C		1
plants	land plants	Lamiaceae	*Clerodendrum tomentosum*			C		1
plants	land plants	Lamiaceae	*Coleus australis*			C		1
plants	land plants	Lamiaceae	*Salvia coccinea*	red salvia	Y			2
plants	land plants	Lamiaceae	*Salvia reflexa*		Y			1/1
plants	land plants	Lamiaceae	*Teucrium argutum*			C		2
plants	land plants	Lamiaceae	*Teucrium junceum*			C		2
plants	land plants	Lauraceae	*Cryptocarya*					1
plants	land plants	Lauraceae	*Cryptocarya triplinervis var. pubens*			C		1
plants	land plants	Laxmanniaceae	*Cordyline petiolaris*	large-leaved palm lily		C		1
plants	land plants	Laxmanniaceae	*Eustrephus latifolius subforma fimbriatus*			C		1
plants	land plants	Leguminosae	*Acacia concurrens*			C		1/1
plants	land plants	Leguminosae	*Acacia disparrima subsp. disparrima*			C		2
plants	land plants	Leguminosae	*Acacia falcata*	sickle wattle		C		3/1
plants	land plants	Leguminosae	*Acacia glaucocarpa*	hickory wattle		C		3
plants	land plants	Leguminosae	*Acacia irrorata subsp. irrorata*			C		3/1
plants	land plants	Leguminosae	*Acacia leiocalyx subsp. leiocalyx*			C		3
plants	land plants	Leguminosae	*Acacia maidenii*	Maiden's wattle		C		2
plants	land plants	Leguminosae	*Acacia penninervis*			C		1
plants	land plants	Leguminosae	*Acacia salicina*	doolan		C		1/1
plants	land plants	Leguminosae	*Austrosteenisia blackii var. blackii*			C		2/1
plants	land plants	Leguminosae	*Chamaecrista rotundifolia var. rotundifolia*		Y			1/1
plants	land plants	Leguminosae	*Crotalaria lanceolata subsp. lanceolata*		Y			1
plants	land plants	Leguminosae	*Desmodium gunnii*			C		1
plants	land plants	Leguminosae	*Desmodium rhytidophyllum*			C		2
plants	land plants	Leguminosae	*Erythrina numerosa*			C		4/4
plants	land plants	Leguminosae	*Glycine clandestina*			C		1
plants	land plants	Leguminosae	*Glycine tabacina*	glycine pea		C		1
plants	land plants	Leguminosae	*Hardenbergia violacea*			C		2
plants	land plants	Leguminosae	*Indigofera australis subsp. australis*			C		6
plants	land plants	Leguminosae	*Isotropis filicaulis*			C		1
plants	land plants	Leguminosae	*Jacksonia scoparia*			C		2
plants	land plants	Leguminosae	*Macroptilium lathyroides var. semierectum*		Y			1

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
plants	land plants	Leguminosae	*Mezoneuron scortechinii*			C		3/1
plants	land plants	Leguminosae	*Senna pendula var. glabrata*	Easter cassia	Y			3
plants	land plants	Leguminosae	*Senna sophera*			C		1
plants	land plants	Leguminosae	*Senna sophera var. sophera*			C		1/1
plants	land plants	Leguminosae	*Solori involuta*			C		1/1
plants	land plants	Loganiaceae	*Strychnos psilosperma*	strychnine tree		C		2
plants	land plants	Loranthaceae	*Amyema miquelii*			C		1
plants	land plants	Loranthaceae	*Dendrophthoe vitellina*	long-flowered mistletoe		C		1/1
plants	land plants	Malvaceae	*Abutilon oxycarpum*			C		2
plants	land plants	Malvaceae	*Hibiscus heterophyllus*			C		2
plants	land plants	Malvaceae	*Malvastrum americanum var. stellatum*			C		1
plants	land plants	Malvaceae	*Sida hackettiana*			C		1/1
plants	land plants	Malvaceae	*Sida hackettiana subsp. (Gayndah P.Grimshaw+ PG2388)*			C		1
plants	land plants	Malvaceae	*Sida rhombifolia*		Y			1
plants	land plants	Meliaceae	*Owenia venosa*	crow's apple		C		2
plants	land plants	Meliaceae	*Turraea pubescens*	native honeysuckle		C		2/2
plants	land plants	Menispermaceae	*Legnephora moorei*			C		1
plants	land plants	Menispermaceae	*Pleogyne australis*	wiry grape		C		2
plants	land plants	Menispermaceae	*Stephania japonica*			C		3
plants	land plants	Menispermaceae	*Tinospora smilacina*	snakevine		C		3
plants	land plants	Meteoriaceae	*Papillaria*					1
plants	land plants	Moraceae	*Streblus brunonianus*	whalebone tree		C		1
plants	land plants	Myrsinaceae	*Embelia australiana*	embelia		C		1
plants	land plants	Myrsinaceae	*Myrsine variabilis*			C		1
plants	land plants	Myrtaceae	*Angophora floribunda*	rough-barked apple		C		1
plants	land plants	Myrtaceae	*Angophora woodsiana*	smudgee		C		1/1
plants	land plants	Myrtaceae	*Corymbia intermedia*	pink bloodwood		C		3
plants	land plants	Myrtaceae	*Corymbia trachyphloia subsp. trachyphloia*			C		3
plants	land plants	Myrtaceae	*Eucalyptus*					3
plants	land plants	Myrtaceae	*Eucalyptus acmenoides*			C		1
plants	land plants	Myrtaceae	*Eucalyptus biturbinata*			C		1
plants	land plants	Myrtaceae	*Eucalyptus carnea*			C		1
plants	land plants	Myrtaceae	*Eucalyptus eugenioides*			C		3
plants	land plants	Myrtaceae	*Eucalyptus microcorys*			C		4
plants	land plants	Myrtaceae	*Eucalyptus montivaga*			C		1
plants	land plants	Myrtaceae	*Eucalyptus pilularis*	blackbutt		C		5/1
plants	land plants	Myrtaceae	*Eucalyptus propinqua*	small-fruited grey gum		C		2
plants	land plants	Myrtaceae	*Eucalyptus siderophloia*			C		2
plants	land plants	Myrtaceae	*Gossia acmenoides*			C		2
plants	land plants	Myrtaceae	*Gossia bidwillii*			C		8/5
plants	land plants	Myrtaceae	*Lophostemon confertus*	brush box		C		2
plants	land plants	Myrtaceae	*Rhodamnia dumicola*	rib-fruited malletwood		E		1
plants	land plants	Ochnaceae	*Ochna serrulata*	ochna	Y			1
plants	land plants	Oleaceae	*Jasminum didymum*			C		1
plants	land plants	Oleaceae	*Jasminum simplicifolium*			C		1

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
plants	land plants	Onagraceae	*Oenothera rosea*	rose evening primrose	Y			1/1
plants	land plants	Orchidaceae	*Dendrobium aemulum*	ironbark orchid		SL		1/1
plants	land plants	Orchidaceae	*Dendrobium gracilicaule*	slender orchid		SL		2/2
plants	land plants	Orchidaceae	*Dendrobium speciosum*			SL		2/2
plants	land plants	Orchidaceae	*Diuris sulphurea*	tiger orchid		SL		1/1
plants	land plants	Orchidaceae	*Dockrillia bowmanii*	scrub pencil orchid		SL		2/2
plants	land plants	Orchidaceae	*Dockrillia teretifolia*	rat's tail orchid		SL		4/4
plants	land plants	Orchidaceae	*Plectorrhiza tridentata*	tangle orchid		SL		2/2
plants	land plants	Orchidaceae	*Rhinerrhiza divitiflora*			SL		2/2
plants	land plants	Orchidaceae	*Sarcochilus*					1/1
plants	land plants	Orchidaceae	*Sarcochilus dilatatus*	brown sarcochilus		SL		2/2
plants	land plants	Orchidaceae	*Sarcochilus hillii*			SL		1/1
plants	land plants	Orchidaceae	*Sarcochilus weinthalii*	blotched sarcochilus		E	V	1/1
plants	land plants	Passifloraceae	*Passiflora aurantia*			C		1
plants	land plants	Passifloraceae	*Passiflora subpeltata*	white passion flower	Y			1
plants	land plants	Petiveriaceae	*Rivina humilis*		Y			2
plants	land plants	Phyllanthaceae	*Breynia oblongifolia*			C		2
plants	land plants	Phyllanthaceae	*Bridelia exaltata*			C		1
plants	land plants	Phyllanthaceae	*Bridelia leichhardtii*			C		1/1
plants	land plants	Phyllanthaceae	*Cleistanthus cunninghamii*	omega		C		1
plants	land plants	Phyllanthaceae	*Phyllanthus gunnii*			C		1
plants	land plants	Phyllanthaceae	*Phyllanthus subcrenulatus*			C		4/2
plants	land plants	Phyllanthaceae	*Poranthera microphylla*	small poranthera		C		2
plants	land plants	Phytolaccaceae	*Phytolacca octandra*	inkweed	Y			1
plants	land plants	Pittosporaceae	*Auranticarpa rhombifolia*			C		2/1
plants	land plants	Pittosporaceae	*Billardiera rubens*			C		1/1
plants	land plants	Pittosporaceae	*Billardiera scandens*			C		3
plants	land plants	Pittosporaceae	*Bursaria incana*			C		1
plants	land plants	Pittosporaceae	*Pittosporum viscidum*	black-fruited thornbush		C		2/1
plants	land plants	Plantaginaceae	*Callitriche muelleri*			C		1/1
plants	land plants	Plantaginaceae	*Mecardonia procumbens*		Y			1/1
plants	land plants	Plantaginaceae	*Veronica plebeia*	trailing speedwell		C		1
plants	land plants	Plumbaginaceae	*Plumbago zeylanica*	native plumbago		C		2/1
plants	land plants	Poaceae	*Austrostipa ramosissima*	bamboo grass		C		1
plants	land plants	Poaceae	*Bothriochloa bladhii*			C		1
plants	land plants	Poaceae	*Chloris divaricata*			C		1
plants	land plants	Poaceae	*Chloris gayana*	rhodes grass	Y			1
plants	land plants	Poaceae	*Cymbopogon refractus*	barbed-wire grass		C		2
plants	land plants	Poaceae	*Dichelachne micrantha*	shorthair plumegrass		C		2/1
plants	land plants	Poaceae	*Digitaria parviflora*			C		1
plants	land plants	Poaceae	*Dinebra decipiens var. decipiens*			C		1/1
plants	land plants	Poaceae	*Entolasia stricta*	wiry panic		C		2
plants	land plants	Poaceae	*Eragrostis brownii var. pubescens*			C		1
plants	land plants	Poaceae	*Eragrostis curvula*		Y			1
plants	land plants	Poaceae	*Imperata cylindrica*	blady grass		C		1
plants	land plants	Poaceae	*Megathyrsus maximus*		Y			1

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
plants	land plants	Poaceae	*Melinis repens*	red natal grass	Y			1
plants	land plants	Poaceae	*Oplismenus imbecillis*			C		1
plants	land plants	Poaceae	*Panicum decompositum*			C		1
plants	land plants	Poaceae	*Poa sieberiana var. sieberiana*			C		1/1
plants	land plants	Poaceae	*Themeda triandra*	kangaroo grass		C		1
plants	land plants	Polypodiaceae	*Platycerium bifurcatum*			SL		1
plants	land plants	Polypodiaceae	*Pyrrosia confluens var. confluens*			SL		1
plants	land plants	Polypodiaceae	*Pyrrosia rupestris*	rock felt fern		SL		4
plants	land plants	Proteaceae	*Grevillea robusta*			C		1
plants	land plants	Pteridaceae	*Cheilanthes sieberi subsp. sieberi*			C		1
plants	land plants	Pteridaceae	*Doryopteris concolor*			SL		1
plants	land plants	Pteridaceae	*Pellaea falcata*			SL		1
plants	land plants	Pteridaceae	*Pellaea nana*			SL		3/1
plants	land plants	Pteridaceae	*Pellaea paradoxa*	heart fern		SL		2
plants	land plants	Pteridaceae	*Pteris tremula*			SL		1
plants	land plants	Pterobryaceae	*Pterobryaceae*					1
plants	land plants	Putranjivaceae	*Drypetes deplanchei*	grey boxwood		C		2/1
plants	land plants	Rhamnaceae	*Alphitonia excelsa*	soap tree		C		1
plants	land plants	Rhamnaceae	*Alphitonia petriei*	pink ash		C		1
plants	land plants	Ripogonaceae	*Ripogonum brevifolium*	small-leaved supplejack		C		1
plants	land plants	Rosaceae	*Rubus parvifolius*	pink-flowered native raspberry		C		1
plants	land plants	Rubiaceae	*Cyclophyllum coprosmoides*			C		4
plants	land plants	Rubiaceae	*Everistia vacciniifolia var. nervosa*			C		2
plants	land plants	Rubiaceae	*Gynochthodes canthoides*			C		1
plants	land plants	Rubiaceae	*Mitracarpus hirtus*		Y			1/1
plants	land plants	Rubiaceae	*Pavetta australiensis var. australiensis*			C		3/1
plants	land plants	Rubiaceae	*Pomax umbellata*			C		1
plants	land plants	Rubiaceae	*Psychotria daphnoides*			C		1
plants	land plants	Rubiaceae	*Psydrax lamprophylla*			C		1
plants	land plants	Rubiaceae	*Psydrax odorata*			C		2
plants	land plants	Rubiaceae	*Richardia stellaris*		Y			1
plants	land plants	Rubiaceae	*Triflorensia cameronii*			C		2
plants	land plants	Rutaceae	*Acronychia oblongifolia*	common acronychia		C		3
plants	land plants	Rutaceae	*Bouchardatia neurococca*	union nut		C		1/1
plants	land plants	Rutaceae	*Citrus australis*			C		2
plants	land plants	Rutaceae	*Coatesia paniculata*			C		1/1
plants	land plants	Rutaceae	*Dinosperma erythrococcum*			C		1/1
plants	land plants	Rutaceae	*Flindersia australis*	crow's ash		C		4
plants	land plants	Rutaceae	*Flindersia collina*	broad-leaved leopard tree		C		2
plants	land plants	Rutaceae	*Flindersia xanthoxyla*	yellow-wood		C		1
plants	land plants	Rutaceae	*Geijera salicifolia*	brush wilga		C		1
plants	land plants	Rutaceae	*Melicope micrococca*	white evodia		C		3/1
plants	land plants	Rutaceae	*Zanthoxylum brachyacanthum*			C		2
plants	land plants	Rutaceae	*Zieria smithii var. fraseri*			C		1
plants	land plants	Salicaceae	*Casearia multinervosa*	casearia		C		2
plants	land plants	Santalaceae	*Choretrum candollei*	white sour bush		C		6/2

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
plants	land plants	Santalaceae	*Exocarpos latifolius*			C		4/1
plants	land plants	Sapindaceae	*Alectryon connatus*	grey birds-eye		C		1
plants	land plants	Sapindaceae	*Arytera distylis*	twin-leaved coogera		C		3/1
plants	land plants	Sapindaceae	*Arytera divaricata*	coogera		C		2
plants	land plants	Sapindaceae	*Arytera foveolata*	pitted coogera		C		1
plants	land plants	Sapindaceae	*Arytera microphylla*			C		1/1
plants	land plants	Sapindaceae	*Atalaya salicifolia*			C		2
plants	land plants	Sapindaceae	*Cupaniopsis parvifolia*	small-leaved tuckeroo		C		3
plants	land plants	Sapindaceae	*Dodonaea triangularis*			C		1
plants	land plants	Sapindaceae	*Dodonaea triquetra*	large-leaved hop bush		C		1
plants	land plants	Sapindaceae	*Dodonaea viscosa*			C		1
plants	land plants	Sapindaceae	*Dodonaea viscosa subsp. cuneata*			C		3/1
plants	land plants	Sapindaceae	*Elattostachys nervosa*	green tamarind		C		2/1
plants	land plants	Sapindaceae	*Elattostachys xylocarpa*	white tamarind		C		1/1
plants	land plants	Sapindaceae	*Guioa semiglauca*	guioa		C		1
plants	land plants	Sapindaceae	*Jagera pseudorhus var. pseudorhus*			C		1
plants	land plants	Sapindaceae	*Mischocarpus anodontus*	veiny pearfruit		C		2
plants	land plants	Sapotaceae	*Planchonella cotinifolia var. cotinifolia*			C		2/1
plants	land plants	Sapotaceae	*Planchonella myrsinifolia subsp. myrsinifolia*			C		2/1
plants	land plants	Sapotaceae	*Planchonella pohlmaniana*			C		2
plants	land plants	Scrophulariaceae	*Eremophila debilis*	winter apple		C		1
plants	land plants	Scrophulariaceae	*Myoporum acuminatum var. parviflorum*			C		1
plants	land plants	Scrophulariaceae	*Verbascum virgatum*	twiggy mullein	Y			1
plants	land plants	Smilacaceae	*Smilax australis*	barbed-wire vine		C		2
plants	land plants	Solanaceae	*Solanum americanum*		Y			2/1
plants	land plants	Solanaceae	*Solanum corifolium*	straggling nightshade		C		2/1
plants	land plants	Solanaceae	*Solanum densevestitum*			C		2/2
plants	land plants	Solanaceae	*Solanum erianthum*	potato tree	Y			1/1
plants	land plants	Solanaceae	*Solanum mauritianum*	wild tobacco	Y			1
plants	land plants	Solanaceae	*Solanum nemophilum*			C		2
plants	land plants	Solanaceae	*Solanum rixosum*			C		1/1
plants	land plants	Solanaceae	*Solanum seaforthianum*	Brazilian nightshade	Y			2/1
plants	land plants	Solanaceae	*Solanum stelligerum*	devil's needles		C		2/2
plants	land plants	Solanaceae	*Solanum stelligerum var. procumbens*			C		2
plants	land plants	Sterculiaceae	*Argyrodendron trifoliolatum*	booyong		C		2
plants	land plants	Sterculiaceae	*Sterculia quadrifida*	peanut tree		C		1
plants	land plants	Symplocaceae	*Symplocos harroldii*	hairy hazelwood		NT		1/1
plants	land plants	Thelypteridaceae	*Christella dentata*	creek fern		SL		1
plants	land plants	Thymelaeaceae	*Pimelea altior*			C		2
plants	land plants	Thymelaeaceae	*Pimelea neoanglica*	poison pimelea		C		2/1
plants	land plants	Thymelaeaceae	*Wikstroemia indica*	tie bush		C		1
plants	land plants	Urticaceae	*Dendrocnide excelsa*	giant stinging tree		C		3/1
plants	land plants	Urticaceae	*Dendrocnide photiniphylla*	shiny-leaved stinging tree		C		2
plants	land plants	Verbenaceae	*Glandularia aristigera*		Y			1
plants	land plants	Verbenaceae	*Lantana camara*	lantana	Y			1
plants	land plants	Verbenaceae	*Verbena bonariensis*	purpletop	Y			1

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
plants	land plants	Verbenaceae	*Verbena rigida*		Y			1
plants	land plants	Violaceae	*Pigea stellarioides*			C		1
plants	land plants	Vitaceae	*Apocissus antarctica*			C		1
plants	land plants	Vitaceae	*Causonis clematidea*			C		1
plants	land plants	Vitaceae	*Tetrastigma nitens*	shining grape		C		2
plants	uncertain	Indet.	*Indet.*			C		1

CODES

I - Y indicates that the taxon is introduced to Queensland and has naturalised.

Q - Indicates the Queensland conservation status of each taxon under the *Nature Conservation Act 1992.*
The codes are Extinct (EX), Extinct in the Wild (PE), Critically Endangered (CR), Endangered (E), Vulnerable (V), Near Threatened (NT), Special Least Concern (SL) and Least Concern (C).

A - Indicates the Australian conservation status of each taxon under the *Environment Protection and Biodiversity Conservation Act 1999.*
The values of EPBC are Extinct (EX), Extinct in the Wild (XW), Critically Endangered (CE), Endangered (E), Vulnerable (V) and Conservation Dependent (CD).

Records - The first number indicates the total number of records of the taxon (wildlife records and species listings for selected areas).
This number is output as 99999 if it equals or exceeds this value. A second number located after a / indicates the number of specimen records for the taxon.
This number is output as 999 if it equals or exceeds this value.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
189113	Sub-Artesian Facility	Existing	05/08/2019	Gatton	6630 - SOUTH BURNETT REGIONAL

Details

Description			
Parish	6000 - NO LONGER USED		
Original Name			
Driller Name	GREGORY, PAUL		
Const Method	ROATARY AIR		
Bore Line			
D/O File No	515/000(218)P7	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date	16/10/2019	**Data Owner**	
Roles	Water Supply		

Location

Datum	GDA94	**Basin**	1430
Latitude	26-51-11	**Sub-area**	
Longitude	152-09-59	**Lot**	1
GIS Latitude	-26.85294714	**Plan**	RP167552
GIS Longitude	152.16653922		
Easting	417199	**Map Scale**	
Northing	7029580	**Map Series**	
Zone	56	**Map No**	
Accuracy	UNKN	**Map Name**	
GPS Accuracy		**Prog Section**	
Checked	Yes		

Casing

5 ***records for RN*** **189113**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	05/08/2019	1	0.00	42.00	Polyvinyl Chloride	5.900	WT - Wall Thickness	140
A	05/08/2019	2	24.00	30.00	Perforated or Slotted Casing	4.000	AP - Aperture Size	140
A	05/08/2019	3	36.00	42.00	Perforated or Slotted Casing	4.000	AP - Aperture Size	140
X	05/08/2019	4	0.00	6.00	Grout			175
X	05/08/2019	5	6.00	42.00	Gravel Pack			175

Bore Report

From Year:

Strata Logs

7 ***records for RN*** **189113**

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	1.00	TOPSOIL
2	1.00	3.00	CLAY
3	3.00	9.00	SANDY CLAY
4	9.00	20.00	DECOMPOSED SANDSTONE
5	20.00	24.00	FRACTURED GRANITE
6	24.00	31.00	DECOMPOSED GRANITE *
7	31.00	42.00	GRANITE

Stratigraphies

0 ***records for RN*** **189113**

Aquifers

1 ***records for RN*** **189113**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	24.00	42.00	GNTE - Acid Intrusive, Granite	05/08/2019	-24.00	N	2700 PPM	0.38	Y	WZ	TAROMEO IGNEOUS COMPLEX

Pump Tests Part 1

0 ***records for RN*** **189113**

Pump Tests Part 2

0 ***records for RN*** **189113**

Bore Conditions

0 ***records for RN*** **189113**

Elevations

0 ***records for RN*** **189113**

Water Analysis Part 1

0 ***records for RN*** **189113**

Water Analysis Part 2

0 ***records for RN*** **189113**

Water Levels

0 ***records for RN*** **189113**

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Bore Report

From Year:

Wire Line Logs

0 *records for RN* **189113**

Field Measurements

0 *records for RN* **189113**

Special Water Analysis

0 *records for RN* **189113**

Bore Report

From Year:

User Licence and Conditions

Disclaimer

Open Licence (Single Supply)

Permitted use:
- You may use the supplied data for your own purposes (including supply to consultants for a specific consultancy project for you but the consultants must return or destroy the supplied data when the project is finished). You must not sell or distribute the supplied data.
- You must display this copyright notice on any copies of the supplied data however altered, reformatted or redisplayed if you supply to a consultant or copy for back up purposes: "© State of Queensland 2025".
- You may create and distribute hardcopy and digital products based on or containing the supplied data, provided all the following conditions are met:
- You must display this acknowledgment on the product(s): "Based on or contains data provided by the State of Queensland 2025. In consideration of the State permitting use of this data you acknowledge and agree that the State gives no warranty in relation to the data (including accuracy, reliability, completeness, currency or suitability) and accepts no liability (including without limitation, liability in negligence) for any loss, damage or costs (including consequential damage) relating to any use of the data. Data must not be used for direct marketing or be used in breach of the privacy laws."
- You must include metadata with the product(s) you create that use or incorporate the supplied data and the metadata must incorporate as a minimum the metadata provided with this supplied data.

Obligations:

- You must not use the data for direct marketing or in breach of the privacy laws.

Ownership:

The State of Queensland is the owner of the intellectual property rights in and to the supplied data or has the right to make this supplied data available.

Disclaimer and indemnity:
You agree to accept all responsibility and risks associated with the use of the supplied data. The State makes no representations or warranties in relation to the supplied data, and, you agree that, to the extent permitted by law, all warranties relating to accuracy, reliability, completeness, currency or suitability for any particular purpose and all liability for any loss, damage or costs (including consequential damage) incurred in any way (including but not limited to that arising from negligence) in connection with any use of or reliance on the supplied data are excluded or limited. You agree to continually indemnify the State of Queensland (and its officers and employees) against any loss, cost, expense, damage and liability of any kind (including consequential damage and liability in negligence) arising directly or indirectly from or related to any claim relating to your use of the supplied data or any product made from the data.

Appendix D EMR/CLR and UXO Searches

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Department of Environment and Science (DES)
ABN 46 640 294 485
400 George St Brisbane, Queensland 4000
GPO Box 2454, Brisbane QLD 4001, AUSTRALIA
www.des.qld.gov.au

SEARCH RESPONSE
ENVIRONMENTAL MANAGEMENT REGISTER (EMR)
CONTAMINATED LAND REGISTER (CLR)

Madeline Warnick
Unit 1, 7 Birubi Street
Coorparoo QLD 4151

Transaction ID: 50933106 EMR Site Id: 32944 09 May 2024
Client Reference:
Cheque Number:

This response relates to a search request received for the site:
Lot: 228 Plan: SP136942

EMR RESULT

The above site IS included on the Environmental Management Register.

The site you have searched has been subdivided from the following site, which IS included on the EMR or the CLR.

Lot: 228 Plan: CA31868
Address: OLD ESK ROAD
TAROMEO 4306

The site has been subject to the following Notifiable Activity or Hazardous Contaminant.
PETROLEUM PRODUCT OR OIL STORAGE - storing petroleum products or oil -
(a) in underground tanks with more than 200L capacity; or
(b) in above ground tanks with -
(i) for petroleum products or oil in class 3 in packaging groups 1 and 2 of the dangerous goods code - more than 2, 500L capacity; or
(ii) for petroleum products or oil in class 3 in packaging groups 3 of the dangerous goods code - more than 5, 000L capacity; or
(iii) for petroleum products that are combustible liquids in class C1 or C2 in Australian Standard AS1940, 'The storage and handling of flammable and combustible liquids' published by Standards Australia - more than 25, 000L capacity.

CLR RESULT

The above site is NOT included on the Contaminated Land Register.

ADDITIONAL ADVICE

All search responses include particulars of land listed in the EMR/CLR when the search was generated.
The EMR/CLR does NOT include:-

1. land which is contaminated land (or a complete list of contamination) if DESI has not been notified
2. land on which a notifiable activity is being or has been undertaken (or a complete list of activities) if DESI has not been notified

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

If you have any queries in relation to this search please email emr.clr.registry@des.qld.gov.au

Administering Authority

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Department of Environment and Science (DES)
ABN 46 640 294 485
400 George St Brisbane, Queensland 4000
GPO Box 2454, Brisbane QLD 4001, AUSTRALIA
www.des.qld.gov.au

SEARCH RESPONSE
ENVIRONMENTAL MANAGEMENT REGISTER (EMR)
CONTAMINATED LAND REGISTER (CLR)

Madeline Warnick
Unit 1, 7 Birubi Street
Coorparoo QLD 4151

Transaction ID: 50933105 EMR Site Id: 32945 09 May 2024
Client Reference:
Cheque Number:

This response relates to a search request received for the site:
Lot: 229 Plan: SP136942

EMR RESULT

The above site IS included on the Environmental Management Register.

The site you have searched has been subdivided from the following site, which IS included on the EMR or the CLR.

Lot: 228 Plan: CA31868
Address: OLD ESK ROAD
TAROMEO 4306

The site has been subject to the following Notifiable Activity or Hazardous Contaminant.
PETROLEUM PRODUCT OR OIL STORAGE - storing petroleum products or oil -
(a) in underground tanks with more than 200L capacity; or
(b) in above ground tanks with -
(i) for petroleum products or oil in class 3 in packaging groups 1 and 2 of the dangerous goods code - more than 2, 500L capacity; or
(ii) for petroleum products or oil in class 3 in packaging groups 3 of the dangerous goods code - more than 5, 000L capacity; or
(iii) for petroleum products that are combustible liquids in class C1 or C2 in Australian Standard AS1940, 'The storage and handling of flammable and combustible liquids' published by Standards Australia - more than 25, 000L capacity.

CLR RESULT

The above site is NOT included on the Contaminated Land Register.

ADDITIONAL ADVICE

All search responses include particulars of land listed in the EMR/CLR when the search was generated.
The EMR/CLR does NOT include:-

1. land which is contaminated land (or a complete list of contamination) if DESI has not been notified
2. land on which a notifiable activity is being or has been undertaken (or a complete list of activities) if DESI has not been notified

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

If you have any queries in relation to this search please email emr.clr.registry@des.qld.gov.au

Administering Authority

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

□□□ Ma□



Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Appendix E Heritage Database Searches

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Cultural Heritage Database and Register Search Report

Search report reference number: 178173

The Aboriginal and Torres Strait Islander Cultural Heritage Database (cultural heritage database) and Aboriginal and Torres Strait Islander Cultural Heritage Register (cultural heritage register) have been searched in accordance with the location description provided, and the results are set out in this report.

The cultural heritage database is intended to be a research and planning tool to help Aboriginal and Torres Strait Islander parties, researchers, and other persons in their consideration of the cultural heritage values of particular areas.

The cultural heritage register is intended to be a depository for information for consideration for land use and land use planning, and a research and planning tool to help people in their consideration of the Aboriginal cultural heritage values of particular objects and areas.

Aboriginal or Torres Strait Islander cultural heritage which may exist within the search area is protected under the *Aboriginal Cultural Heritage Act 2003* and the *Torres Strait Islander Cultural Heritage Act 2003* (the Cultural Heritage Acts), even if the Department of Seniors, Disability Services and Aboriginal and Torres Strait Islander Partnerships (the Department) has no records relating to it.

The placing of information on the database is not intended to be conclusive about whether the information is up-to-date, comprehensive or otherwise accurate.

Under the Cultural Heritage Acts, a person carrying out an activity must take all reasonable and practicable measures to ensure the activity does not harm Aboriginal or Torres Strait Islander cultural heritage. This applies whether or not such places are recorded in an official register and whether or not they are located on private land.

Please refer to the Department website https://www.qld.gov.au/firstnations/environment-land-use-native-title/cultural-heritage/cultural-heritage-duty-of-care to obtain a copy of the gazetted Cultural Heritage Duty of Care Guidelines, which set out reasonable and practicable measure for meeting the cultural heritage duty of care.

In order to meet your duty of care, any land-use activity within the vicinity of recorded cultural heritage should not proceed without the agreement of the Aboriginal or Torres Strait Islander Party for the area, or by developing a Cultural Heritage Management Plan under Part 7 of the Cultural Heritage Acts.

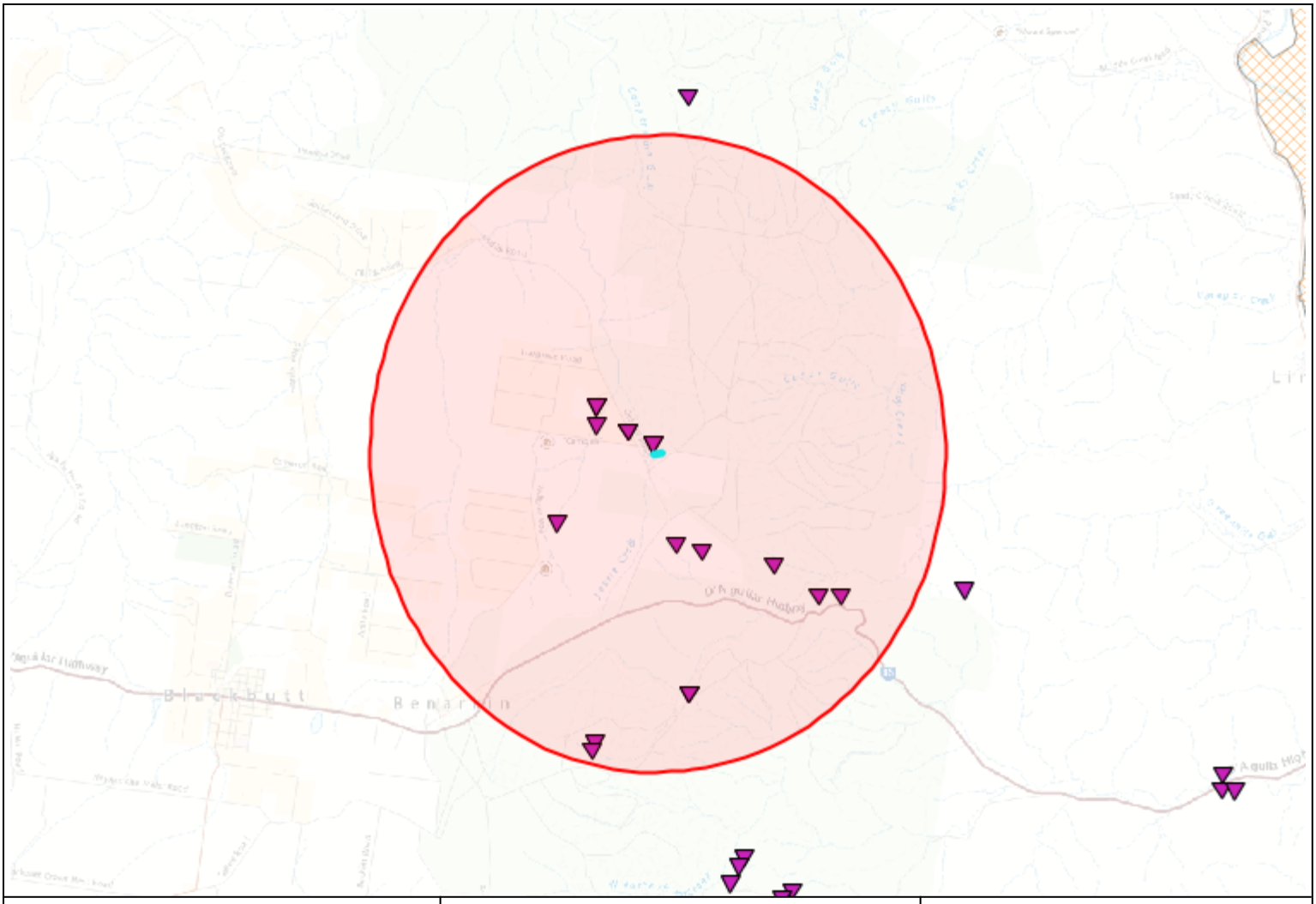
The extent to which the person has complied with Cultural Heritage Duty of Care Guidelines and the extent the person consulted Aboriginal or Torres Strait Islander Parties about carrying out the activity – and the results of the consultation – are factors a court may consider when determining if a land user has complied with the cultural heritage duty of care.

Should you have any further queries, please do not hesitate to contact the department via email: cultural.heritage@dsdsatsip.qld.gov.au or telephone: 1300 378 401.

Queensland Government

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Cultural Heritage Database and Register Search Report



LEGEND

- CH Parties
- CH Bodies
- CHMPs
- Study Areas
- DLAs

Reference Number: 178173
Search Type: Lot/Plan
Lot: 229
Plan: SP136942
Shire: South Burnett Regional

Buffer Distance: 5000m

Cultural Heritage Sites

- Pre-2015 Point Site
- Post-2015 Point Site
- Mitigated Point Site
- Pre-2015 Area Site
- Post-2015 Area Site
- Mitigated Area Site

Map Projection: Geographic Latitude & Longitude (GDA2020).

The Department of Seniors, Disability Services and Aboriginal and Torres Strait Islander Partnerships (DSDSATSIP) is the custodian of spatial data provided by various third parties for inclusion in the Aboriginal and Torres Strait Islander cultural heritage online portal. This includes spatial data provided by the National Native Title Tribunal and Aboriginal and Torres Strait Islander parties.

Features shown on this map have been obtained from available sources. It is possible that errors and omissions may exist. The DSDSATSIP disclaims any liability for any errors or omissions that appear in this document.

Copyright protects this publication. Except for purposes permitted by the Copyright Act, reproduction by whatever means is prohibited without the prior written permission from the DSDSATSIP.

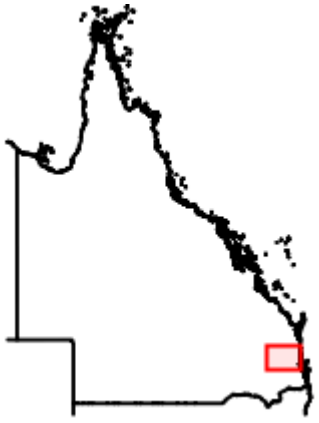
Map produced by the Cultural Heritage Unit, DSDSATSIP, Brisbane, Queensland, Australia on 3 February 2025.

