



CARPENTARIA SHIRE

*Outback by the Sea*

***BUSINESS PAPER***

***20 OCTOBER, 2021***

## **BUSINESS PAPERS**

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### **NOTICE OF MEETING**

**COUNCILLORS:**

Mayor Jack Bawden	Chairperson
Cr Ashley Gallagher	
Cr Bradley Hawkins	
Cr Andrew Murphy	
Cr Craig Young	
Cr Amanda Scott	
Cr Douglas Thomas	

Please find attached the Agenda for the Ordinary Council Meeting to be held in the Les Wilson Barramundi Discovery Centre, Yappar Street, Karumba commencing at 9:00am.

Mark Crawley  
**CHIEF EXECUTIVE OFFICER**

**Presentation:**

9:30am Alan Gurney – Questions on the Les Wilson Barramundi Discovery Centre  
11:45am Sarah Rizvi (Gulf Savannah NRM) - phasing out single use plastics

# BUSINESS PAPERS

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- 1 OPENING OF MEETING**
- 2 RECORD OF ATTENDANCE**
- 3 CONDOLENCES**
- 4 CONFIRMATION OF MINUTES FROM PREVIOUS MEETINGS**

**RECOMMENDATION**

*That the Minutes of the Ordinary Council Meeting held 15 September 2021 be confirmed.*

- 5 BUSINESS ARISING FROM PREVIOUS MEETINGS**
- 6 RECEPTION OF PETITIONS & DEPUTATIONS**
- 7 MAYORAL MINUTES**

## BUSINESS PAPERS

### 8 REPORTS FROM THE CHIEF EXECUTIVE OFFICER

#### 8.1 CEO REPORT

**Attachments:** 8.1.1. Electoral Commission Dashboard [↓](#)  
8.1.2. Engagement for Local Government Elections [↓](#)  
8.1.3. Launch at Normanton VIC [↓](#)

**Author:** Mark Crawley - Chief Executive Officer

**Date:** 14 October 2021

**Key Outcome:** Day to day management of activities within the Office of the CEO

**Key Strategy:** As per the Departmental Plan for the Office of the CEO

#### Executive Summary:

This report provides information and updates to Council on various activities and programs that are facilitated within the Chief Executive Officer's portfolio.

#### RECOMMENDATION:

That Council:

1. receive and note the Chief Executive Officer's report; and
2. that those matters not covered by resolution be noted.

#### MEETINGS SCHEDULE

Date	Time	Event	Location
<b>Council</b>			
<b>20 October 2021</b>	9:00am	Ordinary Meeting of Council	Karumba
<b>21 October 2021</b>	8:30am	Workshop – Councillors, CEO, Directors and Managers	Boardroom
<b>17 November 2021</b>	9:00am	Ordinary Meeting of Council	Boardroom
<b>18 November 2021</b>	8:30am	Workshop – Councillors, CEO, Directors and Managers	Boardroom
<b>NWQROC and LGAQ</b>			
<b>25 - 27 October 2021</b>		Annual Conference	Mackay
<b>2 – 3</b>		NWQ ROC Meeting	Burketown

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Date	Time	Event	Location
<b>December 2021</b>			
<b>Local Government Professionals Australia</b>			
<b>25 November 2021</b>	8:30am	LGMA CEO Forum	Brisbane

### FINANCIAL REPORT

Governance Income and Expenditure to 31 September 2021

Row Labels	Sum of Original Budget	Sum of Actual Bal	Sum of Order Value	Sum of Total Spend
Operating Expenditure				
Communications	50,000	55,660	12,793	68,453
Community Recovery Officer	0	16,454	3,612	20,066
Disaster Events	0	21,667	0	21,667
Disaster Preparedness	7,000	2,578	8,873	11,451
Elected Members	548,207	106,912	891	107,803
Emergency Response	110,000	3,664	540	4,204
Governance	1,185,337	237,821	13,232	251,053
<b>Operating Expenditure Total</b>	<b>1,900,544</b>	<b>444,756</b>	<b>39,941</b>	<b>484,697</b>
Operating Income				
Disaster Preparedness	-7,000	0	0	0
Emergency Response	-18,000	0	0	0
<b>Operating Income Total</b>	<b>-25,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Grand Total</b>	<b>1,875,544</b>	<b>444,756</b>	<b>39,941</b>	<b>484,697</b>

## BUSINESS PAPERS

### Tourism Budget – Manager Tourism

#### Discovery Centre

Row Labels	Sum of Original Budget	Sum of Actual Bal	Sum of Order Value	Sum of Total Spend
Operating Expenditure				
Les Wilson Barramundi Discovery Centre	709,747	190,124	67,617	257,741
Tourism Events	120,000	19,550	57,814	77,364
Visitor Information	265,901	50,596	6,749	57,345
<b>Operating Expenditure Total</b>	<b>1,095,648</b>	<b>260,270</b>	<b>132,180</b>	<b>392,450</b>
Operating Income				
Les Wilson Barramundi Discovery Centre	-316,500	-268,381	0	-268,381
Tourism Events	-10,000	0	0	0
Visitor Information	-10,000	-4,220	0	-4,220
<b>Operating Income Total</b>	<b>-336,500</b>	<b>-272,601</b>	<b>0</b>	<b>-272,601</b>
<b>Grand Total</b>	<b>759,148</b>	<b>-12,331</b>	<b>132,180</b>	<b>119,849</b>

#### Hatchery

Row Labels	Sum of Original Budget	Sum of Actual Bal	Sum of Order Value	Sum of Total Spend
Operating Expenditure				
Hatchery	399,565	83,867	5,540	89,407
<b>Operating Expenditure Total</b>	<b>399,565</b>	<b>83,867</b>	<b>5,540</b>	<b>89,407</b>
Operating Income				
Hatchery	-13,000	-3,601	0	-3,601
<b>Operating Income Total</b>	<b>-13,000</b>	<b>-3,601</b>	<b>0</b>	<b>-3,601</b>
<b>Grand Total</b>	<b>386,565</b>	<b>80,266</b>	<b>5,540</b>	<b>85,806</b>

## BUSINESS PAPERS

### ACTIONS OUTSTANDING FROM PREVIOUS MEETINGS

<b>Date:</b>	<b>Ref:</b>	<b>Action</b>	<b>Status</b>	<b>Comment</b>
June 20		Advised Preston Law of Council desire to conduct a session with Contractors.	Complete	Will be added to Contractor 2022 construction season start Agenda
October 20	012	Concessions not granted. Upgrade the signage to provide passcode to airside traffic.	Part complete	Signage yet to be arranged. Someone scratched code on gate post.
February 21	023	approve the request subject to the conditions outlined in the Subordinate Local Law No. 1.2 Commercial use of LG controlled areas and roads	Progressing	Initial letter advising of Council support for use as requested. Follow up to be provided in relation to Local Law conditions
April 21	002	That Council call expressions of interest from Interested Persons for the café operations at the Les Wilson Barramundi Discovery Centre from 1 November 2021 for a period of 2 – 3 years with a further option of extension.	Progressing	EOI completed for a call within the next month
May 21	007	Recommence the process to finalise the Water Supply Easements in negotiation with Landholders and finalise all agreements for the water supply at Glenore.	Progressing	Sent advice to Preston Law to recommence.
August 21	009	Advisory Committee Policy and Terms of Reference for Advisory Committees adopted	Progressing	Drafts underway for the various Advisory Committees of Council
August 21	010	Adoption of six Policies	Progressing	New policies to be loaded onto Website
August 21	GB	Pipeline Easement	Progressing	Contact made with Dean Patchett to progress the inclusion of the northern section of the easement/road in our asset register
September 21	006	Delegation of authority to the Chief Executive Officer – changes to legislation in previous six month	Complete	Delegations Register (Electronic) has been updated

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### **MATTERS FOR COUNCIL CONSIDERATION**

#### **1. Covered in separate reports**

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A separate Report will be provided for all matters for Council consideration.

**Recommendation:** NIL

### **MATTERS FOR COUNCIL INFORMATION**

#### **2. Valuation 30 June 2022**

Council Officers have advised the Valuer General that we wish to be considered for a Valuation – effective 30 June 2022.

The Valuer General has confirmed receipt of our request and will take this under consideration with other valuations requested.

Council will be advised of the 2022 programme once it has been confirmed.

**Recommendation:** For information

#### **3. Annual Conference – LGAQ – Mackay – 25<sup>th</sup> – 27<sup>th</sup> October 2021**

Mayor Bawden, Deputy Mayor Hawkins and CEO have been registered to attend the LGAQ Annual Conference to be held in Mackay from Monday 25<sup>th</sup> – Wednesday 27<sup>th</sup> October 2021.

Council's Annual Subscription includes two registrations for the conference and the CEO attends as an observer. CEO is also providing a presentation on the journey to accreditation for Prequalification and Federal Safety Accreditation for delegates at the Regional Roads and Transport Group Assembly.

**Recommendation:** For information

#### **4. Local Government Elections**

Correspondence has been received from the Electoral Commission in relation to the 2020 Local Government Elections and have provided a Dashboard (copy attached) of the services, participation and costs associated with the LG Election, explanatory notes are also attached to assist in interpreting the information contained in the Dashboard.

ECQ will also be working toward providing an estimate of the costs for the 2024 election one year prior to the elections taking place (see Statement of Intent attached).

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**Recommendation:** For information

### **5. Burns Philp Building**

During September we made request for an extension of the Exemption Certificate issued for the Monsoon Centre development within the Burns Philp Building. The certificate was originally issued in 2011 and had a currency period of 10 years.

If the extension is granted it will likely be based on the original Monsoon Centre proposal and if we amend the original proposal, by changing the Business Case we will need to re-apply for the exemption.

**Recommendation:** For information

### **6. Strategic Priorities and Opportunities**

Started to prepare a document highlighting the major projects and opportunities in the Carpentaria Shire following the presentation to the Regional Development Australia Townsville and North West. We have discussed this a couple of times and we have a presentation that we can provide as required.

The purpose of documenting the projects and opportunities is to provide a document that we can send, mail, distribute on those opportunities we identified and are available within the Region, could also be used for deputations etc. with Federal and State Ministers when they visit the Region, or we are visiting them.

