

**Environmental Protection Act 1994****Environmental Authority P-EA-101041374**

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

**Environmental authority number: P-EA-101041374**

**Environmental authority takes effect on** the date that your related development approval **Council reference: CA 2025\_5841/1 (1328479)** 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
Douglas Shire Council	64-66 Front Street Mossman QLD 4873

**Environmentally relevant activity and location details**

Environmentally relevant activity/activities	Location(s)
ERA 16 - Extraction and Screening 1(a) - Dredging, in a year, the following quantity of material 1,000t to 10,000t	Cape Tribulation Road, Daintree QLD 4873 Daintree River, over State coastal land, and adjacent to Lot 8 on SP357923.

**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 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 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](http://www.qld.gov.au), using the search term 'duty to notify'.

## Take effect

Please note that, in accordance with section 200(1) 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, in accordance with section 200(2) of the EP Act, the day that the EA takes effect may not be before:

- (a) if the authority is for a resource activity—the day the relevant tenure is granted to the applicant; or
- (b) if a development permit for a material change of use of premises under the *Planning Act 2016* is necessary for carrying out an activity that related to the authority—the day the development permit takes effect; or
- (c) if an SDA Approval under the *State Development and Public Works Organisation Act 1971* is necessary for carrying out an activity that relates to the authority—the day the approval takes 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 EA 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 authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid EA.

*Amanda Gray*

Signature

28/4/2026

Date

Amanda Gray

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

**Enquiries:**

Industry and Development Business  
Centre  
GPO Box 2454, Brisbane QLD 4001  
Phone: 1300 130 372  
Email: [palm@detsi.qld.gov.au](mailto:palm@detsi.qld.gov.au)

## Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this EA, 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 restore the environment (section 319C)
- 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 EP Act. 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 or 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 Australian Government Department of Climate Change, Energy, the Environment and Water's website at [www.dcceew.gov.au/environment/epbc/advice](http://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, visit Resources Safety and Health Queensland's website at [www.rshq.qld.gov.au](http://www.rshq.qld.gov.au), or call 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 EA are separate, and in addition to, any conditions that may be on the development approval. If a copy of this EA 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 EA 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, [www.dwatsipm.qld.gov.au](http://www.dwatsipm.qld.gov.au).

## Conditions of environmental authority

Agency interest: General					
Condition number	Condition				
G1.0	This environmental authority authorises the <b>activities</b> listed in <i>Table 1 – Authorised activities</i> to the extent that they are carried out in accordance with the <b>activity</b> 's corresponding maximum disturbance size, maximum scale, location .				
	<b>Table 1 – Authorised activities</b>				
	<b>Activity</b>	<b>Max. disturbance size</b>	<b>Max. depth</b>	<b>Max. scale</b>	<b>Location</b>
	ERA 16(1)(a) <b>Dredging</b> , in a year, 1,000t to 10,000t	10,360m <sup>2</sup>	-1.02m RL (LAT)	10,000 tonnes in a year	<b>Dredge footprint</b> (in green) on Proposed Dredge Area Plan prepared by RPS AAP Consulting Pty Ltd, dated 044/06/2025, reference AU17394-100 and revision N/A.
	ERA 16(1)(a) <b>Dredging</b> , in a year, 1,000t to 10,000t – Spoil disposal location	n/a	n/a	10,000 tonnes in a year	Disposal location (adjacent to Lot 8 on SP357923) on General Arrangement – Sheet 1 / 4 prepared by Hansen Engineering Group, dated 18/12/2025, reference 25019-HEG-C04-GA-01 and revision C (as amended in red by the applicant); and on Detail & Contour Survey – Approaches to Daintree River Ferry Sheet 1 of 11 prepared by RPS Australia East Pty Ltd, dated 25/05/2021, reference PR149353-2 and revision N/A (as amended in red by the department).
G1.1	Dredged material must only be lawfully disposed of:  a) In accordance with section 3.4 <i>Stockpile / Re-handling</i> , Dredge Management Plan prepared by Kellogg Brown & Root Pty Ltd dated 07/12/2018, reference BEJ758-TD-MN-REP-0001, revision A; and b) For beneficial reuse as beach nourishment				
G2.0	All reasonably practicable measures must be taken to prevent or minimise environmental harm caused, or likely to be caused, by the activities.				