Queensland Government

1:114,602

Metres 2,000 4,000

LOCALITY



Search report generated on Feb 3, 2025, 4:11 PM

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Cultural heritage site points for the area:

Site ID	Latitude	Longitude	Date Recorded	Attribute	Cultural Heritage Party
KB:D02	-26.85018	152.169653	01/03/1983	Artefact Scatter	
KB:D02	-26.85018	152.169653	01/03/1983	Scarred/Carved Tree	
KB:D03	-26.848351	152.165641	01/03/1983	Scarred/Carved Tree	
KB:D04	-26.84471	152.160635	01/03/1983	Scarred/Carved Tree	
KC:A55	-26.885424	152.175437	01/04/1976	Artefact Scatter	
KC:A55	-26.885424	152.175437	01/04/1976	Earthern Arrangement(s)	
KC:A55	-26.885424	152.175437	24/10/1980	Artefact Scatter	
KC:A55	-26.885424	152.175437	24/10/1980	Earthern Arrangement(s)	
KC:A55	-26.885424	152.175437	01/01/1986	Artefact Scatter	
KC:A55	-26.885424	152.175437	01/01/1986	Earthern Arrangement(s)	
KC:A55	-26.885424	152.175437	01/03/1991	Artefact Scatter	
KC:A55	-26.885424	152.175437	01/03/1991	Earthern Arrangement(s)	
KC:A55	-26.885424	152.175437	18/12/1997	Artefact Scatter	
KC:A55	-26.885424	152.175437	18/12/1997	Earthern Arrangement(s)	
KC:A83	-26.84471	152.160635	01/01/1987	Artefact Scatter	
KC:A83	-26.84471	152.160635	01/01/1987	Scarred/Carved Tree	
KC:B67	-26.85018	152.169653	01/03/1981	Artefact Scatter	
KC:B67	-26.85018	152.169653	01/03/1981	Scarred/Carved Tree	
KC:B68	-26.848351	152.165641	01/03/1981	Scarred/Carved Tree	
KC:B69	-26.847419	152.160615	01/03/1981	Scarred/Carved Tree	
KC:E74	-26.861294	152.154414	01/11/1994	Artefact Scatter	
KC:F38	-26.864286	152.173376	11/05/1998	Artefact Scatter	
KC:F39	-26.865303	152.177395	11/05/1998	Artefact Scatter	
KC:F40	-26.867265	152.188857	11/05/1998	Artefact Scatter	
KC:F41	-26.871639	152.195973	11/05/1998	Artefact Scatter	
KC:F42	-26.871569	152.199497	11/05/1998	Artefact Scatter	
KC:H39	-26.89245	152.160405	04/10/2003	Artefact Scatter	
KC:H40	-26.893531	152.159964	04/10/2003	Artefact Scatter	

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Cultural Heritage Database and Register Search Report

Cultural heritage site points for the area:

Site ID	Latitude	Longitude	Date Recorded	Attribute	Cultural Heritage Party
KC:H51	-26.885424	152.175437	28/10/2009	Earthern Arrangement(s)	

There are no Aboriginal or Torres Strait Islander cultural heritage site polygons recorded in your specific search area.

There are no Cultural Heritage Parties recorded in your specific search area.

There are no Cultural Heritage Bodies recorded in your specific search area.

There are no Cultural Heritage Management Plans recorded in your specific search area.

There are no Designated Landscape Areas (DLA) recorded in your specific search area.

There are no Registered Cultural Heritage Study Areas recorded in your specific search area.

There are no National Heritage Areas (Indigenous values) recorded in your specific search area.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Glossary

Cultural Heritage Body: An entity registered under Part 4 of the Cultural Heritage Acts as an Aboriginal or Torres Strait Islander cultural heritage body for an area. The purpose of a cultural heritage body is to:

- identify the Aboriginal or Torres Strait Islander parties for an area
- serve as the first point of contact for cultural heritage matters.

Cultural Heritage Management Plan (CHMP): An agreement between a land user (sponsor) and Traditional Owners (endorsed party) developed under Part 7 of the Cultural Heritage Acts. The CHMP explains how land use activities can be managed to avoid or minimise harm to Aboriginal or Torres Strait Islander cultural heritage.

Cultural Heritage Party: Refers to a native title party for an area. A native title party is defined as:

- Registered native title holders (where native title has been recognised by the Federal Court of Australia).
- Registered native title claimants (whose native title claims are currently before the Federal Court of Australia).
- Previously registered native title claimants (the 'last claim standing') are native title claims that are no longer active and have been removed from the Register of Native Title Claims administered by the National Native Title Tribunal. Previously registered native title claimants will continue to be the native title party for that area providing:
    - there is no other registered native title claimant for the area; and
    - there is not, and never has been, a registered native title holder for the area.

The native title party maintains this status within the external boundaries of the claim even if native title has been extinguished.

Cultural heritage site points (pre 2015): Aboriginal and Torres Strait Islander cultural heritage sites and places recorded in the database as point data **before** 1 July 2015.

Cultural heritage site points (post 2015): Aboriginal and Torres Strait Islander cultural heritage sites and places recorded in the database as point data **after** 1 July 2015.

Cultural heritage site points (post 2015 mitigated): Aboriginal and Torres Strait Islander cultural heritage sites and places recorded in the database as point data after 1 July 2015 where the recorder has advised the department that the site has been mitigated.

Cultural heritage site polygons: Aboriginal and Torres Strait Islander cultural heritage sites and places recorded in the database as a polygon.

Designated Landscape Areas (DLA): Under the repealed *Cultural Record (Landscapes Queensland and Queensland Estate) Act 1987*, an area was declared a 'designated landscape area' (DLA) if it was deemed necessary or desirable for it to be preserved or to regulate access.

Indigenous Protected Areas (IPA): Areas of land and sea managed by Indigenous groups as protected areas for biodiversity conservation through voluntary agreements with the Australian Government. For further information about IPAs visit https://www.environment.gov.au/land/indigenous-protected-areas

National Heritage areas: Places listed on the National Heritage List for their outstanding heritage significance to Australia and are protected under the *Environment Protection and Biodiversity Conservation Act 1999*. For further information about the National Heritage List visit https://www.environment.gov.au/heritage/about/national

National Heritage Areas (Indigenous values): Places listed on the National Heritage list (Indigenous values) are recognised for their outstanding Indigenous cultural heritage significance to Australia and are protected under the *Environment Protection and Biodiversity Conservation Act 1999.* These areas are now included in the cultural heritage

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

register.

Registered Cultural Heritage Study Areas: Comprehensive studies of Aboriginal and or Torres Strait Islander cultural heritage in an area conducted under Part 6 of the Cultural Heritage Acts for the purpose of recording the findings of the study on the register.

Traditional Use of Marine Resources Agreement (TUMRA): Areas subject to agreement between Great Barrier Reef Traditional Owners and the Australian and Queensland governments on the management of traditional use activities on their sea country. For further information about TUMRAs visit https://www.gbrmpa.gov.au/our-partners/traditional-owners/traditional-use-of-marine-resources-agreements

World Heritage Areas: Places inscribed on the World Heritage List pursuant to the World Heritage Convention adopted by the United Nations Education, Scientific and Cultural Organisation (UNESCO) and are protected under the *Environment Protection and Biodiversity Conservation Act 1999*. For further information about World Heritage places in Queensland visit https://parks.des.qld.gov.au/management/managed-areas/world-heritage-areas

Disclaimer: *The Department of Seniors, Disability Services and Aboriginal and Torres Strait Islander Partnerships is the custodian of spatial data and information provided by various third parties for inclusion in the Aboriginal and Torres Strait Islander cultural heritage online portal. This includes spatial data provided by the National Native Title Tribunal and Aboriginal and Torres Strait Islander parties. Department of Seniors, Disability Services and Aboriginal and Torres Strait Islander Partnerships is not responsible for the accuracy of information provided by third parties or any errors in this search report arising from such information.*

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Cultural Heritage Database and Register Search Report

Search report reference number: 178173

The Aboriginal and Torres Strait Islander Cultural Heritage Database (cultural heritage database) and Aboriginal and Torres Strait Islander Cultural Heritage Register (cultural heritage register) have been searched in accordance with the location description provided, and the results are set out in this report.

The cultural heritage database is intended to be a research and planning tool to help Aboriginal and Torres Strait Islander parties, researchers, and other persons in their consideration of the cultural heritage values of particular areas.

The cultural heritage register is intended to be a depository for information for consideration for land use and land use planning, and a research and planning tool to help people in their consideration of the Aboriginal cultural heritage values of particular objects and areas.

Aboriginal or Torres Strait Islander cultural heritage which may exist within the search area is protected under the *Aboriginal Cultural Heritage Act 2003* and the *Torres Strait Islander Cultural Heritage Act 2003* (the Cultural Heritage Acts), even if the Department of Seniors, Disability Services and Aboriginal and Torres Strait Islander Partnerships (the Department) has no records relating to it.

The placing of information on the database is not intended to be conclusive about whether the information is up-to-date, comprehensive or otherwise accurate.

Under the Cultural Heritage Acts, a person carrying out an activity must take all reasonable and practicable measures to ensure the activity does not harm Aboriginal or Torres Strait Islander cultural heritage. This applies whether or not such places are recorded in an official register and whether or not they are located on private land.

Please refer to the Department website https://www.qld.gov.au/firstnations/environment-land-use-native-title/cultural-heritage/cultural-heritage-duty-of-care to obtain a copy of the gazetted Cultural Heritage Duty of Care Guidelines, which set out reasonable and practicable measure for meeting the cultural heritage duty of care.

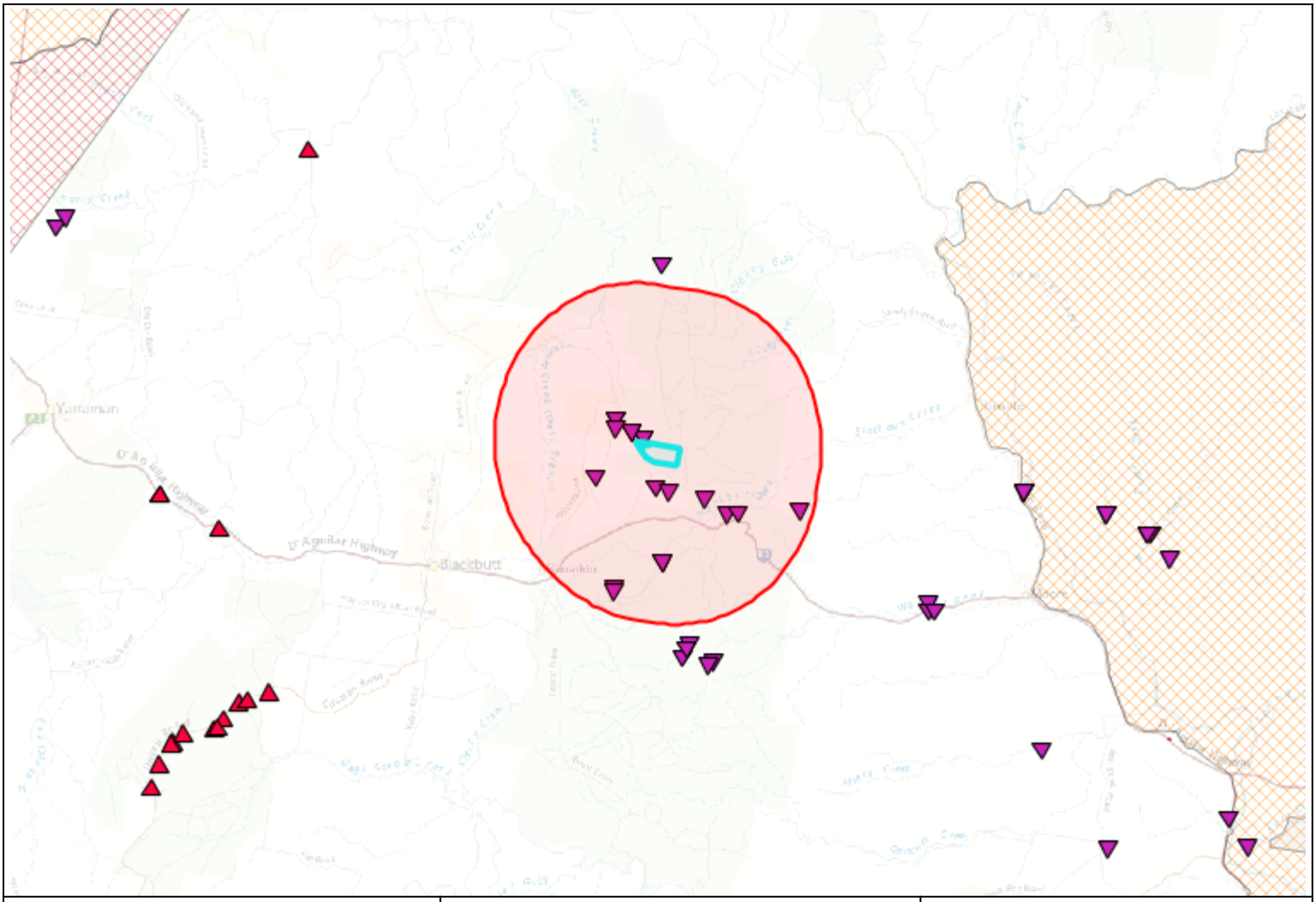
In order to meet your duty of care, any land-use activity within the vicinity of recorded cultural heritage should not proceed without the agreement of the Aboriginal or Torres Strait Islander Party for the area, or by developing a Cultural Heritage Management Plan under Part 7 of the Cultural Heritage Acts.

The extent to which the person has complied with Cultural Heritage Duty of Care Guidelines and the extent the person consulted Aboriginal or Torres Strait Islander Parties about carrying out the activity – and the results of the consultation – are factors a court may consider when determining if a land user has complied with the cultural heritage duty of care.

Should you have any further queries, please do not hesitate to contact the department via email: cultural.heritage@dsdsatsip.qld.gov.au or telephone: 1300 378 401.

Queensland Government

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



LEGEND

- CH Parties
- CH Bodies
- CHMPs
- Study Areas
- DLAs

Reference Number: 178173
Search Type: Lot/Plan
Lot: 228
Plan: SP136942
Shire: South Burnett Regional

Buffer Distance: 5000m

Cultural Heritage Sites

- Pre-2015 Point Site
- Post-2015 Point Site
- Mitigated Point Site
- Pre-2015 Area Site
- Post-2015 Area Site
- Mitigated Area Site

Map Projection: Geographic Latitude & Longitude (GDA2020).

The Department of Seniors, Disability Services and Aboriginal and Torres Strait Islander Partnerships (DSDSATSIP) is the custodian of spatial data provided by various third parties for inclusion in the Aboriginal and Torres Strait Islander cultural heritage online portal. This includes spatial data provided by the National Native Title Tribunal and Aboriginal and Torres Strait Islander parties.

Features shown on this map have been obtained from available sources. It is possible that errors and omissions may exist. The DSDSATSIP disclaims any liability for any errors or omissions that appear in this document.

Copyright protects this publication. Except for purposes permitted by the Copyright Act, reproduction by whatever means is prohibited without the prior written permission from the DSDSATSIP.

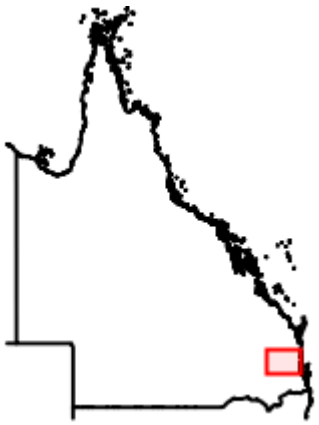
Map produced by the Cultural Heritage Unit, DSDSATSIP, Brisbane, Queensland, Australia on 3 February 2025.

Queensland Government

1:229,203

Metres 5,000 10,000

LOCALITY



Search report generated on Feb 3, 2025, 4:12 PM

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Cultural Heritage Database and Register Search Report

Cultural heritage site points for the area:

Site ID	Latitude	Longitude	Date Recorded	Attribute	Cultural Heritage Party
KB:D02	-26.85018	152.169653	01/03/1983	Artefact Scatter	
KB:D02	-26.85018	152.169653	01/03/1983	Scarred/Carved Tree	
KB:D03	-26.848351	152.165641	01/03/1983	Scarred/Carved Tree	
KB:D04	-26.84471	152.160635	01/03/1983	Scarred/Carved Tree	
KC:A55	-26.885424	152.175437	01/04/1976	Artefact Scatter	
KC:A55	-26.885424	152.175437	01/04/1976	Earthern Arrangement(s)	
KC:A55	-26.885424	152.175437	24/10/1980	Artefact Scatter	
KC:A55	-26.885424	152.175437	24/10/1980	Earthern Arrangement(s)	
KC:A55	-26.885424	152.175437	01/01/1986	Artefact Scatter	
KC:A55	-26.885424	152.175437	01/01/1986	Earthern Arrangement(s)	
KC:A55	-26.885424	152.175437	01/03/1991	Artefact Scatter	
KC:A55	-26.885424	152.175437	01/03/1991	Earthern Arrangement(s)	
KC:A55	-26.885424	152.175437	18/12/1997	Artefact Scatter	
KC:A55	-26.885424	152.175437	18/12/1997	Earthern Arrangement(s)	
KC:A83	-26.84471	152.160635	01/01/1987	Artefact Scatter	
KC:A83	-26.84471	152.160635	01/01/1987	Scarred/Carved Tree	
KC:B67	-26.85018	152.169653	01/03/1981	Artefact Scatter	
KC:B67	-26.85018	152.169653	01/03/1981	Scarred/Carved Tree	
KC:B68	-26.848351	152.165641	01/03/1981	Scarred/Carved Tree	
KC:B69	-26.847419	152.160615	01/03/1981	Scarred/Carved Tree	
KC:E74	-26.861294	152.154414	01/11/1994	Artefact Scatter	
KC:F38	-26.864286	152.173376	11/05/1998	Artefact Scatter	
KC:F39	-26.865303	152.177395	11/05/1998	Artefact Scatter	
KC:F40	-26.867265	152.188857	11/05/1998	Artefact Scatter	
KC:F41	-26.871639	152.195973	11/05/1998	Artefact Scatter	
KC:F42	-26.871569	152.199497	11/05/1998	Artefact Scatter	
KC:F43	-26.870776	152.219032	11/05/1998	Artefact Scatter	
KC:H39	-26.89245	152.160405	04/10/2003	Artefact Scatter	
KC:H40	-26.893531	152.159964	04/10/2003	Artefact Scatter	

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Cultural Heritage Database and Register Search Report

Cultural heritage site points for the area:

Site ID	Latitude	Longitude	Date Recorded	Attribute	Cultural Heritage Party
KC:H51	-26.885424	152.175437	28/10/2009	Earthern Arrangement(s)	

There are no Aboriginal or Torres Strait Islander cultural heritage site polygons recorded in your specific search area.

There are no Cultural Heritage Parties recorded in your specific search area.

There are no Cultural Heritage Bodies recorded in your specific search area.

There are no Cultural Heritage Management Plans recorded in your specific search area.

There are no Designated Landscape Areas (DLA) recorded in your specific search area.

There are no Registered Cultural Heritage Study Areas recorded in your specific search area.

There are no National Heritage Areas (Indigenous values) recorded in your specific search area.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Glossary

Cultural Heritage Body: An entity registered under Part 4 of the Cultural Heritage Acts as an Aboriginal or Torres Strait Islander cultural heritage body for an area. The purpose of a cultural heritage body is to:

- identify the Aboriginal or Torres Strait Islander parties for an area
- serve as the first point of contact for cultural heritage matters.

Cultural Heritage Management Plan (CHMP): An agreement between a land user (sponsor) and Traditional Owners (endorsed party) developed under Part 7 of the Cultural Heritage Acts. The CHMP explains how land use activities can be managed to avoid or minimise harm to Aboriginal or Torres Strait Islander cultural heritage.

Cultural Heritage Party: Refers to a native title party for an area. A native title party is defined as:

- Registered native title holders (where native title has been recognised by the Federal Court of Australia).
- Registered native title claimants (whose native title claims are currently before the Federal Court of Australia).
- Previously registered native title claimants (the 'last claim standing') are native title claims that are no longer active and have been removed from the Register of Native Title Claims administered by the National Native Title Tribunal. Previously registered native title claimants will continue to be the native title party for that area providing:
    - there is no other registered native title claimant for the area; and
    - there is not, and never has been, a registered native title holder for the area.

The native title party maintains this status within the external boundaries of the claim even if native title has been extinguished.

Cultural heritage site points (pre 2015): Aboriginal and Torres Strait Islander cultural heritage sites and places recorded in the database as point data **before** 1 July 2015.

Cultural heritage site points (post 2015): Aboriginal and Torres Strait Islander cultural heritage sites and places recorded in the database as point data **after** 1 July 2015.

Cultural heritage site points (post 2015 mitigated): Aboriginal and Torres Strait Islander cultural heritage sites and places recorded in the database as point data after 1 July 2015 where the recorder has advised the department that the site has been mitigated.

Cultural heritage site polygons: Aboriginal and Torres Strait Islander cultural heritage sites and places recorded in the database as a polygon.

Designated Landscape Areas (DLA): Under the repealed *Cultural Record (Landscapes Queensland and Queensland Estate) Act 1987*, an area was declared a 'designated landscape area' (DLA) if it was deemed necessary or desirable for it to be preserved or to regulate access.

Indigenous Protected Areas (IPA): Areas of land and sea managed by Indigenous groups as protected areas for biodiversity conservation through voluntary agreements with the Australian Government. For further information about IPAs visit https://www.environment.gov.au/land/indigenous-protected-areas

National Heritage areas: Places listed on the National Heritage List for their outstanding heritage significance to Australia and are protected under the *Environment Protection and Biodiversity Conservation Act 1999*. For further information about the National Heritage List visit https://www.environment.gov.au/heritage/about/national

National Heritage Areas (Indigenous values): Places listed on the National Heritage list (Indigenous values) are recognised for their outstanding Indigenous cultural heritage significance to Australia and are protected under the *Environment Protection and Biodiversity Conservation Act 1999.* These areas are now included in the cultural heritage

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

register.

Registered Cultural Heritage Study Areas: Comprehensive studies of Aboriginal and or Torres Strait Islander cultural heritage in an area conducted under Part 6 of the Cultural Heritage Acts for the purpose of recording the findings of the study on the register.

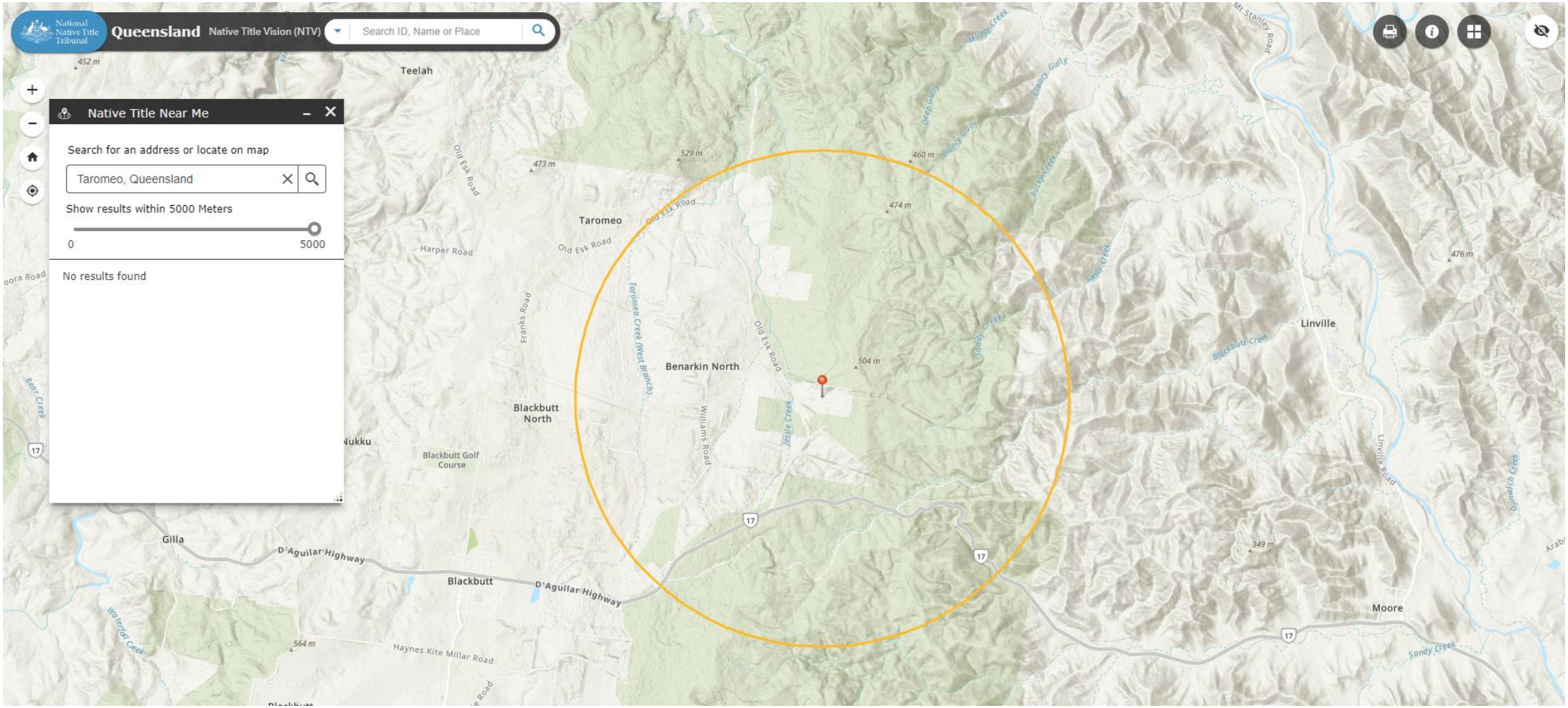
Traditional Use of Marine Resources Agreement (TUMRA): Areas subject to agreement between Great Barrier Reef Traditional Owners and the Australian and Queensland governments on the management of traditional use activities on their sea country. For further information about TUMRAs visit https://www.gbrmpa.gov.au/our-partners/traditional-owners/traditional-use-of-marine-resources-agreements

World Heritage Areas: Places inscribed on the World Heritage List pursuant to the World Heritage Convention adopted by the United Nations Education, Scientific and Cultural Organisation (UNESCO) and are protected under the *Environment Protection and Biodiversity Conservation Act 1999*. For further information about World Heritage places in Queensland visit https://parks.des.qld.gov.au/management/managed-areas/world-heritage-areas

Disclaimer: *The Department of Seniors, Disability Services and Aboriginal and Torres Strait Islander Partnerships is the custodian of spatial data and information provided by various third parties for inclusion in the Aboriginal and Torres Strait Islander cultural heritage online portal. This includes spatial data provided by the National Native Title Tribunal and Aboriginal and Torres Strait Islander parties. Department of Seniors, Disability Services and Aboriginal and Torres Strait Islander Partnerships is not responsible for the accuracy of information provided by third parties or any errors in this search report arising from such information.*

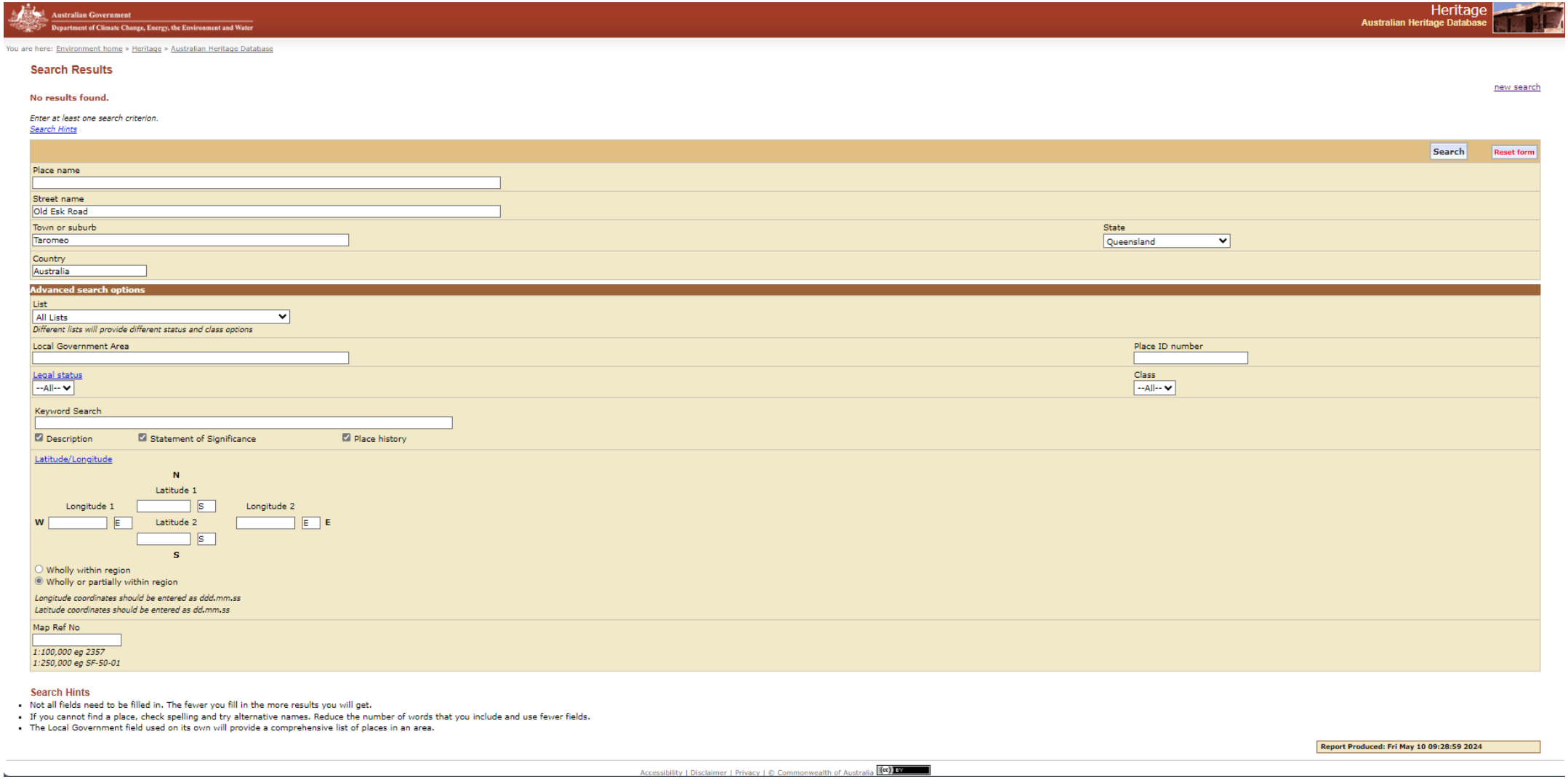
Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

□ati□e Title Register



Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

□□stralian □eritage Register



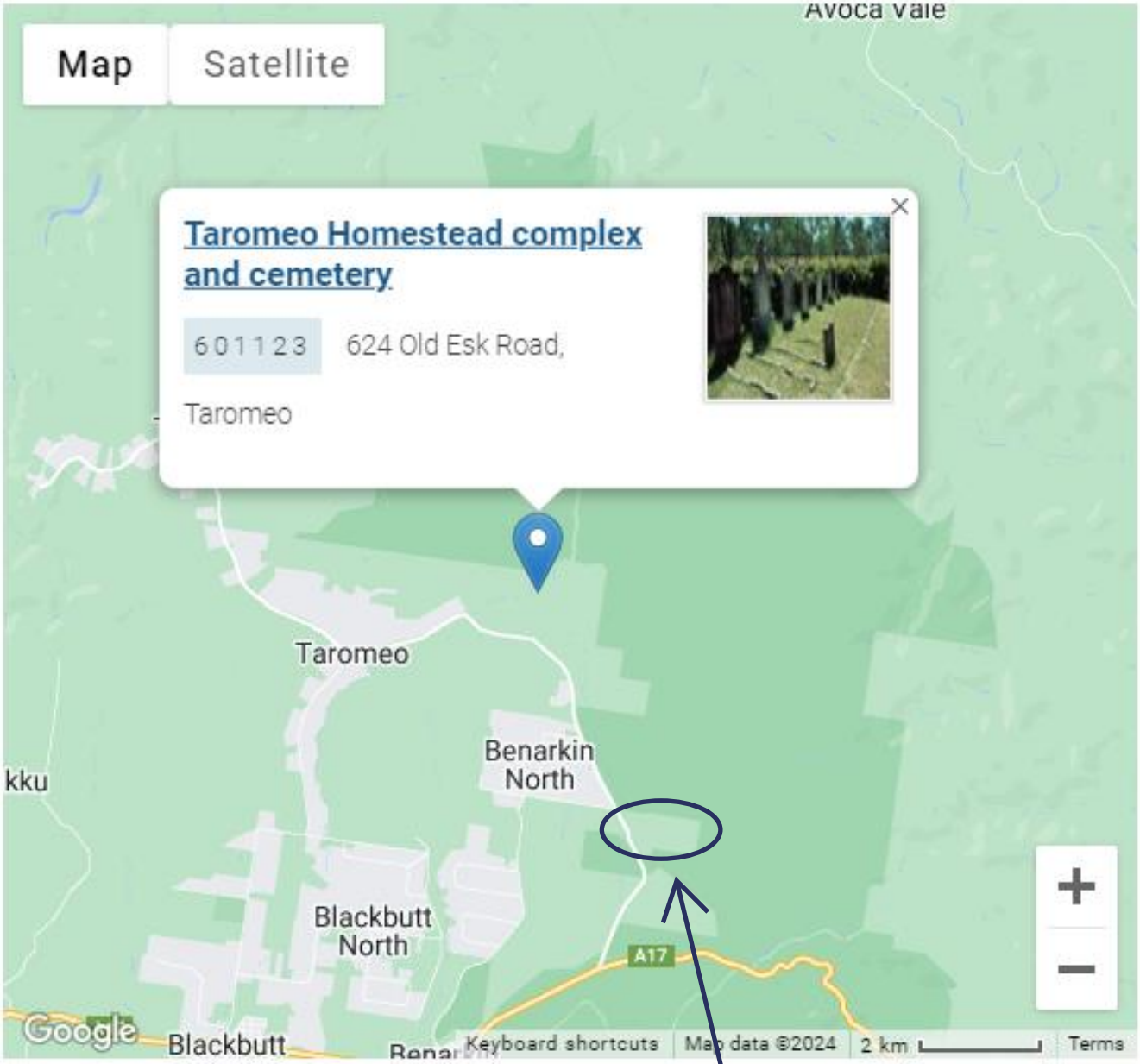
Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Print

Heritage register map

Displaying **1796** places

List | Download | Show places near me



Last reviewed 1 July 2022

Last updated 28 February 2023

(cc) BY

L□□ati□n □□Site

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Appendix F Qualitative Risk Assessment Tool

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Qualitative Measures of Consequence

Consequence	Natural Environment	Legal / Government	Community / Reputation / Media
Insignificant	Limited damage to minimal area of low significance.	Low-level legal issue. On the spot fine. Technical non-compliance, prosecution unlikely. Ongoing scrutiny/attention from regulator.	Low level social impacts. Public concern restricted to local complaints. Could not cause injury or disease to people.
Minor	Minor effects on biological or physical environment. Minor short-medium term damage to small area of limited significance.	Minor legal issues, non-compliances, and breaches of regulation. Minor prosecution or litigation possible. Significant hardship from regulator.	Minor to medium-term social impact on local population. Could cause first aid injury to people. Minor, adverse local public or media attention or complaints.
Moderate	Moderate effects on biological or physical environment (air, water) but not affecting ecosystem functioning. Moderate short-medium term widespread impacts (e.g., significant spills).	Serious breach of regulation with investigation or report to authority with prosecution or moderate fine possible. Significant difficulties in gaining approvals.	Ongoing social issues. Could cause injury to people which requires medical attention. Attention from regional media and/or heightened concern by local community. Criticism by NGOs. Environmental credentials moderately affected.
Major	Serious environmental effects with some impairment of ecosystem function. Relatively widespread medium-long term impacts.	Major breach of regulation with potential major fine and/or investigation and prosecution by authority. Project approval seriously affected.	Ongoing serious social issues. Could cause serious injury or disease to people. Significant adverse national media/pubic or NGO attention. Environmental credentials significantly affected.
Catastrophic	Very serious environmental effects with impairment of ecosystem function. Long term widespread effects on significant environment (e.g., National Park).	Investigation by authority with significant prosecution and fines. Very serious litigation, including class actions. License to operate threatened.	Very serious widespread social impacts with potential to significantly affect the wellbeing of the local community. Could kill or permanently disable people. Serious public or media outcry (international coverage). Damaging NGO campaign. Reputation severely damaged.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Qualitative Measures of Likelihood

Descriptor	Description	Guideline
Almost certain	Consequence is expected to occur in most circumstances	Occurs more than one per month
Likely	Consequence will probably occur in most circumstances	Occurs once every 1 month to 1 year
Occasionally	Consequence should occur at some time	Occurs once every 1 year to 10 years
Unlikely	Consequence could occur at some time	Occurs once every 10 years to 100 years
Rare	Consequence may only occur in exceptional circumstances	Occurs less than once every 100 years

Qualitative Risk Matrix

Likelihood	Consequence				
	Insignificant	Minor	Moderate	Major	Catastrophic
Almost certain	High	High	Extreme	Extreme	Extreme
Likely	Moderate	High	High	Extreme	Extreme
Occasionally	Low	Moderate	High	Extreme	Extreme
Unlikely	Low	Low	Moderate	High	Extreme
Rare	Low	Low	Moderate	High	High

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

range
environmental
consultants

www.rangeenviro.com.au

BRISBANE
Units 7-8, 200 Evans Road
Salisbury Qld 4107

TOOWOOMBA
Office A, 189 Hume St
Toowoomba QLD 4350

T 07 4588 6711
E admin@rangeenviro.com.au

© Range Environmental Consultants 2025

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



Site Based Management Plan

256 Old Esk Road, Taromeo

CLIENT: PRO-PINE PTY LTD

PROJECT NO.	**J001911**
STATUS	**FINAL**
DATE	**26/08/2025**

rangeenviro.com.au

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Disclaimer

Range Environmental provides this report directly and exclusively to Pro-Pine Pty Ltd (the Client) for their sole use and solely for the specific purpose for which it is supplied. This report is not to be distributed to any other party without the consent of Range Environmental and Range Environmental will not be liable to any other entity other than the Client in relation to any matters dealt with in this report. Third parties (including, but not limited to, successors or assigns of the Client) may not rely on anything contained in this report whatsoever. The Client indemnifies Range Environmental against any claim, loss, expense, damage or the like arising from any third party which results from the Client providing this report to that third party without the prior knowledge or consent of Range Environmental.

This report has been prepared based on the information, documentation and representations given by the Client to Range Environmental. The Client releases Range Environmental from any claim for damage, cost, loss, expense or the like which is caused or contributed to by the incorrect, inaccurate, false, misleading, or deceptive information, documentation or representations given by the Client to Range Environmental. The validity and comprehensiveness of any information given by the Client has not been independently verified by Range Environmental and, for the purposes of this report, it is assumed that the information provided to Range Environmental is both complete and accurate.

Where site inspections, testing, surveying, or fieldwork have taken place, this report is based on the site conditions and information made available by the Client or their agents or nominees during the visit, the visual observations, and any subsequent discussions with regulatory authorities. It is further assumed that normal activities were being undertaken at the site on the day of the site visit(s), unless explicitly stated otherwise.