The document is also intended to highlight the community benefits of each of those identified.

**Recommendation:** For information

### **7. Official Launch**

Official Launch of the new display – Working on Cattle Stations – Aboriginal Women's Stories to be held in Normanton on Friday 22<sup>nd</sup> October 2021.

**Recommendation:** For information

### **8. Funding**

Peak Services are preparing an application for funding under the NW Mineral Province Building Sustainable Communities Grant Program to undertake the development of a Youth Strategy for the Carpentaria Shire.

Councils within the Minerals Province are eligible to apply. Council has this work listed in the Corporate and Operational Plans and is scheduled for the current financial year.

**Recommendation:** For information

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### **9. Application for funding Building Better Regions Fund (BBRF) Round 5**

Council received advice that our application for funding for the Monsoon Centre under Round 5 of BBRF was unsuccessful. Council may receive feedback and I have requested this from the Department.

It is suggested that we review the Business Case for the Monsoon Centre and also consider this as a staged project, along the following lines (potentially): -

1. Renovations to building to house the various components / displays for the Monsoon Centre
2. Phase one – Monsoon Centre Interpretive Display
3. Phase two – Monsoon Centre Interpretive Display
4. Phase Three – Monsoon Centre Interpretive Display

**Recommendation:** For information

### **10. Tourism Representation**

Mayor Jack and I met with Minister Stirling Hinchliffe and Mayor Andrew Martin from Blackall-Tambo Regional Council (also Chair of the OQTA) in relation to our request to move from the representation under TTNQ as our RTO to OQTA as our RTO as we have more of an alignment with the outback than we do with the Reef and Rainforests.

The meeting was well received, and we have been encouraged to continue discussions with TTNQ and OQTA to affect the transfer. The Minister advised that there would be no change to current funding arrangements with the RTO's until the funding arrangements are due to be distributed in the next round.

Mayor and CEO will provide a further update at the meeting as discussions with TTNQ are scheduled for Tuesday 19<sup>th</sup> October.

**Recommendation:** For information

### **11. Auction**

Auction is set down for Saturday 23 October 2021.

**Recommendation:** For information

### **12. Training – Financial Sustainability**

Currently we are working with QTC for the delivery of a Financial Sustainability training session. We have guaranteed 15 attendees for the session so we will require attendance from all Councillors and the ELT. Dates to be finalised Suggested 18-11-2021 or 7-12-2021

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**Recommendation:** For information

### **Tourism Champions Update**

#### **Destination Marketing Activity**

Social media continues to underpin the destination marketing activity. The Barra Centre Team have taken over management of their social media and are progressing well after some initial guidance was provided.

Discover Carpentaria social media is still in early stages however the followers are growing. It would be good if the Councillors liked the page and shared the content to support this outcome.

A new, state-wide marketing campaign funded by TEQ will roll out on Monday 18<sup>th</sup> October offering consumers 50% discounts on experiences. The Barra Centre has been signed up to participate with a 50% off a Behind the Scenes adult or family ticket offered. The deal is listed on ATDW and will then appear on the TEQ consumer website [www.queensland.com](http://www.queensland.com). The 50% discount is reimbursed back to the Centre by TEQ so there is no cost to the business.

The ATDW listing for the Normanton VIC has been renewed and updated to include the new Indigenous display and a revised description of the Centre services.

A booking has been made to attend and represent Carpentaria region at the Townsville Expo, the region's largest caravan, camping & lifestyle event, in May 2022 rather than attend the Cairns Expo for the third year in a row. Townsville is the third largest target market for Carpentaria, after Cairns and Brisbane. A suitable Brisbane event will be confirmed in the next few months.

#### **Industry Development**

Generating a tourism operator database for the region is a key outcome to be achieved so communications can be targeted to them. This may be available already through a Council database and if not, the information will be sourced via phone or a face to face visit

There are many industry initiatives that the Carpentaria tourism operators are not aware of and this database will facilitate communication of these.

There is then potential to hold two workshops/meetings per year to discuss how tourism outcomes can be achieved. Topics discussed would be the value of listing on ATDW and working to achieve Best Of Qld Experience status.

#### **Experience and Event Development**

The Outback Festival of the Sea has been transferred to the first week of the June/July school holidays to be consistent with the timing of the K150 celebrations in 2023 and allow 2021 TEQ funding to be rolled over in the current financial year.

The new Festival dates are Monday 27<sup>th</sup> July – Saturday 2<sup>nd</sup> July 2022. The concert will be held at the end of the week this year to allow holiday makers to travel to the destination. It seems that more businesses are keen to participate when the event is held in the busier holiday season.

TTNQ also have grant funding available for the Festival and an application will be made for this. Sponsors will also be sought to offset the major event costs of flights and accommodation.

The Indigenous Cattle Women Display at the Normanton VIC has been installed and the promotional flyer including the Tourism Minister's Welcome Letter has been produced ready

## **BUSINESS PAPERS**

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for printing and distribution. The launch date of 20<sup>th</sup> October is being progressed with the Mayor and other stakeholders.

# Carpentaria Shire Council



## OVERVIEW

<b>Council type</b>	Undivided	<b>Mayoral voting system</b>	Optional preferential voting
<b>Type of ballot</b>	Attendance ballot	<b>Councillor voting system</b>	First-past-the-post
		<b>Number of enrolled electors</b>	1,057 (3,292,980 total electors in Queensland)



## ELECTORAL SERVICES

Early voting centres	1
Election day polling booths	2
Election day staff	5
Early voting work hours	55
Election assistant work hours	20
Returning officers/ assistant returning officers engaged	1
Office-in-a-box	0.5
ePollbooks	4
Printers	0

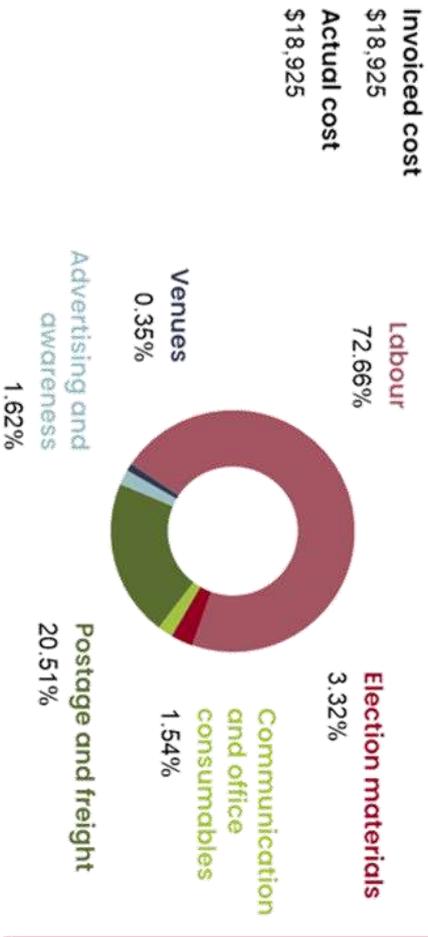


## PARTICIPATION

	Carpentaria	Queensland
Turnout	72.85%	77.71%
Informality rate (Mayoral)	0.40%	4.76%
Informality rate (Councillor)	4.03%	5.44%
Election day vote	31.48%	29.83%
Early vote	59.13%	49.63%
In-person declaration	2.38%	1.38%
Postal vote	7.01%	17.72%
Telephone vote	0.00%	1.44%



## COSTS



# Dashboard explanatory information



## OVERVIEW

**Council type** – Local governments in Queensland can either be divided into separate divisions each with a reasonable proportion of electors or undivided and not have any divisions.

**Type of ballot** – Was the 2020 local government election delivered as:

- an attendance ballot, where electors could cast their ballot in-person at a polling place or utilise other services, including applying for a postal ballot
- a full postal ballot, where all electors are automatically sent a postal ballot but no in-person voting options are available, or
- as a hybrid of the two where some parts of the local government area conducted an attendance ballot and other parts as a full postal ballot.

**Mayoral voting system** – All mayoral elections are held using the optional preferential voting system.

**Councillor voting system** – The councillor voting system for divided councils (excluding Ipswich City) is optional preferential voting and for undivided (and Ipswich City) is first-past-the-post.

**Number of enrolled electors** – The number of adult individuals in the local government area enrolled to vote at the 2020 local government elections.



## PARTICIPATION

**Participation** – The number of enrolled electors who cast a ballot at the 2020 local government elections.

**Turnout** – The percentage of electors, as a proportion of the total number of enrolled electors, who cast a ballot at the 2020 local government elections.

**Informality (mayoral and councillor)** – The percentage of ballot papers not marked according to requirements set out in the *Local Government Electoral Act 2011*, as a proportion of the total number of votes cast, at the 2020 local government elections.

**Election day vote rate** – The percentage of ordinary in-person votes cast on election day, 28 March 2020, as a proportion of all votes cast.

**Early vote rate** – The percentage of ordinary in-person votes cast during the early voting period, 16 March 2020 to 27 March 2020, as a proportion of all votes cast.

**In-person declaration rate** – The percentage of in-person declaration votes cast as a proportion of all votes cast.

**Postal vote rate** – The percentage of postal votes cast as a proportion of all votes cast.

**Telephone vote rate** – The percentage of telephone votes cast as a proportion of all votes cast.

# Dashboard explanatory information



## ELECTORAL SERVICES

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**Election assistant hours** – The number work hours for staff employed to work as casual assistants in the returning office.

**Returning Officers/Assistant Returning Officers** – At least one Returning Officer was engaged to deliver the election for each local government with some being supported by one or more Assistant Returning Officers. These election officials are paid a set fee for the election period they are engaged.

**Office in a box** – A portable office kit prepared and configured by the ECQ and sent to every Returning Officer and most Assistant Returning Officers. The kit provides secure connectivity to the ECQ's election software application, with backups implemented across cellular network providers. The full kits include:

- 2 x computers with 24" displays
- 2 x mobile phones (on separate cellular networks)
- 1 x multifunction printer, and
- 1 x firewall modem router (with dual carrier cellular service inbuilt).