G3.0	<p>Unless specifically authorised by a condition of this environmental authority, this environmental authority does not authorise a <b>relevant act</b> which is:</p> <ul style="list-style-type: none"> <li>a) an act that causes serious or material environmental harm or an environmental nuisance; or</li> <li>b) an act that contravenes a noise standard; or</li> <li>c) a deposit of a contaminant, or release of stormwater run-off, mentioned in section 440ZG of the <i>Environmental Protection Act 1994</i>.</li> </ul>
G4.0	<p><b>Contravention of conditions</b></p> <p>Unless specifically authorised by a condition of this environmental authority, details of any contravention of a condition of this environmental authority must:</p> <ul style="list-style-type: none"> <li>a) be reported to the administering authority within 24 hours of becoming aware of the contravention; and</li> <li>b) include the nature and circumstances of the contravention and any immediate actions taken.</li> </ul>
G4.1	<p>As soon as reasonably practicable but no later than 20 business days of a report made under condition G4.0 (or a longer period agreed to in writing by the administering authority), an investigation must be undertaken to determine:</p> <ul style="list-style-type: none"> <li>a) the potential circumstances and actions that may have contributed to the contravention; and</li> <li>b) reasonably practicable measures that will be implemented to address the cause of the contravention to prevent future contraventions of this nature.</li> </ul>
G4.2	<p>As soon as reasonably practicable but no later than 20 business days of investigating a contravention under condition G4.1 (or a longer period agreed to in writing by the administering authority), the reasonably practicable measures identified in the investigation must be implemented.</p>
G4.3	<p>The outcome of the investigation carried out under condition G4.1 and the reasonably practicable measures implemented under condition G4.2 must be recorded.</p>
G5.0	<p><b>Complaints</b></p> <p>The following details must be recorded for all complaints received and provided to the administering authority upon request:</p> <ul style="list-style-type: none"> <li>a) date and time the complaint was received; and</li> <li>b) if authorised by the person making the complaint, their name and contact details; and</li> <li>c) nature and details of the complaint.</li> </ul>
G5.1	<p>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:</p> <ul style="list-style-type: none"> <li>a) the potential circumstances and actions on site that may have contributed to the basis of the complaint; and</li> <li>b) reasonably practicable measures that will be implemented to address the complaint.</li> </ul>
G5.2	<p>As soon as reasonably practicable but no later than 5 business days of investigating a complaint under condition G5.1 (or a longer period agreed to in writing by the administering authority), the reasonably practicable measures identified in the investigation must be implemented.</p>
G5.3	<p>The outcome of the investigation carried out under condition G5.1 and the reasonably practicable measures implemented under condition G5.2 must be recorded.</p>

G6.0	<p><b>Environmental risk management procedures</b> Written procedures must be developed and implemented by an <b>appropriately qualified person</b> that ensure:</p> <ul style="list-style-type: none"> <li>a) all potential risks to the environment from the carrying out of the <b>activity</b> are identified and assessed, including: <ul style="list-style-type: none"> <li>i) during routine operations; and</li> <li>ii) outside routine operations (e.g., maintenance, start up and shut down); and</li> <li>iii) during preparation, rehabilitation, and closure; and</li> <li>iv) in an emergency (e.g., fire, flood or other natural disaster); and</li> </ul> </li> <li>b) for each potential risk identified, any necessary measures to prevent or minimise the potential for environmental harm are implemented; and</li> <li>c) staff understand their obligations under this environmental authority and the <i>Environmental Protection Act 1994</i>; and</li> <li>d) environmental risk management procedures are continually reviewed and improved, based on a reasonable risk-management approach.</li> </ul>						
G7.0	<p><b>Plant and equipment</b></p> <p>An <b>appropriately qualified person</b> must install, operate, calibrate, and maintain the plant and equipment required to carry out the <b>activity</b> (including measuring and monitoring devices) in a proper and effective manner.</p>						
G7.1	<p><b>Records</b> of installation, calibration and maintenance carried out under condition G7.0 must be kept.</p>						
G8.0	<p><b>Record keeping</b></p> <p>Unless otherwise specified by a condition of this environmental authority, <b>records</b> must be:</p> <ul style="list-style-type: none"> <li>a) kept for the period outlined in <i>Table 2 – Record keeping requirements</i>; and</li> <li>b) provided to the <b>administering authority</b> upon request and in the format requested.</li> </ul> <p><b>Table 2 – Record keeping requirements</b></p> <table border="1" data-bbox="263 1198 869 1332"> <thead> <tr> <th>Description of records</th> <th>Retention requirement</th> </tr> </thead> <tbody> <tr> <td><b>Monitoring results</b></td> <td>Retain for 15 years</td> </tr> <tr> <td>All other <b>records</b></td> <td>Retain for 5 years</td> </tr> </tbody> </table>	Description of records	Retention requirement	<b>Monitoring results</b>	Retain for 15 years	All other <b>records</b>	Retain for 5 years
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G9.0	<p><b>Chemical storage</b></p> <p>Chemicals and fuels in containers of greater than 15 litres must be stored within a <b>secondary containment system</b>.</p>						
G10.0	<p><b>Monitoring and sampling</b></p> <p>All monitoring and sampling required by the conditions of this environmental authority must be carried out, interpreted, and recorded by an <b>appropriately qualified person</b>.</p>						
G10.1	<p>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 (<b>NATA</b>) accreditation for such analyses.</p> <p>The only exception to this condition is for <i>in situ</i> monitoring of dissolved oxygen, turbidity, pH, temperature, and secchi.</p>						
G11.0	<p>At least 10 business days prior to commencing a <b>dredge operation</b>, written notification must be provided to the <b>administering authority</b> of the following:</p> <ul style="list-style-type: none"> <li>a) Commencement date of the <b>dredge operation</b>; and</li> <li>b) Footprint of the area subject to the <b>dredge operation</b>; and</li> </ul>						