The Client acknowledges that this Report and all information and content in it shall at all times be and remain the property of Range Environmental and must not be disclosed to any third party at any time, except with the prior consent of Range Environmental or where the Client is required by statute, rule, regulation, judicial process or in connection with any litigation to which it is a party.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Document Control

Version	Purpose	Lead Author	Reviewer	Approved by	Date
1.	Final Report	MJW	RJM	LMT	21/05/2025
2.	Final Report (minor updates to include supporting technical reports)	RJM	RJM	LMT	26/08/2025

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Table of Contents

1		**Overview**	**6**
	1.1	Background	6
	1.2	Scope	6
	1.3	SBMP Objectives	6
2		**Description of Operations and Maintenance**	**8**
	2.1	Site Maintenance	10
3		**Environmental Values, Potential Impacts and Mitigation Measures**	**11**
	3.1	Environmental Values	11
	3.2	Potential Impacts and Mitigation Measures	11
4		**Environmental Management**	**20**
	4.1	Management Commitment	20
	4.2	Environmental Management Responsibilities	20
	4.3	Environmental Control Plans	21
5		**Rehabilitation Plan**	**30**
6		**Complaint Management**	**31**
7		**Environmental Hazards, Incidents & Emergencies**	**33**
	7.1	Categories of Environmental Harm	33
	7.2	Environmental Hazards, Incidents and Emergencies	33
	7.3	External Reporting of Material or Serious Environmental Harm	34
8		**Emergency Preparation and Response**	**36**
	8.1	Fire	36
	8.2	Heavy Rain	36
	8.3	Spill Response	36
9		**Inspections and Monitoring**	**38**
	9.1	Site Inspections	38
	9.2	Environmental Monitoring	38
10		**Training & Communication**	**39**
	10.1	Environmental Awareness Training	39
	10.2	Internal Communication of Environmental Information	39
	10.3	Communication with Regulatory Authorities	39
11		**Records Management**	**40**
12		**Review and Improvement**	**41**
	12.1	Non-conformance & Corrective Actions	41
	12.2	Environmental Management Performance Reviews	41
	12.3	SBMP Review and Update	41

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Tables

Table 1 Scope and application of this SBMP 6
Table 2 Site Operations 8
Table 3 Environmental values 11
Table 4 Potential impacts and mitigation measures 13
Table 5 Roles and responsibilities 21
Table 6 Categories of environmental harm 33
Table 7 External reporting of material or serious environmental harm 34
Table 8 DETSI contact details 35

Figures

Figure 1 Site Locality 7
Figure 2 Sensitive Receptors 12
Figure 3 Complaint management flow chart 32
Figure 4 Spill response flow chart 37

Appendices

Appendix A Complaint Log 43
Appendix B Monthly Inspection Checklist 44

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

1 Overview

1.1 Background

This Site Based Management Plan (SBMP) provides an environmental management framework for Pro Pine Pty Ltd.'s proposed increase in annual throughput of an existing sawmill located at 256 Old Esk Road, Taromeo (hereafter 'the site'). The site is formally comprised of Lots 228 and 229 on SP136942 (Figure 1).

The proposed operations at the site are considered to present a low risk of harm to local environmental values with the implementation of this SBMP. A copy of the SBMP shall be kept on site at all times.

1.2 Scope

The scope and application of this SBMP is provided in Table 1.

Table 1 Scope and application of this SBMP

Question	Answer
Who?	This SBMP applies to all personnel (staff, inspectors, sub-contractors, site visitors and other personnel) at the site under the control of Pro Pine Pty Ltd.
What?	This SBMP applies to all environmental aspects of operational and maintenance activities at the site.
When?	This SBMP applies during the operations phase of the site.
Where?	This SBMP applies to the site located at 256 Old Esk Road, Taromeo (formally comprised of Lots 228 and 229 on SP136942) (Figure 1).
Why?	The purpose of this SBMP is to minimise the risk of environmental harm and to satisfy legal and other obligations for environmental protection and general environmental duty.

1.3 SBMP Objectives

The objectives of this SBMP are to:

- Describe the site and proposed operations.
- Provide site-specific control measures to minimise the risk of adverse environmental impact during operational activities.
- Define roles, responsibilities, and timing for the implementation of environmental control measures.
- Provide mechanisms for incident management and monitoring, review, and continual improvement of environmental performance at the site.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



Figure 1
Site Locality

Project: Site Based Management Plan

Client: Pro-Pine Pty Ltd

Project No.: J001911

Compiled by: MJW Date: 3/02/2025
Approved by: RJM Date: 3/02/2025

Metres
0 180 360

Legend

- Cadastre
- Roads
- Site boundary

The content of this document includes third party data. Range Environmental Consultants does not guarantee the accuracy of such data.

Source: Cadastral data sourced from DNRME (2025).

N

range environmental consultants

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

2 Description of Operations and Maintenance

An overview of the site's proposed operations is provided at Table 2.

Table 2 Site Operations

Aspect of Operations	Description
Facility Operator	• Pro-Pine Pty Ltd
Registered Suitable Operator (RSO)	• RSO550637
Site	• Lots 228 and 229 on SP136942
Nature of Activity	• Timber milling

ERA	• Existing and approved ERA: ERA 47 (b) – Timber milling and woodchipping – milling, in a year, more than 10,000t but not more than 20,000t of timber.
	• Proposed ERAs:
	  • ERA 33 - Crushing, milling, grinding or screening - crushing, grinding, milling or screening more than 5,000t of material in a year.
	  • ERA 47 (c) – Timber milling and woodchipping – milling, in a year, more than 20,000t but not more than 100,000t of timber.

Annual Throughput	• The site proposes to mill a maximum of 60,000t of timber per annum and screen approximately 5000t/year of bark (organic material) through the trommel.
Plant, Equipment, and Hazardous Chemicals	Mobile plant: • Four (4) x front end loaders (12-14t). • One (1) x 15t excavator. • Four (4) x forklifts (2.5-4t). • Two (2) x bobcats. • Three (3) x tip trucks. Fixed sawmill plant at Mill 1: • Various log decks and transfers. • Valonkone VK26M ring debarker. • Automatic log docking machine. • Storti PGS350 log saw. • Storti canter. • WD auto edger. • Lindex chipper canter. • Costa multi rip saw. • Storti R16 multi rip saw. • Ogam multi rip saw. • Auto timber stacking machine. • Gibson docking machine. • Bruks 602 woodchipper. • Sawdust transfer chain system. • Sawdust extraction system (vacuum).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

	Fixed equipment at Mill 2: • Mebor HTZ1200 horizontal band sawmill. • Gibson combination edger multirip. • ERJO SN165 woodchipper. Hazardous chemical storages: • One (1) x 17,000L self-bunded diesel AST. • One (1) x 1000L Taratek intermediate bulk container (IBC) stored in a secondary concrete containment area. • One (1) x 1000L IBC of Chain & Bar oil on a bunded pallet within a designated oil storage area. • Two (2) x 205L drums of hydraulic 68 oil on a bunded pallet within a designated oil storage area. • One (1) x 4.5L container of air tool oil located in the maintenance shed. • One (1) x 20L container of brake cleaner stored on a secondary spill tray within the maintenance shed. • One (1) x 20L container of hammer drill oil stored on a secondary spill tray within the maintenance shed. • One (1) x 205L drum of engine oil stored within secondary containment. • One (1) x 205L drum of hydraulic oil stored within secondary containment.
Hours of Operation	The site operates from 6:00am to 4:00pm, Monday to Friday as follows: • Heavy vehicle and light vehicle access from 6:00am to 7:00am. No timber milling, woodchipping or maintenance works are undertaken during this period. • Full operations from 7:00am to 4:00pm. Site maintenance activities are undertaken on Saturdays between 7:00am and 4:00pm, depending on maintenance requirements. No operations at the site shall occur on Sundays or public holidays. Extended operating hours are not required to meet the increased production rate.
Staffing	• The site is proposed to operate with a total of 40 staff members.
Traffic	RMA Engineers' (2025) Traffic Impact Assessment outlined the following anticipated future traffic volumes for the site: • 38 heavy vehicle movements per day (combined in and out). • 80 light vehicle movements per day (combined in and out).
Wastes	• The following waste streams[1] will be generated from the timber milling process and will be used to produce various products: ◦ Trim waste generated from the WD Edger will be discharged to the Bruks 602 woodchipper to produce a sawdust product. ◦ Trim waste and bark that cannot be processed by the Bruks woodchipper will be stockpiled for processing later. Approximately twice per year, a contractor will be engaged

[1] Section 8AA under the *Waste Reduction and Recycling Act 2011*. **Waste** includes any thing that –

(a) Is **left over**, or is an unwanted by-product, from an industrial, commercial, domestic or other activity; or

(b) Is **surplus** to the industrial, commercial, domestic or other activity generating the waste.

(4) A thing can be waste whether or not it is of value.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

	to grind timber mill waste into a ground wood product using a large mobile grinder. Ground wood will be stockpiled in the eastern portion of the site and delivered as required to various customers. • Wood waste generated from the Gibson multirip saw will be fed into the conveyor of the ERJO SN165 woodchipper to produce a soft fall woodchip product. • General and recyclable wastes are stored in covered bins and removed from the site weekly for disposal or recycling by JJ Richards. • Regulated wastes generated from onsite servicing of mechanical plant and equipment will be removed offsite by the service technicians at the end of each task/day (whichever occurs first).

2.1 Site Maintenance

To ensure optimum performance of critical equipment in mitigating the environmental impacts of the site's operations, routine inspection and maintenance activities shall be scheduled and implemented.

Maintenance programs and schedules shall be developed for the site in accordance with legislative requirements and manufacturer's specifications. The purpose of site maintenance is to minimise the risk of equipment failure that could result in injury to people, impacts to site operations and service delivery and/or adverse environmental impacts. Maintenance records shall be retained as per Section 11.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

3 Environmental Values, Potential Impacts and Mitigation Measures

3.1 Environmental Values

The relevant environmental values of the site and local area with regards to the site's proposed operations are described in Table 3.

Table 3 Environmental values

Environmental value	Description
Surface water	The existing sediment basin located in the western corner of the site is intersected by Jessie Creek. Jessie Creek (1st order stream) flows to the north where it enters Taromeo Creek (East Branch) (2nd order stream). Taromeo Creek (East Branch) flows to the north to Taromeo Creek (3rd order stream).
Groundwater	The bore logs for registered bores within a nominal 1 km buffer of the site were reviewed. The shallowest aquifer recorded in the area was a granite aquifer 24 m below ground level (mbgl) in the Taromeo Igneous Complex.
Soil	Native soils of the region are broadly described by the Bureau of Rural Sciences (2009) as shallow bleached loams.
Amenity (air, odour, greenhouse gas, noise, and light	Ambient air quality, light and noise levels of the local area are expected to reflect the influence of nearby roads and surrounding rural activities. The closest sensitive receptor to the site is an existing residential dwelling (Receptor 1) located approximately 336 m west of the operational footprint (stockpiling adjacent to Mill 1) (Figure 2).

3.2 Potential Impacts and Mitigation Measures

Potential impacts on environmental values and key mitigation measures are outlined in Table 4 below. Reference should be made to the Environmental Control Plans (ECPs) at Section 4.3 for full details of mitigation measures.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

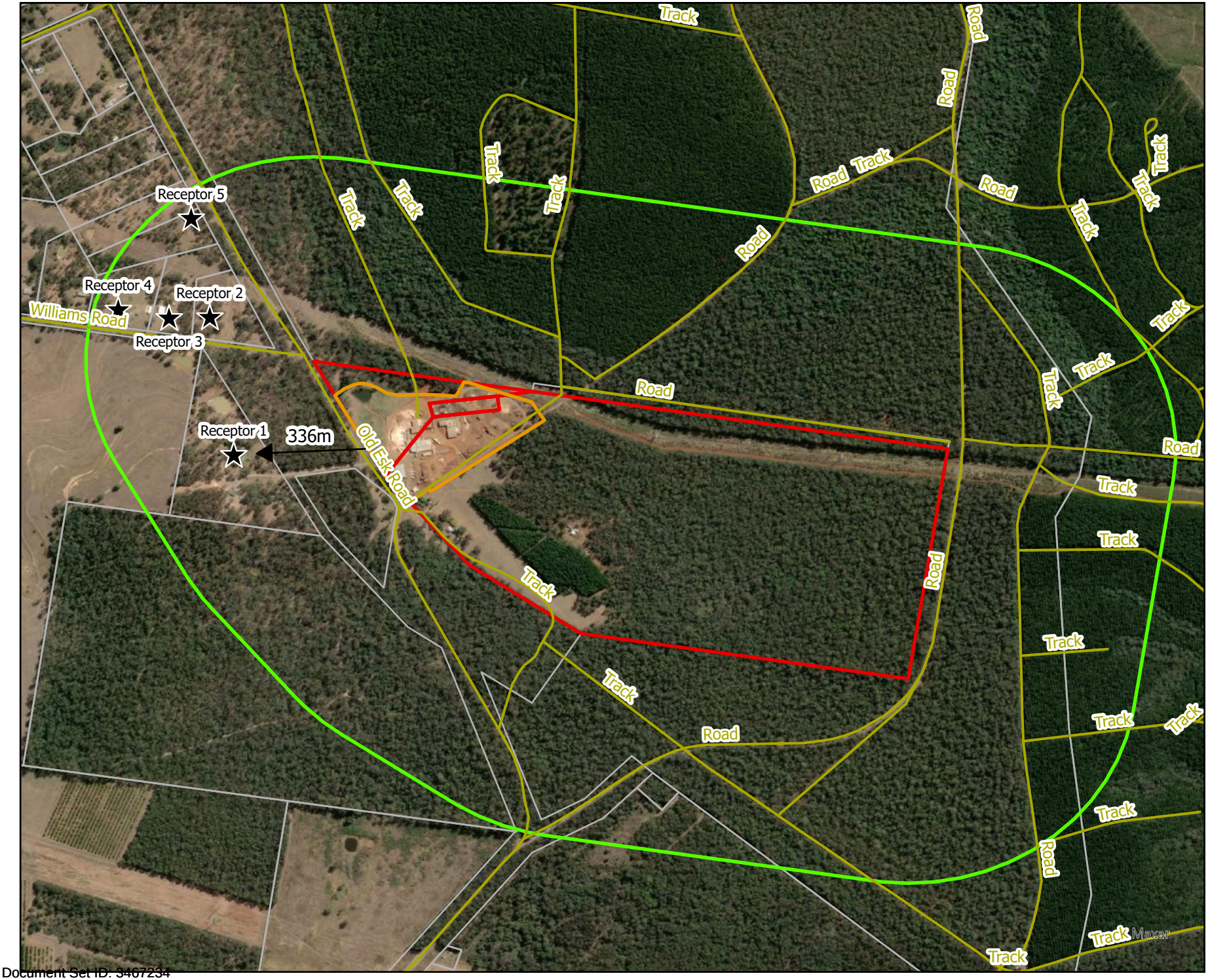


Figure 2 Sensitive Receptors

Project: Noise Impact Assessment

Client: Pro-Pine Pty Ltd

Project No.: J001911

Compiled by: MJW Date: 25/03/2025
Approved by: RJM Date: 25/03/2025

0 150 300 Metres

Legend

- Cadastre
- Site boundary
- Operational footprint
- 500m buffer
- Sensitive Receptors
- Roads

The content of this document includes third party data. Range Environmental Consultants does not guarantee the accuracy of such data.

Source: Cadastral data sourced from DNRME (2025).

N

range environmental consultants

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Table 4 Potential impacts and mitigation measures

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment
Land	Spill/leak from chemical storages or during refuelling or handling activities causes a release of contaminants to soil.	Unlikely	Insignificant	Low	• All chemicals stored onsite in containers greater than 15L are provided with secondary containment (including self-bunding, concrete containment area, bunded pallets, spill trays, etc.). • Refuelling of mobile equipment shall be undertaken at the location of the self-bunded AST only. • Any spills/leaks that occur at the site shall be absorbed using the sawdust produced onsite. • Plant and equipment shall be maintained as per the manufacturer's specifications. • Spills and leaks of contaminants at the site are not anticipated to present a significant soil contamination risk.
	Contaminated firewater is released from the site during an emergency and adversely impacts soil quality.	Unlikely	Minor	Low	• During operations at the site, measures shall be undertaken to reduce the possibility of fire, including regular housekeeping to reduce build-up of combustible materials, regular waste removal, and maintenance of plant and equipment. • In the event of a fire at the site, the use of firewater shall be minimised as far as reasonably practicable and measures to contain firewater onsite shall be employed as required. • The SBMP outlines further measures that shall be taken to reduce the risk of fire at the site. • The proposed operations are not anticipated to present a significant soil contamination risk in the event of a fire.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment
	Poor management of solid or liquid wastes causes a release to land.	Unlikely	Insignificant	Low	• General and recyclable wastes shall be stored in covered bins and removed from the site weekly for disposal or recycling by JJ Richards. • Regulated wastes generated from onsite servicing of mechanical plant and equipment shall be removed offsite by the service technicians at the end of each task/day (whichever occurs first). • There shall be no onsite waste disposal or burning of wastes. • ViridAU's Air Quality Impact Assessment demonstrated that air emissions from wind erosion of designated stockpiling locations of sawdust, timber waste and exposed areas can be mitigated to minimise a release to land. • Storage of wastes at the site is not anticipated to present a significant soil contamination risk.
Water (stormwater, surface water and groundwater)	Spill/leak from chemical storages or during refuelling or handling activities causes a release of contaminants to stormwater, surface water or groundwater.	Unlikely	Insignificant	Low	• All chemicals stored onsite in containers greater than 15L are provided with secondary containment (including self-bunding, concrete containment area, bunded pallets, spill trays, etc.). • Refuelling of mobile equipment shall be undertaken at the location of the self-bunded AST only. • Any spills/leaks that occur at the site shall be absorbed using the sawdust produced onsite. • Plant and equipment shall be maintained in accordance with the manufacturer's specifications. • Stormwater within the operational footprint shall be managed in accordance with the Stormwater Management Plan prepared by

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment
					RMA Engineers, which demonstrated the following: • A sediment basin has been designed for the 24 hour 10% AEP storm event to mitigate sediment loads leaving a portion of the development site in accordance with DETSI's Stormwater Guideline: Environmentally Relevant Activities (ESR/2015/1653) to minimise the risk of contaminated stormwater leaving the site. • Channels have been designed to convey runoff internal to the development to the sediment basins and around the site operations. • The proposed development will reduce the size of the contributing catchments discharging external to the site. The reduced catchments will therefore not increase the median post-developed peak flow discharging from the site. • Groundwater is deep (at least 24 mbgl) and at a low risk of impact. • Spills and leaks of contaminants at the site are not anticipated to present a significant contamination risk to waters.
	Contaminated firewater is released from the site during an emergency and adversely impacts water quality.	Unlikely	Minor	Low	• Groundwater is deep (at least 24 mbgl) and at a low risk of impact. • During operations at the site, measures shall be undertaken to reduce the possibility of fire, including regular housekeeping to reduce build-up of combustible materials, regular waste removal, and maintenance of plant and equipment. • In the event of a fire at the site, the use of firewater shall be minimised as far as reasonably practicable and measures to

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment
					contain firewater onsite shall be employed as required. • The SBMP outlines further measures that shall be taken to reduce the risk of fire at the site. • The proposed operations are not anticipated to present a significant contamination risk to waters in the event of a fire.
	Poor management of solid or liquid wastes causes a release of contaminants to stormwater, surface water or groundwater.	Rare	Insignificant	Low	• General and recyclable wastes shall be stored in covered bins and removed from the site weekly for disposal or recycling by JJ Richards. • Regulated wastes generated from onsite servicing of mechanical plant and equipment shall be removed offsite by the service technicians at the end of each task/day (whichever occurs first). • There shall be no onsite waste disposal or burning of wastes. • ViridAU's Air Quality Impact Assessment demonstrated that air emissions from wind erosion of designated stockpiling locations of sawdust, timber waste and exposed areas can be mitigated to minimise a release to waters. • The storage of wastes at the site is not anticipated to present a significant contamination risk to waters.
Noise, Air, GHG emissions, Odour and Light	Noise emissions from the operation of plant/equipment and vehicle movements causes nuisance at sensitive receptors.	Unlikely	Minor	Low	• The closest sensitive receptor to the site is an existing residential dwelling (Receptor 1) located approximately 336 m west of the operational footprint (stockpiling adjacent to Mill 1) (Figure 2). • The dense forest areas surrounding the site provide a foliage volume attenuation with an effective height of 10m.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment

					• The Noise Impact Assessment prepared by ViridAU (Reference: V25-147.RT1.02) found the following:
					  • The predicted cumulative noise levels at all residential receptors comply with the outdoor Acoustic Quality Objectives in the Environment Protection (Noise) Policy 2019.
					  • Sound insulation testing was conducted at the most exposed receptor to derive specific outdoor to indoor transmission losses with the windows open. Predicted internal noise levels calculated with the measured outdoor to indoor sound transmission losses comply with the indoor Acoustic Quality Objectives in the
					  • Environment Protection (Noise) Policy 2019 for the daytime and night-time period, and with the sleep disturbance criterion.
					• All plant and equipment associated with timber milling, woodchipping and maintenance works shall be restricted to the daytime period (7:00am to 4:00pm). The only noise sources that shall be operational during the night-time period (6:00am to 7:00am) are light and heavy vehicles, the 30t excavator, wheeled loader and mini loader.
					• The SBMP provides further management measures that shall be implemented at the site to minimise noise emissions.
					• Note - Ongoing noise monitoring is not required for the following reasons:
					  • Sleep disturbance at nearby sensitive receptors is a low risk due to the daytime operating hours of the timber milling and woodchipping activities.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment
					• There is no history of noise complaints at the nearest and most sensitive receptor (Receptor 1). • The predicted cumulative noise levels complied with the relevant noise assessment criteria. • Pro-Pine shall proactively manage noise emissions as outlined above. • The proposed operations are not anticipated to present a significant noise nuisance risk due to the separation distances to sensitive receptors, the daytime operations of milling and woodchipping activities and the demonstrated façade attenuation levels for the nearby sensitive receptors.
	Air emissions from the operation of plant and equipment, timber processing, and the stockpiling of woodchip and sawdust causes nuisance at sensitive receptors.	Unlikely	Insignificant	Low	• No complaints of air quality nuisance have been received for the existing sawmill operations. • Dispersion modelling of air emission sources in ViridAU's Air Quality Impact Assessment demonstrated that air emissions from the proposed operations complied with the relevant air quality criteria. • The SBMP includes mitigation measures to minimise dust emissions from the proposed operations. • The proposed operations are not anticipated to cause air quality nuisance at sensitive receptors.
	Odour emissions from the operation of plant and equipment, timber processing, and the stockpiling of woodchip and sawdust causes nuisance at sensitive receptors.	Unlikely	Insignificant	Low	• The closest sensitive receptor to the site is an existing residential dwelling (Receptor 1) located approximately 336 m west of the operational footprint (stockpiling adjacent to Mill 1) (Figure 2).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Environmental Value	Potential Impact	Likelihood	Consequence	Risk	Comment
					• ViridAU's Air Quality Impact Assessment does not present any sources of odour as a matter of concern regarding environmental nuisance. • The proposed operations are not anticipated to cause odour impacts at nearby sensitive receptors.
	GHG emissions are released to the atmosphere as a direct result of the operation of the sawmill (i.e., Scope 1 under the DETSI's GHG Guideline) that significantly contributes to climate change.	Unlikely	Insignificant	Low	The following information was collated to respond to Table 3 of the DETSI's Greenhouse gas emissions guideline (2024) regarding the application requirements for low emitters (i.e., generate <25,000t CO_2-e per year): • ViridAU's Air Quality Impact Assessment included an assessment of total Scope 1 and Scope 2 emissions, which was calculated to be 1078t CO_2-e per year. • Therefore, the proposed operation is categorised as a low emitter and does not require annual reporting of GHG emissions.
	Light emissions from the site causes nuisance at sensitive receptors.	Unlikely	Insignificant	Low	• Outdoor lighting at the site shall comply with Australian Standard *AS4282 Control of the Obtrusive Effects of Outdoor Lighting*. • Light spill emissions from the site will be shielded by existing vegetation between the site and nearby sensitive receptors. • Nuisance impacts in relation to light emissions from the site are unlikely due to separation distances.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

4 Environmental Management

4.1 Management Commitment

Pro Pine Pty Ltd is committed to providing a high standard of environmental performance, protection, and conservation of the natural environment at the site. This will be achieved by practicing good environmental management and the ongoing measurement, evaluation, and review of performance to ensure continual improvement.

Pro Pine Pty Ltd are committed to:

- Complying with all legal and other obligations that apply to the site for environmental protection.
- Providing adequate resources to implement this SBMP and the associated environmental protection and monitoring measures.
- Achieving the environmental goals outlined in the Environmental Control Plans (ECPs) provided at Section 4.3.
- Monitoring compliance with this SBMP and seeking to continually improve environmental performance at the site.

4.2 Environmental Management Responsibilities

4.2.1 General Environmental Duty

All personnel at the site shall comply with their General Environmental Duty under the *Environmental Protection Act 1994* (EP Act). This means a person must not carry out any activity that causes, or is likely to cause environmental harm, unless all reasonably practicable measures to prevent or minimise the harm have been taken.

4.2.2 Duty to Notify of Environmental Harm

All persons have a duty under the EP Act to notify the Department of the Environment, Tourism, Science and Innovation (DETSI) of incidents or emergencies that cause or threaten material or serious environmental harm. This obligation is detailed further at Section 7.

4.2.3 Duty to Restore the Environment

All persons have a duty under the EP Act to take actions as soon as reasonably practicable to rehabilitate or restore the environment as far as reasonably practicable to its condition before the harm was caused. The duty to restore applies if a person has caused or permitted an incident involving contamination to occur that results in unlawful environmental harm.

When deciding the measures required to restore the environment, regard for the following must be had:

- The nature and extent of the environmental harm caused by the contamination.
- The sensitivity of the receiving environment to remedial measures that might be taken in relation to the environmental harm.
- The current state of technical knowledge for remedial measures that might be taken in relation to the environmental harm.
- The likelihood of successful application of the different measures that might be taken in relation to the environmental harm.
- The financial implications of the different measures that might be taken in relation to the environmental harm.

The Duty to Restore the Environment Information Sheet can be downloaded from the DETSI website.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

4.2.4 Roles and Responsibilities

All personnel, including sub-contractors and visitors, are responsible for environmental protection during operations and maintenance works at the site. Responsibilities and reporting lines for environmental matters are described in Table 5.

Table 5 Roles and responsibilities

Role	Responsibilities	Reports to
Site Manager	• Ensure operations comply with all relevant regulatory and project requirements by undertaking routine monitoring of site operations. • Monitor changes to legislation which may affect site operations. • Ensure this SBMP is fully implemented, and environmental protection is not secondary to operational requirements. • Provide adequate resources for the implementation of the SBMP. • Ensure that all personnel understand, accept, and fully carry out their obligations for environmental protection and that they are adequately trained, instructed and resourced to fulfil their obligations. • Undertake the annual environmental management review and SBMP review. • Seek relevant approvals for any required works or changes to the site conditions outside the limits of the applicable approvals/permits/plans. • Conduct environmental incident investigations as required. • Direct that works be stopped immediately where there is an actual or potential risk of environmental harm. • Comply with General Environmental Duty, Duty to Notify of Environmental Harm and Duty to Restore the Environment.	Regulatory authorities
Other personnel (includes staff, inspectors, sub-contractors, site visitors and other personnel).	• Regard environmental protection as a central theme in their actions. • Conduct operations as per the SBMP to reduce the risk of adverse environmental impacts. • Report any defects in plant or equipment and keep the workplace in a tidy state. • Notify the Site Manager of any unexpected changes to site conditions. • Assist with environmental incident investigations as required. • Stop works where there is an actual or potential risk of environmental harm and notify the Site Manager. • Comply with General Environmental Duty, Duty to Notify of Environmental Harm and Duty to Restore the Environment.	Site Manager

4.3 Environmental Control Plans

Environmental Control Plans (ECPs) have been developed to document site-specific environmental management measures to address the key environmental management considerations for the site. Alternative controls to those outlined in the ECPs may be adopted if the objectives of the relevant

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

ECP can still be met and should be documented in an updated SBMP. The ECPs provide management measures in relation to:

1. Air, noise, and light.
2. Land and water.
3. Dangerous goods and hazardous substances.
4. Liquid and solid waste.
5. Weeds and pests.

Specific controls in relation to environmental emergency preparation and response (fire, heavy rain, and spill response) are provided at Section 8.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

ECP 1 – Air, noise, and light management measures		
Guidelines and Legislative Requirements		
EPP Air, EPP Noise, EP Act, Development Approval and Environmental Authority.		
Performance Goal		
No complaints of nuisance regarding air, noise, or light emissions from the site.		
Management Actions	**Responsibility**	**Frequency**
Noise		
All plant and equipment associated with timber milling, woodchipping and maintenance works shall be restricted to the daytime period (7:00am to 4:00pm). The only noise sources that shall be operational during the night-time period (6:00am to 7:00am) are light and heavy vehicles, the 30t excavator, wheeled loader and mini loader.	All persons	At all times
Maintain plant and equipment in accordance with the manufacturer's requirements to minimise noise emissions.	Site Manager	At all times
When purchasing new equipment, models with low noise emissions shall be preferred where practicable.	Site Manager	As required
No unnecessary revving or idling of engines on mobile and stationary machines and shut down any equipment not in use.	All persons	At all times
Minimise the drop height of materials when transferring (e.g., loading and unloading vehicles).	All persons	At all times
Air Quality and Odour		
Plant and equipment shall be inspected and maintained in accordance with the manufacturer's specifications to minimise fugitive air emissions from leaking plant and equipment.	Site Manager	At all times
General waste bins shall be covered and emptied weekly to prevent wind-blown litter and odour emissions.	Site Manager	At all times
Dust suppression measures (e.g., surface watering by a water truck) shall be used on unsealed surfaces to minimise dust emissions.	Site Manager	As required
Light and heavy vehicles shall be limited to a 20 km/hr speed limit onsite for unsealed surfaces.	Site Manager	At all times
The sawdust extraction system shall be used to stockpile sawdust within the designated stockpiling area from operations at Mill 1 and Mill 2.	Site Manager	At all times
No burning of wastes or other materials on site shall be permitted.	All persons	At all times
Lighting		
All external lighting at the site shall comply with Australian Standard *AS4282 Control of the Obtrusive Effects of Outdoor Lighting.*	Site Manager	At all times
Monitoring		
Site inspections shall include monitoring of site conditions and work practices to ensure compliance with the SBMP for air, noise, and light emissions.	Site Manager	Monthly
Air, noise, or light monitoring at sensitive receptors shall be undertaken by a suitably qualified person if a written request is made by the administering authority to investigate a complaint of nuisance.	Site Manager	As required
Corrective Actions		

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Complaints and incidents in relation to air, light and noise emissions from the site shall be investigated by the Site Manager to identify necessary corrective actions for implementation.		
Reporting		
Monitoring results shall be provided to the administering authority within 28 business days of a request to conduct nuisance-based monitoring.	Site Manager	As required

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

ECP 2 – Land and water management measures		
Guidelines and Legislative Requirements		
EP Act, EPP Water and Wetland Biodiversity, Stormwater Management Plan, Development Approval and Environmental Authority.		
Performance Goal		
To minimise the risk of adverse impacts to soil or water (stormwater, surface water and groundwater) resources and on environmentally sensitive areas.		
Management Actions	**Responsibility**	**Frequency**
General Management Requirements		
Chemical handling and storage at the site shall be managed in accordance with ECP 3 – Dangerous goods and hazardous chemical management measures.	All persons	At all times
Wastes generated onsite shall be managed in accordance with ECP 4 – Liquid and solid waste management measures.	All persons	At all times
Stormwater within the operational footprint shall be managed in accordance with the Stormwater Management Plan (2025) prepared by RMA Engineers.	Site Manager	At all times
Spills and Leak Prevention and Response		
Maintain and operate plant and equipment within the manufacturer's recommended performance specifications.	All persons	At all times
Spills shall be cleaned up immediately using sawdust produced onsite as the absorbent agent.	All persons	At all times
Personnel shall be trained in spill prevention and spill response/control procedures.	Site Manager	At all times
Emergency – Fire Water		
During operations, undertake all reasonable and practicable management measures to prevent a fire (refer to Section 8.1).	All persons	At all times
Minimise water use during a fire as far as safe and practicable to limit wastewater generation.	All persons	During a fire
Contained firewater shall be removed by a regulated waste contractor.	Site Manager	During a fire
Monitoring		
If soil or water contamination is encountered at the site or occurs during operations and causes or threatens material or serious environmental harm, it shall be investigated and managed by a Suitably Qualified Person in accordance with the EP Act, National Environmental Protection (Assessment of Site Contamination) Measure 1999 (Amended 2013) and the Monitoring and Sampling Manual 2018.	Site Manager	As required
Corrective Actions		
Incidents in relation to soil and water management at the site shall be investigated by the Site Manager to identify necessary corrective actions for implementation.		
Reporting		
If runoff from the site causes or threatens serious or material environmental harm, the incident shall be notified to the DETSI (refer to Section 7.3).	Site Manager	As required

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

ECP 3 – Dangerous goods and hazardous chemical management measures		
Guidelines and Legislative Requirements		
EP Act, Development Approval, Environmental Authority, *AS1940-2017: The Storage and Handling of Flammable and Combustible Liquids* and Workplace Health and Safety Queensland's Managing Risks of Hazardous Chemicals in the Workplace 2021.		
Performance Goals		
No environmental harm caused by the storage, use or handling of dangerous goods or hazardous substances at the site.		
Management Actions	**Responsibility**	**Frequency**
General Management Requirements		
Spills shall be cleaned up immediately using sawdust produced onsite as the absorbent agent.	All persons	At all times
Personnel shall be trained in spill prevention and spill response/control procedures.	Site Manager	At all times
Appropriate fire extinguishers shall be provided on site for flammable and combustible chemicals and materials.	Site Manager	At all times
All chemicals stored onsite in containers greater than 15L shall be provided with secondary containment (e.g., self-bunding, concrete containment area, bunded pallets, spill trays, etc.). Bunds should be large enough to contain the volume of the largest container + 10%.	Site Manager	At all times
No onsite disposal of chemical wastes shall be permitted. Any chemical wastes shall be removed as regulated waste by a regulated waste contractor.	All persons	At all times
All dangerous goods and/or hazardous substances shall be classified, stored, labelled, and used in accordance with the Code of Practice, Safety Data Sheets (SDS), manufacturer's requirements and the relevant Australian Standard.	All persons	At all times
Plant and Equipment Maintenance		
Spill kits, drip trays, and any other necessary controls shall be used during maintenance or repair works to plant and equipment.	Service Contractors	As required
Wastes generated from plant and equipment maintenance or repair works (e.g., waste oil, oil filters, oily rags, etc.) shall be removed offsite at the end of each task/day (whichever occurs first).	Service Contractors	As required
Pre-start checks shall be completed on all plant and equipment.	Operators and Site Manager	Daily
Plant and equipment shall be operated and maintained in accordance with the manufacturer's specifications.	All persons	At all times
Funnels, extended nozzles, or quick release nozzles shall be used to minimise fuel spillage when refuelling mobile equipment at the site.	All persons	At all times
Monitoring		
Inspect dangerous goods and hazardous chemical storages.	Site Manager	Monthly
Monitor equipment operating hours/mileage to ensure plant and equipment are serviced at the required intervals.	Site Manager	Ongoing
Corrective Actions		
Incidents in relation to dangerous goods and hazardous chemical storage and handling at the site shall be investigated by the Site Manager to identify necessary corrective actions for implementation.		
Reporting		

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Large spills that cause or threaten serious or material environmental harm shall be notified to the DETSI (refer to Section 7.3).	Site Manager	As required
An SDS register shall be kept on site for all chemicals stored and shall be updated at least every five (5) years.	Site Manager	At all times
Daily pre-start forms shall be kept with the plant and equipment.	Operators and Site Manager	At all times
Service records shall be retained and made available upon request.	Site Manager	At all times

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

ECP 4 – Liquid and solid waste management measures		
Guidelines and Legislative Requirements		
EP Act, Environmental Protection Regulation 2019, *Waste Reduction and Recycling Act 2011*, Development Approval and Environmental Authority.		
Performance Goals		
• Wastes correctly segregated and stored. • No onsite waste disposal or burning of wastes. • All wastes transported by appropriately licensed waste transporters to waste facilities that are licensed to receive the wastes. • No unauthorised release of wastes to the environment that causes environmental harm.		
Waste Management Hierarchy		
The waste and resource management hierarchy below is an extract from the *Waste Reduction and Recycling Act 2011*. It lists the preferred order in which waste and resource management options should be considered: a. AVOID unnecessary resource consumption. b. REDUCE waste generation and disposal. c. RE-USE waste resources without further manufacturing. d. RECYCLE waste resources to make the same or different products. e. RECOVER waste resources, including the recovery of energy. f. TREAT waste before disposal, including reducing the hazardous nature of waste. g. DISPOSE of waste only if there is no viable alternative. Waste management for the site shall adhere to the waste management hierarchy.		
Management Actions	**Responsibility**	**Frequency**
The site shall be kept in a clean and tidy state.	All persons	At all times
Wastes of any kind shall not be burnt or disposed of on site.	All persons	At all times
General wastes shall be segregated and stored in covered bins to prevent windblown litter, access by birds/vermin and rainfall ingress and shall be removed offsite weekly for disposal at a licensed waste facility.	All persons	At all times
Regulated wastes generated from onsite maintenance activities shall be removed offsite at the end of each task/day (whichever occurs first) by the service contractor.	Site Manager and Service Contractors	As required
Any sawdust used as a chemical spill absorbent shall be removed offsite by a regulated waste contractor.	Site Manager	As required
Monitoring		
Site inspections shall include review of waste management practices.	Site Manager	Monthly
Review waste streams and quantities to identify opportunities to improve waste management in line with the waste management hierarchy.	Site Manager	Annually
Corrective Actions		
Incidents in relation to waste management at the site shall be investigated by the Site Manager to identify necessary corrective actions for implementation.		
Reporting		
Retain records/receipts of waste removal from the site.	Site Manager	As required

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

ECP 5 – Weed and pest management measures		
Guidelines and Legislative Requirements		
Biosecurity Act 2014, Development Approval and Environmental Authority.		
Performance Goal		
To prevent the introduction and/or spread of invasive weeds and animals at the site.		
Management Actions	**Responsibility**	**Timing**
Putrescible wastes (e.g., food wastes) shall be kept in covered bins to prevent access by vermin and be removed from the site weekly.	Site Manager	At all times
Feeding of wild animals at the site is prohibited.	All persons	At all times
Weed management activities shall be undertaken as required to control weeds that are listed under the *Biosecurity Act 2014* using registered herbicides only.	Site Manager	As required
Pest animal control shall only be undertaken by contractors with appropriate permits and licences.	Site Manager	As required
Ensure all staff and sub-contractors are aware of fire ant carrier materials (e.g., soil, baled hay or straw, animal products/by-products, plant material (mulch, sawdust, green waste, compost)).	Site Manager	At all times
Ensure all materials (e.g., sawdust product) are transported offsite in accordance with relevant regulatory controls for Fire Ants. Fire Ant Biosecurity Zone maps and material movement advice tools can be accessed from the National Fire Ant Eradication Program website. This should be checked prior to moving materials offsite to determine if there are any applicable movement restrictions or permits required (e.g., Biosecurity Instrument Permit).	Site Manager	At all times
If fire ants are encountered at the site, they shall be reported to Biosecurity Queensland within 24 hours. Reporting details are provided on the National Fire Ant Eradication Program website. The Site Manager shall consult with Biosecurity Queensland on relevant controls/exclusion areas to implement if Fire Ants are encountered.	All persons	As required
Monitoring		
Site inspections shall include monitoring for invasive weeds and/or pests.	Site Manager	Monthly
Corrective Actions		
Incidents in relation to weed and pest management at the site shall be investigated by the Site Manager to identify necessary corrective actions for implementation.		
Professional pest control shall be undertaken in response to an identified outbreak at the site.		
Reporting		
If invasive plants and/or animals listed as Category 1 or 2 restricted matter at Schedule 2 of the *Biosecurity Act 2014* are identified at the site, these shall be reported to Biosecurity Queensland by calling 13 25 23.	Site Manager	Within 24 hours of becoming aware

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

5 Rehabilitation Plan

Where disturbed land at the site will not be subject to any further disturbance and is not required for any current or future operational use, it shall be rehabilitated. Rehabilitation shall be planned and executed to ensure that:

- Any infrastructure that is not required by the landholder is removed and any infrastructure that is required by the landholder is left in a safe and stable condition.
- All liquid and solid wastes are removed from the site.
- Suitable vegetation for the location and any proposed future land use is established and sustained for exposed earthen surfaces to minimise erosion.
- The quality of soil and water, including seepage, released from the site does not cause environmental harm.
- The potential for environmental nuisance caused by dust is minimised.
- The final landform is stable and protects the safety of humans, stock, and wildlife.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

6 Complaint Management

All complaints shall be recorded by the Site Manager in the complaint log (Appendix A). The following details must be recorded for all complaints received:

- Time, date, name, and contact details of the complainant.
- Reason for the complaint.
- Any investigations undertaken.
- Conclusions formed.
- Any actions taken.
- Feedback to the complainant.
- Assessment of the complainant's attitude to the company response.
- Further follow-up action as required.