If necessary, only half-kits were sent to a Returning Officer.

**ePollbook** – Laptop devices configured and distributed by the ECQ to local government areas for use in polling places to allow election staff to electronically mark off voters as having cast a ballot.

**Printers** – Special use printers used in polling places that allow election staff to print out ballot papers on-demand for voters.



## COSTS

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**Invoiced cost** – The cost the ECQ invoiced the local government for the delivery of the election.

**Actual cost** – The actual cost for the ECQ to deliver the elections. Given the special circumstances of the elections, related to the COVID-19 pandemic, the ECQ absorbed any costs above the cost estimate provided in 2019.

**Labour** – The costs for labour includes wages, superannuation, allowances and training provided to Returning Officers, Assistant Returning Officers and other temporary election staff. Additionally, if necessary, this also includes costs for travel or accommodation incurred for these staff.

# LOCAL GOVERNMENT ENGAGEMENT Statement of Intent

The Electoral Commission of Queensland (ECQ) is committed to ongoing and constructive engagement with Queensland's local governments and stakeholder organisations regarding delivery of local government elections which efficiently and effectively meet the electoral needs of local communities in Queensland.

## Overview

The delivery of local government elections and by-elections is one of the ECQ's core functions, and central to its mandate to ensure the integrity of Queensland's electoral processes through delivery of accessible, fair and transparent elections.

Two state-wide election events were delivered in 2020 during the COVID-19 global pandemic, including the March 2020 local government quadrennial elections. This created additional challenges for all electoral participants in addition to the existing complexity of finalising the election of 578 elected representatives to 77 local governments across Queensland. The COVID-19 pandemic will continue to affect the operating environment for all Australian elections for the foreseeable future.

The ECQ is committed to identifying improvements arising from the 2020 elections and establishing stronger relationships with all councils to inform and improve future local government election delivery.

## Purpose

The ECQ will engage directly with local governments and stakeholder organisations to:

- Address issues raised during and following the 2020 local government elections and identify potential service delivery improvements.
- Provide further transparency and context around cost drivers and logistical and legislative constraints relating to the conduct of local government elections.
- Engage with local governments and other key stakeholders early in the electoral cycle to ensure that local issues can be reflected appropriately during planning.
- Utilise any by-elections conducted prior to the 2024 quadrennial elections as an opportunity for local engagement and trialling or implementing service improvement initiatives.
- Provide direct channels for feedback, discussion and collaboration on issues of mutual interest, including increasing the enrolment and election turnout rates of eligible First Nations Peoples.

## Constraints

The ECQ recognises a number of constraints applying to both local governments and the ECQ in local government election delivery and its supporting engagement program.

**Scale of delivery:** The ECQ is legislated to deliver elections and by-elections for all 77 local governments, which involves large numbers of candidates and contests, multiple voting systems and a diverse range of communities. Due to the large scale of these elections, it is not possible to tailor all aspects of election delivery to the specific contexts and challenges of each community. However, local engagement is critical to informing service design within these constraints.

**Time constraints:** Engagement and communication needs to be tailored to meet the needs and competing priorities of local governments, acknowledging that election planning is likely to be less of a priority for councils at the beginning of the electoral cycle. Similarly, ongoing engagement must balance the unique context of each local government, with the resources available within the ECQ.

**Financial constraints:** Local governments are legislatively responsible for funding the conduct of elections and by-elections (the latter of which cannot be planned in advance), while the ECQ is responsible for service delivery. There is a strong mutual interest in ensuring value for money in delivering services for local government elections that suit the local context and meet community needs. Further engagement can facilitate enhanced understanding of cost drivers for local government as well as identifying opportunities for cost savings.



**Diverse contexts:** The ECQ acknowledges the considerable diversity represented across the 77 local governments in Queensland in terms of population numbers and density, geographical diversity and cultural complexity. Similarly, rural, remote, metropolitan and regional centres have different community expectations, facilities and infrastructure. This has tangible implications for election delivery, and capacity or appetite for engagement. Acknowledging this, a priority for the ECQ includes developing culturally appropriate services to increase the turnout of First Nations Peoples at local government elections.

### 2020 local government elections

There were a number of unique factors relating to the delivery of the 2020 local government elections, including the emergence of the COVID-19 pandemic and the implementation of the ECQ's new Election Management System.

The ECQ has considered a range of issues arising from the 2020 elections, including those raised in local government submissions to the Parliamentary committee inquiry into the display of election results, and direct feedback from voters. While some of these relate to the specific context of the 2020 elections, other issues provide opportunities for future service improvements. The ECQ will implement improvements to address a number of the issues raised, including improved communication and awareness about the declaration process and timing where possible, communications between councils and the ECQ and/or local Returning Officers, and publication of results data.

### Channels

The ECQ has identified a range of channels for engagement. These will be used depending on resourcing, logistics and the specific requirements of each council. The ECQ welcomes further input from councils on how and when they would like to engage.

**Regional visits:** The ECQ will, where possible, undertake regional visits and engage in face-to-face meetings with local government representatives. By-elections conducted during 2021 to 2023 will provide opportunities for senior ECQ representatives to travel to communities to meet with councils or representatives from a geographical group of councils.

**Meetings:** Regular meetings will be held, either in person or remotely, at a frequency that accommodates the competing priorities within each local government, recognising the particular interests and issues of each council and the resources available at ECQ.

**Reporting:** The ECQ will provide additional information on the services delivered for each local government for the 2020 local government elections, along with local voter information such as vote informality or voter turnout.

**Engagement activities:** The ECQ will undertake regular consultation and ongoing engagement with peak bodies and stakeholder organisations and where possible will utilise existing forums to facilitate consultation. A particular focus of the ECQ will be on developing an understanding of the local Traditional Owners or Custodians of the lands and waters within our organisation's operational area.

**Advisory committee:** Consideration will be given to establishing an advisory committee to support the ECQ to deliver elections and by-elections effectively and efficiently, inform the ECQ's service design and facilitate engagement with the local government sector.

**Communication tools:** Regular communications such as a newsletter, at a frequency appropriate to the relevant phase of the electoral cycle, will be implemented to provide a channel for the ECQ to communicate with all 77 local governments, and provide updates on election planning, by-elections and other ECQ initiatives.

### Next steps

The ECQ will commence a program of engagement with local governments and stakeholder organisations to be implemented progressively to support planning for the 2024 local government quadrennial elections. As this program progresses, please forward any requests, suggestions or issues for consideration to the ECQ at [communication@ecq.qld.gov.au](mailto:communication@ecq.qld.gov.au).



# WORKING ON CATTLE STATIONS: Aboriginal Women's Stories



*A photographic tribute recognising the resilience, spirit, hard work and sheer determination of the Aboriginal women who played a vital role in the establishment of the cattle industry in the Gulf Region.*

## CONCEPT DELIVERY

*Sydney based photographer David Prichard has travelled extensively throughout Queensland and the Outback documenting the lives of Indigenous people for many years.*

*David's photographic work first came to Carpentaria Shire Council's attention when he provided an existing series of images for the "Indigenous Stockmen and Rodeo Riders Display", launched in 2019, here at the Normanton Visitor Information Centre.*



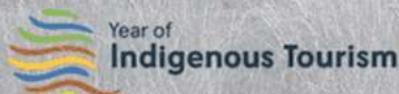
*The popularity of his stunning images, accompanied by locally written poems dedicated to the Indigenous men of the Gulf region, led to the decision to commission a series of First Nation women's portraits to ensure equal representation of their contribution to a vitally important industry. The result is "Working on Cattle Stations: Aboriginal Women's Stories."*



*Bringing this display to the public was not a simple exercise. In the true spirit of collaboration Visitor Centre Manager, Jason Callope, a member of the local Indigenous community, facilitated the necessary engagement with each of the tribal groups in the Gulf region to arrange for the women to sit for their portraits. The Kurtjar Aboriginal Corporation provided the transportation of the women to the location of the shoot while funding support, additional to the investment provided by Carpentaria Shire Council, was sourced through Tourism and Events Queensland's Year of Indigenous Tourism Festivals and Events Fund.*



*Their effort was rewarded in September 2021, when four of David's commissioned images were nominated for the internationally recognised Taylor Wessing Photography Portrait Prize. This outstanding achievement saw his work selected from over 5,300 entries from 2,215 photographers worldwide and provides an international platform from which to share Australian Aboriginal Women's Stories.*



# WORKING ON CATTLE STATIONS: Aboriginal Women's Stories

## **Message from the Minister for Tourism Industry Development and Innovation and Minister for Sport The Hon. Stirling Hinchliffe MP**



*Welcome to Working on Cattle Stations: Aboriginal Women's Stories, a wonderful opportunity to immerse yourself in Tropical North Queensland's local culture and community, and hopefully explore some of the superb tourism experiences on offer here.*

*The impacts of the pandemic have provided incredible challenges, but thanks to the hard work of Queenslanders our state was one of the first to put in place a COVID Safe Event Framework which paved the way for events such as this one to take place.*

*The Queensland Government is proud to support Working on Cattle Stations: Indigenous Women's Stories, through Tourism and Events Queensland's Year of Indigenous Tourism Festivals and Events Fund and it is a feature on our It's Live! in Queensland events calendar. Events are an important part of our state's economic recovery from the pandemic because they attract visitors to the region which stimulates the local economy and supports local jobs. Events are also an important opportunity for communities, friends, families, and visitors to come together, creating community pride and reconnecting us.*

*Congratulations to the event organisers and all those involved in organising this event – may it be a successful one.*

*If you are visiting for the event, I encourage you to make some time to explore the diverse tourism experiences on offer in this beautiful region.*

*The Hon. Stirling Hinchliffe MP, Minister for Tourism Industry Development and Innovation and Minister for Sport.*



## **BUSINESS PAPERS**

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### **8.2 COUNCIL VIEWS - FREEHOLD APPLICATION - STANBROKE**

<b>Attachments:</b>	8.2.1. Freehold Application - Donors Hill <a href="#">↓</a> 8.2.2. Freehold Application - Glenore <a href="#">↓</a>
<b>Author:</b>	Mark Crawley - Chief Executive Officer
<b>Date:</b>	13 October 2021
<b>Key Outcome:</b>	A well governed, responsive Council, providing effective leadership and management, and respecting community values
<b>Key Strategy:</b>	Maintain a focus on integrity, Accountability and Transparency in all that we do

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#### **Executive Summary:**

A request has been received from Stanbroke for Council's views for inclusion with their application to convert to Freehold. A series of plans are also provided to support the application.