	<p>c) Quantity of material (in tonnes) subject to the <b>dredge operation</b>; and</p> <p>d) Expected end date of the <b>dredge operation</b>.</p>
<b>G12.0</b>	<p><b>Sampling and Analysis Plan (SAP)</b></p> <p>The characterisation of sediments and suitability of <b>dredged material</b> for beneficial reuse as beach nourishment must be:</p> <p>a) be determined no more than five years before (or a longer period agreed to in writing by the <b>administering authority</b>), and</p> <p>b) be prepared by an <b>appropriately qualified person(s)</b>; and</p> <p>c) be in accordance with the methodologies provided in the latest editions of the:</p> <ol style="list-style-type: none"> <li>i. National Assessment Guidelines for Dredging 2009, and/or</li> <li>ii. National Environment Protection (Assessment of Site Contamination) Amendment Measure 1999, and</li> <li>iii. Queensland Acid Sulfate Soil Technical Manual version 5.1; and</li> </ol> <p>d) be submitted to the <b>administering authority</b> for comment prior to commencing the sampling program.</p>
<b>G13.0</b>	<p>A <b>Dredge Operation</b> Completion Report must be prepared at the conclusion of the <b>dredge operation</b> and:</p> <p>a) be provided to the <b>administering authority</b> upon request; and</p> <p>b) include:</p> <ol style="list-style-type: none"> <li>a. the results, including all raw data, from any monitoring conducted during the carrying out of the <b>dredge operation</b>; and</li> <li>b. a description of actions taken to minimise any environmental risk identified during the dredge operation, including but not limited to actions taken as a result of risks identified from monitoring and environmental complaints; and</li> <li>c. the tonnage of dredged material removed, and methodology used to calculate tonnage.</li> </ol>
<b>Agency interest: Air</b>	
<b>Condition number</b>	<b>Condition</b>
<b>A1.0</b>	Other than as permitted within this environmental authority, odours or airborne contaminants must not cause environmental nuisance to any <b>sensitive place</b> or <b>commercial place</b> .
<b>Agency interest: Land</b>	
<b>Condition number</b>	<b>Condition</b>
<b>L1.0</b>	Treatment and management of acid sulfate soils must comply with the latest edition of the <i>Queensland Acid Sulfate Soil Technical Manual</i>
<b>L2.0</b>	<b>Placement</b> of <b>dredged material</b> must occur in a way that creates a safe, stable, non-polluting landform.
<b>Agency interest: Waste</b>	

Condition number	Condition												
W1.0	All waste generated in carrying out the <b>activity</b> must be reused, recycled or removed to a facility that can lawfully accept the waste.												
<b>Agency interest: Acoustic</b>													
Condition number	Condition												
DG1.0	Noise generated by the <b>activity</b> must not cause environmental nuisance to any <b>sensitive place</b> or <b>commercial place</b> .												
<b>Agency interest: Water</b>													
Condition number	Condition												
WT1.0	A <b>sediment plume</b> monitoring program must: <ol style="list-style-type: none"> <li>be developed and implemented by an <b>appropriately qualified person(s)</b>; and</li> <li>include management actions to ensure the requirements of Condition WT2.0 will be met.</li> </ol>												
WT2.0	<p><b>Water quality monitoring</b>                      Water quality monitoring must occur during the <b>activity</b>. Water quality monitoring must be in accordance with <i>Table 3 – Water quality release limits</i>.</p> <p><b>Table 3 – water quality monitoring</b></p> <table border="1"> <thead> <tr> <th>Monitoring Points</th> <th>Quality Characteristics</th> <th>Type</th> <th>Minimum monitoring frequency</th> </tr> </thead> <tbody> <tr> <td>Background site (B) 500 meters up current of <b>dredging</b> site in Daintree River</td> <td>Dissolved Oxygen Turbidity pH Temperature Secchi</td> <td>% saturation NTU pH °C M</td> <td>Minimum twice daily, mid-flood tide and mid-ebb tide during dredging</td> </tr> <tr> <td>Impacted Site (1) 500 metres down current of <b>dredging</b> site in Daintree River.</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p><b>Associated monitoring requirements</b></p> <ol style="list-style-type: none"> <li>Monitoring must be in accordance with the methods prescribed in the current edition of the Department of Environment, Science and Innovation <i>Monitoring and Sampling Manual</i>.</li> <li>Water and sediment samples must be representative of the general condition of the water body or sediments.</li> <li>All determinations must employ analytical practical quantification limits of sufficient sensitivity to enable comparisons to be made against water quality objectives/triggers/limits relevant to the particular water or sediment quality characteristic.</li> <li>All monitoring devices must be calibrated and maintained according to the manufacturer's instruction manual.</li> </ol>	Monitoring Points	Quality Characteristics	Type	Minimum monitoring frequency	Background site (B) 500 meters up current of <b>dredging</b> site in Daintree River	Dissolved Oxygen Turbidity pH Temperature Secchi	% saturation NTU pH °C M	Minimum twice daily, mid-flood tide and mid-ebb tide during dredging	Impacted Site (1) 500 metres down current of <b>dredging</b> site in Daintree River.			
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<b>Agency interest: Dewatering</b>													
Condition number	Condition												
DW1.0	Contaminants must not be released during transfer from the site of <b>dredging</b> to the <b>placement</b> site.												