All complaints shall be investigated and managed in accordance with Figure 3 below.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

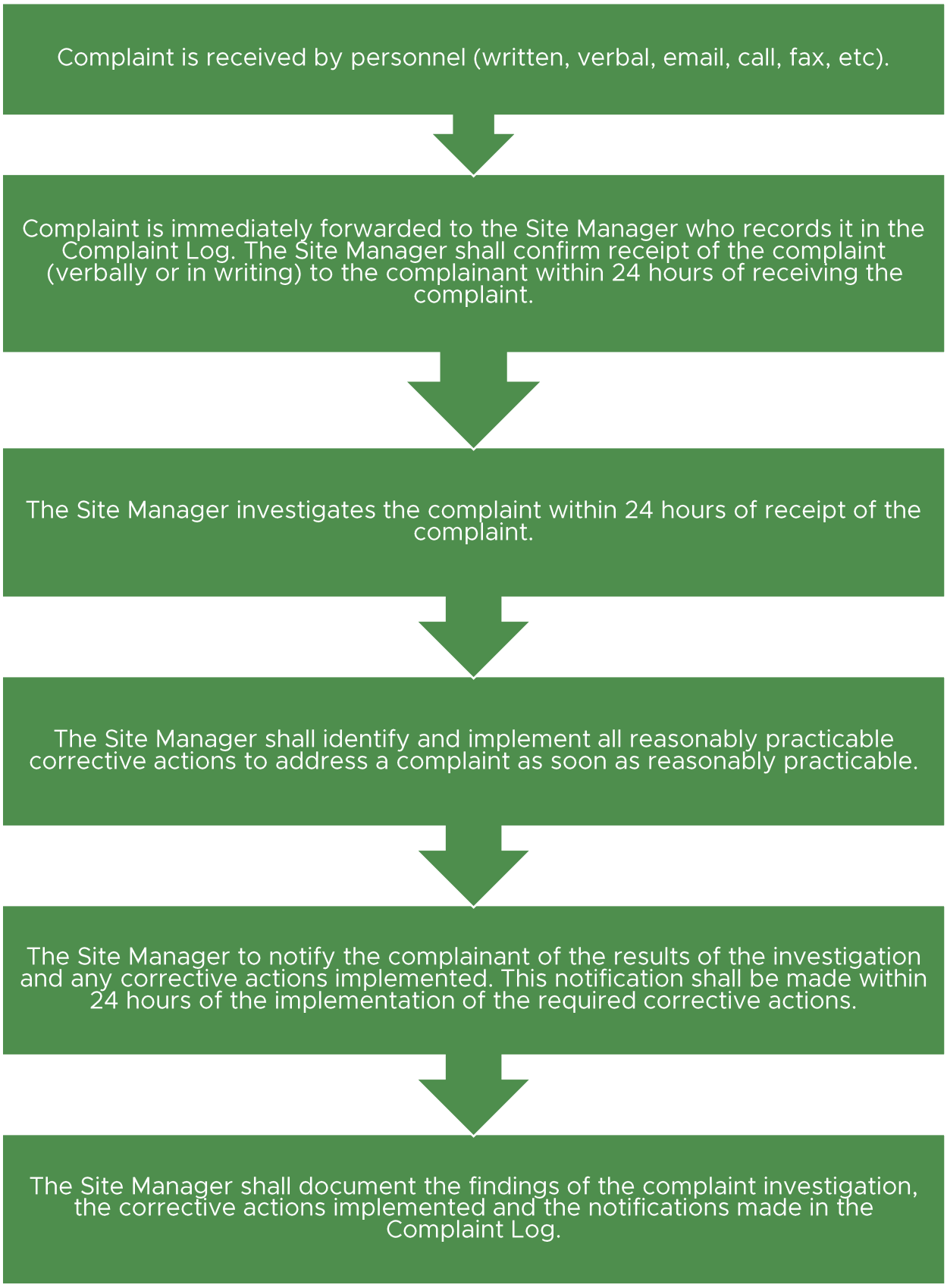


Figure 3 Complaint management flow chart

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

7 Environmental Hazards, Incidents & Emergencies

7.1 Categories of Environmental Harm

There are three (3) categories of environmental harm for environmental incidents and emergencies under the EP Act (Table 6).

Table 6 Categories of environmental harm

Category	Definition	Internal reporting required?	External reporting required?
Nuisance	An unreasonable interference or likely interference with an environmental value caused by: • Aerosols, fumes, light, noise, odour, particles, or smoke; or • An unhealthy, offensive, or unsightly condition because of contamination; or • Another way prescribed by regulation.	Yes	Yes, but only if a breach of an EA condition (refer to Section 12.1)
Material	Environmental harm that: • Is not trivial or negligible in nature, extent or context; • Causes actual or potential loss or damage to property of an amount of, or amounts totalling, $10K-$100K; or • Results in costs of $10K-$100K for actions to prevent or minimise the harm and rehabilitate or restore the environment to its condition before the harm. • Note – Matters which are characterised as environmental nuisance (e.g., odour, noise, etc.) may constitute environmental harm that is material.	Yes	Yes
Serious	Environmental harm that: • Is irreversible, or a high impact or widespread; • Causes harm to an area of high conservation value or special significance; • Causes actual or potential loss or damage to property of an amount of, or amounts totalling more than $100K; or • Results in costs of more than $100K for actions to prevent or minimise the harm and rehabilitate or restore the environment to its condition before the harm. • Note – Matters which are characterised as environmental nuisance (e.g., odour, noise, etc.) may constitute environmental harm that is serious.	Yes	Yes

7.2 Environmental Hazards, Incidents and Emergencies

7.2.1 Hazard and Incident Reporting

All environmental hazards, incidents and emergencies must be reported to the Site Manager as soon as possible, but no longer than 24 hours, after becoming aware of the matter.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

All hazards, incidents and emergencies shall be recorded by the Site Manager and investigated to identify root causes and the appropriate course of action taken to prevent a recurrence. Corrective actions are to be evaluated on the basis of the hierarchy of controls with the aim of elimination of the impacts identified. This SBMP may require review and amendment following identification of a hazard, incident, or emergency.

If a hazard, incident, or emergency causes or threatens material or serious environmental harm, refer to Section 7.3 for external reporting requirements.

7.2.2 Incident Management & Investigation

All incidents shall be investigated by the Site Manager to determine:

- Nature, type, location and extent of the incident and the affected area.
- Actual and/or potential environmental impacts of the incident.
- Suspected cause/s of the incident.
- Measures required to stop any further environmental harm.
- Remedial measures required to correct any environmental harm.
- Management measures to be implemented to prevent a recurrence of the incident.
- Incident reporting requirements for regulatory authorities (refer to Section 7.3 below).

The requirements for the environmental assessment of impacts of an incident shall be determined by the Site Manager who may seek advice from an environmental consultant. If an incident involves serious or material environmental harm or a breach of an Environmental Authority condition, the regulatory authority may also advise/direct the environmental assessment.

The assessment may include environmental monitoring of a contaminant release. Based on the nature and type of the incident, the Site Manager, in consultation with their environmental consultant, shall determine:

- Sampling and analytical requirements.
- Applicable guidelines or thresholds to apply to data for assessing compliance and level of impact.

7.3 External Reporting of Material or Serious Environmental Harm

All persons who become aware, or ought reasonably to have become aware, have a duty to notify the DETSI of incidents or emergencies that cause or threaten material or serious environmental harm. Environmental incidents or emergencies that cause or threaten material or serious environmental harm shall be reported to the DETSI in accordance with Table 7.

Table 7 External reporting of material or serious environmental harm

By	To	Within	Method
Visitors, staff, or contractors	Site Manager	24 hours of becoming aware of the matter.	Verbal or written.
	If the Site Manager cannot be contacted, notification must be made directly to the DETSI.		Verbal initially followed by written.
Site Manager	DETSI	24 hours of becoming aware of the matter. This 24-hour period starts as soon as the Site Manager is first notified.	Verbal initially followed by written.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

The Duty to Notify of Environmental Harm Guideline and standard written notification form to the DETSI for material or serious environmental harm can be downloaded from the DETSI website. Contact details for the DETSI are provided in Table 8 below.

Table 8 DETSI contact details

Method of contact	Details
Pollution Hotline	1300 130 372
Fax	(07) 3330 5875
Email	pollutionhotline@detsi.qld.gov.au
Web	https://www.detsi.qld.gov.au/
Registered Post	Permit and Licence Management Department of the Environment, Tourism, Science and Innovation GPO Box 2454 Brisbane 4001

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

8 Emergency Preparation and Response

This section provides an overview of preparation and response requirements for environmental emergencies that could reasonably be expected to occur at the site during operations. Incident reports and investigations are to be completed for any emergency at the site.

8.1 Fire

A fire has the potential to threaten the safety or health of people, cause environmental harm and/or damage infrastructure and equipment. The risk of fire at the site shall be reduced by:

- Provision and maintenance of firefighting equipment, such as fire extinguishers, at strategic locations on site.
- Monitor weather and bushfire warnings in the media.
- Maintain the existing firebreaks and access tracks at the site.
- Regular monitoring and maintenance of plant and equipment in accordance with manufacturer's specifications.
- Training site personnel in emergency response to fire and the use of fire safety equipment.
- Compliance with *AS1940-2017: The storage and handling of flammable and combustible liquids.*
- Identification of a designated smoking area which is away from combustible materials and has a cigarette bin.
- Regular housekeeping at the site to prevent the accumulation of combustible materials.
- No burning of wastes or other materials at the site shall be permitted.

If a fire cannot be safely controlled with onsite resources, the matter shall be referred immediately to emergency services by calling triple zero (000).

8.2 Heavy Rain

The site is not mapped in a Flood Hazard Area under the Flood Hazard Overlay of the South Burnett Planning Scheme or under State Planning Policy (SPP) mapping but may be subject to heavy rainfall and localised flooding. To prevent the potential contamination of stormwater and impacts on the downstream receiving environment, the following strategies shall be employed:

- Keep the site in a clean and tidy state at all times.
- Ensure all stormwater infrastructure and controls outlined in the Stormwater Management Plan prepared for the site are fully operational and maintained.
- If heavy rainfall is forecast, prepare the site by ensuring that plant, equipment, and materials are securely stored to minimise their contact with rainfall and stormwater where practicable.
- Ensure all leaks and spills have been cleaned up and the source of the leak/spill rectified.

8.3 Spill Response

A chemical spill has the potential to threaten the safety or health of people, create a fire hazard or cause environmental harm (on- and off-site). Where a chemical spill occurs, it shall be cleaned up immediately using the sawdust produced onsite as the absorbing agent.

A spill response flow chart is provided at Figure 4 below. If a spill cannot be safely contained and controlled with onsite resources, the matter shall be referred immediately to emergency services by calling triple zero (000).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

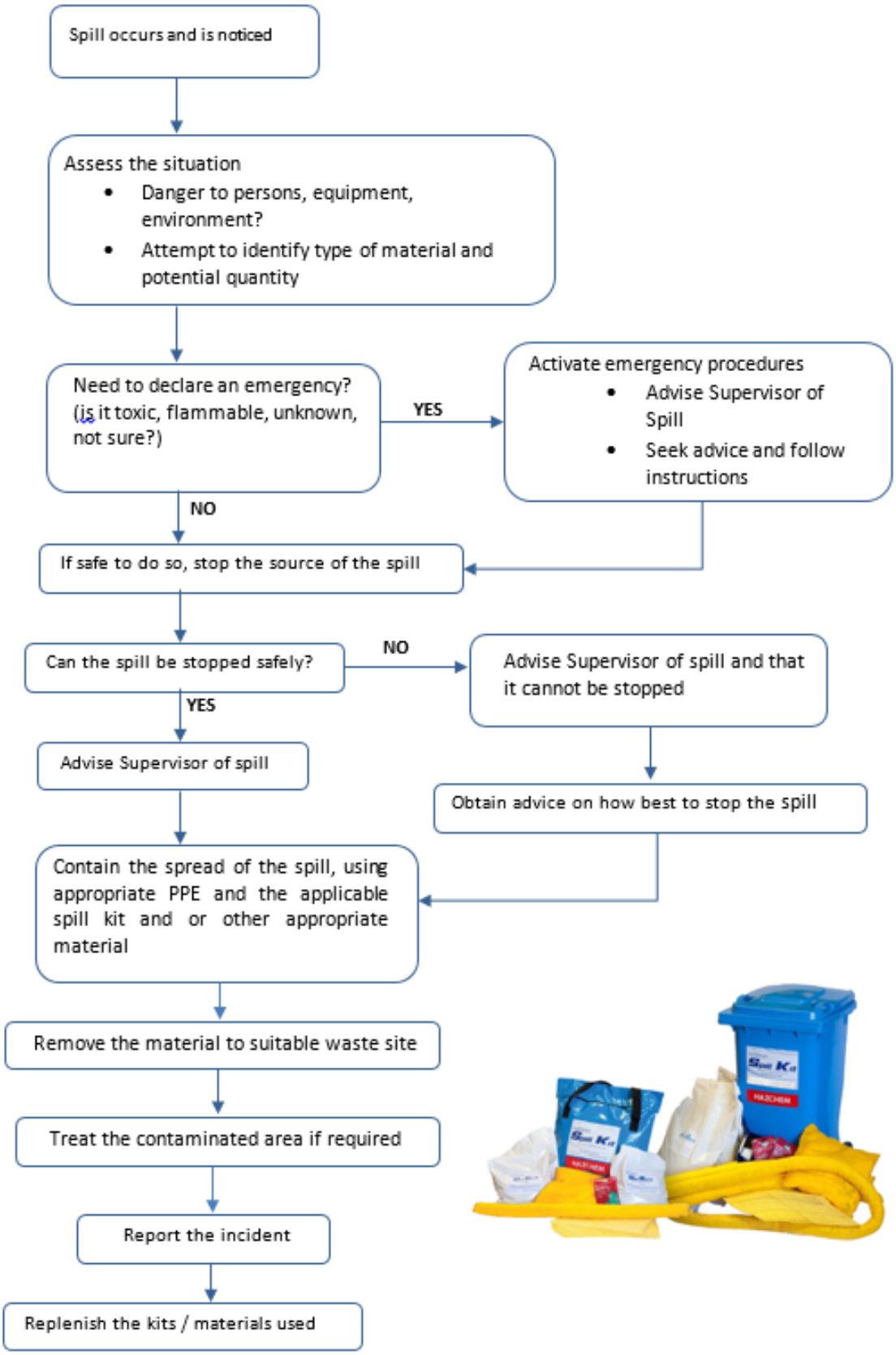


Figure 4 Spill response flow chart

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

9 Inspections and Monitoring

9.1 Site Inspections

The Site Manager shall undertake monthly environmental site inspections of operations and work practices to:

- Ensure activities are being undertaken in accordance with approved procedures.
- Confirm that appropriate controls have been identified and are in place to minimise the risk of environmental harm.
- Identify any maintenance or workplace practice issues that need to be addressed.
- Identify potential environmental hazards that need to be addressed.

9.2 Environmental Monitoring

Environmental impacts of routine and non-routine operations, incidents and emergencies shall be assessed. Where environmental monitoring is required, it shall be completed by suitably qualified and experienced persons in accordance with legislated standards and guidelines.

All equipment used for environmental monitoring shall be fit for purpose and maintained, operated, and calibrated in accordance with the manufacturer's specifications. Where analysis of samples is required, samples shall be submitted to a National Association of Testing Authorities (NATA) accredited laboratory.

Environmental monitoring records shall be retained and managed in accordance with Section 11.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

10 Training & Communication

10.1 Environmental Awareness Training

10.1.1 Inductions

A site induction shall be given upon first entry to the site and annually thereafter to all personnel (staff, contractors, and visitors) to ensure they are aware of their responsibilities and are competent to carry out works at the site. This shall include environmental awareness training which addresses the following:

- General Environmental Duty.
- Duty to Notify of Environmental Harm.
- Duty to Restore the Environment.
- Requirements of the SBMP.
- Environmental complaint, hazard and incident management and reporting.
- Emergency response.

Training records shall be maintained and kept on site in accordance with Section 11.

10.1.2 Ongoing Training

Ongoing staff training shall be undertaken as new activities are ready to start, new environmental risks are identified, or new processes are developed. This will usually be incorporated into a regular toolbox meeting and/or risk assessments prior to undertaking the job. Records of the special training sessions will be in a similar format to toolbox meeting minutes.

10.2 Internal Communication of Environmental Information

The Site Manager shall communicate information regarding environmental matters to site personnel on an as-required basis. The method of communication shall be determined by the Site Manager.

Protocols for internal reporting of environmental hazards, incidents and emergencies are outlined at Section 7.

10.3 Communication with Regulatory Authorities

There is no requirement for routine communication with regulatory authorities regarding environmental matters. Instances where communication with regulatory authorities would be required include, but may not be limited to, the following:

- Environmental hazards, incidents and emergencies that cause or threaten material or serious environmental harm shall be reported to regulatory authorities in accordance with Section 7.
- Any breach of the conditions of the Environmental Authority must be reported by the Site Manager to the administering authority within 24 hours of becoming aware of the breach (refer to Section 12.1).
- Any Notifiable Activities undertaken at the site (refer to Schedule 3 of the EP Act) shall be notified to the DETSI within 20 business days of becoming aware of the activity.
- Biosecurity matters shall be reported in accordance with ECP 5 – Weed and pest management (Section 4.3).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

11 Records Management

The Site Manager shall be responsible for managing environmental records for the site. All environmental and site maintenance records shall be made available upon request by regulatory authorities. All environmental and site maintenance records shall be retained for no less than five (5) years and monitoring results shall be retained for no less than 15 years.

Examples of records may include, but not be limited to, the following:

- Site observations and site diary entries.
- Complaints.
- Incidents, incident investigations and associated restoration works.
- Results of any environmental monitoring.
- Correspondence with regulatory authorities or any other party.
- Environmental management performance reviews.
- SBMP updates.
- Site emergencies.
- Training.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

12 Review and Improvement

12.1 Non-conformance & Corrective Actions

A non-conformance is defined as failure to comply with the requirements of this SBMP, regulatory requirements and conditions of approvals and permits. Non-conformances may be identified through monitoring, inspections, and incident investigations.

Non-conforming activities shall be stopped by any person at the site in consultation with the Site Manager. The activity shall not recommence until an appropriate corrective action has been implemented. For each identified non-conformance, a corrective action must be identified and implemented.

Any breach of the conditions of the Environmental Authority must be reported by the Site Manager to the administering authority within 24 hours of becoming aware of the breach. Records of the breach must be kept (Section 11) and include details of the breach, notifications made to the administering authority, and the corrective actions taken.

12.2 Environmental Management Performance Reviews

Environmental management performance reviews shall be undertaken annually as part of the continual improvement process. Reviews may also occur in addition to the annual reviews in response to matters that affect environmental management (e.g., incidents, emergencies, changes in site conditions and operations, permit conditions or legislation changes, etc.).

The annual environmental management review shall be undertaken by the Site Manager and any other key staff. The review shall consider:

- Monitoring and inspection results for the past year.
- Recent and relevant incidents and any lessons learnt.
- Management of complaints.
- Feedback from regulatory authorities.
- Tabling of any new legal or other obligations.
- The effectiveness of environmental controls.
- Adequacy of resources for environmental management.

Findings, actions, timeframes, and the responsible parties shall be recorded in accordance with Section 11.

12.3 SBMP Review and Update

The SBMP shall be reviewed at least annually by the Site Manager to determine if the environmental management measures are appropriate for operations and site conditions. If the SBMP is not appropriate for the operations and site conditions at the time of the review it shall be updated accordingly.

Other triggers for review and update of the SBMP outside of the annual review cycle may include, but not be limited to:

- Following the issue of project approvals and permits.
- After an incident that causes environmental harm.
- Changes to the risk profile of the operation.
- Changes to relevant legislation or project approvals.
- Changes to operational methods or site conditions that require additional or alternative environmental controls to manage risk to environmental values.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Appendices

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Appendix A Complaint Log

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Date & Time Received	Date, Time & Method of Acknowledgment	Complaint Name & Contact Details	Nature of Complaint	Investigation Findings	Corrective Actions Identified	Date Corrective Actions Implemented	Date of Complaint Close-out Notice

Appendix B Monthly Inspection Checklist

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Items Inspected	Management Actions Required? (Yes/No)
Amenity	
Site inspections shall include monitoring of site conditions and work practices to ensure compliance with the SBMP management measures relating to air, noise, and light emissions.	
Land and Water	
Inspect processing and storage areas to identify any maintenance requirements.	
Inspect spill kits and replenish as required.	
Inspect dangerous goods and hazardous chemical storages.	
Inspect waste management practices (storage and disposal methods).	
Inspect (and treat as required) property boundary and edge of trafficable areas for invasive weeds and/or pests to meet general biosecurity obligation (GBO) under the *Biosecurity Act 2014*.	

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

range
environmental
consultants

www.rangeenviro.com.au

BRISBANE
Unit 7-8, 200 Evans Road
Salisbury Qld 4107

TOOWOOMBA
Office A, 189 Hume St
Toowoomba QLD 4350

T 07 4588 6711
E admin@rangeenviro.com.au

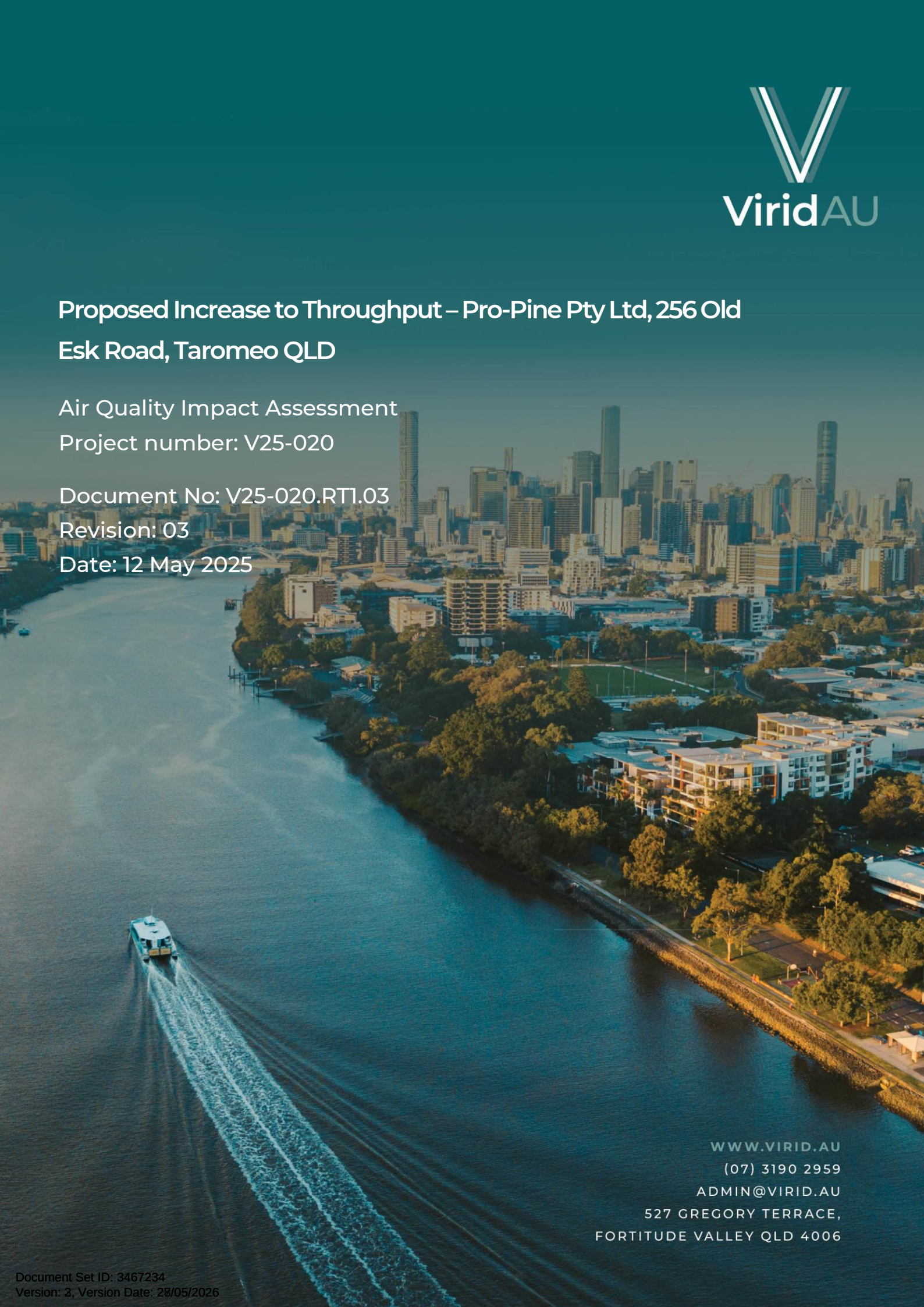
© Range Environmental Consultants 2025

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Proposed Increase to Throughput – Pro-Pine Pty Ltd, 256 Old Esk Road, Taromeo QLD

Air Quality Impact Assessment
Project number: V25-020

Document No: V25-020.RT1.03
Revision: 03
Date: 12 May 2025



WWW.VIRID.AU
(07) 3190 2959
ADMIN@VIRID.AU
527 GREGORY TERRACE,
FORTITUDE VALLEY QLD 4006

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Address

Project Site Address:

256 Old Esk Road, Taromeo QLD 4306

Document Information

Document No.	V25-020.RT1.03
Project Name	Proposed Increase in Throughput – 256 Old Esk Road, Taromeo QLD 4306
Client Name	Pro-Pine Pty Ltd
Project Manager	Abhi Aitharaju

Revisions and Authorisation

D□□□ment □ersi□n

Version	Date	Revision Description
01	31 March 2025	Version 01 – draft for review
02	07 May 2025	Final report
03	12 May 2025	Addressing comments

D□□□ment □□t□□risati□n

Role	Name	Position	Signature	Date Signed
Author	Sayli Katewale	Environmental Consultant		12 May 2025
	Meghana Shivakumar	Environmental Consultant		12 May 2025
Reviewer / Approver	Abhi Aitharaju	Principal Air Quality Consultant		12 May 2025

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Table of Contents

1 Introduction
2 Facility and Surrounds
2.1 Main Sources of Emissions
2.2 Air Quality Control Measures
2.3 Receptors Identified for the Assessment
3 Relevant Assessment Criteria
4 Background Air Quality
4.1 Monitoring Data from the TSP/PM Monitoring Station
5 Meteorological Modelling
5.1 TAPM
5.2 CALMET
5.3 Modelled Meteorology
6 Determination of Process Emissions
6.1 Emissions from Mill 1 and Mill 2 Error! Bookmark not defined.
7 CALPUFF Dispersion Model Configuration
8 Results and Discussion
8.1 Total Solid Particles (TSP) Concentrations
8.2 PM10 Concentrations
8.3 PM2.5 Concentrations
8.4 Deposited Dust
8.5 Determination of Greenhouse Gas (GHG) Emissions
9 Conclusion
10 References
Appendix A
Selection of Modelling Year
Appendix B
Fugitive Dust Emissions Inventory Background
Appendix C
Cumulative Concentration Isopleths for the Pollutants

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

List of Figures

□ig□re □□Site La□□□t
□ig□re □□□□isting and □r□□□sed □□erati□ns at Mill □
□ig□re □□□□isting and □r□□□sed □□erati□ns at Mill □
□ig□re □□□□isting and □r□□□sed tim□er mill □aste and □ar□ □r□□essing at site
□ig□re □□□is□al □□er□ie□ □□sele□ted sensiti□e re□e□t□rs
□ig□re □□□ □LM□T □redi□ted ann□al and seas□nal □ind r□ses □□r t□e m□delling □ear

List of Tables

Ta□le □□S□mmar□ □□sensiti□e re□e□t□rs
Ta□le □□S□mmar□ □□assessment □riteria
Ta□le □□S□mmar□ □□□a□□gr□□nd □□ll□tant □□n□entrati□ns ad□□ted □□r t□is assessment
Ta□le □□S□mmar□ □□T□PM settings
Ta□le □□S□mmar□ □□□□ □LM□T settings
Ta□le □□□nn□al □□giti□e emissi□ns □□r □□m□lati□e assessment – TSP□PM□□ and PM□□□
Ta□le □□Pea□ dail□ □□giti□e emissi□ns □□r □□m□lati□e assessment – PM□□ and PM□□□
Ta□le □□S□mmar□ □□□□ □LP□ □□□ m□del □□n□ig□rati□n
Ta□le □□In□remental and □□m□lati□e ann□al a□erage TSP □□n□entrati□ns
Ta□le □□□In□remental and □□m□lati□e PM□□ gr□□nd le□el □□n□entrati□ns
Ta□le □□□In□remental and □□m□lati□e PM□□□ gr□□nd le□el □□n□entrati□ns
Ta□le □□□In□remental and □□m□lati□e ann□al a□erage de□□sited d□st □□□ □redi□ted at sensiti□e re□e□t□rs □□
Ta□le □□□□stimated S□□□e □G□G emissi□n r□m □el □□m□□sti□n
Ta□le □□□□stimated S□□□e □G□G emissi□n r□m ele□tri□it□ □□ns□m□ti□n
Ta□le □□□S□mmar□ □□estimated t□tal □S□□□e □ and S□□□e □□G□G emissi□n r□m t□e □a□ilit□

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

1 Introduction

Range Environmental Consultants on behalf of Pro Pine Pty Ltd ('the proponent') have commissioned ViridAU to conduct an air quality assessment for a Material Change of Use (MCU) application to increase timber processing capacity for an existing sawmill at Old Gympie Road, Tarong QLD 4615 ('the facility') on Lots 1 and 2 on SP123456.

The site is currently approved for ERA 39 – Timber milling and Wood chipping 100,000 – 200,000 tonnes per annum (tpa) but not more than 200,000 tpa. The proponent is seeking approval to increase timber processing capacity under the following ERAs:

a) ERA 39 – Timber milling and Wood chipping 100,000 – 200,000 tpa annum (tpa) but not more than 200,000 tpa and
b) ERA 39 – Crushing, milling, griding or screening 50,000 – 200,000 tpa material.

The proposed increased throughput with no changes to the existing infrastructure.

To assess air quality impacts from the proposed increased throughput, air dispersion modelling has been conducted. Details and results are presented in the following sections of this assessment report.

Air dispersion modelling has been conducted in accordance with the QLD Department of Environment, Tourism, Science and Innovation (DETSI) guideline – *Application Requirements for Activities with impacts to Air* (the guideline).