#### **RECOMMENDATION:**

That Council review the survey plans and provide details of any necessary changes to the Chief Executive Officer for further discussion with the applicant.

That Council has no objection to the conversion to freehold and wishes to advise that no compensation should be requested for any land that is to be adjusted (opened/closed) as a consequence of any of the roads off alignment and realigned in accordance with the new survey plans.

#### **Background:**

Stanbroke are in the process of lodging an application for conversion of Glenore and Donors Hill to Freehold and have requested Council's views to be lodged with their application to shorten the process. Normally an application is lodged, and the Department seeks the views of Council and goes back to the applicant.

It appears that obtaining Council's views before submitting the application will expedite the application process.

This matter was raised in General Business at the August Meeting and Councillors indicated that some roads on the survey plans appeared missing or needed to be adjusted.

#### **Consultation (Internal/External):**

- Stanbroke – Cormac Hoch
- Mayor and Councillors

#### **Legal Implications:**

- Process is covered in the *Land Act*

#### **Financial and Resource Implications:**

- Resource only – time to review plans and discuss with applicant. No financial cost to Council.

## **BUSINESS PAPERS**

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**Risk Management Implications:**

- Workplace Health and Safety Risk is assessed as low
- Financial Risk is assessed as low
- Public Perception and Reputation Risk is assessed as low

# STANBROKE

Tuesday, 14 September 2021

To whom it may concern,

Stanbroke is currently in the process of submitting an application to The Department of Resources for the Freehold of Lot 2 WON4 (a portion of the land locally known as Donors Hill).

Copies of documents supporting the application are attached for your information.

Please advise Stanbroke of your views or requirements including any cultural heritage values that the Department should consider when assessing this application.

Objections to the application, and any views or requirements that may affect the future use of the land should accompany a full explanation stating the reason for the objection and should be forwarded to Stanbroke.

Please complete the attached letter on your company's letterhead which is required to accompany our Freehold Application and return back to myself.

This information has been provided to you in confidence for the purpose of seeking your views on this matter. It is not to be used for any other purpose, or distributed further to any person, company, or organisation, without the express written permission of Stanbroke.

Should you have any further queries please do not hesitate to contact me.

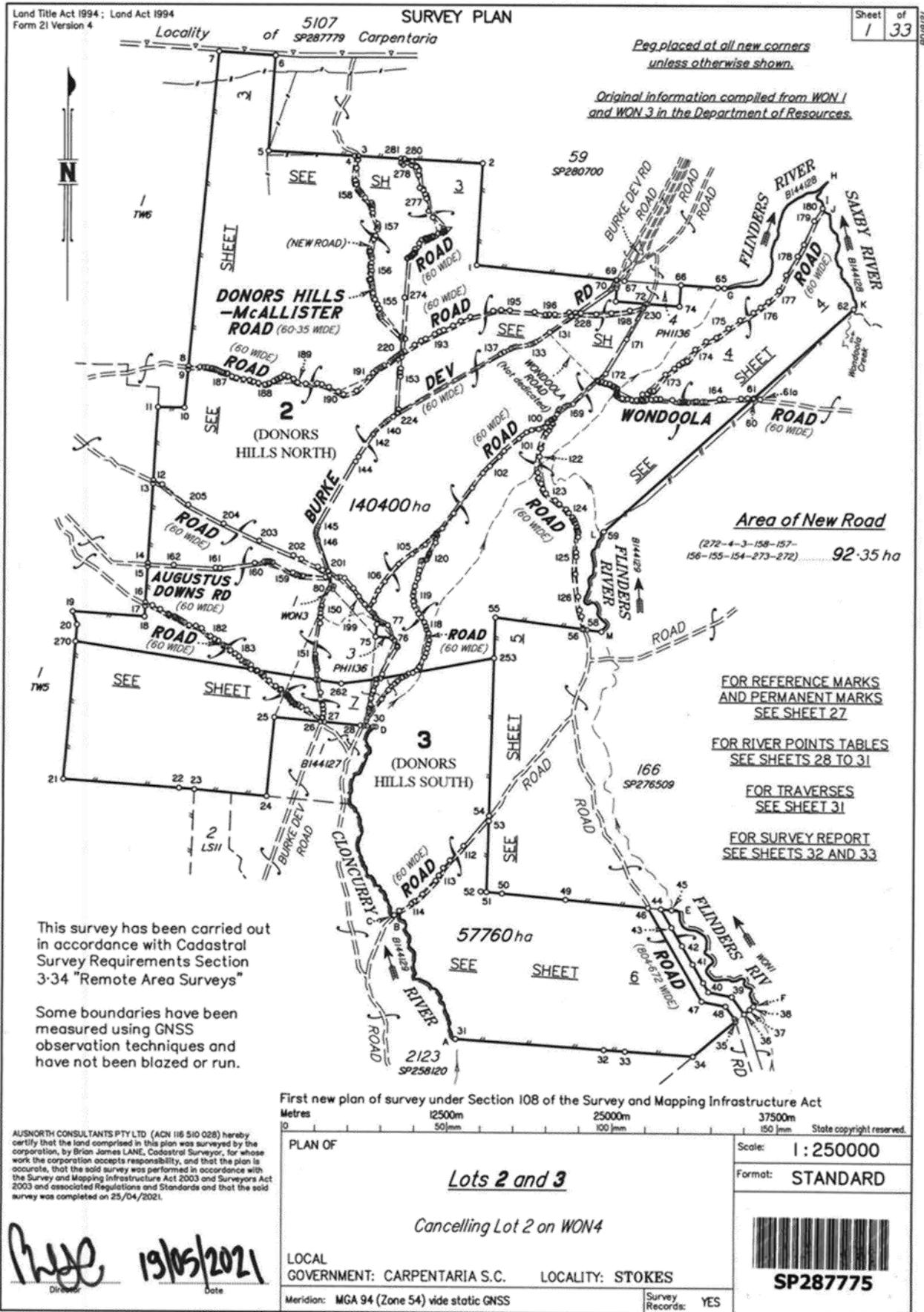
Kind regards



Cormac Hoch

e: [cormach@stanbroke.com](mailto:cormach@stanbroke.com)