<p><b>DW2.0</b></p>	<p><b>Point source releases</b>                  Contaminants generated by the dewatering or treatment of <b>dredged material</b> must not be released to <b>waters</b> unless the contaminants being released:</p> <p>a) are only released from the release points specified in <i>Table 4 – Contaminant release points and release limits to water</i> and as depicted in the material dewatering; and                  b) comply with the release limits (limit and type) for each quality characteristic specified in <i>Table 4 – Contaminant release points and release limits to water</i>; and                  c) are monitored at the minimum monitoring frequency for each quality characteristic specified in <i>Table 4 – Contaminant release points and release limits to water</i>; and                  d) are monitored at the following monitoring locations:</p> <ul style="list-style-type: none"> <li>• The release points identified in <i>Table 4 – Contaminant release points and release limits to water</i>; and</li> <li>• The release point monitoring locations identified in <i>Table 4 – Contaminant release points and release limits to water</i></li> </ul> <p><b>Table 4 – Contaminant release points and release limits to water</b></p> <table border="1" data-bbox="263 772 1428 1460"> <thead> <tr> <th rowspan="3">Release Points</th> <th rowspan="3">Monitoring Points</th> <th rowspan="3">Quality characteristic</th> <th colspan="2">Release limit</th> <th rowspan="3">Minimum monitoring frequency</th> </tr> <tr> <th>Limit</th> <th rowspan="2">Type</th> </tr> <tr> <th>Baseflow Conditions</th> </tr> </thead> <tbody> <tr> <td rowspan="4">Discharge point from banded stockpile area as shown on plan Detail &amp; Contour Survey – Approaches to Daintree River Ferry Sheet 1 of 11 prepared by RPS Australia East Pty Ltd, dated 25/05/2021, reference PR149353-2 and revision N/A (as amended in red by the department).</td> <td rowspan="3">100m upstream of release point</td> <td>Turbidity</td> <td>&lt;10</td> <td>NTU</td> <td rowspan="5">Minimum once daily when dewatering is occurring.</td> </tr> <tr> <td>Total Suspended Solids</td> <td>Nd (no (or insufficient) data)</td> <td>mg/L</td> </tr> <tr> <td>pH</td> <td>6.5-8.4</td> <td>pH</td> </tr> <tr> <td rowspan="2">100m downstream point</td> <td>Dissolved Oxygen</td> <td>80-105</td> <td>% Saturation</td> </tr> <tr> <td>Secchi</td> <td>&gt;1</td> <td>m</td> </tr> </tbody> </table> <p><b>Associated monitoring requirements</b></p> <ol style="list-style-type: none"> <li>1. Monitoring must be in accordance with the methods prescribed in the current edition of the Department of Environment, Science and Innovation <i>Monitoring and Sampling Manual</i>.</li> <li>2. Water and sediment samples must be representative of the general condition of the water body or sediments.</li> <li>3. All determinations must employ analytical practical quantification limits of sufficient sensitivity to enable comparisons to be made against water quality objectives/triggers/limits relevant to the particular water or sediment quality characteristic.</li> <li>4. All monitoring devices must be calibrated and maintained according to the manufacturer's instruction manual.</li> </ol>	Release Points	Monitoring Points	Quality characteristic	Release limit		Minimum monitoring frequency	Limit	Type	Baseflow Conditions	Discharge point from banded stockpile area as shown on plan Detail & Contour Survey – Approaches to Daintree River Ferry Sheet 1 of 11 prepared by RPS Australia East Pty Ltd, dated 25/05/2021, reference PR149353-2 and revision N/A (as amended in red by the department).	100m upstream of release point	Turbidity	<10	NTU	Minimum once daily when dewatering is occurring.	Total Suspended Solids	Nd (no (or insufficient) data)	mg/L	pH	6.5-8.4	pH	100m downstream point	Dissolved Oxygen	80-105	% Saturation	Secchi	>1	m
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<p><b>DW2.1</b></p>	<p>Releases to <b>surface waters</b> must not cause:</p> <p>a) erosion of the <b>bed</b> and banks of the receiving waters; and/or                  b) disturbance to vegetation; and/or                  c) a build-up of sediment.</p>																												
<p><b>DW2.2</b></p>	<p>Releases to <b>waters</b> must not produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other visually objectionable matter.</p>																												

<b>DW3.0</b>	<p><b>Stormwater</b></p> <p>Stormwater must be managed to:</p> <p>a) prevent stormwater from being contaminated by the <b>activity</b>; or</p> <p>b) direct stormwater that is contaminated by the <b>activity</b> to stormwater treatment and retention measures.</p>
DW3.1	<p>Stormwater treatment and retention measures must have capacity to retain stormwater runoff from <b>disturbed areas</b> generated by a rainfall event up to and including a 24-hour rainfall event with an <b>Annual Exceedance Probability (AEP)</b> of 10%.</p>
DW3.2	<p>Stormwater contaminated by the <b>activity</b> may only be released to <b>waters</b> in accordance with DW2.0.</p>
<b>DW4.0</b>	<p>Contaminants must not be released to <b>groundwater</b> or at a location where they are likely to release to <b>groundwater</b>.</p>

## 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.

**Activity** means the environmentally relevant activities to which the environmental authority relates.

**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 or experience relevant to the EA requirements and can give authoritative assessment, advice and analysis in relation to the EA requirements using the relevant protocols, standards, methods or literature

**Bed** of any waters includes an area covered, permanently or intermittently by tidal or non-tidal waters. It does not include land adjoining or adjacent to the bed that is from time to time covered by floodwater.