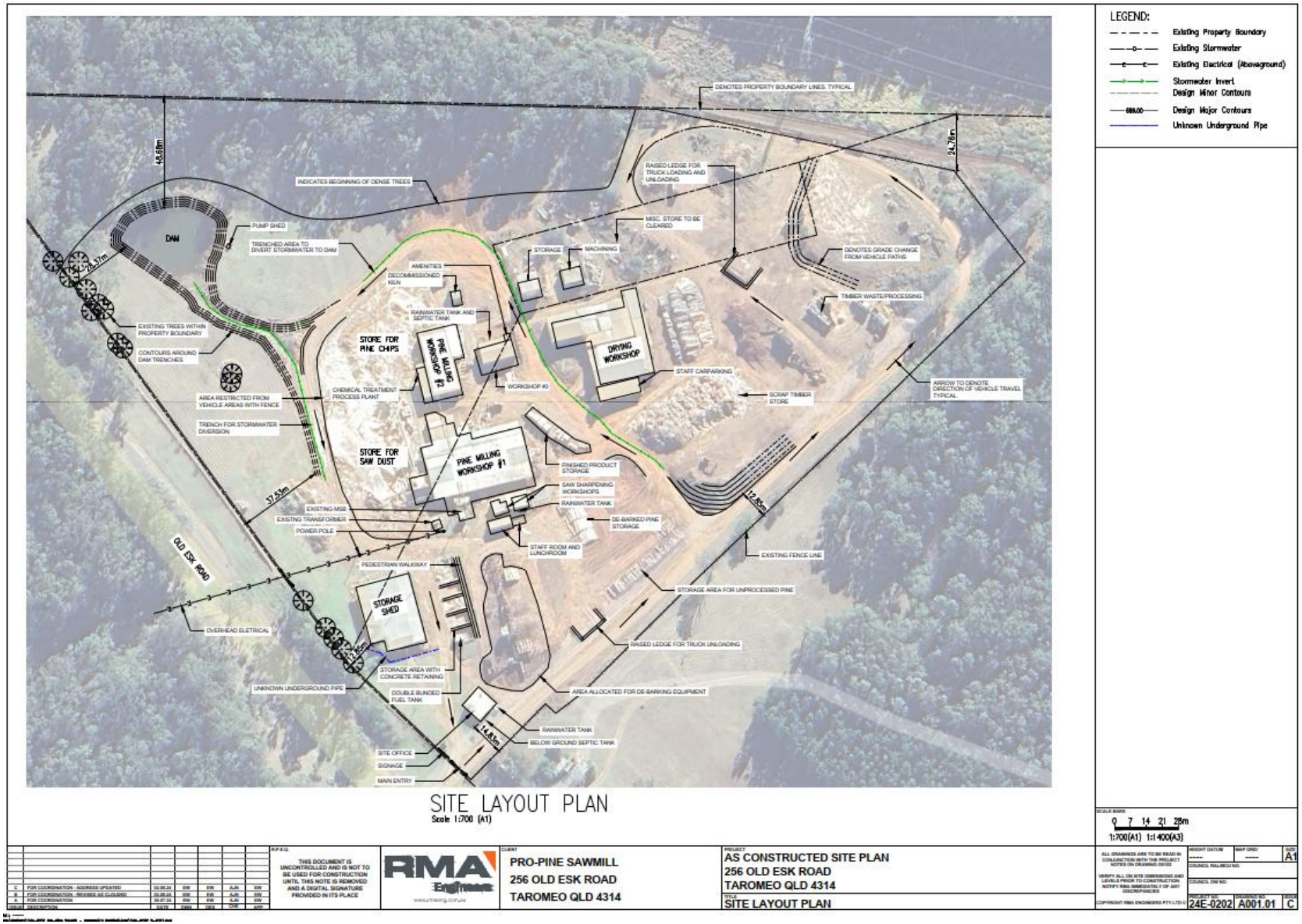


Figure 1: Site Layout

Source: Range Environmental Consultants

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

2 Facility and Surrounds

The sawmill is located at [illegible] Old Post Road Tarome [illegible] LD [illegible] ('the site') on Lots 228 & 229 on SP136942 as per the information provided to Viridian at the site proposes to increase processing capacity to [illegible] a timber and [illegible] a [illegible]

The site contains a timber sawmills and a [illegible] processing area The sawmilling and [illegible] processing method is provided in the following figures The following products will be obtained from the proposed increased throughput operations

- Landscaping [illegible] product
- Sawdust
- Timber [illegible]ard
- [illegible]
- Split [illegible] products
- Boards and trim slab products
- Bark products and
- Ground [illegible] products

The following list equipment are used at the site for sawmilling and [illegible] and timber waste processing

Mobile Plant

- [illegible]ront[illegible]end loaders [illegible]Ls [illegible]
- [illegible]excavator [illegible]
- [illegible]orklifts [illegible]
- [illegible]ats
- [illegible]ti[illegible]tr[illegible]s

Fixed sawmill at Plant [illegible]

- [illegible]aris log decks and transfers
- [illegible]M debarking machine
- [illegible]tomatic log dogging machine
- Storti PGS [illegible] log saw
- Storti [illegible]anter
- [illegible] D at edger
- Linde [illegible]inder [illegible]anter
- [illegible]sta Multi rip saw
- Storti R[illegible] multi rip saw
- [illegible]gam Multri rip saw
- [illegible]t timber stacking machine
- Gissn dogging machine
- Bros [illegible]ddinder
- Sawdust transfer [illegible]ain system
- Sawdust extraction system [illegible]

Fixed sawmill equipment at Plan [illegible]

- Meier Tool [illegible] horizontal band sawmill
- Gissn combination edger multiri[illegible]
- Small [illegible]ddinder

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

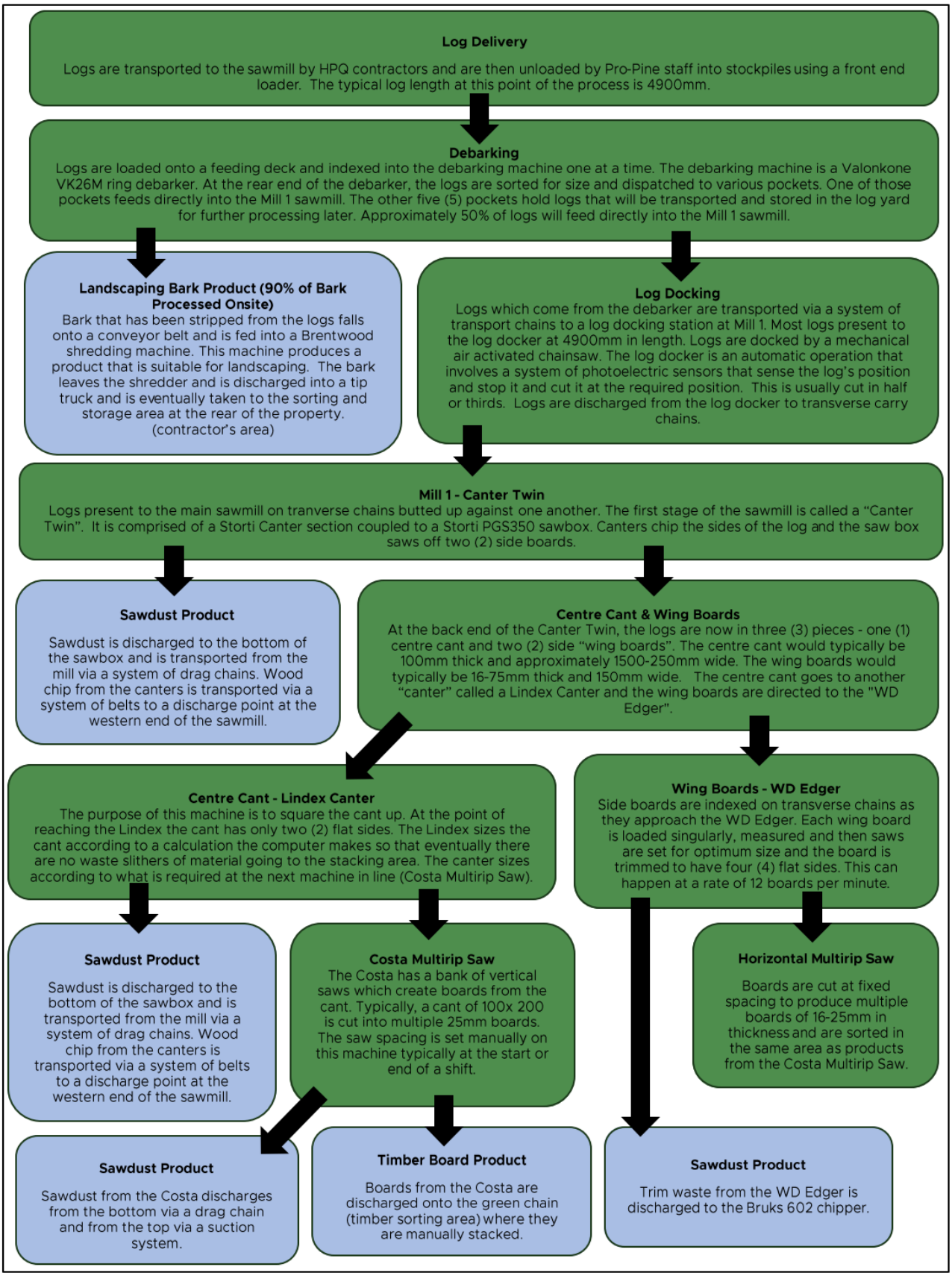


Figure 2: Existing and proposed operations at Mill 1

Source: Prelodgement letter, Report No. J001911, Range Environmental Consultants

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

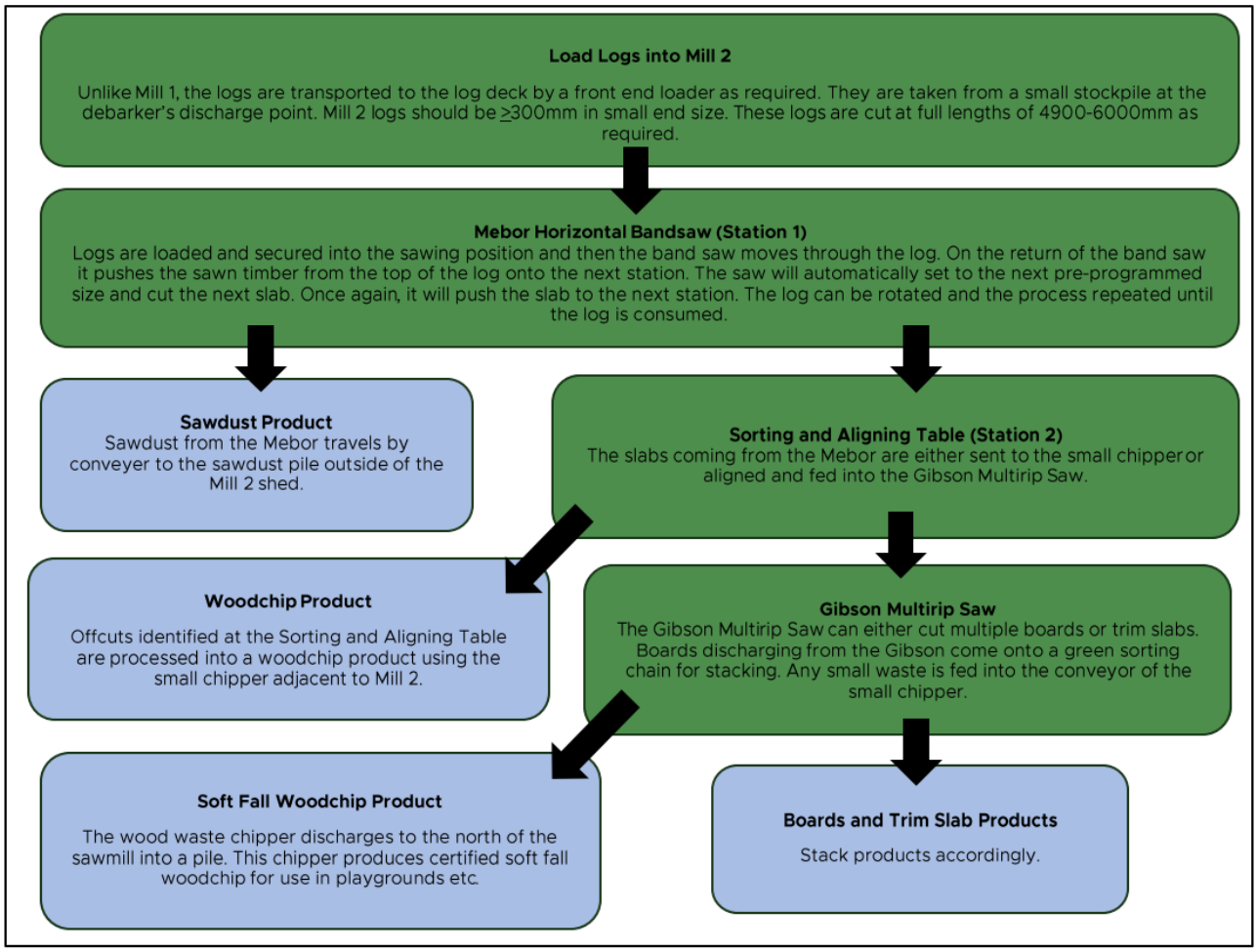


Figure 3: Existing and proposed operations at Mill 2

Source: Prelodgement letter, Report No. J001911, Range Environmental Consultants

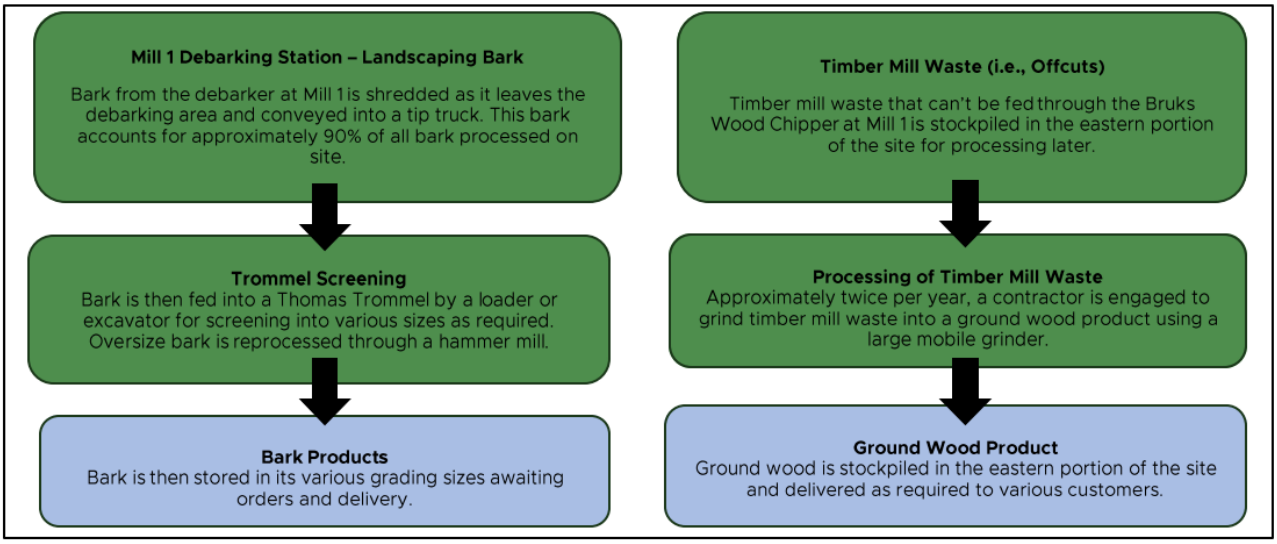


Figure 4: Existing and proposed timber mill waste and bark processing at site

Source: Prelodgement letter, Report No. J001911, Range Environmental Consultants

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

2.1 Main Sources of Air Emissions

□□□n re□ie□ing t□e □r□□ess □□□ □□r t□e □r□□□sed in□reased t□r□□g□□□t and □ased □n □re□i□□s e□□erien□es □□m assessing air □□alit□ im□a□ts □□m sa□milling □a□ilities□t□e main □□□l□tant □□□□n□ern □□□ld □e □□gniti□e d□st □□arti□□late matter emissi□ns□S□□r□es t□at are li□el□t□ □□ntri□□te t□ t□ese emissi□ns in□l□de□

- □a□lage emissi□ns □□m tr□□□ m□□ements□
- L□g □□□□ing□
- L□g de□ar□ing□
- L□g sa□ing□
- Bar□ and tim□er □aste □r□□essing□
- □ ind er□si□n □□m tim□er □aste st□□□□ile□
- □ ind er□si□n □□m sa□d□st st□□□□iles□and
- □ ind er□si□n □□m e□□□sed areas□

2.2 Air Quality Control Measures

T□e □□erati□ns □ill im□lement a n□m□er □□air □□alit□ □□ntr□l □mitigati□n meas□res t□ minimise d□st emissi□ns □□m □□erati□nal a□ti□ities□Meas□res in□l□de□

- □ ater s□ra□s □n □nsealed □a□l r□ads t□ minimise □□eel generated d□st□
- Im□lementing s□eed restri□ti□ns t□ minimise d□st generati□n □□m □e□i□□lar tra□el □n □nsealed r□ad s□r□a□es□
- □ ater s□ra□s □n e□□□sed areas t□ minimise d□st□and
- Sa□d□st e□tra□ti□n s□stem at Mill □ and Mill □□

D□st □□ntr□l e□□i□ien□ies □□ □ □□r t□e a□□□e listed □□ntr□l meas□res □a□e □een assigned and □sed in t□e de□el□□ment □□emissi□ns in□ent□r□ □□r t□e □□erati□nal a□ti□ities□

2.3 Receptors Identified for the Assessment

T□ □redi□t air □□alit□ im□a□ts □□m t□e a□ti□ities ass□□iated □it□ □r□□□sed t□r□□g□□□t□□ sensiti□e re□e□t□rs re□resenting residential de□el□□ments □a□e □een sele□ted □□i□□ are s□mmarised □el□□ in **Table 1.**

In□remental and □□m□lati□e gr□□nd□le□el □□n□entrati□ns □□r all t□e m□delled □□l□tants □a□e □een □redi□ted at ea□□ □□t□e identi□ied sensiti□e re□e□t□r□

□ s□mmar□ □□t□e sensiti□e re□e□t□rs identi□ied □□r t□e assessment and □is□all□ ill□strated in **Figure 5.**

Table 1: Summary of sensitive receptors

Sensitive Receptor ID	Easting (m) (UTM Zone 56J)	Northing (m) (UTM Zone 56J)
R1	417097	7029679
R2	416937	7030032
R3	416838	7030036
R4	416753	7030073
R5	416630	7030083
R6	416967	7030313

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

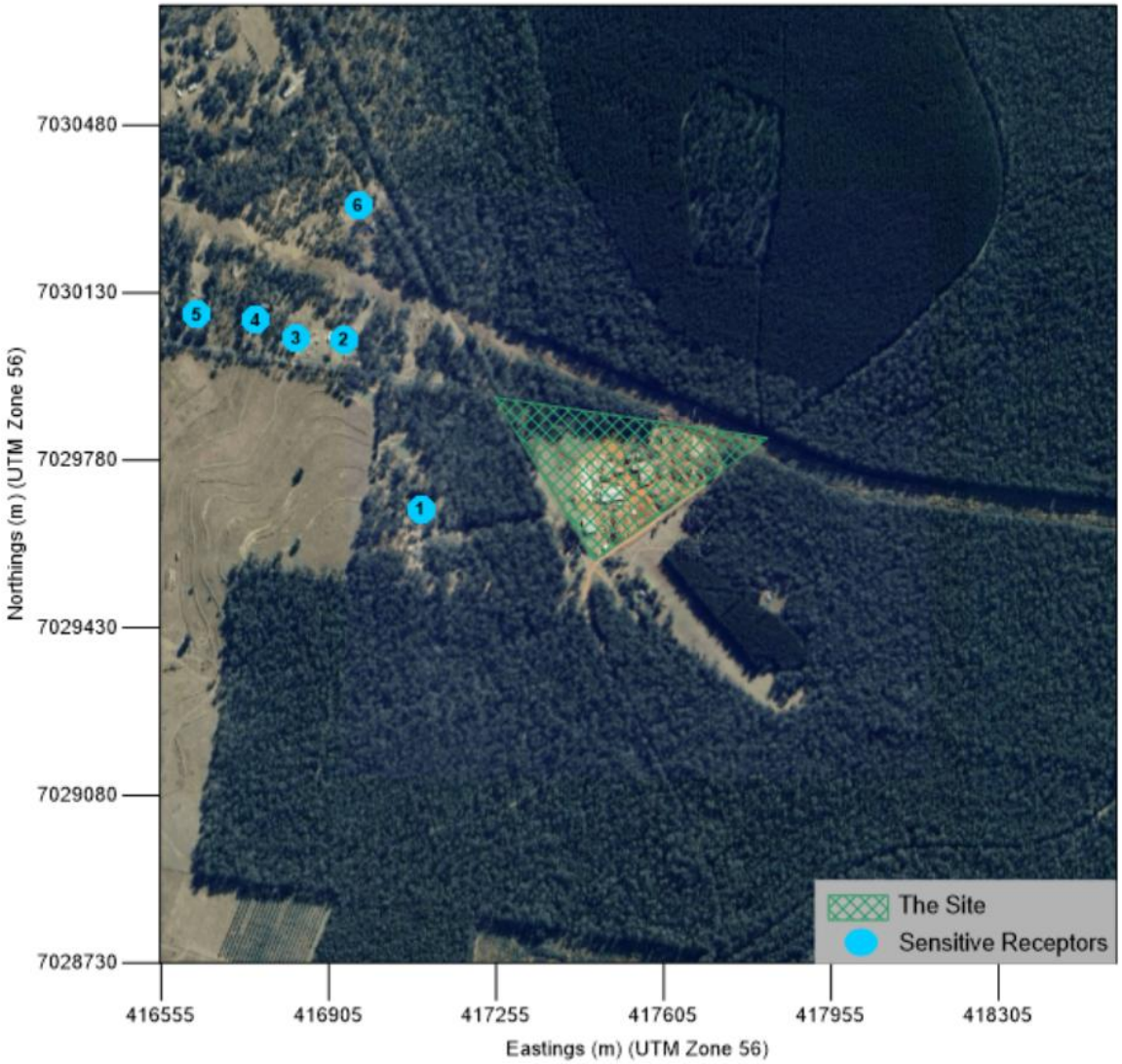


Figure 5: Visual overview of selected sensitive receptors

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

3 Relevant Assessment Criteria

To assess air quality impacts from the proposed trading hours the relevant assessment criteria have been referenced from *Environmental Protection (Air) Policy 2019* (EPP Air 2019) and *Environmental Protection (Air) Amendment Policy 2024* (EPP Air 2024). Reference has also been drawn to the NSW EPA publication *Approved Methods for the Modelling and Assessment of Air Pollutants in NSW, Environment Protection Authority* August 2022 ('the Approved Methods in NSW') for those pollutants which do not have an assessment criterion in the EPP Air 2019.

The pollutants released from the proposed increased trading hours include dust particles with varying size fractions i.e. $PM_{2.5}$, PM_{10} and TSP.

Table 2 presents summary of the assessment criteria adopted for this assessment.

Table 2: Summary of assessment criteria

Pollutant	Assessment Criteria	Units	Averaging Period	Reported As	Reporting Percentile	Reference
TSP	90	µg/m^3	Annual	Cumulative	n.a.	EPP Air 2019
PM_{10}	50	µg/m^3	24-hour	Cumulative	100th	
	25	µg/m^3	Annual	Cumulative	n.a.	
$PM_{2.5}$	20	µg/m^3	24-hour	Cumulative	100th	EPP Air 2024
	7	µg/m^3	Annual	Cumulative	n.a.	
Deposited Dust	2	g/m^2/month – max increase in deposited dust level	Annual	Incremental	n.a.	Approved Methods NSW, 2022
	4	g/m^2/month – total deposited dust level	Annual	Cumulative	n.a.	

4 Background Air Quality

□□ara□terisati□n □□t□e e□isting air □□alit□ le□els i□ e□□a□gr□□nd □□n□entrati□ns□is essential □□r determining □□m□lati□e □□n□entrati□ns□ T□e □a□□gr□□nd □□n□entrati□ns are added t□ t□e □redi□ted in□remental □□n□entrati□ns □im□a□ts □r□m □r□□□sed t□r□g□□□t□and t□e □□m□lati□e □□n□entrati□ns are t□en □□m□ared against t□e rele□ant air □□alit□ □□□e□ti□es t□ determine □□m□lian□e□

4.1 Monitoring Data from the NEPM Monitoring Station

T□ □□ara□terise t□e □a□□gr□□nd □□n□entrati□ns □□r t□e assessment□data is t□□i□all□ s□□r□ed □r□m t□e nearest and m□st re□resentati□e □ati□nal □n□ir□nment Pr□te□ti□n Meas□re □□ □PM□ am□ient air □□alit□ m□nit□ring stati□ns□T□e □□eensland De□artment □□ □n□ir□nment and S□ien□e □D□S□manages a net□□r□ □□ □□PM m□nit□ring stati□ns a□r□ss t□e □□ll□□ing regi□ns in □□eensland□

- S□□t□□□ast □□eensland□
- S□□t□□□ est □□eensland□
- Gladst□ne□
- □entral □□eensland□
- B□□en□
- T□□ns□ille□and
- M□□nt Isa□

□□r t□is assessment□□a□□gr□□nd □□n□entrati□ns □a□e □een determined □□ anal□sing data meas□red and re□□rted at t□e T□□□□□□m□a □□PM am□ient air m□nit□ring stati□n□□ i□□ is a□□r□□imatel□ □□ □m s□□t□ □□t□e site□T□e m□nit□ring stati□n□l□□ated in a residential en□ir□nment □□mmen□ed in □an□ar□ □□□□ and meas□res □□t□ PM□□ and PM□□□ si□e □a□ti□ns□

It is a□□n□□ledged t□at t□e stati□ns is l□□ated a□□□t □□ □m □r□m t□e site and ma□ n□t ne□essaril□ re□resent t□e e□a□t air □□alit□ le□els e□□erien□ed at t□e site□□ □□e□er t□ere are n□ □t□er stati□ns t□at are □l□ser t□ t□e site□and □□rt□erm□re t□e T□□□□□m□a □□PM m□nit□ring stati□n is l□□ated in an area □i□□ in□□des □r□an set □□□□□en □□m□ared t□ t□e site□and as□s□□□ t□e le□els re□□rded at t□is stati□n □□□ld □e □ig□er t□an t□e air □□alit□ le□els t□□i□all□e□□erien□ed at t□e site□t□ere□□ □r□□iding a □□nser□ati□e a□□r□a□□ □□r t□e determinati□n □□□□m□lati□e air □□alit□ im□a□ts□

Ba□□gr□□nd □□n□entrati□ns meas□red □a□e □een re□eren□ed □r□m t□e m□st re□ent am□ient air m□nit□ring re□□rt □□□lis□ed □□ □LD G□□ernment – *Queensland air monitoring 2023 National Environment Protection (Ambient Air Quality) Measure□June 2024*□

S□mmar□ □□t□e □a□□gr□□nd air □□alit□ □□n□entrati□ns ad□□ted □□r t□is assessment are □resented in **Table 3.**

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Table 3: Summary of background pollutant concentrations adopted for this assessment

Pollutant	Averaging Period	Adopted Background Concentration	Units	Source / Reference
PM_{10}	24-hour	17	$\mu g/m^3$	75th percentile 24-hour average PM_{10} concentration measured at the Toowoomba station in 2023
	Annual	14	$\mu g/m^3$	Annual average PM_{10} concentration measured at the Toowoomba station in 2023
$PM_{2.5}$	24-hour	7	$\mu g/m^3$	75th percentile 24-hour average $PM_{2.5}$ concentration measured at the Toowoomba station in 2023
	Annual	6	$\mu g/m^3$	Annual average PM_{10} concentration measured at the Toowoomba station in 2023
TSP	Annual	36	$\mu g/m^3$	TSP levels are not measured at the monitoring stations. TSP concentrations estimated based on the assumption that 40% of the total TSP concentrations are the PM_{10} size fraction
Deposited Dust	Annual	2	g/m^2/month	Conservative assumption – consistent with other air quality assessments

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

5 Meteorological Modelling

Mete□r□l□gi□al me□□anisms g□□ern t□e generati□n□dis□ersi□n□trans□□rmati□n□and e□ent□al rem□□al □□ □□l□tants r□m t□e atm□s□□ere□T□e l□□al mete□r□l□g□at t□e site □la□s a signi□□ant r□le in □nderstanding t□e □□l□tant trans□□rt and dis□ersi□n me□□anisms□and t□ ade□□atel□ □□ara□terise t□e l□□al mete□r□l□gi□al □□nditi□ns□in□□rmati□n is needed □n □e□ □arameters s□□□ as □re□ailing □ind regime□ mi□ing de□t□□ atm□s□□eri□ sta□ilit□□am□ient tem□erat□res□rain all□and relati□e □□midit□□T□e □ll□□ing se□ti□ns □□tline t□e met□□d□l□g□ □□r □□ara□terising t□e mete□r□l□gi□al □□nditi□ns at t□e □a□ilit□□

T□ere is n□ □eat□er stati□n □n□site and re□eren□e □as dra□n t□ data r□m t□e nearest stati□ns □□i□□ is t□e B□rea□ □□ Mete□r□l□g□ □B□M□ □□erated □□t□mati□ □eat□er Stati□n □□□ S□at □ingar□□ □ir□□rt □Stati□n □□□□□□□□□□□□i□□ is a□□r□□imatel□ □□ □m n□rt□east r□m t□e □a□ilit□□

As the station is more than 40 kms away from the facility, meteorological modelling did not ‘assimilate’ the □□ser□ati□ns re□□rded at t□e stati□n□as t□e mete□r□l□gi□al □□nditi□ns e□□erien□ed at t□e site is e□□e□ted t□ □e di□□erent t□ t□e □□nditi□ns e□□erien□ed at t□e □eat□er stati□ns□

T□e data r□m t□e stati□n □as □□rel□ □sed t□ esta□lis□ a m□delling □ear□□ □ears □□mete□r□l□gi□al data re□□rded at t□e B□M □ingar□□ □ir□□rt □eat□er stati□n □et□een □□□□□□□□□□ □as anal□sed and □r□□essed□T□e □□□□ □alendar □ear □as sele□ted □ased □n anal□sis □□□ □ears □□trends in data re□□rded at t□e □eat□er stati□ns□□dditi□nal details □□t□e sele□ti□n □□mete□r□l□gi□al m□delling □ear are □resented in **Appendix A.**

Meteorology modelling for the 2022 calendar year was conducted using a combination of ‘The Air Pollution Model’ (TAPM) (Version 4.0.5) and CALMET meteorological models. Analysis of the CALMET generated mete□r□l□gi□al data at t□e site l□□ati□n □as □nderta□en t□ dem□nstrate t□at t□e mete□r□l□gi□al data □sed in t□e dis□ersi□n m□del ade□□atel□ des□ri□es t□e □atterns e□□e□ted at t□e site□

Meteorological modelling was conducted using a combination of ‘The Air Pollution Model’ (TAPM) (Version □□□□□□and □□LM□T mete□r□l□gi□al m□dels□

5.1 TAPM

For this modelling assessment, the meteorological model ‘The Air Pollution Model (TAPM) (Version 4.0.□□□as □sed t□ generate t□e □r□gn□sti□ □□t□□t□T□PM□de□el□□ed □□ t□e □□mm□n□ealt□ S□enti□i□ and Ind□strial Resear□□ □rganisati□n □□ISR□□ is a □r□gn□sti□ m□del □□i□□ is □sed t□ □redi□t t□ree□dimensi□nal mete□r□l□gi□al data and air □□l□ti□n □□n□entrati□ns□T□PM all□□s □sers t□ generate s□nt□eti□ □□ser□ati□ns □□ re□eren□ing in□□□ilt data□ase □e□g□□ terrain in□□rmati□n□s□n□□ti□ s□ale mete□r□l□gi□al □□ser□ati□ns□ □egetati□n and s□il t□□e et□□□□i□□ are s□□se□□entl□ □sed in generating site□s□e□i□ □□□rl□ mete□r□l□gi□al data □□□rle□P□□□□□□□□□□

Te□□ni□al details □□t□e m□del e□□ati□ns□□arameters□and n□meri□al met□□ds are des□ri□ed in □□rle□ □□□□□□□□

T□PM sim□lati□ns □as set□□ □sing □□□r □□□nested □□ □ □□ grids□□□□□m□□□□m□□□m and □□m□□entred □n latit□de □26º 51’ south, longitude 152º 10.2’ east. 30 vertical levels were simulated with the lowest level being □□m and t□e □ig□est le□el □eing □□m□

T□e T□PM m□del □as r□n □it□□□t in□□ding □assimilating □□ser□ati□nal data □i□e□meas□red data at t□e B□M stati□ns□□Details □□t□e T□PM m□del □□n□ig□rati□n are □□tlined in **Table 4.**

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Table 4: Summary of TAPM settings

Parameter	Value
Year of Analysis	2022
Grid Centre Coordinates (lat, long)	-26deg 51min, 152deg 10.5min
Number of grids (spacing)	4 (30km, 10km, 3km, 1km)
Grid dimensions (nx, ny, nz)	30, 30, 30
Data assimilation	None

5.2 CALMET

□□LM□T □□ersi□n □□□□□□□as □sed t□ deri□e □ig□er res□l□ti□n mete□r□l□gi□al □ields at □□□ m res□l□ti□n □□er a □□ □m □ □□ □m m□delling d□main □entred □□er t□e □a□ilit□□□ □LM□T □as r□n in n□□□□ser□ati□ns m□de □□ □ □BS □ □□□it□ □r□gn□sti□ □□t□□t □r□m T□PM □sed as an in□□t t□ t□e □□LM□T m□del□T□e □□LM□T m□del settings were in general accordance with the '*Generic Guidance and Optimum Settings for the CALPUFF Modelling System for Inclusion into the 'Approved Methods for the Modelling and Assessment of Air Pollutants in NSW, Australia*' (OEH, 2011) (hereafter 'Approved Methods)□

T□e ge□□□□si□al dataset □□r □□LM□T □□ntains terrain and land □se in□□rmati□n □□r t□e m□delling d□main□□□r t□is assessment□terrain data □□r t□e □□LM□T grid □as e□tra□ted □□m □□ar□se□□nd □□□m□s□a□ed ele□ati□n data obtained via NASA's Shuttle Radar Topogra□□□ Missi□n □SRTM□in □□□□ □d□□nl□aded □□m □SGS □e□site□□T□e land □se □r land □□□er data □□r t□e m□delling d□main □as □ased □n t□e □SGS Gl□□al Land □□□er □lassi□i□ati□n □□SGS GL□□□□T□e ge□te□□ni□al □arameters □□r t□e land □se □lassi□i□ati□n □ere ad□□ted □□m t□e de□a□lt □□LM□T □□rres□□nding land □se □ateg□ries□□ s□mmar□ □□t□e □□LM□T settings is gi□en □el□□ in **Table 5.**

Table 5: Summary of CALMET settings

Parameter	Value
Year of Analysis	2022
Number of Grid Cells (NX, NY)	48, 48
Grid Spacing (DGRIDKM) (km)	0.25
XORIG (km), YORIG (km)	411.552, 7023.730
Vertical Levels (NZ)	10
Meteorological Data Option	NOOBS = 2
Upper Air and Surface Data	TAPM generated MM4/MM5/3D
Geophysical Datasets	USGS GLCC (land use) & SRTM 1 – arc second terrain

5.3 Modelled Meteorology

□ ind r□ses □l□tted □sing □□□rl□ □ind data and dire□ti□n □□r t□e □alendar □ear □□□□ are □is□all□re□resented in **Figure 6.** T□e ann□al □ind r□se in **Figure 6** s□□□s t□at □inds are □red□minantl□ □□m t□e s□□t□□east and t□ a lesser e□tent □□m t□e n□rt□□□est□□alm □inds □□e□□ind s□eeds □ □□□ m□se□□are □redi□te□ t□ □□□□r □□r less t□an □□□□ □□t□e □ear□

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

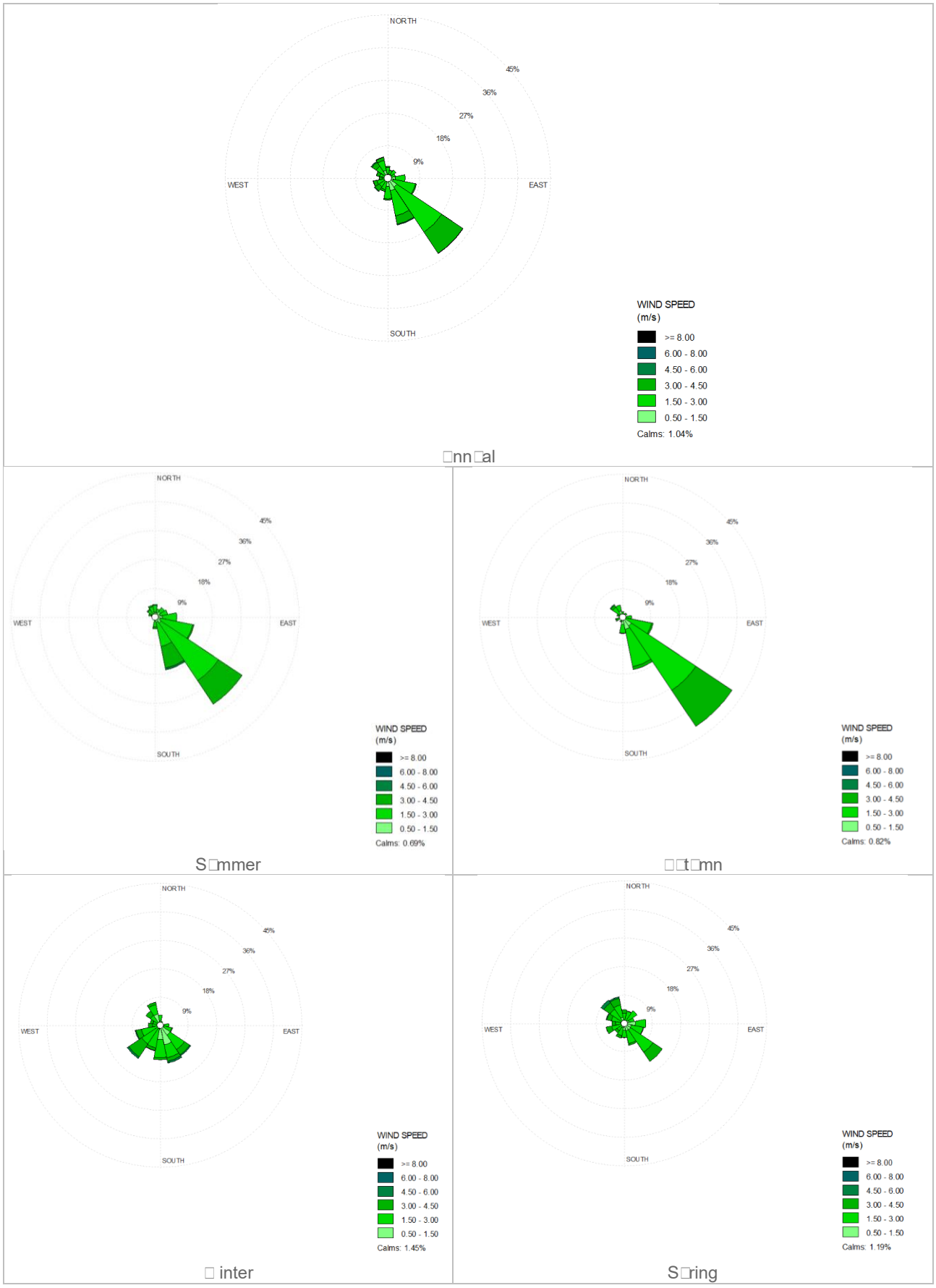


Figure 6: CALMET predicted annual and seasonal wind roses for the modelling year

6 Determination of Process Emissions

□□ti□ities ass□□iated □it□ t□e □r□□□sed t□r□□g□□□t t□at □a□e t□e □□tential t□ generate d□st emissi□ns □a□e □een □□anti□ied t□r□□g□ t□e a□□li□ati□n □□emissi□n □a□t□rs listed in t□e □missi□n □stimati□n Te□□ni□□e □□□T□ man□als□in □arti□□lar□t□e *NPI Emission Estimation Technique Manual for Mining* □□PI Mining □□TM□□□□□□ and t□e *United States Environmental Protection Agency (US-EPA) AP – 42 emission factors*□

□missi□ns □a□e □een □□anti□ied □r t□e TSP□PM□□ and PM□□□ si□e ra□ti□ns □r t□e □ll□□ing a□ti□ities□

- □a□lage emissi□ns r□m tr□□□ m□□ements□
- L□g □□□□ing□
- L□g de□ar□ing□
- L□g sa□ing□
- Bar□ and tim□er □aste □r□□essing□
- □ ind er□si□n r□m tim□er □aste st□□□□ile□
- □ ind er□si□n r□m sa□d□st st□□□□iles□and
- □ ind er□si□n r□m e□□□sed areas□

T□ de□el□□ t□e □gniti□e emissi□ns in□ent□r□□ t□e □ll□□ing ass□m□ti□ns □a□e □een made□

- T□tal am□□nt □□tim□er □r□□g□t t□ site □ill □e n□ m□re t□an □□□□□□□ t□a□
- T□tal am□□nt □□tim□er de□ar□ed □ill □e n□ m□re t□an □□□□□□ t□a□
- T□tal am□□nt □□l□gs milled t□get□er at Mill □ and Mill □ □ill □e □□□□□□□ t□a□
  - T□tal l□gs milled at Mill □ □e □□□□ and at Mill □ □ill □e □□□□ □□□□□□□□□□□ t□a
- Site □□erating □□□rs are □□M – □PM□
- Sa□d□st □r□d□□ed r□m milling at Mill □ □ill □e □□□□ □□l□gs milled at Mill □ i□e□□□□□□□ t□a□□
- Sa□d□st □r□d□□ed r□m milling at Mill □ □ill □e □□□□ □□l□gs milled at Mill □ i□e□□□□□ t□a□□
- T□tal tim□er □aste □r□d□□ed at Mill □ □ill □e □□□□ □□l□gs milled at Mill □ i□e□□□□□□□ t□a□
- □□r t□e determinati□n □□l□nger□term a□eraging □eri□d □□ll□tants i□e□ann□al a□erage TSP□PM□□ and PM□□□ t□e intensit□ □□a□ti□ities □□□erati□ns □as □ni□rml□ distri□□ted a□r□ss t□e □□□le □ear□
- □□r t□e determinati□n □□s□□rter□term a□eraging □eri□d □□ll□tants i□e□□□□□□□□r a□erage PM□□ and PM□□□ it □as ass□med t□at t□e □ea□ dail□ a□ti□ities □□□ld a□□r□□imatel□ □e □□□ times t□e a□erage dail□ a□ti□ities□and
- T□e sa□milling t□r□□g□□□t d□ring an□ gi□en da□ □ill n□t e□□eed □□□□ t□nnes □er da□ □t□d□and □□ t□d at Mill □ and Mill □ res□e□ti□el□□

D□st □□ntr□l meas□res im□lemented at t□e site as listed □el□□ □a□e □een □sed in de□el□□ing t□e emissi□n in□ent□r□ □□n□minating a □□ntr□l e□i□ien□□ □□ □□r ea□□ meas□re□