p: 0400617346

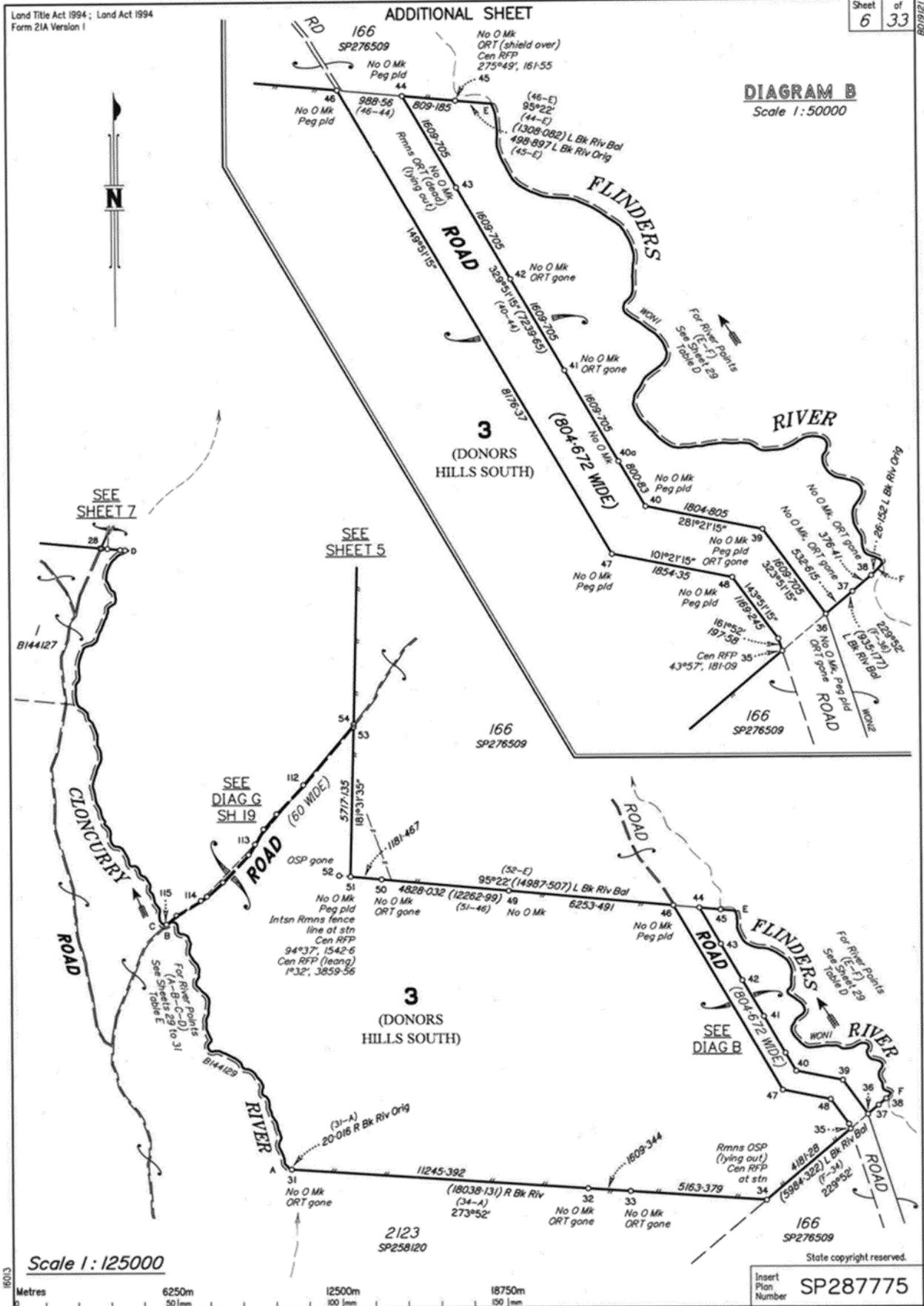


<p>Land Title Act 1994; Land Act 1994 Form 21B Version 1</p> <p style="text-align: center;">(Dealing No.)</p>	<p style="text-align: right;">Sheet 2 of 33</p> <p><b>WARNING : Folded or Mutilated Plans will not be accepted. Plans may be rolled. Information may not be placed in the outer margins.</b></p> <p>s. Lodged by</p> <p>(Include address, phone number, reference, and Lodger Code)</p>																											
<p>1. Certificate of Registered Owners or Lessees.</p> <p>I/We <b>STANBROKE PTY LTD</b> <b>ACN 008 442 939</b></p> <p>(Names in full)</p> <p>*as Registered Owners of this land agree to this plan and dedicate the Public Use Land as shown hereon in accordance with Section 50 of the Land Title Act 1994.</p> <p>*as Lessees of this land agree to this plan.</p> <p><i>[Signatures]</i> Signature of *Registered Owners *Lessees</p> <p>* Rule out whichever is inapplicable</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">6. Existing</th> <th colspan="3">Created</th> </tr> <tr> <th>Title Reference</th> <th>Description</th> <th>New Lots</th> <th>Road</th> <th>Secondary Interests</th> </tr> <tr> <td>17656001</td> <td>Lot 2 on WGN4</td> <td>2 and 3</td> <td>New Rd</td> <td>-</td> </tr> </table> <p style="text-align: center;"><b>EXISTING ADMINISTRATIVE ADVICE ALLOCATIONS</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Administrative Advice</th> <th>Lots to be Encumbered</th> </tr> <tr> <td>719373656 (ADMIN NOTING)</td> <td>2</td> </tr> <tr> <td>719767646 (EXEMPT CONS)</td> <td>2 and 3</td> </tr> </table> <p style="text-align: center;"><i>Encroachment Notice issued to the owner(s) of Lot 2 on WGN4 and Lot 166 on SP276509 on 21/05/2021 in accordance with s.18 of the Survey and Mapping Infrastructure Regulation 2014.</i></p> <p style="text-align: center;"><b>MORTGAGE ALLOCATIONS</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Mortgage</th> <th>Lots Fully Encumbered</th> <th>Lots Partially Encumbered</th> </tr> <tr> <td>720537639</td> <td>2 and 3</td> <td>-</td> </tr> </table>	6. Existing		Created			Title Reference	Description	New Lots	Road	Secondary Interests	17656001	Lot 2 on WGN4	2 and 3	New Rd	-	Administrative Advice	Lots to be Encumbered	719373656 (ADMIN NOTING)	2	719767646 (EXEMPT CONS)	2 and 3	Mortgage	Lots Fully Encumbered	Lots Partially Encumbered	720537639	2 and 3	-
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720537639	2 and 3	-																										
<p>2. Planning Body Approval.</p> <p>* hereby approves this plan in accordance with the : %</p> <p>Dated this ..... day of .....</p> <p>..... # ..... #</p> <p>* Insert the name of the Planning Body.      % Insert applicable approving legislation. # Insert designation of signatory or delegation</p>	<p><b>9. Building Format Plans only.</b> I certify that: * As far as it is practical to determine, no part of the building shown on this plan encroaches onto adjoining lots or road; * Part of the building shown on this plan encroaches onto adjoining lots and road</p> <p>Cadastral Surveyor/Director * Date *delete words not required</p>																											
<p>3. Plans with Community Management Statement :</p> <p>CMS Number : Name :</p>	<p>7. Orig Grant Allocation :</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Lots</th> <th>Orig</th> </tr> <tr> <td> </td> <td> </td> </tr> </table> <p>8. Passed &amp; Endorsed :</p> <p>By: AUSNORTH CONSULTANTS PTY LTD (ACN 116 510 028) Date: 19/05/2021 Signed: <i>[Signature]</i> Designation: Cadastral Surveyor/Director</p>	Lots	Orig																									
Lots	Orig																											
<p>4. References :</p> <p>Dept File : 2014/0073799 Local Govt : 2019/000882 Surveyor : 16013</p>	<p>10. Lodgement Fees :</p> <p>Survey Deposit \$ ..... Lodgement \$ ..... ..... New Titles \$ ..... Photocopy \$ ..... Postage \$ ..... TOTAL \$ .....</p> <p>11. Insert Plan Number <b>SP287775</b></p>																											