**Commercial place** means a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

**Disturbed areas** includes areas:

- a) that are susceptible to erosion; and/or
- b) that are contaminated; and/or
- c) upon which stockpiles of soil or other materials are located.

**Dredge footprint** is the area being dredged and includes its surrounding batters.

**Dredge operation** means a single instance of the **activity** being conducted. A single **dredge operation** is completed when either:

1. material has been removed from the dredged basin and the **placement** of the material has been completed; or
2. a period of 1 month following the proposed **dredge operation** end date has passed.

**Dredged material** means mud, sand, coral, shingle, gravel, clay, earth and other material removed by **dredging**. **Dredged material** includes dredge spoil and extracted quarry material.

**Dredging** means the mechanical removal of material from the **bed** of **naturally occurring surface waters**. It excludes minor adjustments to the **bed** surface to level troughs and peaks and where **bed** material is only redistributed locally (bed levelling).

**Groundwater** means water that occurs naturally in, or is introduced artificially into, an aquifer.

**Land** , for the purposes of these conditions, does not include:

- a) the airspace above land; or
- b) land that is, or is at any time, covered by **waters**; or
- c) **waters**.

**Monitoring results** includes analysis results (laboratory and in situ) and monitoring reports.

**Naturally occurring surface waters** includes artificial waterways that are directly connected to naturally occurring **surface waters**, for example, a canal connected to naturally occurring **surface waters**.

**Placement** means the deposition of the material removed from the dredge basin and includes any works undertaken for dewatering and treatment of the material.

**Records** include any written procedures, plans, **monitoring results**, and monitoring programs required under a condition of this environmental authority.

**Relevant act** as defined in section 493A of the EP Act.

**Secondary containment system** means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system.

**Sensitive place** includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:

1. a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
2. a motel, hotel or hostel; or
3. a kindergarten, school, university or other educational institution; or
4. a medical centre or hospital; or
5. a protected area under the Nature Conservation Act 1992, the Marine Parks Act 2004 or a World Heritage Area; or
6. a public park or garden; or
7. for noise, a place defined as a **sensitive receptor** for the purposes of the Environmental Protection (Noise) Policy 2019.

**Sediment plume** means a plume of sediment created from the mobilisation of **bed** sediments necessarily disturbed by the **dredging activity**. It also includes any plume created as a result of authorised **placement** of material in **waters**.

**Sensitive receptor** includes biological **sensitive receptors** together with other environmental values that may be negatively impacted by the **activity**.