- □ ater s□ra□s □n □nsealed □a□ r□ads t□ minimise □□eel generated d□st□
- □ ater s□ra□s □n t□e e□□□sed area d□ring □ind□ □□nditi□ns□
- □□□ □□ntr□l e□i□ien□□ r□m t□e sa□ d□st e□tra□ti□n s□stem□
- Im□lementing s□eed restri□ti□ns t□ minimise d□st generati□n r□m □e□i□□lar tra□el □n □nsealed r□ad s□r□a□es□

Parti□□late matter □TSP□PM□□ and PM□□□□emissi□n rates □□r d□st generating s□□r□es r□m sa□mill a□ti□ities □a□e □een □□anti□ied □□ t□e □sage □□emissi□n □a□t□rs □□□lis□ed in □nited States en□ir□nmental Pr□te□ti□n □gen□□ □□S□□P□□*Region 10, Particulate Matter Potential to Emit Emission Factors for Activities at Sawmills, Excluding Boilers, Located in Pacific Northwest Indian Country*□Ma□ □□□□□

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

□ □ereas t□e □arti□□late matter □TSP□PM□□ and PM□□□□ emissi□n rates □□r □t□er s□□r□es s□□□ as □□eel generated d□st emissi□ns and □ind er□si□n □r□m e□□□sed areas □a□e □een re□eren□ed □r□m t□e □el□□ □missi□n □stimati□n Te□□ni□□e □□□T□man□als□

- □P□□□ □missi□n □a□t□rs□*Chapter 11.9□Western Surface Coal Mining*□□nited states □n□ir□nmental Pr□te□ti□n □gen□□ □□S□□P□□□□□□□
- □P□□□ □missi□n □a□t□rs□ *Chapter 11.19.2 Crushed Stone Processing and Pulverized Mineral Processing*□□nited States □n□ir□nmental Pr□te□ti□n □gen□□ □□S□□P□ □□□□□□
- □P□□□ □missi□n □a□t□rs□ *Chapter 13.2.5□ Industrial Wind Erosion*□ □nited states □n□ir□nmental Pr□te□ti□n □gen□□ □□S□□P□□□□□□□and□
- □P□□□ □missi□n □a□t□rs□*Chapter 13.2.2□Unpaved Roads*□□nited States □n□ir□nmental Pr□te□ti□n □gen□□ □□S□□P□ □□□□□□and

□ s□mmar□ □□t□e ann□al and □ea□dail□ □□gniti□e d□st emissi□ns □□r t□e TSP□PM□□ and PM□□□ si□e□□ra□ti□ns are □resented in **Table 6** and **Table 7** res□e□ti□el□□

Table 6: Annual fugitive emissions for cumulative assessment – TSP, PM_{10} and $PM_{2.5}$

Activity	Quantity	Units	Annual Emission Rates (kg/year)		
			TSP	PM_{10}	$PM_{2.5}$
Debarking	60,000	tpa	270	108	54
Log docking at mill 1	48,450	tpa	320	127	64
Sawing at mill 1	48,450	tpa	3,180	1,272	636
Log docking at mill 2 1	8,550	tpa	56	22	11
Sawing at mill 2	8,550	tpa	561	224	112
Timber and bark processing	7,845	tpa	98	34	7
Haulage - site boundary to log yard	4,556	vkt/annum	2,519	647	65
Wind erosion from sawdust stockpile	0.2	ha	170	85	13
Wind erosion from timber waste stockpile	01	ha	85	43	6
Wind erosion from exposed area 1	1	ha	425	213	32
Wind erosion from exposed area 2	2	ha	859	425	64
Wind erosion from exposed area 3	3	ha	1,275	638	96
Total emissions			**9,807**	**3,837**	**1,159**

Table 7: Peak daily fugitive emissions for cumulative assessment – PM_{10} and $PM_{2.5}$

Activity	Quantity	Units	Daily Emission Rates	
			PM_{10}	$PM_{2.5}$
Debarking	247	tpd	0.4 kg/day	0.2 kg/day
Log docking at mill 1	199	tpd	0.5 kg/day	0.3 kg/day
Sawing at mill 1	199	tpd	5 kg/day	3 kg/day
Log docking at mill 2 1	35	tpd	0.1 kg/day	0.05 kg/day
Sawing at mill 2	35	tpd	1 kg/day	0.5 kg/day
Timber and bark processing	32	tpd	0.1 kg/day	0.03 kg/day
Haulage - site boundary to log yard	17	vkt/day	2 vkt/day	0.2 vkt/day
Wind erosion from sawdust stockpile	0.2	ha	85 kg/year	13 kg/year
Wind erosion from timber waste stockpile	0.1	ha	43 kg/year	6 kg/year
Wind erosion from exposed area 1	1	ha	213 kg/year	32 kg/year
Wind erosion from exposed area 2	2	ha	425 kg/year	64 kg/year
Wind erosion from exposed area 3	3	ha	638 kg/year	96 kg/year

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

7 CALPUFF Dispersion Model Configuration

T□ □redi□t im□a□ts □rom t□e □r□□□sed t□r□g□□□t□dis□ersi□n m□delling □as □□nd□□ted □sing □□LP□□□ n□n□ stead□ state □□□□dis□ersi□n m□del□T□e □□LP□□□ m□del is an a□□r□□ed and an a□□e□ted dis□ersi□n m□del as □er t□e D□S G□ideline – *Application requirements for activities with impacts to air□□ t□□er □□□□□*

T□e □□LP□□□ m□del treats emissi□ns as a series □□□□□s□T□ese □□□s are t□en dis□ersed t□r□□g□□□t t□e m□delling area and all□□ed t□ gr□□ and □end □it□ s□atial □ariati□n in mete□r□l□g□□T□is met□□d all□□s t□e model to retain a memory of the plume's movement t□r□□g□□□t ea□□ □□□r □□ile a□□r□□imating t□e e□□e□ts □□ □□m□le□air □□□s□

□□LP□□□ □ses t□e mete□r□l□gi□al □r□□essing and □redi□ti□n m□del □□LM□T t□ □r□□ide □D □ind □ iled □redi□ti□ns □□r t□e m□delled area□T□e □inal □ind □ield de□el□□ed □□ t□e m□del in□l□des an a□□r□□imati□n □□ t□e e□□e□ts □□l□□al t□□□gra□□□□t□e e□□e□ts □□□ar□ing s□r□a□e tem□erat□res □as in □□ser□ed in land and sea □□dies□ and s□r□a□e r□□g□ness □res□lting □□m □aried land □ses and □egetati□n □□□er in an area□□ T□e □□LP□□□ m□del sim□lates □□m□le□terrain in□□en□es □n l□□al □ind □ields in□l□ding □□nsiderati□n □□□ata□ati□ □□□s and terrain □l□□□ing□

□□LP□□□ m□del settings □ere re□eren□ed □□m t□e □S□ □EPA published '*Generic Guidance and Optimum Settings for the CALPUFF Modelling System for Inclusion into the 'Approved Methods for the Modelling and Assessment of Air Pollutants in NSW, Australia*' (NSW□□ □□ □□□□□□□□□

T□e □□LP□□□ □□m□□tati□nal grid □as set □□ as a s□□set □□□ □LM□T d□main □it□ □ □m □ □ □m e□tents and a □□□ m grid s□a□ing□T□e sam□ling grid □as set □□ as a s□□□set □□t□e □□m□□tati□nal grid□□it□ t□e grid e□tents s□anning □ □m □ □ □m □entred □□er t□e site□Im□a□ts □□m t□e m□delled □□l□tants □a□e □een □redi□ted a□□ss t□e entire sam□ling grid in addit□i□n t□ t□e sensiti□e re□e□t□rs identi□ied □□r t□e assessment □re□er **Table 1** and **Figure 5**□□

□ll t□e d□st generating s□□r□es as dis□□ssed in **Section 6** □a□e □een re□resented in t□e □□LP□□□ m□del as a series □□□□l□me s□□r□es□

General r□n □□ntr□l □arameters and te□□ni□al □□ti□ns t□at □ere sele□ted in t□e □□LP□□□ m□del are s□mmarised □el□□ in **Table 8.**

Table 8: Summary of CALPUFF model configuration

Parameter	Value
CALPUFF version	6.42
Year modelled	2022
Sources modelled as	Volume sources
Computational grid size	6 km x 6 km
Computation grid resolution	250 m
Gridded receptors used (LSAMP)	Yes
Nesting factor for gridded receptor (MESHDN)	2
Number of discrete receptors	6
Pollutants modelled	Refer **Table 2**

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

8 Results and Discussion

M□del □redi□ted in□remental and □□m□lati□e TSP□PM□□□and PM□□□ gr□□nd le□el □□n□entrati□ns □ de□□sited d□st le□els at t□e nearest sensiti□e re□e□t□rs fr□m t□e m□delled emissi□n s□□r□es are □resented in t□is se□ti□n□

□□m□lati□e gr□□nd le□els □□n□entrati□ns □□TSP□PM□□□PM□□□ and de□□sited d□st □a□e □een determined □□ adding t□e in□remental im□a□ts □□e□ □□ntri□□ti□n fr□m t□e □r□□□sed in□reased t□r□□g□□□t□ □it□ t□e □a□□gr□□nd □□n□entrati□ns as □resented in **Table 9**□

□□m□lati□e gr□□nd le□el □□n□entrati□n is□□let□s □□r □e□ □□ll□tants □a□e □een □resented in **Appendix** □

8.1 Total Solid Particles (TSP) Concentrations

In□remental and □□m□lati□e TSP gr□□nd le□el □□n□entrati□ns □redi□ted at t□e nearest sensiti□e re□e□t□rs □□r are s□mmarised in **Table 9.**

Res□lts □redi□ted in **Table 9** s□□□ t□at t□e □redi□ted □□m□lati□e ann□al a□erage TSP □□n□entrati□n at all identi□ied sensiti□e re□e□t□rs are □ell □el□□ t□eir assessment □riteria □□□□ □g□m□□

Table 9: Incremental and cumulative annual average TSP concentrations

Receptor ID	Incremental Annual Average TSP Ground Level Concentrations (µg/m³)	Cumulative Annual Average TSP Ground Level Concentrations (µg/m³)	Compliance Achieved
R1	1.2	36.7	Yes
R2	1.3	36.8	Yes
R3	0.8	36.3	Yes
R4	0.6	36.1	Yes
R5	0.4	35.9	Yes
R6	1.2	36.7	Yes

8.2 PM_{10} Concentrations

□□□□□□r a□erage and ann□al a□erage in□remental and □□m□lati□e PM□□ □□n□entrati□ns □redi□ted at t□e nearest sensiti□e re□e□t□rs are s□mmarised in **Table 10.**

T□e □□□□□□r a□erage in□remental im□a□ts □a□e □een □ased □n □ea□ dail□ a□ti□ities □re□er **Table 7**□and t□e ann□al a□erage in□remental im□a□ts are a □□nse□□en□e □□t□e a□erage dail□emissi□n rates as s□□□n in **Table 6**□

M□delling s□□□s t□at t□e □□m□lati□e □□□□□□r a□erage gr□□nd le□el PM□□ □□n□entrati□ns □□m□l□ □it□ t□e □□ □g□m□□ assessment □riteria at all t□e sensiti□e re□e□t□rs□

Similarl□□t□e ann□al a□erage im□a□ts a□r□ss all t□e sensiti□e re□e□t□rs □□m□l□ □it□ t□e air □□alit□ □□□e□ti□e □□ □□ □g□m□□

Table 10: Incremental and cumulative PM_{10} ground level concentrations

Receptor ID	24-hour Average PM_{10} Ground Level Concentrations (µg/m³)		Annual Average PM_{10} Ground Level Concentrations (µg/m³)		Compliance Achieved
	Incremental	Cumulative	Incremental	Cumulative	
R1	13.3	30.2	0.4	14.6	Yes
R2	5.0	21.9	0.4	14.6	Yes
R3	3.4	20.3	0.2	14.4	Yes

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Receptor ID	24-hour Average PM_{10} Ground Level Concentrations (µg/m³)		Annual Average PM_{10} Ground Level Concentrations (µg/m³)		Compliance Achieved
	Incremental	Cumulative	Incremental	Cumulative	
R4	1.9	18.8	0.2	14.4	Yes
R5	1.3	18.2	0.1	14.3	Yes
R6	2.5	19.4	0.5	14.7	Yes

8.3 $PM_{2.5}$ Concentrations

□□□□□□r a□erage and ann□al a□erage in□remental and □□m□lati□e PM□□□ □□n□entrati□ns □redi□ted at t□e nearest sensiti□e re□e□t□rs are s□mmarised in **Table 11**□

T□e □□□□□□r a□erage in□remental im□a□ts □a□e □een □ased □n □ea□ dail□ a□ti□ities □re□er **Table 7**□and t□e ann□al a□erage in□remental im□a□ts are a □□nse□□en□e □□t□e a□erage dail□emissi□n rates as s□□□n in **Table 6**□

M□delling s□□□s t□at t□e □□m□lati□e □□□□□□r a□erage gr□□nd le□el PM□□□ □□n□entrati□ns □□m□l□ □it□ t□e □□ □g□m□ assessment □riteria at all t□e sensiti□e re□e□t□rs□

Similarl□□t□e ann□al a□erage im□a□ts a□r□ss all t□e sensiti□e re□e□t□rs □□m□l□ □it□ t□e air □□alit□ □□□e□ti□e □□ □ □g□m□□

Table 11: Incremental and cumulative $PM_{2.5}$ ground level concentrations

Receptor ID	24-hour Average $PM_{2.5}$ Ground Level Concentrations (µg/m³)		Annual Average $PM_{2.5}$ Ground Level Concentrations (µg/m³)		Compliance Achieved
	Incremental	Cumulative	Incremental	Cumulative	
R1	9.9	16.8	0.4	6.5	Yes
R2	5.2	12.1	0.3	6.4	Yes
R3	3.1	10.0	0.2	6.3	Yes
R4	2.2	9.1	0.2	6.3	Yes
R5	1.6	8.5	0.1	6.2	Yes
R6	3.2	10.1	0.4	6.5	Yes
R5	9.9	16.8	0.4	6.5	Yes
R6	5.2	12.1	0.3	6.4	Yes

8.4 Deposited Dust

In□remental and □□m□lati□e de□□sited d□st le□els □redi□ted at ea□ □□t□e n□minated sensiti□e re□e□t□rs are s□mmarised □el□□□

It is e□ident □□m t□e m□delling res□lts t□at t□e □□erati□ns □□□ld n□t ma□e an□ material □□ntri□□ti□n t□ t□e □□erall de□□sited d□st le□els and t□ere□□re d□ n□t □arrant a detailed dis□□ssi□n□

Table 12: Incremental and cumulative annual average deposited dust flux predicted at sensitive receptors

Receptor ID	Incremental Annual Average Deposited Dust Flux (g/m²/month)	Cumulative Annual Average Deposited Dust Flux (g/m²/month)	Compliance Achieved
R1	0.1	2.1	Yes
R2	0.1	2.1	Yes
R3	0.1	2.1	Yes

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Receptor ID	Incremental Annual Average Deposited Dust Flux (g/m²/month)	Cumulative Annual Average Deposited Dust Flux (g/m²/month)	Compliance Achieved
R4	0.1	2.1	Yes
R5	0.04	2.0	Yes
R6	0.2	2.2	Yes

8.5 Determination of Greenhouse Gas (GHG) Emissions

Green□□□se gas □G□G□ emissi□ns □a□e □een determined □r □□erati□ns □r t□e □r□□□sed in□reased t□r□g□□□t□□ i□□ are dis□□ssed □el□□□

T□e G□G t□at are re□□rted □nder t□e □G□R s□□eme in□l□de □ar□□n di□□ide □□□ □□□met□ane □□□□nitr□□s □□ide □□□ □□s□l□r □e□a□□ride □S□□ and □eri□□r□ar□□ns□

T□ estimate G□G emissi□ns □r t□e site□re□eren□e □as □een made t□ t□e *Australian National Greenhouse Accounts Factors – for individuals and organisations estimating greenhouse gas emissions*□De□artment □□ □limate □□ange□□nerg□□t□e □n□ir□nment and □ ater□□□□□ (hereafter 'NGAF 202□'). Unless otherwise stated, t□e emissi□n □a□t□rs re□r□d□□ed □□m □G□□ □□□□ are usually 'Method 1' emission factors from the National Green□□□se and □nerg□ Re□□rting □Meas□rement□Determinati□n □□□□□

□□□□rding t□ □G□□ □□□□□□direct □□r s□□□e □□emissi□ns are □r□d□□ed □□m s□□r□es □it□in t□e □□□ndar□ □□an organisation and as a result of that organisation's activities and are calculated at the point of emission release□ □□ereas s□□□e □ emissi□ns are indire□t emissi□ns □i□□ □□□□r □□tside t□e □□□ndar□ □□an □rganisati□n □□m t□e generati□n □□ele□tri□it□ t□at is □□ns□med □□t□e □rganisati□n□T□e□are □□□si□all□ □r□d□□ed □□t□e □□rning □□□□el at □□□er stati□ns t□ □r□d□□e ele□tri□it□□

□missi□n □a□t□r as re□erred □□m □G□□ □□□□□ are □sed t□ □□n□ert a □nit □□a□ti□it□ int□ its emissi□ns e□□i□alent□ G□G emissi□ns are □al□□lated □□ m□lti□l□ing t□e rele□ant s□□r□e s□e□i□ emissi□n □a□t□r □□ t□e □□antit□ □□ t□e a□ti□it□□t□ gi□e t□e emissi□ns □□di□erent green□□□se gas emissi□ns □□r ea□□ s□□r□e t□□e□

□missi□n □a□t□rs are generall□ e□□ressed □n a □ar□□n di□□ide e□□i□alent □□□ □□e□ □asis □sing t□e Gl□□al □ arming P□tentials □G□ P□as menti□ned a□□□e□□s□all□□de□a□lt emissi□n □a□t□rs are e□□ressed as a □□n□ti□n □□t□e energ□ □□ntent □G□□□□t□e a□ti□it□ □□e□t □□□e□G□□□□□□e□er□□□en t□e a□ti□it□ data is n□t e□□ressed in energ□ □□ntent □□e□G□□□t□en an energ□ □□ntent □a□t□r is □tilised □G□□□L□in t□e □al□□lati□n as s□□□n □el□□□

$$t\ CO2-e/year = Activity\ data\ \left(\frac{kL}{yr}\right) * Energy\ content\ factor\ \left(\frac{GJ}{kL}\right) * Emission\ factor\ (t\ CO2-e/GJ)$$

Dire□t □s□□□e □□ and indire□t □s□□□e □□ emissi□n s□□r□es t□at □a□e □een identi□ed □it□ res□e□t t□ t□e □□erati□nal a□ti□ities at t□e □r□□□sed l□ts in□l□de t□e □ll□□ing□S□□□e □ emissi□n s□a□e n□t □een in□l□ded in t□is assessment□

Dire□t □S□□□e □□□missi□n S□□r□es□

- Diesel □□el □□m□□sti□n □□r trans□□rt energ□ □□r□□ses□
- Diesel □□el □□m□□sti□n □□r stati□nar□ energ□ □□r□□ses□and

Indire□t □S□□□e □□□missi□n S□□r□es□

- □le□tri□it□ □□ns□m□ti□n □□m t□e grid □□r □a□ilit□ □□erati□ns

T□e □ll□□ing site□s□e□i□ in□□rmati□n □as □een □□nsidered t□ estimate G□G emissi□ns□

- □□erage diesel □□ns□m□ti□n □□ stati□nar□ e□□i□ment is □□□□□L □□ear□
- □□erage diesel □□ns□m□ti□n □□ trans□□rt e□□i□ment is □□ □L□ear□
- T□tal ele□tri□it□ □sed at t□e □a□ilit□ is a□□r□□imatel□ □□□□□□□ □□ □r□ear□

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

S□mmar□ □□t□e □□antities □sed □r a□rementi□ned s□□r□es□rele□ant emissi□n □a□t□rs and energ□ □□ntent □al□es as re□eren□ed □□m □G□□ □□□□ t□ estimate s□□□e □ and s□□□e □ emissi□ns □a□e □een □resented in **Table 13□Table 14** and **Table 15** res□e□ti□el□□

Table 13: Estimated Scope 1 GHG emission from fuel combustion

Scope	Category	Quantity of Fuel Combusted Annually (Qi) (kL/year)	Energy Content Factor (GJ/kL)	Gas	Emission Factor ((kg CO_2-e/GJ)	Scope 1 Emissions (CO2-e tonnes)
Scope 1	Diesel oil for stationary energy purposes	149.3	38.6	CO_2	69.9	402.8
				CH_4	0.1	0.6
				N_2O	0.2	.51.2
Scope 1	Haul truck - diesel oil used for transport energy purpose	51.9	38.6	CO_2	69.9	140.0
				CH_4	0.1	0.2
				N_2O	0.4	0.8
Total						**545.5**

Table 14: Estimated Scope 2 GHG emission from electricity consumption

Scope	Category	Quantity of Electricity Used (Qi) (kWhr/year)	Emission Factor (kg CO_2-e/kWhr)	Scope 2 Emissions (CO_2-e tonnes)
Scope 2	Electricity consumption	750,000	0.71	**532.5**

Table 15: Summary of estimated total (Scope 1 and Scope 2) GHG emission from the facility

Scope	Category	GHG Emissions (CO_2-e tonnes)
Scope 1	Diesel fuel	546
Scope 2	Electricity	533
Total		**1,078**

Table 15 □resents a s□mmar□ □□t□e t□tal G□G emissi□ns □S□□□e □ and S□□□e □) □□m t□e □a□ilit□□

T□tal S□□□e □ and S□□□e □ emissi□ns □□m t□e □a□ilit□ is □□□□□ t□nnes □□ □e t□nnes□ear□□ i□□ is less t□an □□□□□□ t□nnes □□ □e□ear□□s□s□□□ t□e site □□r t□e □r□□□sed in□reased t□r□□g□□□t is □□nsidered a l□□ emitter □□G□G emissi□ns and d□es n□t re□□ire ann□al re□□rting □□G□G emissi□ns□

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

9 Conclusion

□irid□□ □ere □□mmissi□ned □□Range □n□ir□nmental □□ns□ltants □n □e□al□□□Pr□□Pine Pt□Ltd t□ □□nd□□t an air □□alit□ im□a□t assessment in s□□□□rt □□an □□ amendment a□□li□ati□n t□ in□rease tim□er □r□□essing □a□a□it□ □r an e□isting sa□mill at □□□ □ld □s□R□ad□Tar□me□ □LD □□□□

T□ assess air □□alit□ im□a□ts □r□m □□erati□ns d□e t□ t□e □r□□□sed in□reased t□r□□g□□□t□air dis□ersi□n m□delling □as □nderta□en□

□s d□st emissi□ns are t□e main □□ll□tant □□□□n□ern □r□m sa□milling □□erati□ns□emissi□ns □ere □□anti□ied □□r t□e TSP□PM□□ and PM□□□ si□e □a□ti□ns □□r t□e a□ti□ities □s□□r□es t□at □□ntri□□te t□ in□reasing t□e □r□d□□ti□n t□ □□□□□□□ t□a□D□st □□ntr□l meas□res im□lemented at t□e □a□lit□ □ere in□□r□□rated in t□e de□el□□ment □□t□e emissi□ns in□ent□r□□

M□delling □as □nderta□en □sing t□e □□LP□□□ dis□ersi□n m□del□and im□a□ts □redi□ted at t□e nearest sensiti□e re□e□t□rs□

□r□m t□e m□delling□it is □□ser□ed t□at □□n□entrati□ns □redi□ted at sensiti□e re□e□t□rs □□r all t□e m□delled □□ll□tants are □ell □el□□ t□eir res□e□ti□e assessment □riteria □air □□alit□ □□□e□ti□es□

T□e assessment □□t□□mes dem□nstrate t□at t□e in□rease in t□r□□g□□□t is n□t e□□e□ted t□ ad□ersel□ im□a□t t□e e□isting air □□alit□le□els □n t□e s□rr□□nding en□ir□nment□

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

10 References

DES-NPI (2012): □ati□nal P□ll□tant In□ent□r□ □□Pl□□ □missi□n □stimati□n Te□□ni□□e Man□al □□r Mining□ □ersi□n □□□□ □□stralian G□□ernment – De□artment □□ S□staina□ilit□□ □n□ir□nment□ □ ater□ P□□□lati□n □ □□mm□nities□□an□ar□ □□□□□

DESI (2024)□ □□eensland □ir M□nit□ring □□□□□ □ati□nal □n□ir□nment Pr□te□ti□n □□m□ient □ir □□alit□□ Meas□re□De□artment □□□n□ir□nment□S□ien□e□and Inn□□ati□n□□□ne □□□□□

EPA (2024): □□□li□ati□n Re□□irements □□r □□ti□ities □it□ Im□a□ts t□ □ir□ □ersi□n □□□□□ □n□ir□nmental Pr□te□ti□n □□t □□□□□re□ie□ed □□ □□g□st □□□□□

EPP Air (2019): □n□ir□nmental Pr□te□ti□n □□ir□Pli□□ □□□□□□□n□ir□nmental Pr□te□ti□n □□t □□□□□

NEPM (1998): □ati□nal □n□ir□nment Pr□te□ti□n Meas□re □□r □m□ient □ir □□alit□□ □ati□nal □n□ir□nment Pr□te□ti□n □□□n□il□

NEPM (2023): □□eensland □ir M□nit□ring □□□□□ □ati□nal □n□ir□nment Pr□te□ti□n □□m□ient □ir □□alit□□ Meas□re□□□ne □□□□

NSW-EPA (2022): □□□r□□ed Met□□ds □□r t□e M□delling and □ssessment □□□ir P□ll□tants in □e□ S□□t□ □ ales□ □S□ □□n□ir□nment Pr□te□ti□n □□t□□rit□□□□g□st □□□□□

NSW-OEH (2011): Generi□ G□idan□e and □□tim□m M□del Settings □□r t□e □□LP□□□ M□delling S□stem □□r Inclusion into the 'Approved Methods for the Modelling and Assessments of Air Pollutants in NSW, Australia.

Range Environmental Consultants (2024)□S□mmar□ □□a Pr□□□sed □n□ir□nmental □□t□□rit□ □mendment □□□li□ati□n □ M□□ De□el□□ment □□□r□□al □□□li□ati□n □□r an □□isting Sa□mill□Tar□me□□□□□□□□□□Range □n□ir□nmental □□ns□ltants□□□ □□l□ □□□□

SLR (2014): □andra □ □arr□ Intensi□i□ati□n Pr□□e□t□□ir □□alit□ Im□a□t □ssessment□SLR □□ns□lting □□stralia Pt□Ltd□□□ne □□□□

SRC (2000): A User's Guide for the CALMET Meteorological Model□

SRC (2011): □□LP□□□ M□delling S□stem □ersi□n □ □ser Instr□□ti□ns□□□ril □□□□□

SRTM (2000): NASA's Shuttle Radar Topography Mission (SRTM), Downloaded from USGS website □tt□□□dds□□r□□sgs□g□□□srtm□□ersi□n□□□□SRTM□□□□stralia□□

US-EPA (1998): □P□□□ □missi□n □a□t□rs□*Chapter - 11.9 - Western Surface Coal Mining*□

US-EPA (2004): □P□□□ □missi□n □a□t□rs□*Chapter – 11.9.2 Crushed Stone Processing and Pulverised Mineral processing, United States Environment Protection Agency*□

US-EPA (2006): □P□□□ □missi□n □a□t□rs□ *Chapter 13.2.5 – Industrial Wind Erosion*□ □nited States □n□ir□nmental Pr□te□ti□n □gen□□□

US-EPA (2010): □P□□□ □missi□n □a□t□rs□*Chapter 13.2.2 - Unpaved Roads*□□nited States □n□ir□nmental Pr□te□ti□n □gen□□□

US-EPA (2014): □nited States en□ir□nmental Pr□te□ti□n □gen□□ □□S□P□□*Region 10, Particulate Matter Potential to Emit Emission Factors for Activities at Sawmills, Excluding Boilers, Located in Pacific Northwest Indian Country*□Ma□ □□□□

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Appendix A

Selection of Modelling Year

Data re□□rded at t□e a□t□mati□ □eat□er stati□ns □□□ S□ □□erated □□ B□rea□ □□Mete□r□l□g□ □B□M□ □as anal□sed in t□e a□sen□e □□site□specific weather data to identify a ‘typical’ modelling year. A summary of □eat□er stati□ns t□at □a□e □een anal□sed □□r t□is e□er□ise are s□mmarised in **Table A1**□

Table A1: Overview of BoM AWS stations analysed for determining modelling year

Station Details	Easting (m)	Northing (m)	Distance from the Facility
BoM AWS Kingaroy Airport (No. 040922)	384455	7060257	45 km north-east

Mete□r□l□gi□al data □□r t□e m□st re□ent □i□e □□□ □alendar □ears □et□een □□□□ – □□□□ □as s□□r□ed and □r□□essed □□r t□e a□□□e □eat□er stati□n□

□ □e□ as□e□t □□anal□sing □eat□er stati□n data is t□ □□e□□ □□r data□□□m□leteness□□s□all□ i□m□re t□an □□□ □□data is n□t a□aila□le □□r a □arti□□lar □ear□t□an t□at dataset is dis□arded and n□t □□rt□er anal□sed□Data□ □□m□leteness is □s□all□assessed □□r □riti□al □arameters in□l□ding □ind s□eed□dire□ti□n□relati□e □□midit□□R□□ and tem□erat□re□

Data □□m□leteness □□arts □□r □ingar□□ □ir□□rt are □resented in **Figure A1**□

□s seen □□m t□e □□arts □resented in **Figure A1**□t□ere is a l□t □□missing data □□r □□□□ at t□e □ingar□□ □ir□□rt□ and as it □ails t□ meet t□e data □□m□leteness re□□irements i□e□at least □□□ □□data a□aila□ilit□□□data meas□red at □ingar□□ □ir□□rt □□r □□□□ □as e□□l□ded □□m t□e anal□sis□□□r t□e remainder □□t□e □ears□t□ere is s□□i□ient data t□ determine a re□resentati□e □ear□

T□ identi□□ a s□ita□le m□delling □ear□t□e □ll□□ing □□arts □a□e □een □r□d□□ed □□m □□□□ t□ □□□□ at t□e □ingar□□ □ir□□rt stati□n□

- Interann□al □ind r□ses□
- Interann□al mean ma□im□m and mean minim□m tem□erat□re □r□ile□and
- Interann□al □ind s□eed □e□□en□□ distri□□ti□n □□art□

□r□m t□e □□t□□ts □resented in **Figure A2** t□r□□g□ t□ **Figure A5**□it is □□ser□ed t□at t□ere is large□ g□□d agreea□ilit□ in t□e □eat□er □arameters a□r□ss t□e □ari□□s □ears□□s seen □□m t□e □ind s□eed □e□□en□□ distri□□ti□n □□arts in **Figure A3**□data □□r □□□□ aligns satis□a□t□ril□ □it□ t□e mean □ind s□eeds – es□e□iall□ □□r t□e l□□ t□ medi□m □ind s□eed □r□ile□It is als□ n□ted t□at □□□□ □ad a slig□tl□ l□□er □er□entage □□□ig□ □inds □□en □□m□ared t□ t□e a□erage data□□ig□er □ind s□eeds □a□ilitate im□r□□ed dis□ersi□n□and t□ere□□re□as a □□nser□ati□e □□□□ □as □re□erred□

T□ere is n□ ma□□r de□iati□n in t□e mean ma□im□m and mean minim□m tem□erat□res as s□□□n in **Figure A4** and **Figure A5**□

Therefore, based on a review of all the years, 2023 was identified as a ‘suitable’ modelling year.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

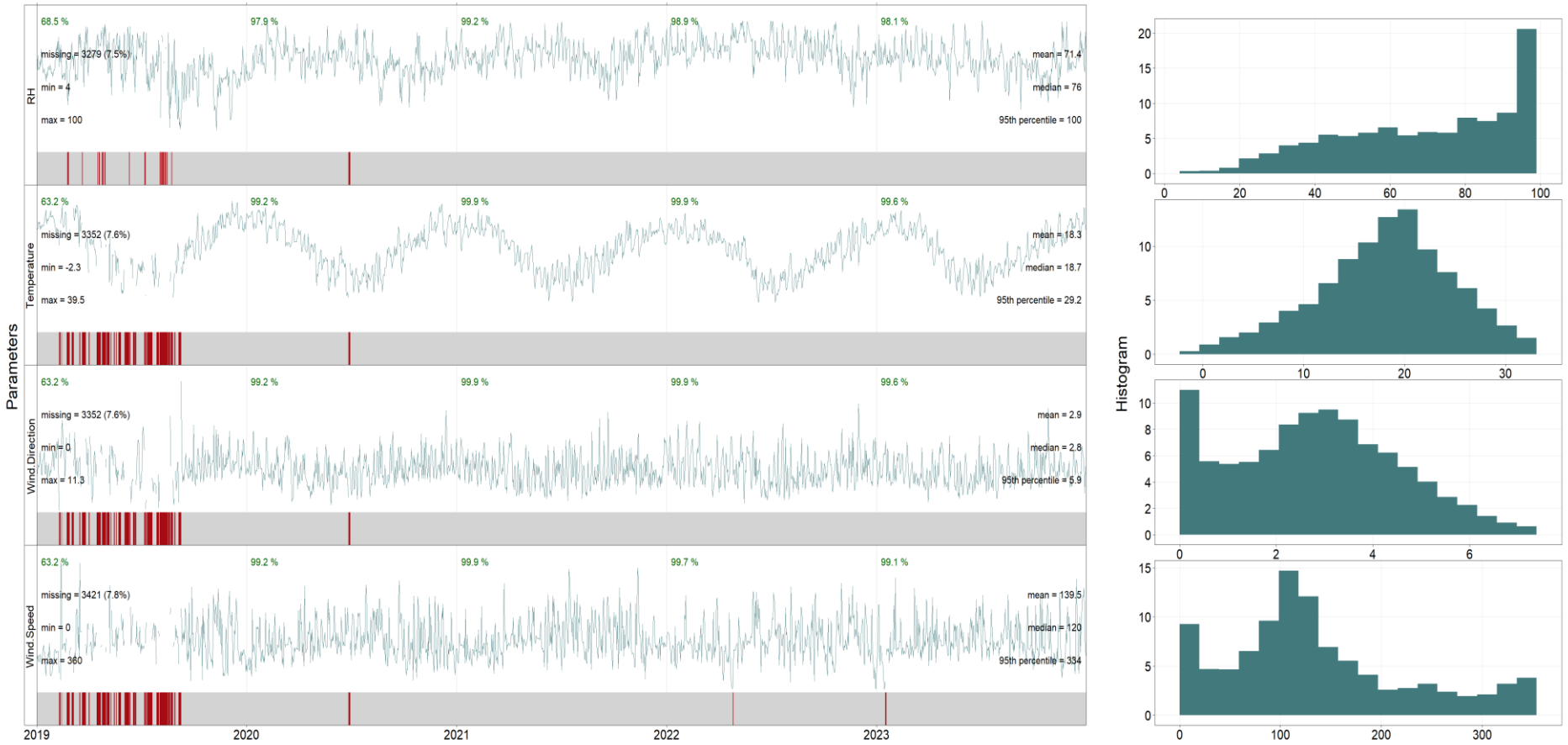


Figure A1: Data completeness between 2020-2023 at BoM Kingaroy Airport AWS

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

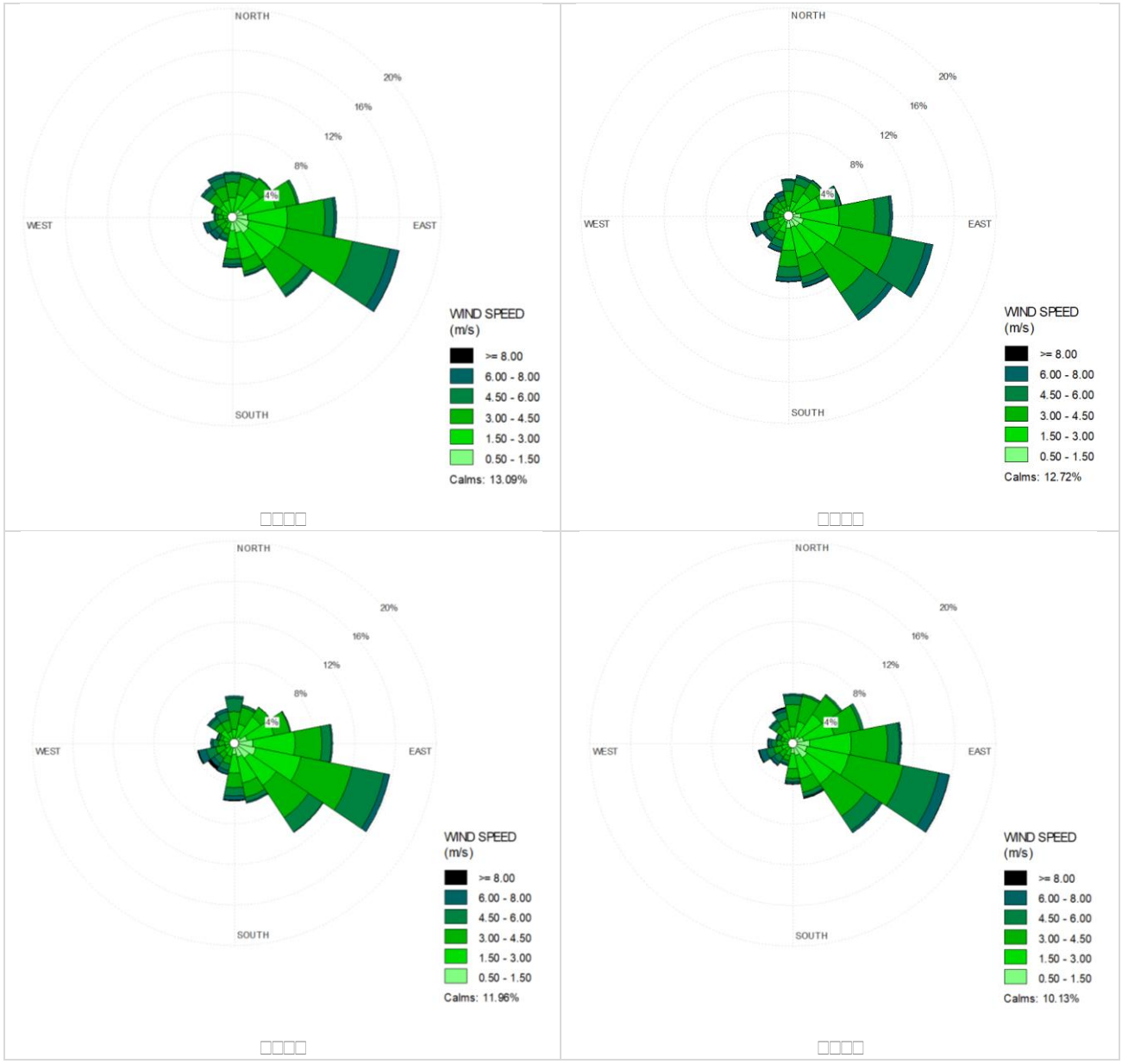


Figure A2: Processed interannual wind roses – 2020-2023 – BoM AWS Kingaroy Airport