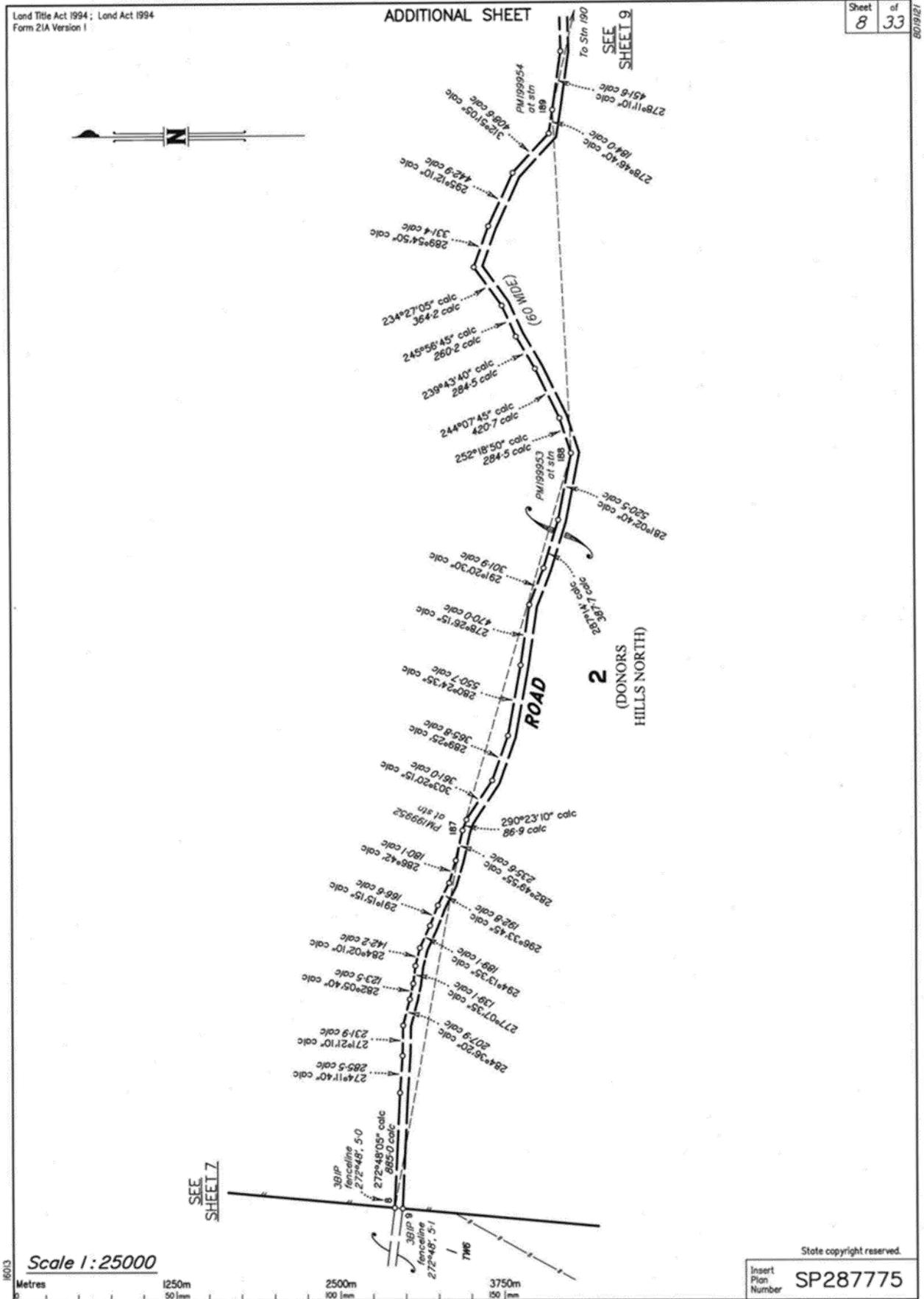
















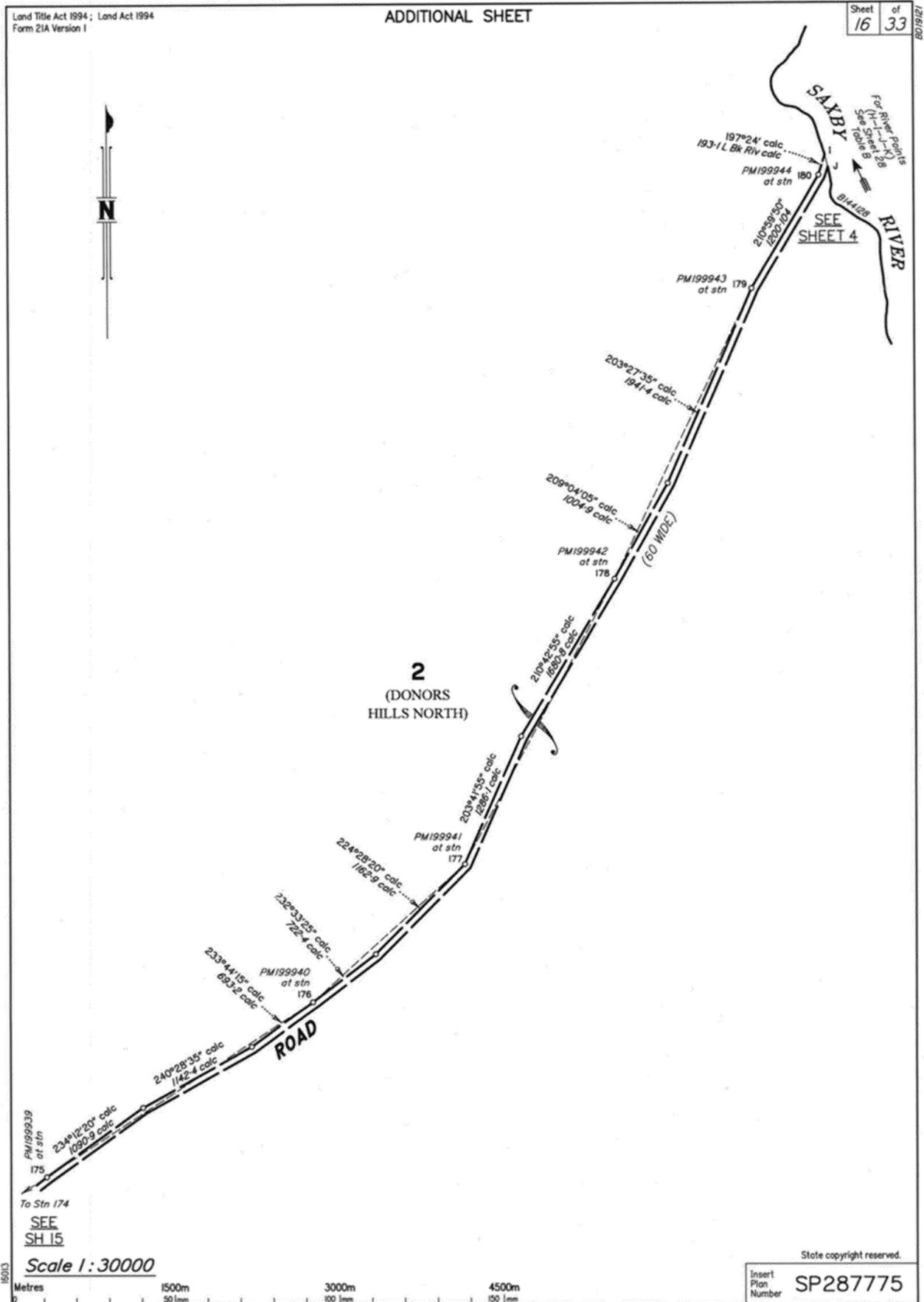


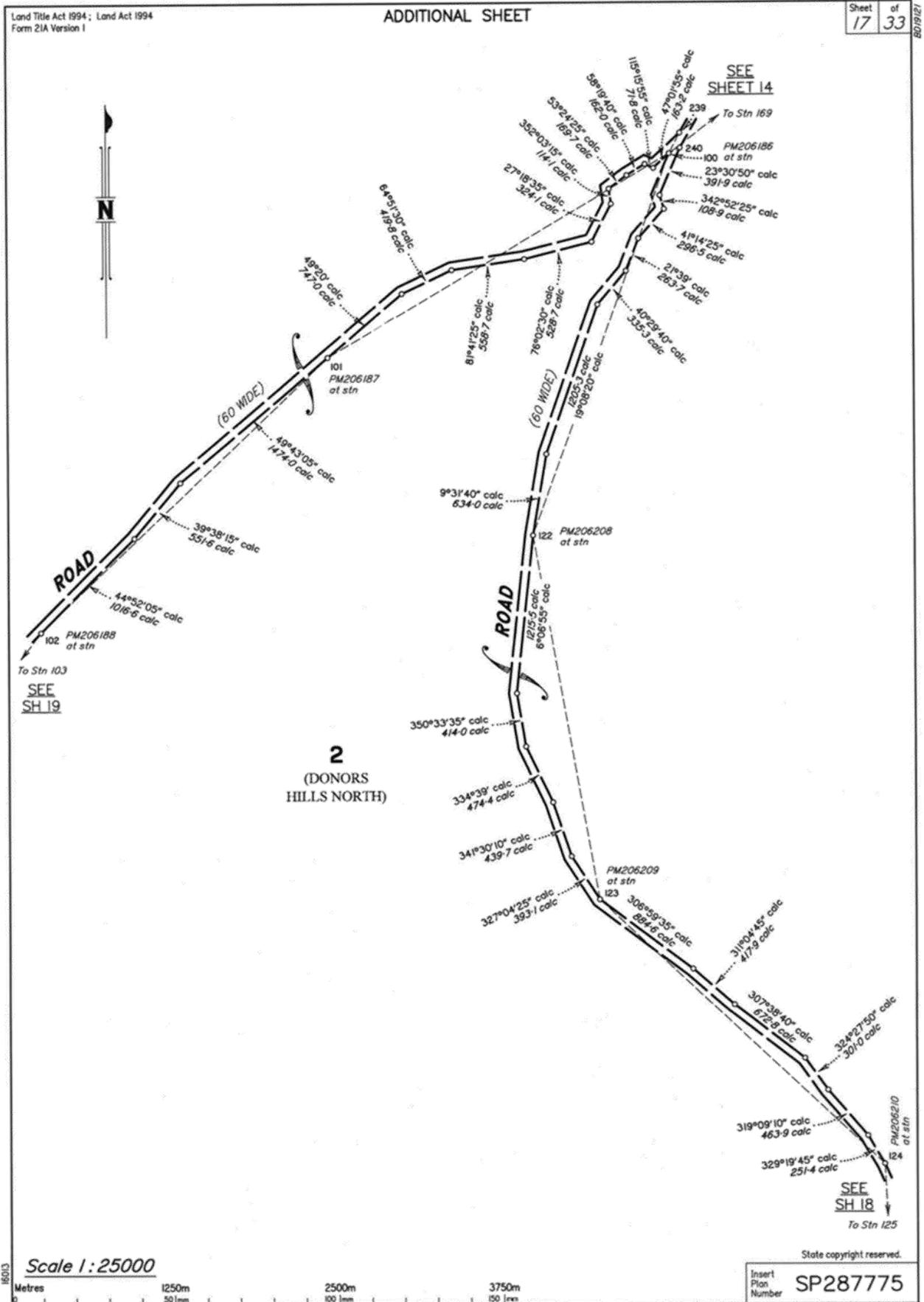


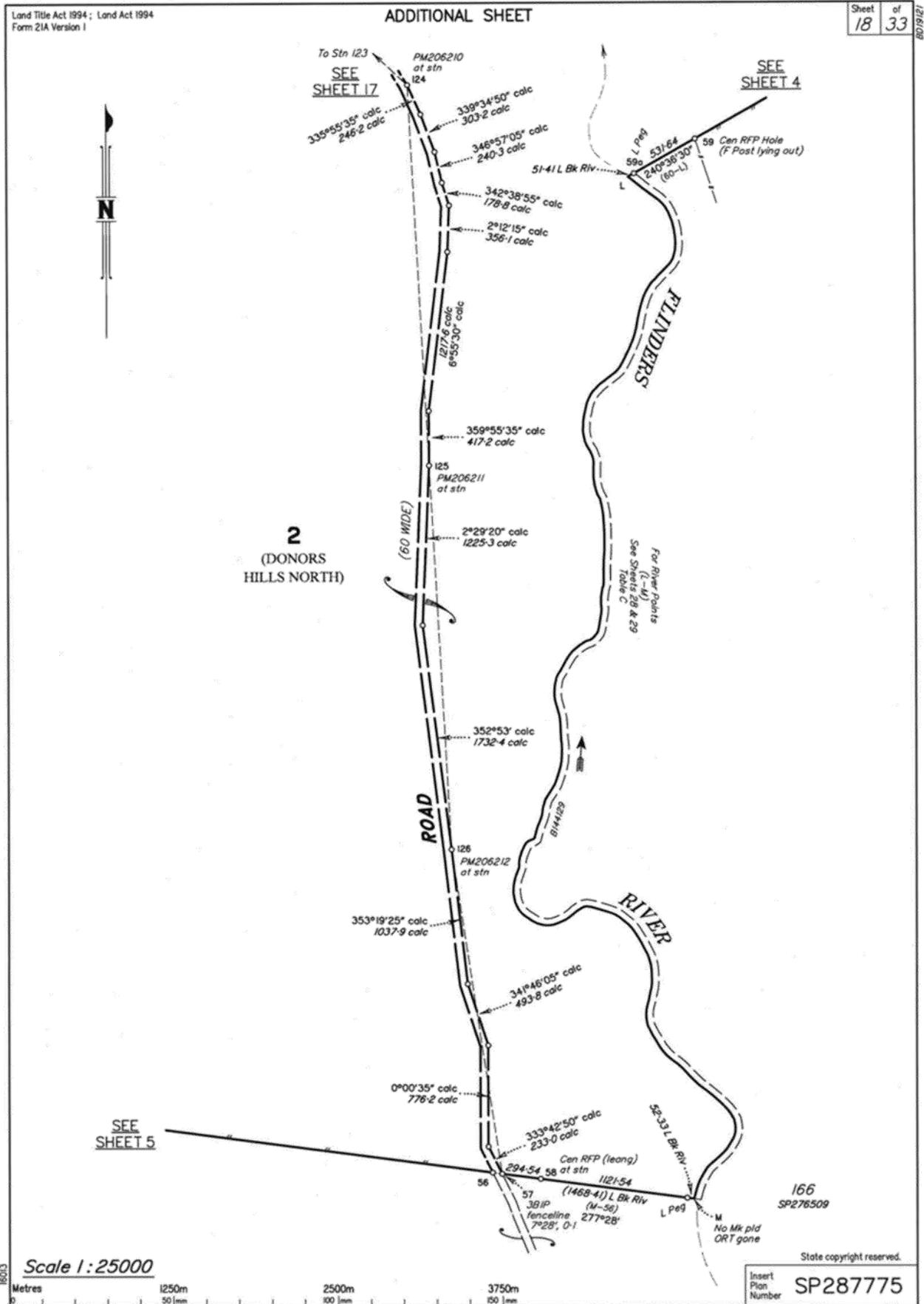


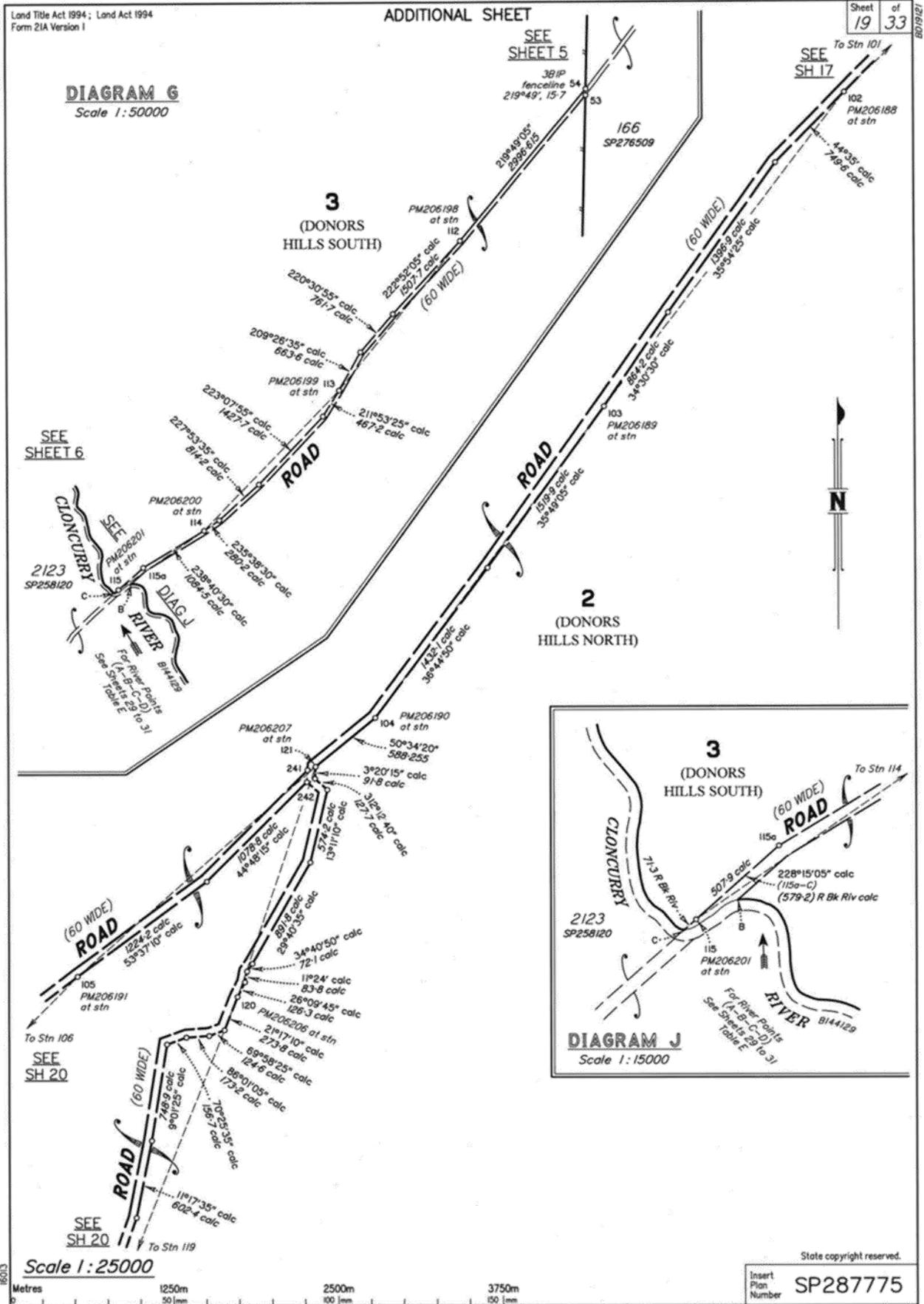


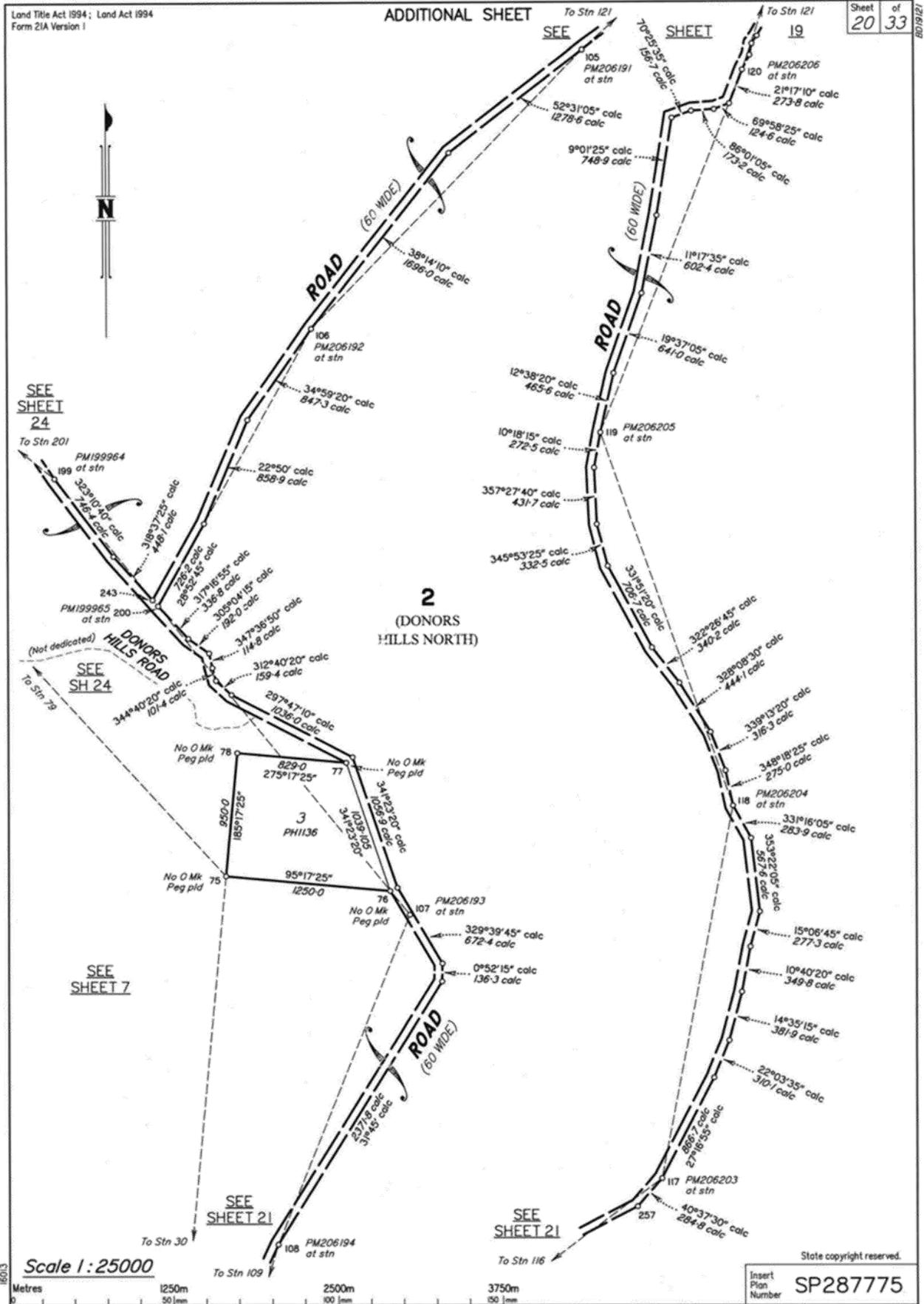






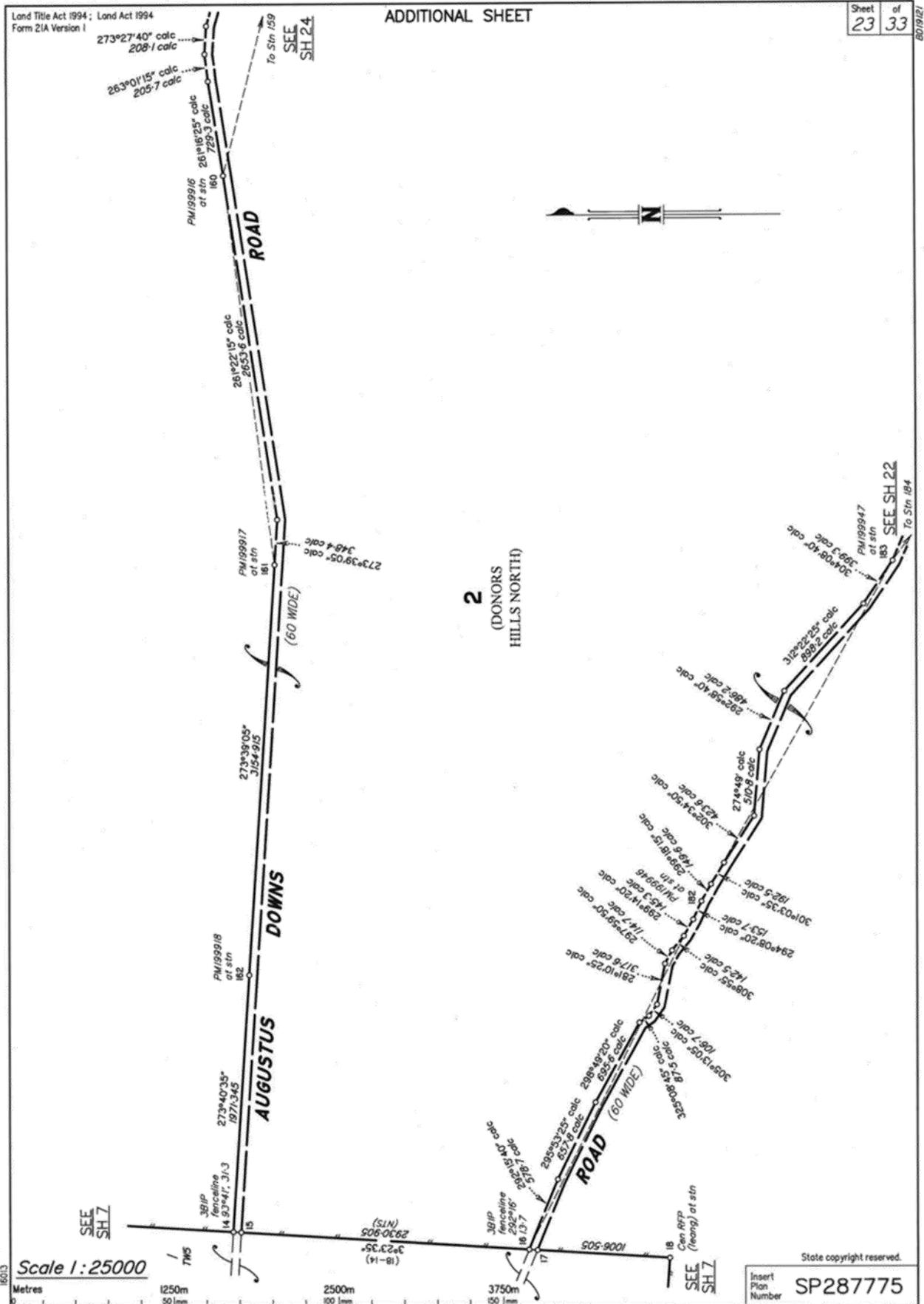




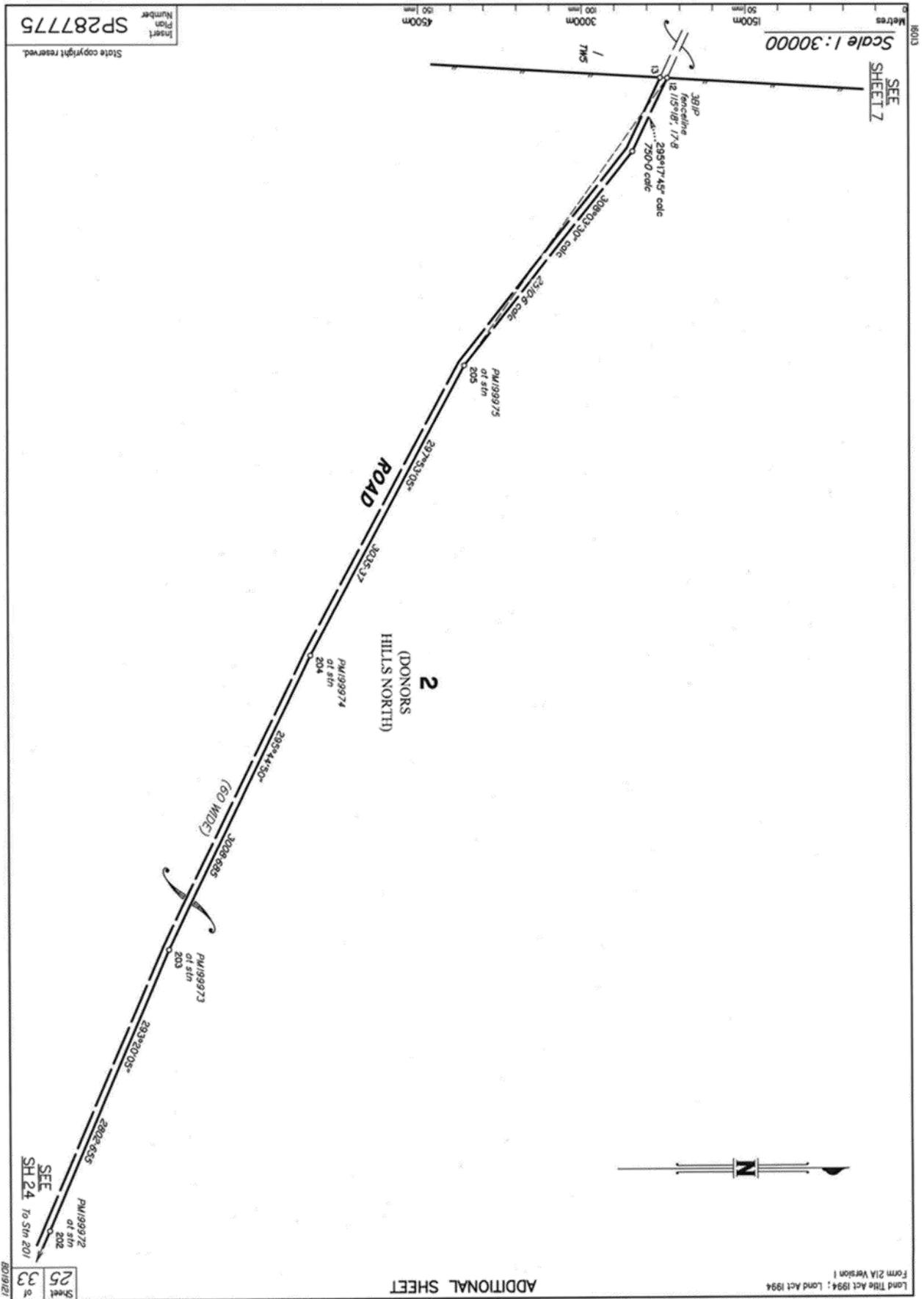


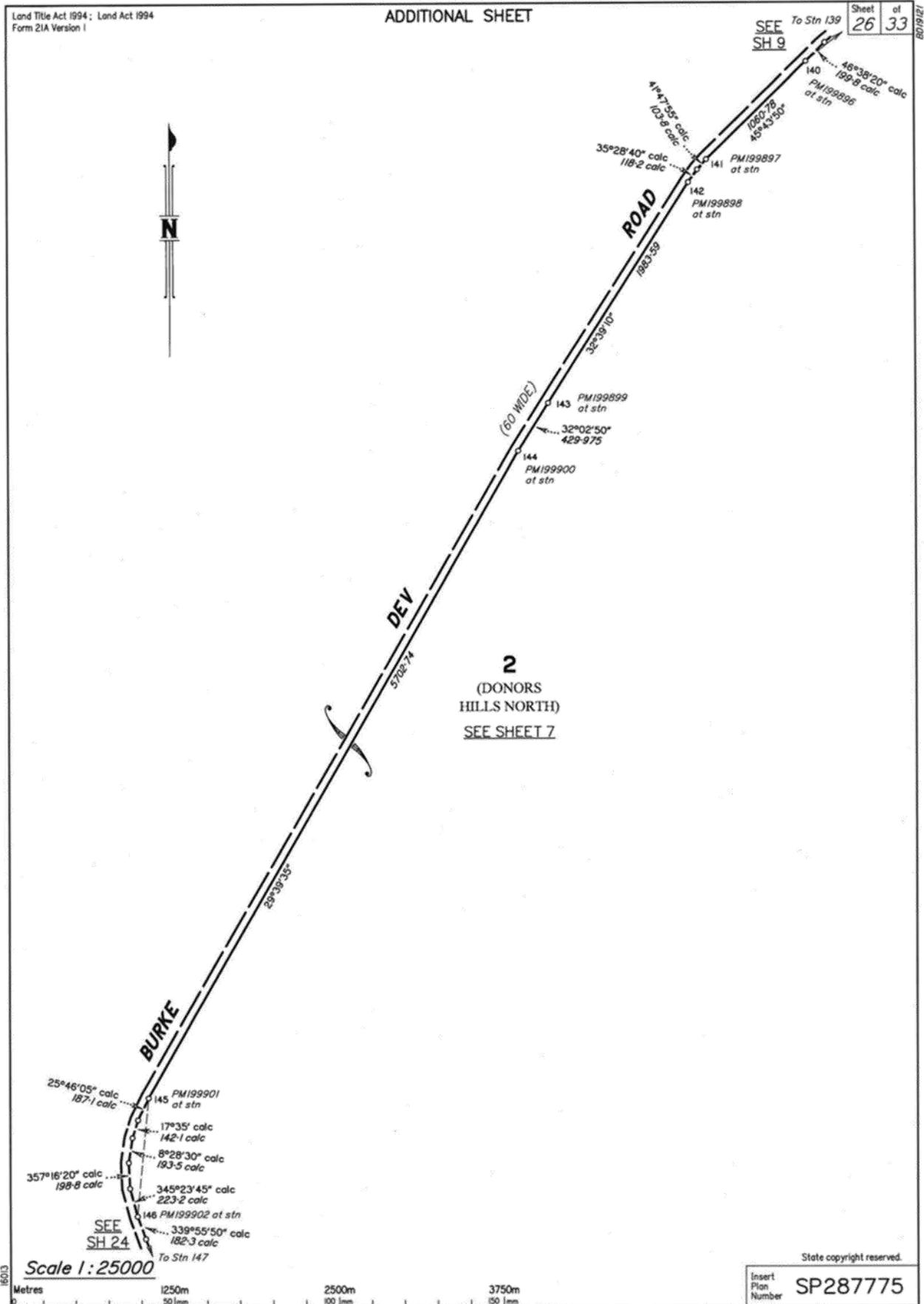