**Surface water** means water other than **groundwater**.

**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.

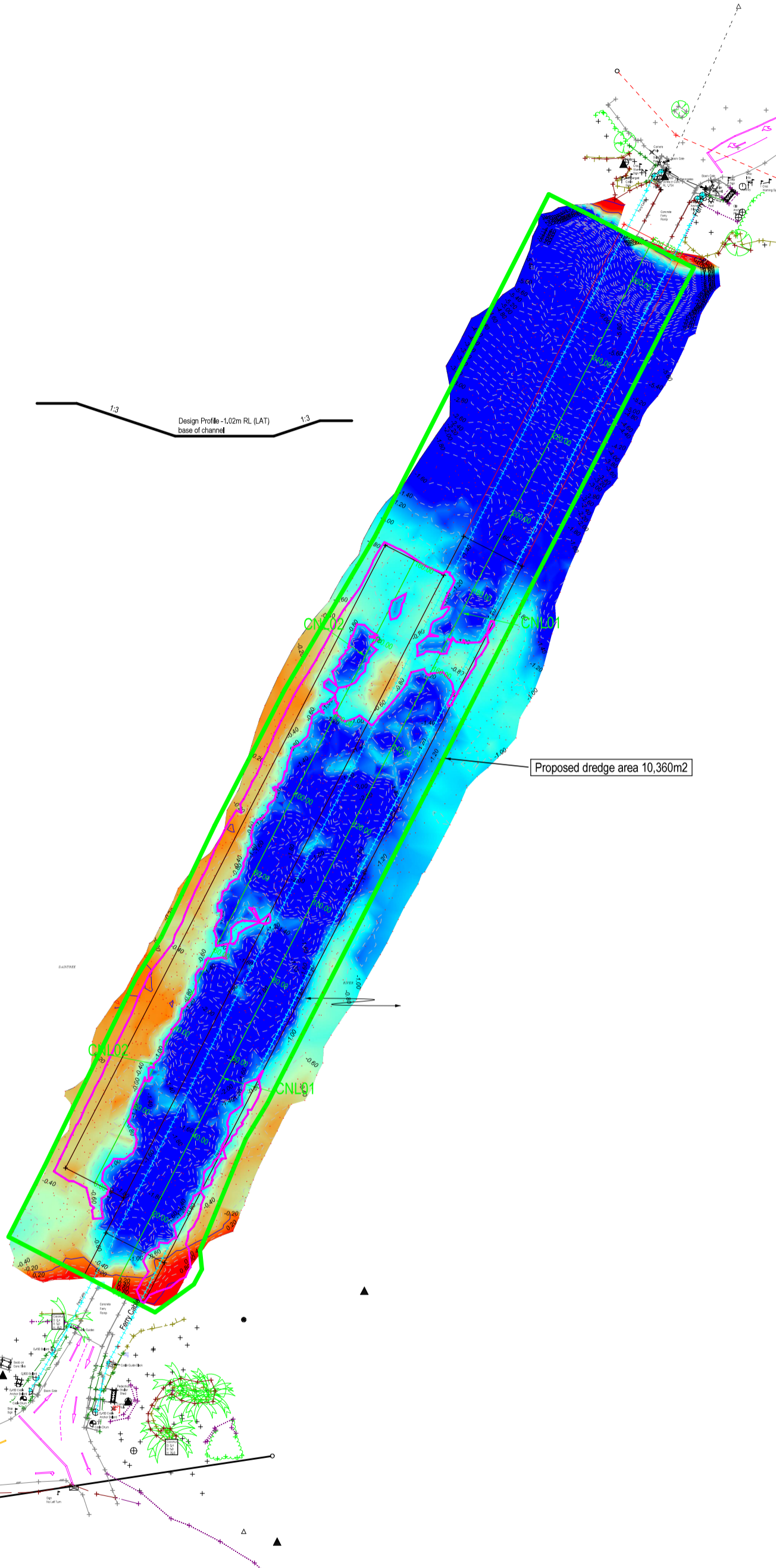
**Appendices:**

1. Proposed Dredge Area Plan prepared by RPS AAP Consulting Pty Ltd, dated 044/06/2025, reference AU17394-100 and revision N/A.
2. General Arrangement – Sheet 1 / 4 prepared by Hansen Engineering Group, dated 18/12/2025, reference 25019-HEG-C04-GA-01 and revision C (as amended in red by the applicant).
3. Detail & Contour Survey – Approaches to Daintree River Ferry Sheet 1 of 11 prepared by RPS Australia East Pty Ltd, dated 25/05/2021, reference PR149353-2 and revision N/A (as amended in red by the department).

**END OF ENVIRONMENTAL AUTHORITY**

**IMPORTANT NOTE**

1. This plan was prepared for the sole purposes of the client for the specific purpose of producing a detail plan. This plan is strictly limited to the purpose and does not apply directly or indirectly and will not be used for any other application, purpose, use or matter. The plan is presented without the assumption of a duty of care to any other person (other than the Client) ("Third Party") and may not be relied on by Third Party.
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  - B. RPS AAP Consulting Pty Ltd relying on information provided to it by the Client or a Third Party where the information is incorrect, incomplete, inaccurate, out-of-date or unreasonable;
  - C. any inaccuracies or other faults with information or data sourced from a Third Party;
  - D. RPS AAP Consulting Pty Ltd relying on surface indicators that are incorrect or inaccurate;
  - E. the Client or any Third Party not verifying information in this plan where recommended by RPS AAP Consulting Pty Ltd;
  - F. lodgement of this plan with any local authority against the recommendation of RPS AAP Consulting Pty Ltd;
  - G. the accuracy, reliability, suitability or completeness of any approximations or estimates made or referred to by RPS AAP Consulting Pty Ltd in this plan.
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4. Scale shown is correct for the original plan and any copies of this plan should be verified by checking against the bar scale.
5. The title boundaries as shown hereon were not marked at the time of survey and have been determined by plan dimensions only and not by field survey.
6. Underground services have not been plotted or have been plotted from records and are approximate only. Prior to any demolition, excavation or construction on the site, the relevant authority should be contacted for possible location of further underground services and detailed locations of all services.

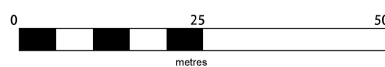


Proposed dredge area 10,360m2



**NOTES**

Level Datum: LAT Vide RPS plan AU05051-16  
 Origin of Levels: PM123249  
 Origin of Coordinates: GDA2020  
 Meridian: MGA Zone 55  
 Field/Level Book:



SCALE 1:500 IS APPLICABLE ONLY TO THE ORIGINAL SHEET SIZE (A1), (1:1000 @ A3)