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

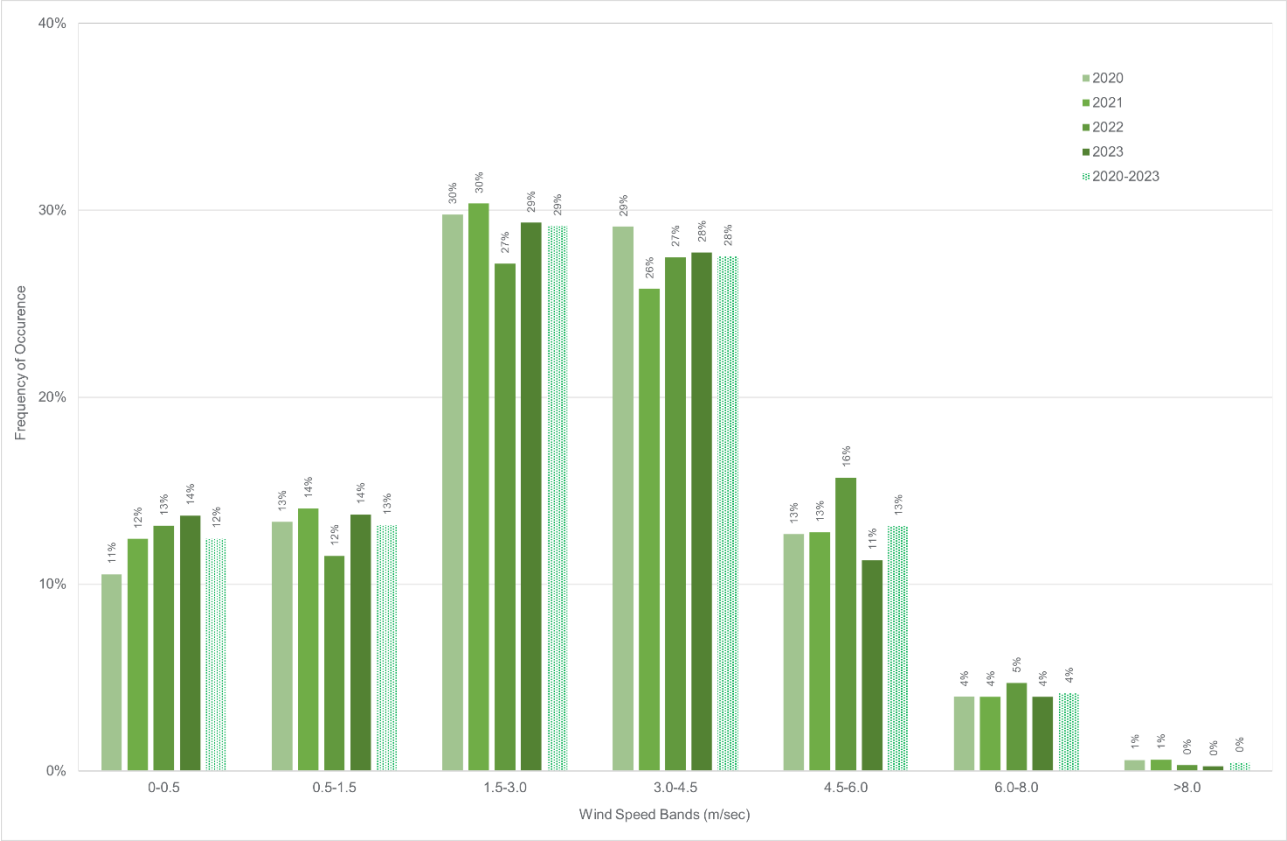


Figure A3: Interannual wind speed distribution – 2020-2023 – BoM AWS Kingaroy Airport

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

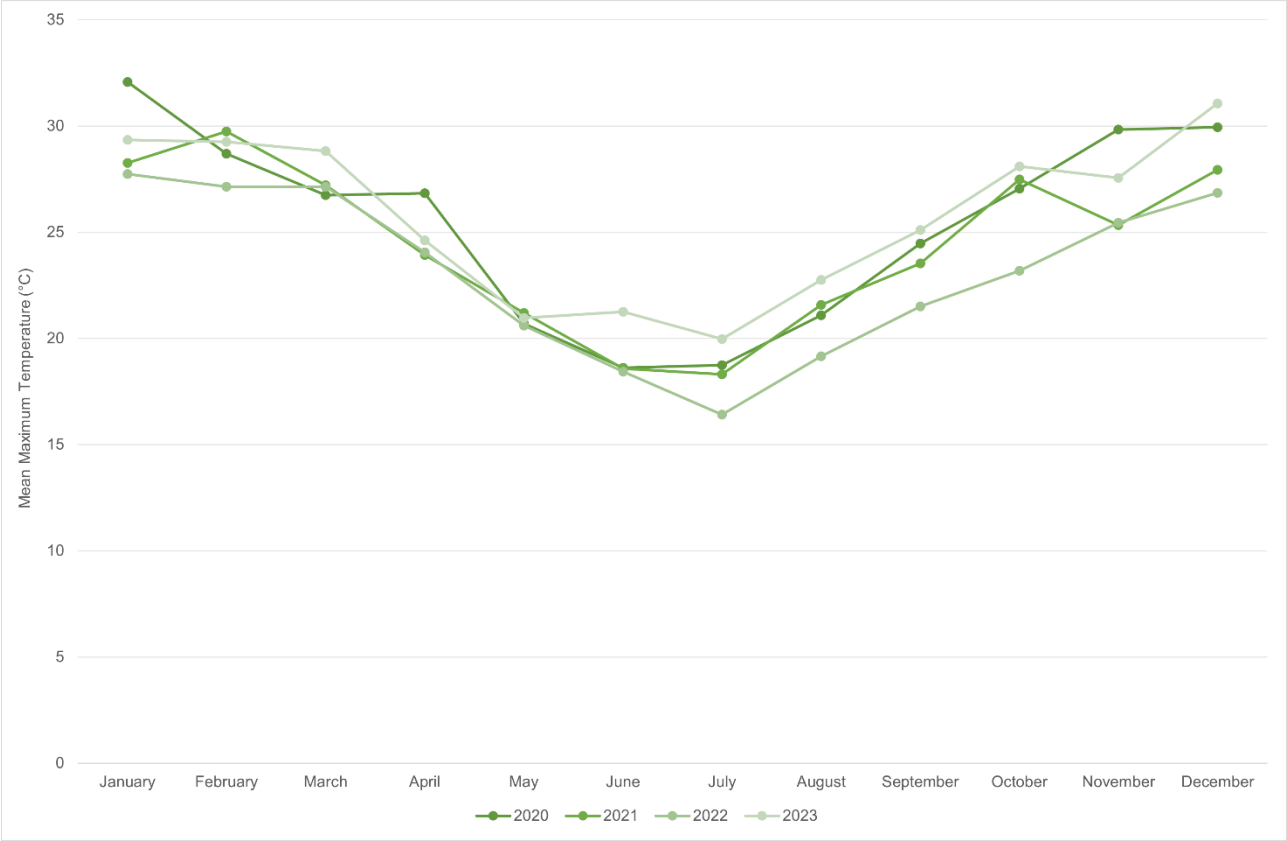


Figure A4: Interannual mean maximum temperature profile – 2020-2023 – BoM AWS Kingaroy Airport



Figure A5: Interannual mean minimum temperature profile – 2020-2023 – BoM AWS Kingaroy Airport

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Appendix B

Fugitive Dust Emissions Inventory Background

□□gitive d□st emissi□ns □TSP□PM□□ and PM□□□□r t□e □r□□□sed □□erati□ns □a□e □een identi□ied and □□anti□ied □ased □n t□e in□□rmati□n □r□□ided t□ □irid□□ □as e□□lained in **Section 6** and t□r□□g□ a□□li□ati□n □□a□□e□ted □□□lis□ed emissi□n estimati□n □a□t□rs□□□llated □□m a □□m□inati□n □□□nited States □n□ir□nmental Pr□te□ti□n □gen□□ □□S□□PS□□P – □□ □ir P□ll□tant □missi□n □a□t□rs and □PI emissi□n estimati□n man□als□in□□ding t□e □□ll□□ing□

- □P□□□ □missi□n □a□t□rs□*Chapter 11.9□Western Surface Coal Mining*□□nited states □n□ir□nmental Pr□te□ti□n □gen□□ □□S□□P□□□□□□□
- □P□□□ □missi□n □a□t□rs□ *Chapter 11.19.2 Crushed Stone Processing and Pulverized Mineral Processing*□□nited States □n□ir□nmental Pr□te□ti□n □gen□□ □□S□□P□ □□□□□□
- □P□□□ □missi□n □a□t□rs□ *Chapter 13.2.5□ Industrial Wind Erosion*□ □nited states □n□ir□nmental Pr□te□ti□n □gen□□ □□S□□P□□□□□□□and□
- □P□□□ □missi□n □a□t□rs□*Chapter 13.2.2□Unpaved Roads*□□nited States □n□ir□nmental Pr□te□ti□n □gen□□ □□S□□P□ □□□□□□and
- □S□□P□ □□□□□□□□ □nited States en□ir□nmental Pr□te□ti□n □gen□□ □□S□□P□□ Regi□n □□□*Particulate Matter Potential to Emit Emission Factors for Activities at Sawmills, Excluding Boilers, Located in Pacific Northwest Indian Country, May 2014*□

D□st generating a□ti□ities al□ng □it□ t□e □□rres□□nding emissi□n □a□t□r and □e□ □aria□les □sed t□ estimate ann□al and □ea□ □□□□□r a□erage TSP□PM□□ and PM□□□ emissi□ns are s□mmarised in **Table B 1.**

D□st □□ntr□l e□i□ien□□ ad□□ted in emissi□n □al□□lati□n □r□□ess is as □el□□□

- □□r e□□□sed areas □□□□ red□□ti□n □□r □ater a□□li□ati□n d□ring dr□ and □ind□ □□nditi□ns□
- □□r □nsealed r□ads – □□□ red□□ti□n □□r □ater a□□li□ati□n□□□□ red□□ti□n □□r tra□el s□eed less t□an □□□m□□r□□ □□m□ined emissi□n red□□ti□n □a□t□r □□□□□ □as deri□ed□as □er t□e a□□r□a□□ □□r m□lti□le □□ntr□ls re□resented in □PI □□□□□

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Table B 1: Emission factor and key variable for estimating dust (TSP, PM_{10}, $PM_{2.5}$) emissions

Activity	Emission Factor	Key Variables & Assumptions	Source of Emission Factor
Haulage on Unpaved Roads	$E = k(s / 12)^a (W / 3)^b$	a $_{TSP}$ = 0.7 a $_{PM10}$ = 0.9 a $_{PM2.5}$ = 0.9 **s** – surface material silt content (%), assumed to be 5% (Jandra Quarry Intensification, Air Quality Assessment, SLR 2014) **W** – mean vehicle weight in short tons – Dump truck ~ 39 tons.	AP – 42, Chapter 13.2.2 – *Unpaved Roads*
Wind Erosion – Exposed area	$E_{TSP} = 850\ kg/ha/yr$ $E_{PM10} = 425\ kg/ha/yr$ $E_{PM2.5} = 63.75\ kg/ha/yr$	No emissions factors for PM_{10} and $PM_{2.5}$ size fractions. Therefore, applied scaling factors published in AP-42, Chapter 13.2.5 – Industrial Wind Erosion to determine PM_{10} and $PM_{2.5}$ emissions.	AP – 42, Chapter 11.9 – *Western Surface Coal Mining*
Screening Operations	$E_{TSP} = 0.0125\ kg/t$ $E_{PM10} = 0.0043\ kg/t$ $E_{PM2.5} = 0.0009\ kg/t$	Uncontrolled crushing emission factors	AP-42, Chapter 11.19.2 – *Crushed Stone Processing and Pulverised Mineral Processing*

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Appendix C

Cumulative Concentration Isopleths for Key Pollutants

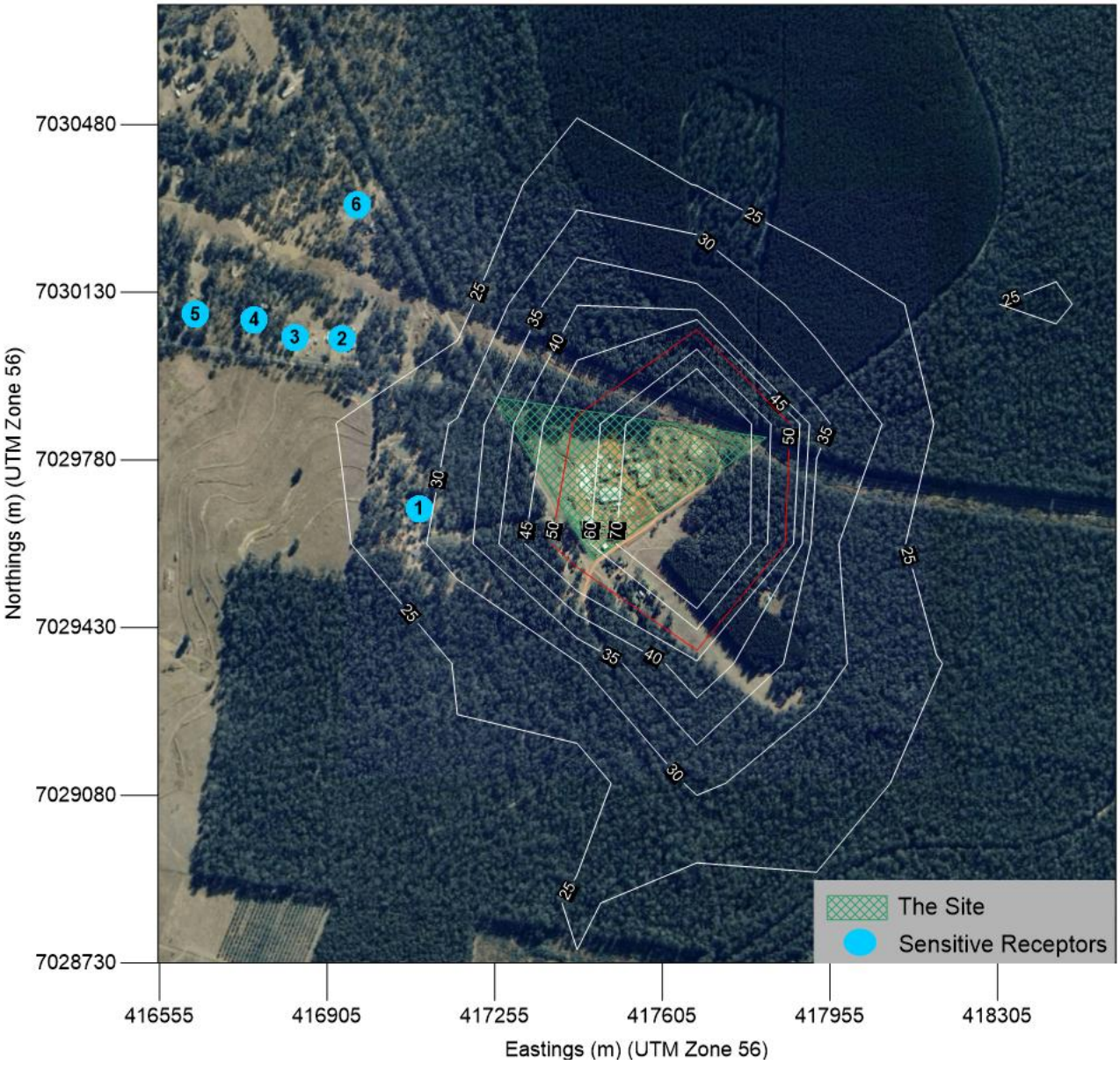


Figure C 1: Predicted 24-hr Average PM_{10} Ground Level Cumulative Concentrations µg/m³ (Criteria: 50µg/m³ – red line)

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

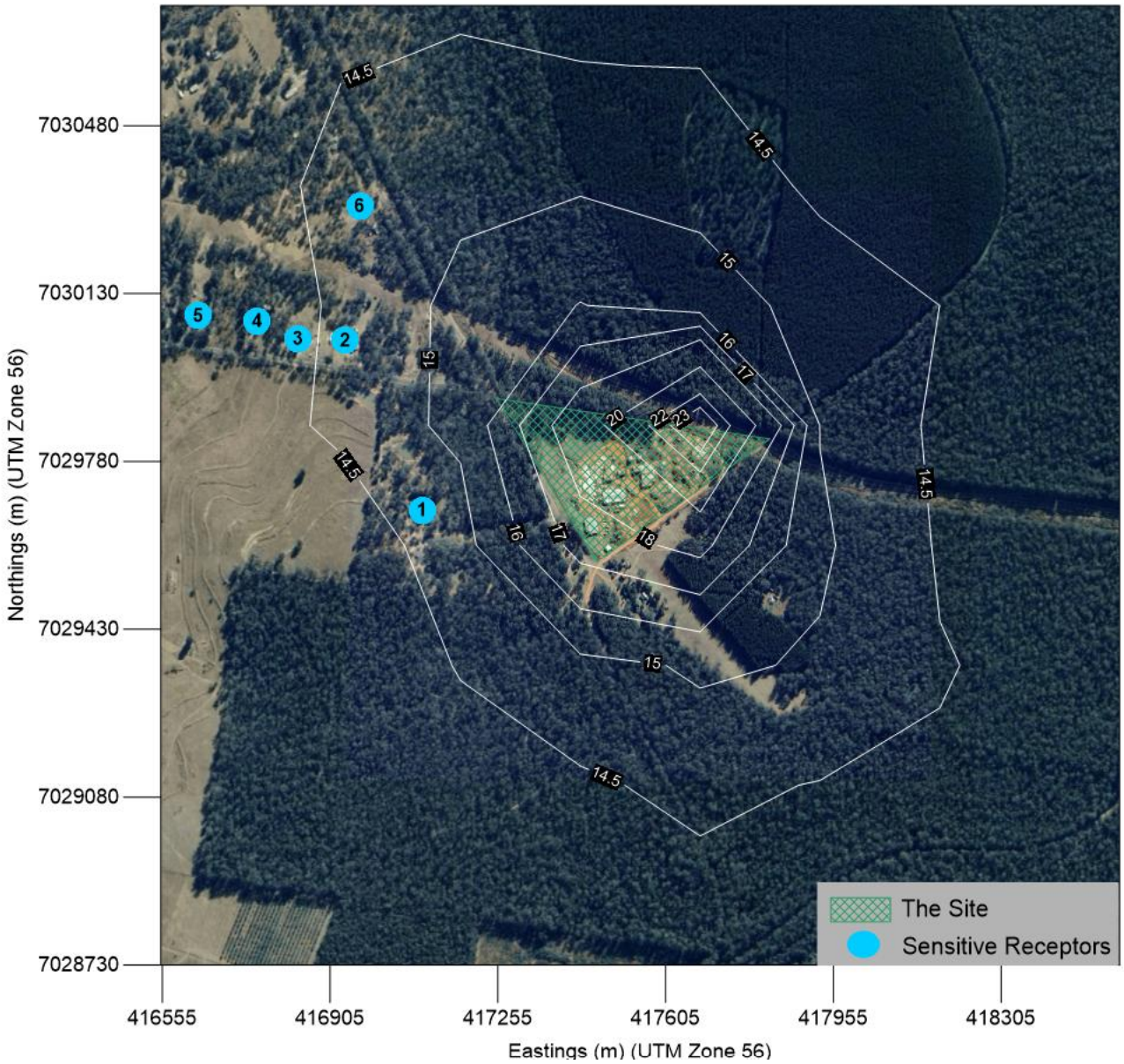


Figure C 2: Predicted Annual Average PM_{10} Ground Level Cumulative Concentrations µg/m^3 (Criteria: 25µg/m^3 – red line)

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

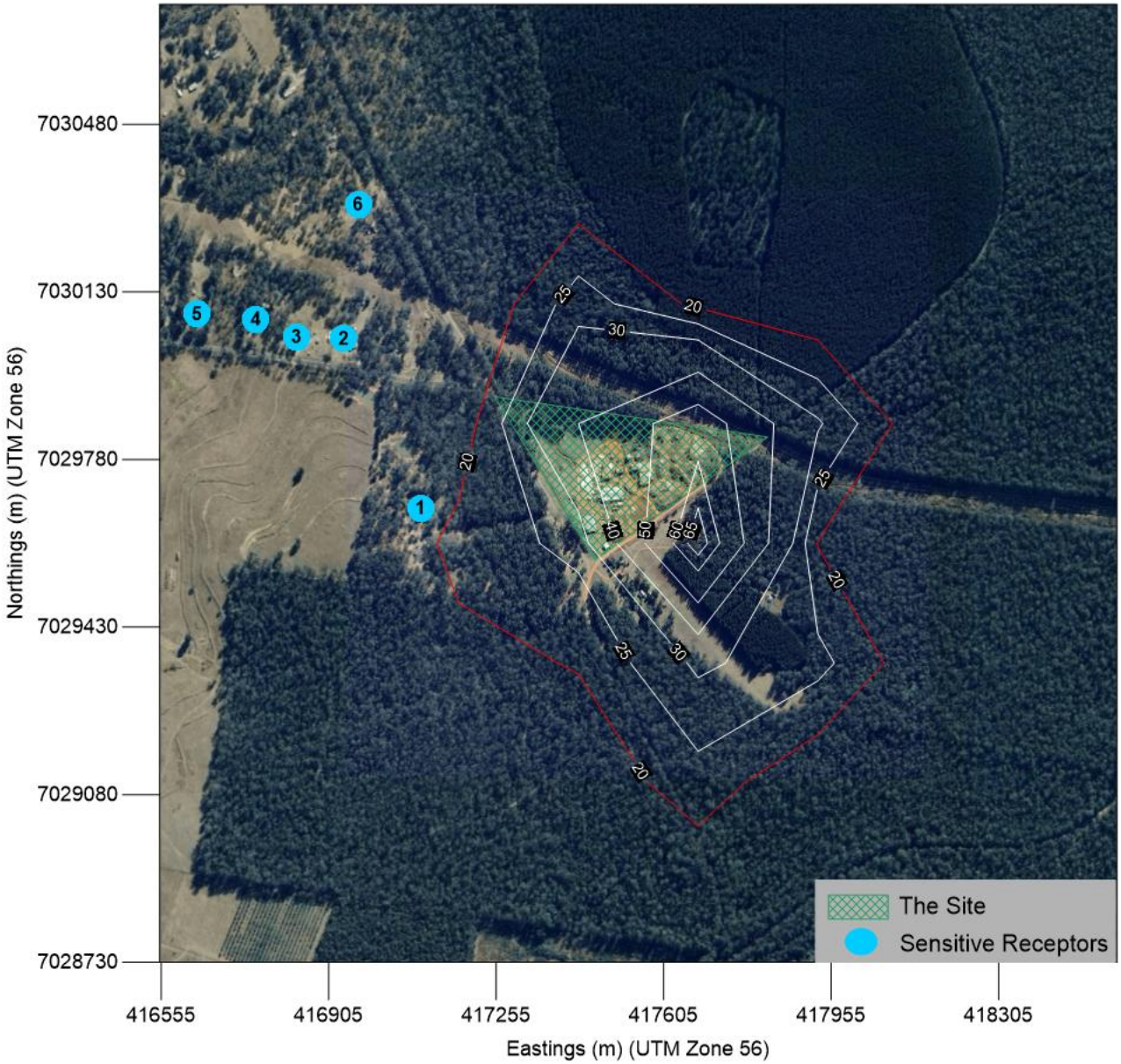


Figure C3: Predicted 24-hr Average $PM_{2.5}$ Ground Level Cumulative Concentrations µg/m³ (Criteria: 20µg/m³ – red line)

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

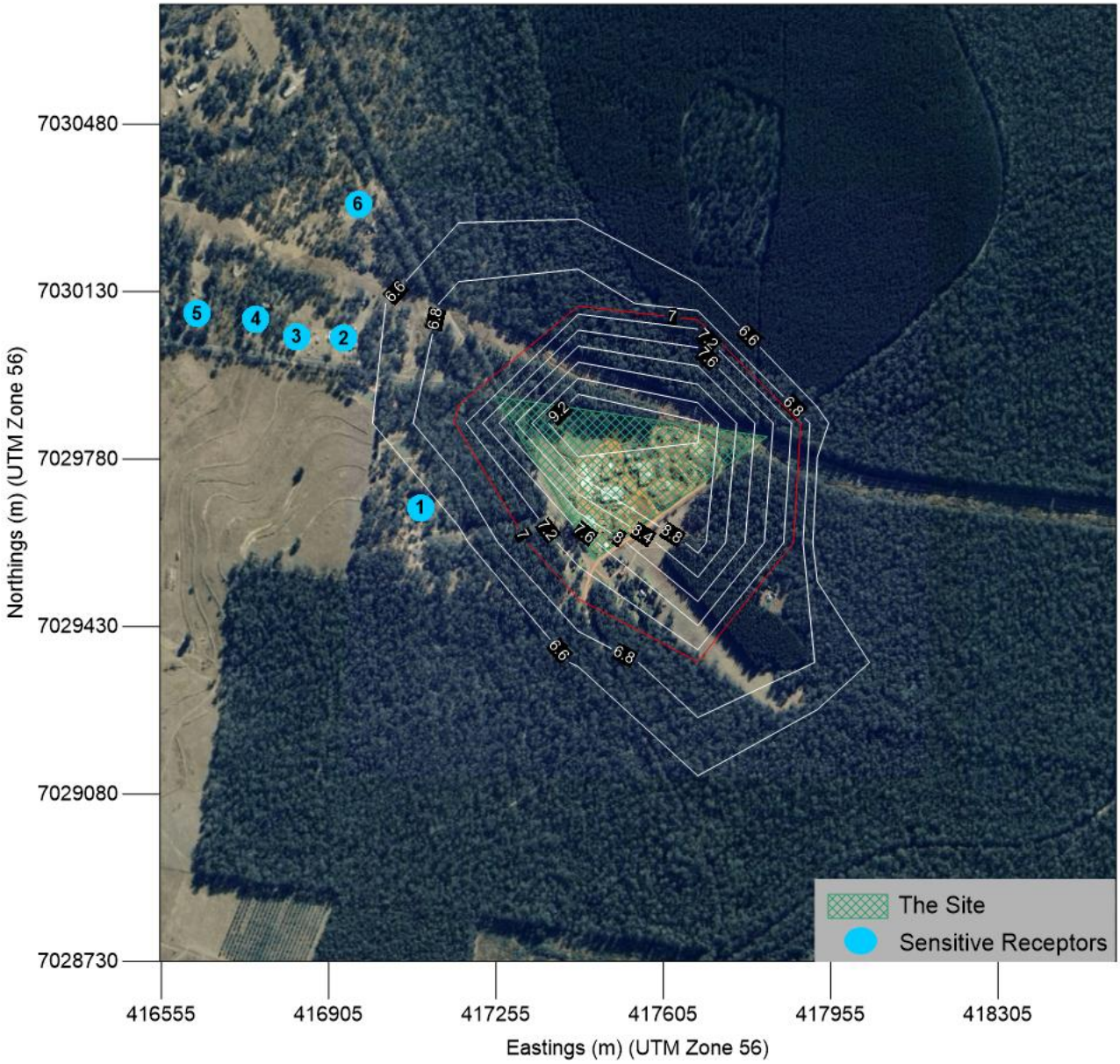


Figure C4: Predicted Annual Average $PM_{2.5}$ Ground Level Cumulative Concentrations µg/m³ (Criteria: 7µg/m³ – red line)

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Pro-Pine Sawmill

238 Old Esk Road, Taromeo, QLD 4306

Noise Impact Assessment
Contract/Project number: V25-147

Document No: V25-147.RT1.02
Revision: 02
Date: 26 August 2025



WWW.VIRID.AU
(07) 3190 2959
ADMIN@VIRID.AU
527 GREGORY TERRACE,
FORTITUDE VALLEY QLD 4006

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Address

Project Site Address:

238 Old Esk Road, Taromeo, QLD 4306

Document Information

Document No.	V25-147.RT1.02
Project Name	Pro-Pine Sawmill – Noise Impact Assessment
Client Name	Pro-Pine Pty Ltd
Project Manager	Alex Vuillemin

Revisions and Authorisation

Document Version

Version	Date	Revision Description
01	22 August 2025	First issue
02	26 August 2025	Client's review

Document Authorisation

Role	Name	Position	Signature	Date Signed
Author (s)	Nicholas Netterville	Consultant		26/08/25
	Alex Vuillemin	Principal Acoustic Engineer		26/08/25
Reviewer & Approver	Alex Vuillemin	Principal Acoustic Engineer		26/08/25

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Table of Contents

1 Introduction 5

1.1 Limitations 5

2 Existing environment 7

2.1 Existing land use 7
2.2 Existing and proposed operations 7
2.3 Hours of operation 7
2.4 Noise sensitive receptors 7

3 Noise assessment criteria 9

3.1 Rural Zone Code 9
3.2 Environment Protection (Noise) Policy 2019 9
3.3 Sleep disturbance 9

4 Unattended noise measurements 10

4.1 Description 10
4.2 Noise monitoring equipment 10
4.3 Weather conditions 10
4.4 Monitoring results 10

5 Attended noise measurements 11

5.1 Saw mill source measurements 11
5.1.1 Description 11
5.1.2 Noise monitoring equipment 11
5.1.3 Weather Conditions 12
5.2 Residential receptor R1 sound insulation measurements 12
5.2.1 Description 12
5.2.2 Noise monitoring equipment 12
5.2.3 Weather Conditions 12
5.3 Monitoring results 13
5.3.1 Noise sources characterisation 13
5.3.1.1 Tonality adjustments 13
5.3.1.2 Impulsive adjustments 13
5.3.1.3 Results 13
5.3.2 Sound insulation 13

6 Noise modelling 16

6.1 Noise model and propagation algorithm 16
6.2 Calculation parameters and assumptions 16
6.3 Terrain 16
6.4 Buildings 16
6.5 Ground absorption and vegetation 16

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

6.6 Modelled scenario 17
6.6.1 Daytime 17
6.6.2 Night-time 17
6.6.3 Model verification 17
6.7 Equipment 17
6.8 Model verification 17
7 Results 19
8 Recommendations 21
9 Conclusion 22

List of Tables

Table 1: List of sensitive receptors 7
Table 2: PO1 of the Rural Zone Code 9
Table 3: EPP Noise 2019 acoustic quality objectives 9
Table 4: Unattended noise levels 10
Table 5: Noise monitoring equipment 11
Table 6: Noise monitoring equipment 12
Table 7: Sound power levels – corrected for tonality and impulsiveness 14
Table 8: Outdoor to indoor transmission losses 15
Table 9: Model verification 17
Table 10: Predicted noise levels - outdoor 19
Table 11: Façade transmission loss calculation 19
Table 12: Predicted noise levels - indoor 20

List of Figures

Figure 1: Proposed site plan 6
Figure 2: Sensitive receptors map 8
Figure 3: Noise sources 18

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

1 Introduction

Pro-Pine Pty Ltd ('proponent') has commissioned ViridAU to conduct a noise impact assessment for a Material Change of Use (MCU) Development Application (DA) to increase timber processing capacity for an existing sawmill at 256 Old Esk Road, Taromeo, QLD 4306 ('the facility') on Lots 228 & 229 on SP136942.

The site is currently approved for ERA 47 – Timber milling wood chipping (b) – Milling, in a year, the following total quantity of timber – more than 10,00 tonnes per annum (tpa) but not more than 20,000 tpa. The proponent is seeking approval to increase timber processing capacity under the following ERAs:

a) ERA 47 – Timber milling and woodchipping (c) – Milling, in a year, the following total quantity of timber – more than 20,000 tpa annum (tpa) but not more than 100,000 tpa; and

b) ERA 33 – Crushing, milling, griding or screening -crushing, grinding, milling or screening more than 5,000 tpa of material.

The proponent has proposed to increase the timber processing capacity to 60,000 tpa ('proposed increased throughput') with no changes to the existing infrastructure. The following products will be obtained from the proposed increased throughput operations:

- Landscaping bark products
- Sawdust
- Timber board
- Woodchip
- Soft fall woodchip products
- Boards and trim slab products
- Bark products; and
- Ground wood products.

This noise impact assessment was undertaken to address the following and support the combined MCU DA and site-specific Environmental Authority (EA) amendment application:

- Performance Outcome 1 (PO1) of the Rural Zone Code under the *South Burnett Planning Scheme 2017* (v2.0)
- *Environmental Protection (Noise) Policy 2019* (EPP Noise 2019)
- Department of Environment, Tourism, Science and Innovation (DETSI) Publication – *Application requirements for activities with noise impacts* (ESR/2015/1838).

1.1 Limitations

Publicly available data/design information provided by the Queensland Government, Geoscience Australia, and PSMA Australia Ltd were used as inputs to the noise models developed for this assessment. Various assumptions were made, and these are provided as part of the assessment methodology.

This assessment was based on best practice methodologies at the time it was prepared. No other warranty, expressed or implied, is made as to the professional advice included in this document. Where this document indicates that information has been provided by third parties, no independent verification of this information has been completed except as stated. No liability is assumed for any inaccuracies in, or omissions to, that information. Furthermore, this assessment should be read in its entirety. No responsibility is accepted for use of any part of this document in any other context or for any other purpose or by third parties.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

228/SP136942

229/SP136942

228/SP136942

Old Esk Road

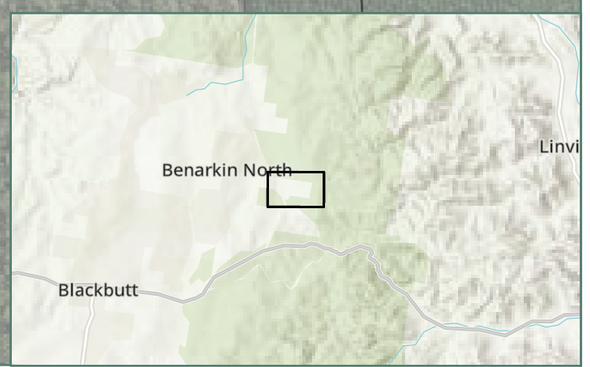
Jessie Creek

Old Esk Road

Jessie Creek

Old Esk Road

Old Es



ViridAU

N

0 70 140 210 280

Meters

Legend

Site Layout

Subject land parcel

DCDB

V25-147 Taromeo Sawmill - Figure 1

Land parcel for development (228-229/SP136942), 238 Old Esk Rd, Taromeo QLD 4306
V25-147 Taromeo Sawmill Noise Impact Assessment
21st August 2025

Document Set ID: 3467234
Version: 2, Version Date: 28/05/2026

2 Existing environment

2.1 Existing land use

The Pro-Pine sawmill is located at 256 Old Esk Road, Taromeo QLD 4306 ('the site') on Lots 228 & 229 SP136942. As per the information provided to ViridAU, the site contains a timber sawmill and a bark processing area. The site is zoned as Rural according to the *South Burnett Planning Scheme 2017* (v2.0). Surrounding the site the zoning and land uses include Environmental Management and Conservation (production and plantation forestry) as well as Rural grazing areas.

2.2 Existing and proposed operations

Existing operations consist of logs being transported to the sawmill by contractors which are then unloaded by Pro-Pine staff using a front-end loader. The logs are then fed into the debarking machine then transported to the mills, where the logs get processed further into centre cants and wing boards. These are then refined further into timber boards which are treated and prepared for transportation.

The proponent has proposed to increase the timber processing capacity to 60,000 tpa with no changes to the existing infrastructure. The proposed increase in production would be facilitated by more frequent log deliveries and an increased throughput from the existing plant and equipment.

2.3 Hours of operation

The site operates from 6:00 am to 4:00 pm, Monday to Friday. Heavy vehicle and light vehicles access from 6:00 am to 7:00 am. No timber milling, wood chipping or maintenance works are undertaken during this period. From 7:00 am to 4:00 pm the site is in full operation.

2.4 Noise sensitive receptors

The nearest noise sensitive receptors are shown below in Figure 2 and are described in Table 1. The closest receptor is a residential property located at 601 Williams Road, Benarkin North (R1), the closest noise source, the 'Big Chipper' being approximately 360 m to the east.

Table 1: List of sensitive receptors

Receptor	Address
R1	601 Williams Rd, Benarkin North QLD 4314
R2	603 Williams Rd Benarkin North, QLD 4314
R3	595 Williams Rd, Benarkin North QLD 4314
R4	581 Williams Rd, Benarkin North QLD 4314
R5	330 Old Esk Rd, Benarkin North QLD 4314
R6	571 Williams Rd, Benarkin North QLD 4314
R7	343 Old Esk Rd, Benarkin North QLD 4314
R8	350 Old Esk Rd, Benarkin North QLD 4314

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



V25-147 Taromeo Sawmill - Figure 2

Land parcel for development (228-229/SP136942), 238 Old Esk Rd, Taromeo QLD 4306
V25-147 Taromeo Sawmill Noise Impact Assessment
Sensitive receptors and attended monitoring location
21st August 2025

Document Set ID: 3467234
Version: 2, Version Date: 28/05/2026

3 Noise assessment criteria

3.1 Rural Zone Code

All noise emissions from the proposed development must comply with the Rural Zone Code of the *South Burnett Planning Scheme 2017* (v2.0). PO1 of the Rural Zone Code is presented in Table 2.