Contour Interval: 0.2m  
 Index: 1.0m

AMENDMENTS	
TEXT	
CHECKED	
DRAFTING CHECKED	

PROJECT MANAGER	
PC OCK	
SURVEYED	
AD 14/4/25	
DRAWN	
DGP	
CAD REF	
AU017394-100.mjp	
SHEET 1 OF SHEETS 1	
SHEET SIZE	A1

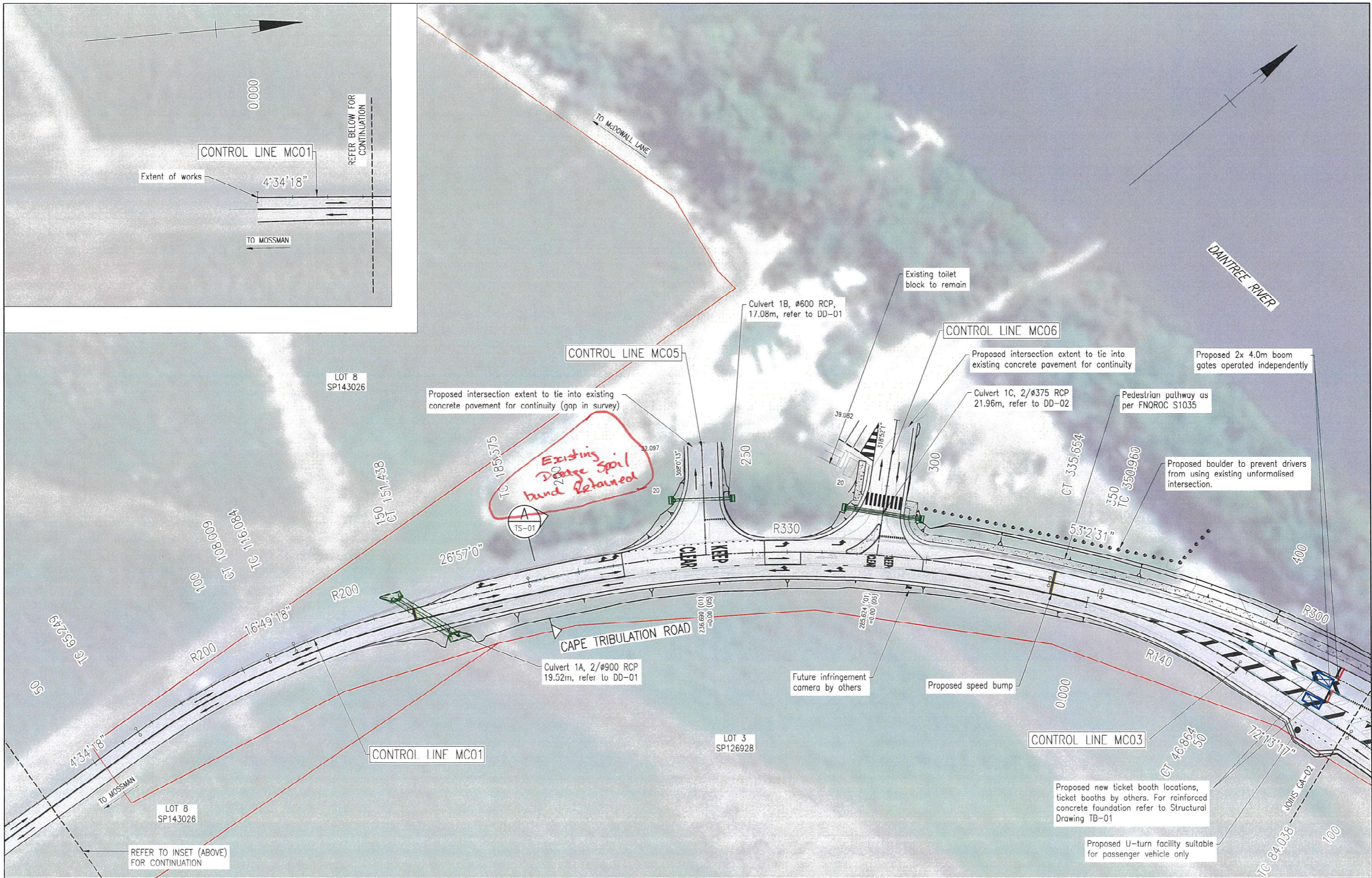
**Douglas Shire Council**

**Proposed Dredge Area  
 Daintree River Ferry Crossing  
 Daintree River  
 Cape Tribulation Road**

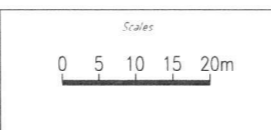


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SCALE	DATE	DRAWING NO.	ISSUE
1:500	4/6/25	AU17394-100	



Rev	Description	By	Appd	Date
C	100% Submission	PS	ES	10/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025



Client	DURACK CIVIL
Project	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title	GENERAL ARRANGEMENT - SHEET 1 / 4



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NI
Approved	ES
RPEQ No	

<b>DETAILED DESIGN</b>	
Job Number	25019
Drawing Number	25019-HEG-C04-GA-01
Revision	C



Level Datum: AHD  
 Origin of Levels: PM123249  
 Origin of Coordinates: GDA 2020: PM123249  
 RL: 2.083  
 Meridian: MGA zone 55 wide GNSS  
 Observations  
 E: 328297.053  
 N: 8201349.173  
 Contour Interval: 0.2m  
 Index: 1.0m

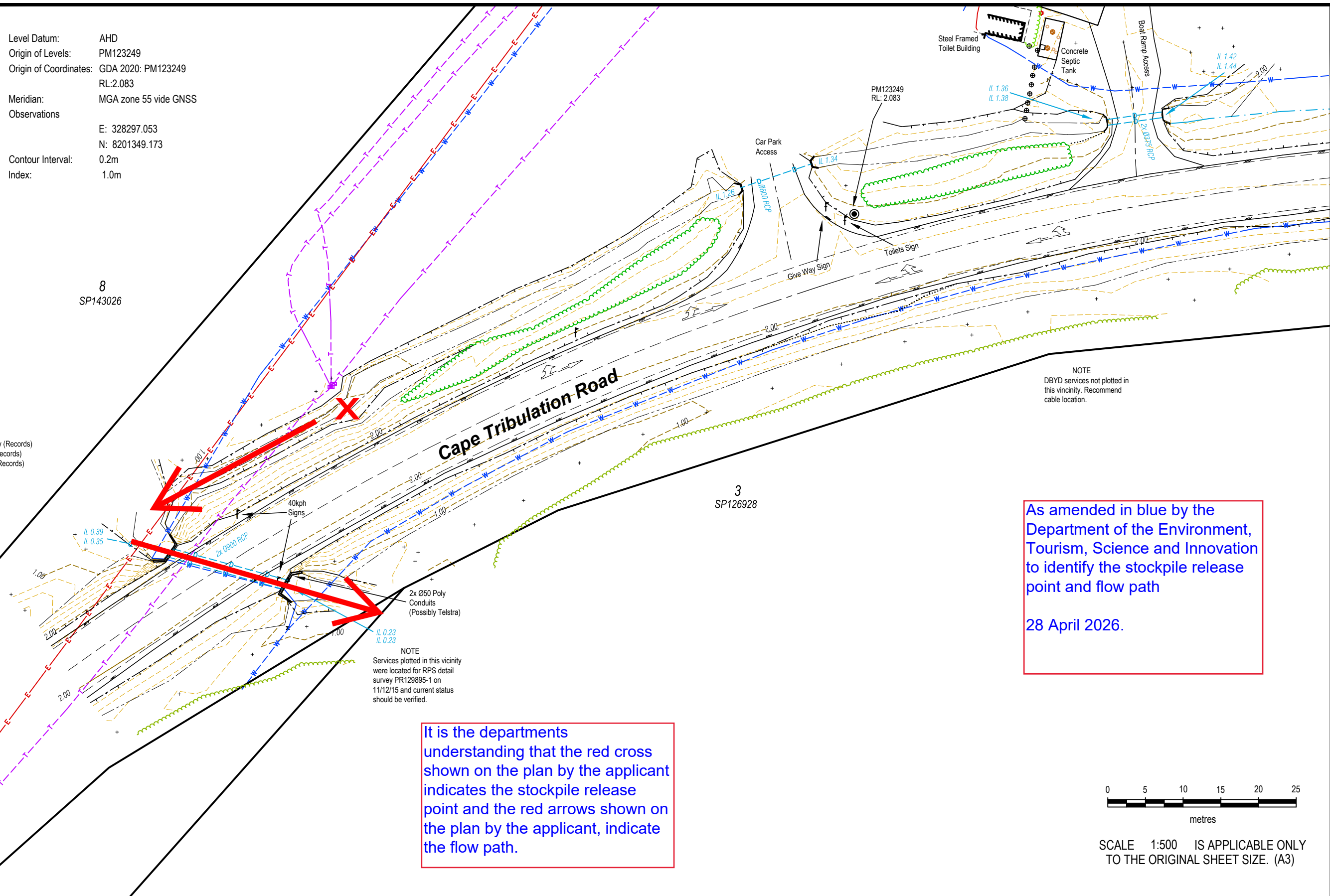
**Legend**

- Tap
- Electrical Pit
- Telstra Pit
- Power Pole
- Light Pole
- Bollard
- Sign
- Water Valve Pit
- Camera Post
- Survey Station
- Road Crown
- Edge of Bitumen Road
- Top of Bank
- Toe of Bank
- Edge of Sugar Cane
- Edge of Garden
- Edge of Vegetation
- Drainage Pipe
- Change of Grade
- Line Marking
- Overhead Electricity
- Underground Electricity (Records)
- Underground Water (Records)
- Underground Telstra (Records)
- IL of Open Drain
- Speed Bump
- Lane Dividers

8  
SP143026

3  
SP126928

**Cape Tribulation Road**

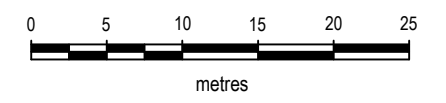


NOTE  
 DBYD services not plotted in this vicinity. Recommend cable location.

NOTE  
 Services plotted in this vicinity were located for RPS detail survey PR129895-1 on 11/12/15 and current status should be verified.

As amended in blue by the Department of the Environment, Tourism, Science and Innovation to identify the stockpile release point and flow path  
 28 April 2026.

It is the departments understanding that the red cross shown on the plan by the applicant indicates the stockpile release point and the red arrows shown on the plan by the applicant, indicate the flow path.



SCALE 1:500 IS APPLICABLE ONLY TO THE ORIGINAL SHEET SIZE. (A3)

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6. Prior to any demolition, excavation or construction on the site, the relevant authority should be contacted for possible location of further underground services and detailed locations of all services.

AMENDMENTS		PROJECT MANAGER	
		D. Pinkham	
		SURVEYED	
		MJW/FS 20/5/2021	
		COMPILED	
		RMS	
CAD REF	SHEET	SHEET SIZE	
PR149353-1.DWG	1	A3	
149353-101-MJW data 02.mjo	OF		
	SHEETS	11	

**Douglas Shire Council**

**Detail & Contour Survey**  
**Approaches to Daintree River Ferry**  
 Lower Daintree  
 Queensland  
 Sheet 1 of 11

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**rps**

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SCALE	DATE	DRAWING NO.	ISSUE
1:500	25/5/2021	PR149353-2	