Table 2: PO1 of the Rural Zone Code

Rural Zone Code	
PO1 Development Maintains rural amenity and character	AO1.1 Building are set back 20m from any collector or higher order road and 10m from any other road frontage and AO1.2 The use does not cause odour, noise or air emissions in excess of the prescribed limits in the *Environmental Protection (Air) Policy 2019* or the *Environmental Protection (Noise) Policy 2019*.

AO1.2 requires developments to achieve the Acoustic Quality Objectives (AQOs) provided at Schedule 1 of the EPP Noise 2019.

3.2 Environment Protection (Noise) Policy 2019

All noise emissions, from the facility, must comply with the EPP Noise 2019 AQOs in order to satisfy the acoustic requirements of the Rural Zone Code. The EPP Noise 2019 objectives are as follows:

- *Prevent adverse noise impacts upon sensitive receptors in the vicinity of the activity, and,*
- *Prevent, or minimise, background noise creep (i.e., the gradual increase in the total amount of background noise in the area)*

The AQOs, for various sensitive receptors and for different periods of the day are provided in Schedule 1 of the EPP Noise 2019. The relevant AQOs for this assessment, are provided below in Table 3.

Table 3: EPP Noise 2019 acoustic quality objectives

Sensitive Receptor	Time of Day	Acoustic Quality Objectives (measured at the receptor) dB(A)			Environmental Values
		$L_{Aeq, adj, 1hr}$	$L_{A10, adj, 1hr}$	$L_{A1, adj, 1hr}$	
Residence (for outdoors)	Daytime and evening	50	55	65	Health and wellbeing
Residence (for indoors)	Daytime and evening	35	40	45	Health and wellbeing
	Night-time	30	35	40	Health and wellbeing in relation to the ability to sleep

3.3 Sleep disturbance

The Rural Zone Code and the EPP Noise 2019 do not specifically consider criteria for the sleep disturbance. The *Planning for noise control guideline* (EPA now DES, 2004) provide guidance and stipulates a noise level of 45 dB(A) L_{Amax} indoors to achieve a good sleep over eight hours.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

4 Unattended noise measurements

An unattended noise ambient noise survey was conducted by Range Environmental Consultants between the 22nd and 29th May 2024. These measurements were undertaken in accordance with Australian Standard *AS1055:2018-Acoustic-Description and measurement of environmental noise* and the Department of Environment and Science (DES) *Noise Measurements Manual v4.01*.

4.1 Description

Unattended noise monitoring was conducted in a free-field position at 601 Williams Road (R1).

The microphone was positioned 1.5 meters above ground level. The calibration was checked on-site during setup and decommission. No drift greater than +/-0.5 dB was noted.

4.2 Noise monitoring equipment

A Larson Davis LxT sound level meter was used for the unattended survey. Weather conditions during the survey were recorded with a Davis Vantage Vue weather station.

The following instrument settings were used for the attended noise measurements:

- 'A' frequency weighting
- 'Fast; time weighting
- 15-minute sample integrated time.

4.3 Weather conditions

Overall weather conditions during the measurement period were suitable for noise monitoring, i.e. wind speed lower than 5 m/s and no rainfall greater than 0.2 mm/h.

4.4 Monitoring results

The ambient noise survey data is detailed in Table 4.

Table 4: Unattended noise levels

Time of day	L_{Amax}, dB(A)	$L_{A1,15min}$, dB(A)	$L_{A10,15min}$, dB(A)	$L_{Aeq,15min}$, dB(A)	$L_{A90,15min}$, dB(A)
Daytime 7:00 am to 6:00 pm	64	52	44	43	35
Evening 6:00 pm to 10:00 pm	47	40	33	32	27
Night-time 10:00 pm to 7:00 am	44	37	32	30	26

The dominant existing noise source in the local area surrounding the noise logger location was timber milling and woodchipping noise from the site. The site's operations during the unattended monitoring period were typical of standard operations, i.e. no abnormal operating hours, shutdowns, etc.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

5 Attended noise measurements

5.1 Saw mill source measurements

Operator attended noise measurements were conducted at the saw mill site by an experienced ViridAU acoustic consultant on the 3rd July 2025. These measurements were undertaken in accordance with Australian Standard *AS1055:2018-Acoustic-Description and measurement of environmental noise* and the Department of Environment and Science (DES) *Noise Measurements Manual v4.01*.

5.1.1 Description

Noise measurements of each plant/equipment were captured in a 30 to 60 second recording at 1 m away (or as close as safely possible) to capture a full event.

A background validation measurement was undertaken in a free-field position on the boundary of 601 Williams Road (R1). This measurement was used to validate the predicted noise levels at the nearest sensitive receptor.

The microphone was positioned 1.5 meters above ground level for each measurement. The calibration was checked on-site during setup and decommission. No drift greater than +/-0.5 dB was noted.

Measurements of the following plant/equipment were captured to represent the proposed timber milling and wood chipping operations:

- Big chipper
- Debarking (including kick off)
- Dip Tank
- Docking and shaping equipment
- Forklift
- Compact wheel loader
- Mill 1 façade breakout (north, east, south and west)
- Small chipper
- Trommel
- Semi truck
- Mill 2 façade breakout (measured on the 12th August as not operational on the 3rd July).

5.1.2 Noise monitoring equipment

The equipment used on-site is listed in Table 5.

Table 5: Noise monitoring equipment

Equipment	Make	Type	Serial Number	Calibration Date
Sound level meter (logger)	NTi Audio	XL2	A2A-25780-E1	22/05/2025
Calibrator	Svantek	SV-36	106881	18/02/2025

The following instrument settings were used for the attended noise measurements:

- ‘A’ frequency weighting
- ‘I’ frequency weighting
- ‘Fast; time weighting
- 30 to 60-second sample integrated time (measuring equipment/plant)
- 15-minute sample integrated time (prediction validation).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

5.1.3 Weather Conditions

The overall weather conditions during the measurement period were suitable, sunny and clear skies. No rain and an average windspeed of 2 m/s recorded in Taromeo on the 3rd July 2025.

5.2 Residential receptor R1 sound insulation measurements

Sound insulation testing was completed at the nearest residential receptor R1 by two experienced ViridAU acoustic consultants on the 12th August 2025. These measurements were undertaken in general accordance with *ISO 16283-3:2016 Acoustics - Field measurement of sound insulation in buildings and of building elements - Part 3: Façade sound insulation*.

5.2.1 Description

The determination of specific outdoor to indoor sound transmission losses of the identified project sensitive receptor dwellings are required to demonstrate compliance with the Residence (for indoors) AQOs.

A review of the nearest residential receptors on Williams Road and Old Esk Road conducted from the road during the site inspection on the 12th August 2025 indicated that all buildings constructions appear to be similar, i.e. timber cladding or brick veneer external layer with stud walls and plasterboard or timber panels indoors with insulation in the cavity.

Sound insulation measurements were conducted to characterise the outdoor to indoor transmission losses of the most affected room (the master bedroom) of the most affected receptor R1.

A broadband white noise source was generated in the master bedroom using a 2500W loudspeaker and noise measurements were conducted both in the emitting room (the master bedroom) and the receiving space (outdoor at 1 m from the façade under investigation). Noise measurements were conducted with the windows closed and opened to assess both situations.

5.2.2 Noise monitoring equipment

The equipment used on-site for this component is listed in Table 6.

Table 6: Noise monitoring equipment

Equipment	Make	Type	Serial Number	Calibration Date
Sound level meter (logger)	NTi Audio	XL2	A2A-25780-E1	22/05/2025
Sound level meter (logger)	NTi Audio	XL2	A2A-25781-E1	22/05/2025
Calibrator	Svantek	SV-36	106881	18/02/2025
Loudspeaker	Alto	TS415	-	-

The following instrument settings were used for the attended noise measurements:

- ‘A’ frequency weighting
- ‘Fast; time weighting
- 30 second sample integrated time.

5.2.3 Weather Conditions

The overall weather conditions during the measurement period were considered suitable, sunny and clear skies. No rain and windspeed lower than 1 m/s were recorded in Taromeo on the 12th August 2025.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

5.3 Monitoring results

5.3.1 Noise sources characterisation

All attended measurements conducted at the saw mill to characterise the sources were corrected to account for tonality adjustments and impulsive adjustments as follows. Combined adjustments for tonality and impulsive noise in total should not exceed 10 dB.

5.3.1.1 Tonality adjustments

Tonal noise is defined as having a prominent frequency and characterised by a defined pitch. A tonal characteristic can be identified objectively in accordance with the method in Australian Standard *AS1055.2018 Acoustics - Description and measurement of environmental noise*. The method involves comparing noise levels in adjacent one-third octave bands as follows:

- Confirm the A-weighted 1/3rd octave band exceeds the neighbouring bands by 5 dB
- Add 5 dB to the tonal 1/3rd octave band
- Logarithmically sum all A-weighted 1/3rd octave bands, including the adjusted band
- The arithmetic difference between the log sum determined in (3) and the original overall A-weighted level becomes the tonal correction.

5.3.1.2 Impulsive adjustments

Impulse noise can be defined as having a high peak of short duration or a sequence of such peaks (bangs, clicks, clatters, or thumps). To determine if an adjustment is necessary, both A-weighted Fast response and Impulse response are to be measured. If the difference in A-weighted maximum noise levels between Fast response and Impulse response is greater than 2 dB, then apply difference in measured levels as the correction up to a maximum of 5 dB. The impulse adjustment should then be added to the component level (LAeq or LAmax) and should not exceed 5dB.

5.3.1.3 Results

Sound power levels for equipment at the saw mill are listed in Table 7.

5.3.2 Sound insulation

The outdoor to indoor transmission losses for the most exposed facades of the most exposed habitable space of the most exposed receptor are listed in Table 8.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Table 7: Sound power levels – corrected for tonality and impulsiveness

Equipment	Sound Power Levels, Octave Band, dB(A)								L_{Aeq}, dB(A)	L_{Amax}, dB(A)	Tonal	Impulsive
	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz				
Big chipper	67	82	89	93	93	94	90	82	99	103	Y	Y
Bobcat	57	69	83	80	77	75	70	64	86	90	Y	Y
Debarking	79	89	98	102	105	104	102	97	110	113	N	Y
Debarking kick off	80	90	98	101	103	105	101	93	109	116	N	Y
Dip tank (air pumps)	66	77	85	90	97	104	109	107	112	130	N	Y
Docking	51	66	82	89	99	100	94	93	104	112	N	Y
Forklift	63	68	75	78	76	76	69	62	83	87	N	Y
Loader	82	81	83	86	88	88	80	68	93	103	N	Y
Mill one breakout - Eastern façade	69	86	96	101	104	104	102	96	109	120	N	Y
Mill one breakout - Northern façade	63	75	83	88	89	90	86	78	95	101	N	Y
Mill one breakout - Southern façade	68	79	88	91	94	94	93	85	100	108	N	Y
Mill one breakout - Western façade	64	80	89	94	96	96	93	84	101	110	N	Y
Shaper	66	76	95	91	91	90	89	87	99	104	Y	Y
Small chipper	59	90	94	103	106	109	103	92	112	115	Y	Y
Trommel	82	97	92	100	110	108	96	89	113	110	Y	Y
Truck (single semi)	64	77	73	80	86	85	80	68	90	96	Y	Y
Mill two breakout - Eastern façade	61	75	82	92	93	94	91	86	99	113	N	Y
Mill two breakout - Southern façade	66	78	87	92	94	98	95	92	102	107	N	N
Mill two breakout - Western façade	67	80	88	91	96	98	90	85	101	107	N	N

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Table 8: Outdoor to indoor transmission losses

Facade	Windows / Doors	Transmission losses, dB							
		63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
North-east façade	Closed	18	23	25	29	30	30	32	33
South-east façade		19	24	25	33	34	36	37	42
South-west façade		10	19	27	28	34	34	39	38
North-east façade	Open	14	19	18	22	19	20	21	19
South-east façade		19	19	17	21	22	22	23	21
South-west façade		14	19	19	19	21	22	22	21

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

6 Noise modelling

6.1 Noise model and propagation algorithm

The noise model was developed using SoundPLAN v8.2, an environmental noise modelling software suite from SoundPLAN GmbH. SoundPLAN facilitates the development of detailed 3D models comprising ground contours, noise sources, building footprints and heights and other factors that influence the emission and propagation of noise.

The model considered noise sources, receivers and the effect of distance, ground topography, ground absorption, atmospheric attenuation, and obstacles such as barriers and buildings. To predict noise emissions, SoundPLAN implements the international standard ISO 9613-2:1996 *Acoustics — Attenuation of sound during propagation outdoors — Part 2: General method of calculation*.

6.2 Calculation parameters and assumptions

When predicting the noise level at any given point, the study accounted for:

- The contribution of any noise sources within 1,000 m of each point.
- The contribution of any acoustic waves reflected off surfaces either:
  - Within 200 m of each point, or
  - Up to 50 m from the source.

Noise contours were interpolated from a 5 m grid. Noise levels were calculated with a tolerance of ±0.1 dB. Additionally, all noise predictions takes façade correction into account.

6.3 Terrain

A terrain model based on light detection and ranging (LiDAR) was sourced from the Intergovernmental Committee on Surveying and Mapping (ICSM). This bald earth digital elevation model (DEM) represents ground surface topography excluding vegetation features. With 1-meter contours and a resolution of 30 meters. This DEM is considered to be representative of the study area's current terrain, dated 2009.

6.4 Buildings

The location, footprint, and height of all buildings within the study area were sourced from Nearmap aerial photography dated April 2023. A manual process was used to extract and orthogonalize buildings based on roof outlines. The horizontal and vertical accuracy of these images are typically within ±1.0 m.

All buildings within the study area were imported into the SoundPLAN noise model. A review of the buildings layer against the DGM was completed to ensure that no buildings were incorrectly located within the road corridor, and to identify and correct if required, any building heights that were clearly incorrect when compared to the surrounding structures.

6.5 Ground absorption and vegetation

The site and the surroundings were digitised from aerial photography. A large area of forest around the site was modelled as acoustically absorptive (ground factor of 1). The site itself was modelled as partially absorptive (ground factor of 0.5).

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

6.6 Modelled scenario

For the purposes of this assessment, the following activities representing a typical worst-case cumulative operational scenario are considered as follows and in accordance with the *DETSI's Application requirements for activities with noise impacts* (ESR/2015/1838).

6.6.1 Daytime

These activities are predicted to happen at anytime between 7:00 am and 4:00 pm.

- Mills one and two operating continuously
- Small and big chippers operating continuously
- Docking and shaping equipment operating continuously
- Trommel equipment operating continuously
- Debarking equipment operating continuously
- Forklift, bobcat and loader operating continuously at 10 km/h
- Dip tank (air pumps) used for 6 minutes per hour
- 13 truck movements at 10 km/h.

6.6.2 Night-time

These activities are predicted to happen at anytime between 6:00 am and 7:00 am.

- 13 truck movements at 10 km/h
- 27 light vehicles movements at 10 km/h
- Forklift, bobcat and loader operating continuously at 10 km/h.

6.6.3 Model verification

The model verification scenario is as per the daytime scenario, with the following exceptions:

- No truck movements
- Mill two not operating.

6.7 Equipment

The sound power levels for the proposed equipment were measured on-site and are presented in Section 5.3.1.3. The locations of the sources are shown in Figure 3.

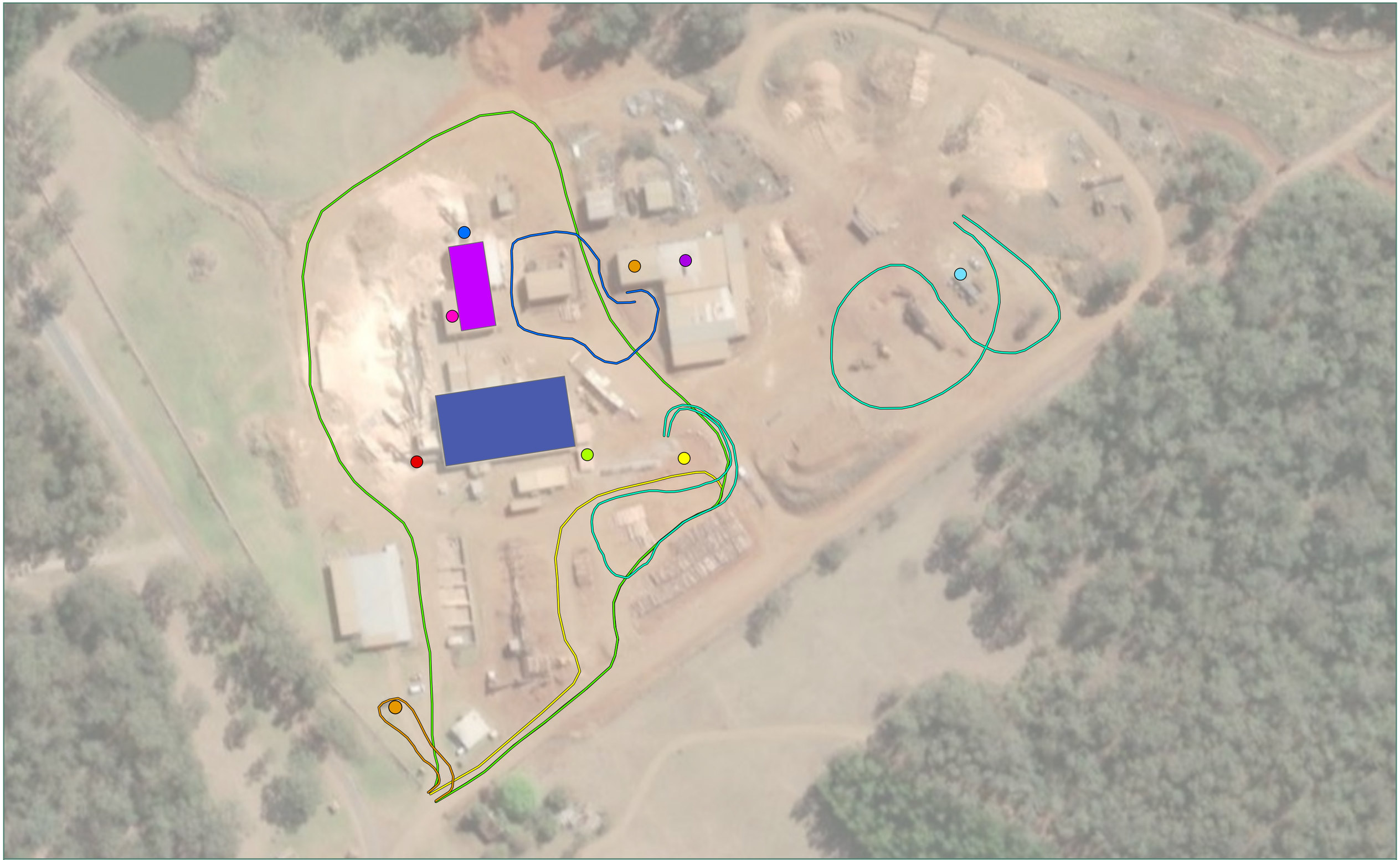
6.8 Model verification

Predicted and measured level at the attended measurement location in the driveway of receptor R1 are listed in Table 9. Predicted levels are identical to the measured levels and the model is considered suitable for purpose.

Table 9: Model verification

Location	Measured $L_{Aeq,15min}$, dB(A)	Predicted $L_{Aeq,15min}$, dB(A)	Verified
Driveway R1	51	51	Yes

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



N

0 15 30 45 60 Meters

Legend

Plant/Equipment

- Big Chipper (7am-4pm)
- Dip Tank (7am-4pm)
- Shaper (7am-4pm)
- Docking (7am-4pm)
- Trommel (7am-4pm)
- Small Chipper (7am - 4pm)
- Debarking (7am - 4pm)
- Debarking Kick-off (7am - 4pm)
- Car door slam (6am-7am)
- Sawmill One (7am - 4pm)
- Sawmill Two (7am-4pm)
- Compact Wheel Loader (6am - 4pm)
- Log Haul Route (6am - 4pm)
- Wood Chip Haul Route (6am - 4pm)
- Forklift Route (6am - 4pm)
- Light Vehicle Route (6am-7am)

V25-147 Taromeo Sawmill - Figure 3

Land parcel for development (228-229/SP136942), 238 Old Esk Rd, Taromeo QLD 4306
V25-147 Taromeo Sawmill Noise Impact Assessment
Site layout including plant/equipment measured with hours of operation
25st August 2025

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

7 Results

The predicted noise levels at the nearest residential receptors are shown in Table 10. Predicted noise levels are at 1 m from the most exposed façade, at a height of 1.8 m, and include façades reflections.

Table 10: Predicted noise levels - outdoor

Receptor	Predicted noise levels, dB(A)			Criteria
	Daytime $L_{Aeq,1hr}$	Night-time $L_{Aeq,1hr}$	Night-time L_{Amax}	
R1	50	36	38	Daytime: 50 dB(A) $L_{Aeq,1hr\ outdoor}$
R2	45	29	34	
R3	42	28	33	
R4	40	26	31	
R5	44	27	31	
R6	35	23	27	
R7	39	27	31	
R8	38	23	26	

Predicted noise levels at the most exposed façade of the nearest residential receptors are predicted to comply with the outdoor noise criterion of 50 dB(A) $L_{Aeq,1hr}$ during daytime.

The most impacted receptor is R1 and internal noise levels will be calculated for the most exposed room (i.e. the east facing master bedroom). Predicted octave band levels outdoor and indoor are detailed in Table 11. As a worst-case scenario, the outdoor transmission of the weakest façade with the window open is considered, which achieved a façade transmission loss of -17 to -19 dB.

Table 11: Façade transmission loss calculation

Predicted noise levels, dB(A)	Location	Octave band, dB(A)								Over-all, dB(A)	Loss, dB(A)
		63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz		
Daytime $L_{Aeq,1hr}$	Outdoor, 1 m from the most exposed facade	28	30	32	40	47	47	34	34	**50**	-
Night-time $L_{Aeq,1hr}$		26	20	16	23	29	27	11	11	**33**	-
Night-time L_{Amax}		31	25	21	28	35	32	16	16	**38**	-
Weakest façade, window open		14	19	18	22	19	20	21	19	-	-
Daytime $L_{Aeq,1hr}$	Indoor	14	11	14	18	28	27	13	15	**31**	**-19**
Night-time $L_{Aeq,1hr}$		12	<5	<5	<5	10	7	<5	<5	**15**	**-18**
Night-time L_{Amax}		17	6	<5	6	16	12	<5	<5	**21**	**-17**

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Predicted indoor noise levels are shown in Table 12. It is noted that levels at receptors R2 to R8 are estimated based on a visual inspection conducted from the road indicating that all buildings constructions appear to be similar to R1 (i.e. timber cladding or brick veneer external layer with stud walls and plasterboard or timber panels indoors with insulation in the cavity). A conservative 5 dB sensitivity risk factor is considered for other receptors.

Table 12: Predicted noise levels - indoor

Receptor	Predicted noise levels, dB(A)			Criteria
	Daytime $L_{Aeq,1hr}$	Night-time $L_{Aeq,1hr}$	Night-time L_{Amax}	
Transmission loss outdoor to indoor at R1	**-19**	**-18**	**-17**	
Transmission loss outdoor to indoor at R2 - R8	**-19 to -14**	**-18 to -13**	**-17 to -12**	
R1	31	15	21	Daytime: 35 dB(A) $L_{Aeq,1hr\ indoor}$ Night-time 30 dB(A) $L_{Aeq,1hr\ indoor}$ 45 dB(A) $L_{Amax\ indoor}$
R2	26 to 31	11 to 16	17 to 22	
R3	23 to 28	10 to 15	16 to 21	
R4	21 to 26	8 to 13	14 to 19	
R5	25 to 30	9 to 14	14 to 19	
R6	16 to 21	<10	10 to 15	
R7	20 to 25	9 to 14	14 to 19	
R8	19 to 24	<10	9 to 14	

Predicted noise levels indoors at the nearest residential receptors are predicted to comply with the indoor noise criteria of 35 dB(A) $L_{Aeq,1hr}$ during daytime, 30 dB(A) $L_{Aeq,1hr}$ and 45 dB(A) L_{Amax} during night-time.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

8 Recommendations

The following key noise management measures are recommended to minimise noise emissions from the operation of the site:

- All plant and equipment associated with timber milling, woodchipping and maintenance works shall be restricted to the daytime period (7:00 am to 4:00 pm). The only noise sources that shall be operational during the night-time period (6:00 am to 7:00 am) are light and heavy vehicles, 30t excavator, wheeled loader and mini loader.
- Maintain plant and equipment in accordance with the manufacturer's requirements to minimise noise emissions. When purchasing new equipment, models with low noise emissions shall be preferred where practicable.
- No unnecessary revving or idling of engines on mobile and stationary machines and shut down any equipment not in use.
- Minimise the drop height of materials when transferring as far as reasonably practicable (e.g., loading and unloading vehicles).
- Note - Ongoing noise monitoring is not required for the following reasons:
    - Sleep disturbance at nearby sensitive receptors is a low risk due to the daytime operating hours of the timber milling and woodchipping activities.
    - There is no history of noise complaints at the nearest and most sensitive receptor (Receptor 1).
    - The predicted cumulative noise levels complied with the relevant noise assessment criteria.
    - Pro-Pine shall proactively manage noise emissions as outlined above.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

9 Conclusion

ViridAU was commissioned by Pro-Pine to conduct a noise impact assessment for a Material Change of Use application to increase timber processing capacity for an existing sawmill at 256 Old Esk Road, Taromeo, QLD 4306.

The site is currently approved for up to 20,000 tpa and Pro-Pine has proposed to increase the timber processing capacity to 60,000 tpa with no changes to the existing infrastructure.

The nearest residential receptors are located between 360 and 900 m to the west and north-west of the site.

Worst-case operations for daytime and night-time were modelled in SoundPLAN. Sound power levels for all noise sources were derived from on-site noise measurements and were corrected to account for tonality and impulsiveness. The model was verified with attended measurements in the driveway of the most affected receptor.

The predicted noise levels at all residential receptors comply with the outdoor Acoustic Quality Objectives in the Environment Protection (Noise) Policy 2019.

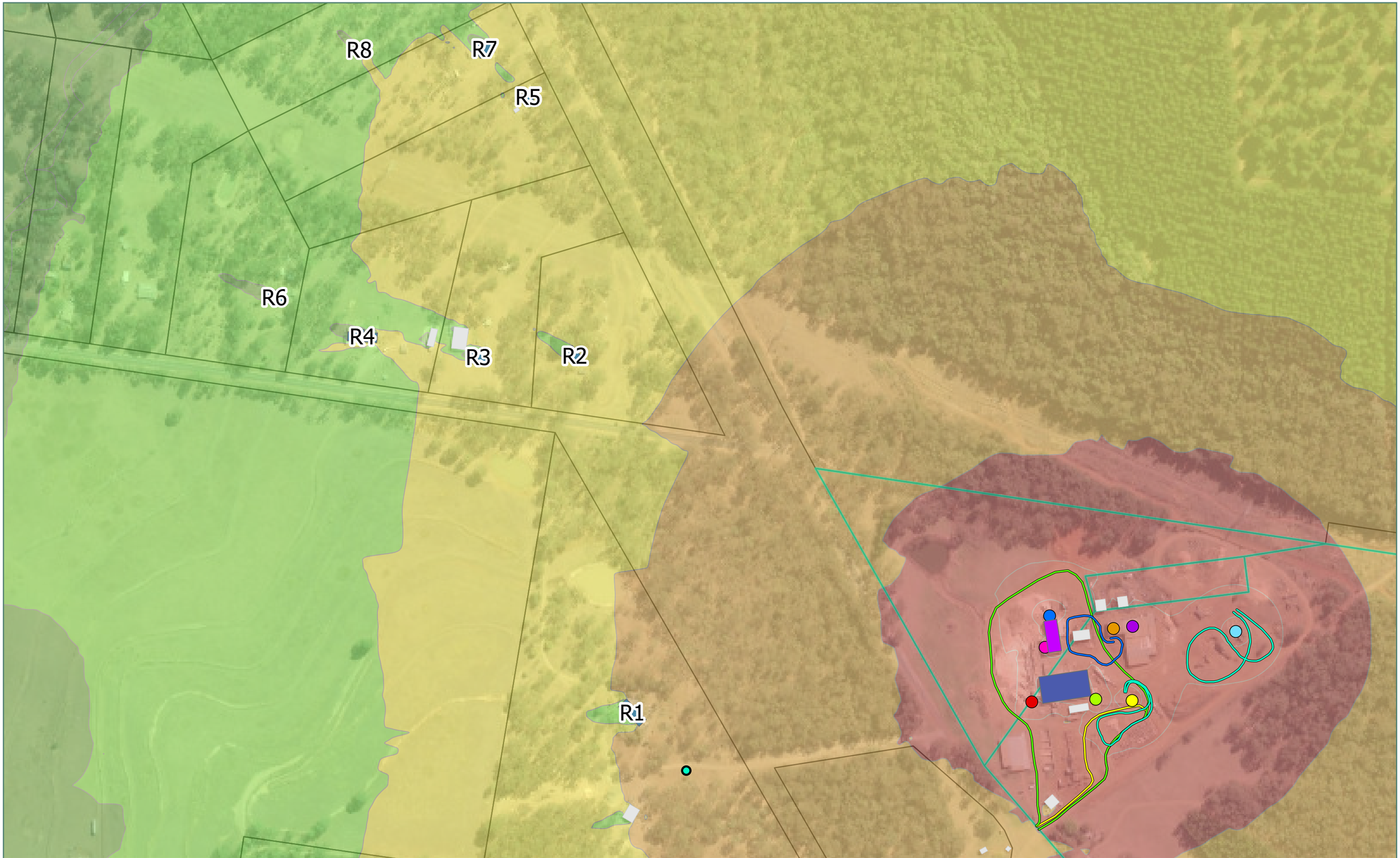
Sound insulation testing was conducted at the most exposed receptor to derive specific outdoor to indoor transmission losses with the windows open. Predicted internal noise levels calculated with the measured outdoor to indoor sound transmission losses comply with the indoor Acoustic Quality Objectives in the Environment Protection (Noise) Policy 2019 for the daytime and night-time period, and with the sleep disturbance criterion.

The proposed increase of the timber processing capacity to 60,000 tpa is predicted to achieve compliance with the relevant noise criteria.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Appendix A. Noise Contour Maps

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026



VividAU

N

0 40 80 120 160 Meters

Legend

Calculated LAeq 1 hour noise level
- Above 60 dB(A)
- 50 to 60 dB(A)
- 40 to 50 dB(A)
- 30 to 40 dB(A)
- Below 30 dB(A)

Active Plant/Equipment
- Big Chipper
- Dip Tank
- Shaper
- Docking
- Trommel
- Small Chipper
- Debarking
- Debarking Kick-off
- Sawmill One
- Sawmill Two
- Compact Wheel Loader
- Log Haul Route
- Wood Chip Haul Route
- Forklift Route

Project Information
- Subject land parcel
- DCDB
- Attended monitoring location
- Residential Receptor
- Shed or Garage

V25-147 Taromeo Sawmill, Daytime Noise Environment, LAeq - Figure 4

Land parcel for development (228-229/SP136942), 238 Old Esk Rd, Taromeo QLD 4306
V25-147 Taromeo Sawmill Noise Impact Assessment
LAeq 1 hour daytime (7am-6pm) noise contours calculated at 1.8m
21st August 2025

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

R8
R7
R5
R6
R4
R3
R2
R1

VividAU

N

0 40 80 120 160 Meters

Legend

Calculated LAeq 1 hour noise level
- Above 60 dB(A)
- 50 to 60 dB(A)
- 40 to 50 dB(A)
- 30 to 40 dB(A)
- Below 30 dB(A)

Active Plant/Equipment
- Vehicle Door Slams
- Light Vehicle Route
- Compact Wheel Loader
- Log Haul Route
- Wood Chip Haul Route

Forklift Route

Project Information
- Subject land parcel
- DCDB
- Attended monitoring location
- Residential Receptor
- Shed or Garage

V25-147 Taromeo Sawmill, Nighttime Noise Environment, LAeq - Figure 5

Land parcel for development (228-229/SP136942), 238 Old Esk Rd, Taromeo QLD 4306
V25-147 Taromeo Sawmill Noise Impact Assessment
LAeq 1 hour Nighttime (6am-7am) noise contours calculated at 1.8m
25st August 2025

Document Set ID: 3467234
Version: 2, Version Date: 28/05/2026

R8
R7
R5
R6
R4
R3
R2
R1

VividAU

N

0 40 80 120 160 Meters

Legend

Calculated LAmax noise level
- Above 60 dB(A)
- 50 to 60 dB(A)
- 40 to 50 dB(A)
- 30 to 40 dB(A)
- Below 30 dB(A)

Active Plant/Equipment
- Vehicle Door Slams
- Light Vehicle Route
- Compact Wheel Loader
- Log Haul Route
- Wood Chip Haul Route
- Forklift Route

Project Information
- Subject land parcel
- DCDB
- Attended monitoring location
- Residential Receptor
- Shed or Garage

V25-147 Taromeo Sawmill, Nighttime Noise Environment, LAmax - Figure 6

Land parcel for development (228-229/SP136942), 238 Old Esk Rd, Taromeo QLD 4306
V25-147 Taromeo Sawmill Noise Impact Assessment
LAmax Nighttime (6am-7am) noise contours calculated at 1.8m
25st August 2025

Document Set ID: 3467234
Version: 2, Version Date: 28/05/2026

Appendix B. Calibration certificates

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Manufacturer Calibration Certificate

The following instrument has been tested and calibrated to the manufacturer specifications.
The calibration is traceable in accordance with ISO/IEC 17025 covering all instrument functions.

- Device Type: **XL2 Audio and Acoustic Analyzer**
- Serial Number: **A2A-25780-E1**

- Certificate Issued: **22 May 2025**
- Certificate Number: **45799-A2A-25780-E1**

- Results: **PASSED**
  (for detailed report see next page)

Tested by: M. Frick

Signature:

Stamp:

NTi Audio AG
Im alten Riet 102
LI - 9494 Schaan
www.nti-audio.com

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Calibration of: XL2 Audio and Acoustic Analyzer
Serial Number: A2A-25780-E1
Date: 22 May 2025

- Detailed Calibration Test Results:

		reference	actual	unit	actual error	XL2 tolerance	calibration uncertainty[2]
RMS Level @ 1kHz, XLR Input		0.1	**0.100**	V	≤0.1%	±0.5%	±0.10%
		1	**0.999**	V	-0.1%	±0.5%	±0.09%
		10	**9.984**	V	-0.2%	±0.5%	±0.09%
Flatness, XLR Input[1]	20 Hz	1	**0.995**	V	-0.5%	±1.1%	±0.09%
	20 kHz	1	**1.003**	V	0.3%	±1.1%	±0.09%
Frequency		1000	**999.99**	Hz	≤0.003%	±0.003%	±0.01%
Residual Noise	XLR		**< 2 uV**			<2 uV	±0.50%
THD+N @ 0 dBu, 1 kHz, XLR Input			**-100.1**	dB		typ. -100 dB	±0.50%

- Test Conditions: Temperature: **23.6** °C
  Relative Humidity: **45** %

- Calibration Equipment Used:

- Agilent Multimeter, Typ 34401A, Serial No. MY 5300 4607
  Last calibration: 01.10.2024, Next calibration: 01.10.2025
  Calibrated by ELCAL to the national standards maintained
  at Swiss Federal Office of Metrology. SCS 0002

- FX100 Audio Analyzer, Serial No. 10408
  Last Calibration: 11.10.2024, Next Calibration: 11.10.2025
  Manufacturer calibration based on Agilent 34410, Serial No. MY47014254,
  Last Calibration: 04.06.2024, Next Calibration: 04.06.2025
  which is calibrated by ELCAL to national standards maintained
  at Swiss Federal Office of Metrology. SCS 002

[1] The specified tolerance +/-0.1 dB @ 1V = +/- 1.1%

[2] The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with the regulations of the GUM.

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Manufacturer Calibration Certificate

The following instrument has been tested and calibrated to the manufacturer specifications.
The calibration is traceable in accordance with ISO/IEC 17025 covering all instrument functions.

- Device Type: **XL2 Audio and Acoustic Analyzer**
- Serial Number: **A2A-25781-E1**

- Certificate Issued: **22 May 2025**
- Certificate Number: **45799-A2A-25781-E1**

- Results: **PASSED**
  (for detailed report see next page)

Tested by: M. Frick

Signature:

Stamp:

NTi Audio AG
Im alten Riet 102
LI - 9494 Schaan
www.nti-audio.com

Document Set ID: 3467234
Version: 3, Version Date: 28/05/2026

Calibration of: XL2 Audio and Acoustic Analyzer
Serial Number: A2A-25781-E1
Date: 22 May 2025

- Detailed Calibration Test Results:

		reference	actual	unit	actual error	XL2 tolerance	calibration uncertainty[2]
RMS Level @ 1kHz, XLR Input		0.1	**0.100**	V	≤0.1%	±0.5%	±0.10%
		1	**0.998**	V	-0.2%	±0.5%	±0.09%
		10	**9.970**	V	-0.3%	±0.5%	±0.09%
Flatness, XLR Input[1]	20 Hz	1	**0.994**	V	-0.6%	±1.1%	±0.09%
	20 kHz	1	**1.002**	V	0.2%	±1.1%	±0.09%
Frequency		1000	**1000.00**	Hz	≤0.003%	±0.003%	±0.01%
Residual Noise	XLR		**< 2 uV**			<2 uV	±0.50%
THD+N @ 0 dBu, 1 kHz, XLR Input			**-100.5**	dB		typ. -100 dB	±0.50%

- Test Conditions: Temperature: **23.6** °C
  Relative Humidity: **44.8** %

- Calibration Equipment Used:

- Agilent Multimeter, Typ 34401A, Serial No. MY 5300 4607
  Last calibration: 01.10.2024, Next calibration: 01.10.2025
  Calibrated by ELCAL to the national standards maintained
  at Swiss Federal Office of Metrology. SCS 0002

- FX100 Audio Analyzer, Serial No. 10408
  Last Calibration: 11.10.2024, Next Calibration: 11.10.2025
  Manufacturer calibration based on Agilent 34410, Serial No. MY47014254,
  Last Calibration: 04.06.2024, Next Calibration: 04.06.2025
  which is calibrated by ELCAL to national standards maintained
  at Swiss Federal Office of Metrology. SCS 002

[1] The specified tolerance +/-0.1 dB @ 1V = +/- 1.1%

[2] The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with the regulations of the GUM.