Land Title Act 1994 : Land Act 1994 Form 21A Version 1		REFERENCE MARKS				ADDITIONAL SHEET						Sheet of 27 33	
STN	TO	ORIGIN	BEARING	DIST	PM	ORIGIN	BEARING	DIST	NO	TYPE			
L	Pin		316°05'	15-11									
M	ORT gone	B144127	at	stn	101-PM		at	stn	206187	S Pkt in conc			
1	OIP	SP280700	50°16'	4-21	102-PM		at	stn	206188	S Pkt in conc			
2	OIP	SP280700	325°12'	1-44	103-PM		at	stn	206189	S Pkt in conc			
5	OIP	SP280700	18°50'	0-77	104-PM		at	stn	206190	S Pkt in conc			
5	OIP	SP280700	199°16'20"	202-415	105-PM		at	stn	206191	S Pkt in conc			
6	OIP	SP280700	205°18'	6-475	106-PM		at	stn	206192	S Pkt in conc			
7	Pin		239°57'	6-685	107-PM		at	stn	206193	S Pkt in conc			
7	Pin		4°51'10"	132-82	108-PM		at	stn	206194	S Pkt in conc			
10	Pin		92°04'	0-975	109-PM		at	stn	206195	S Pkt in conc			
10	Pin		146°55'25"	69-97	110-PM		at	stn	206196	S Pkt in conc			
11	Pin		209°07'	1-37	112-PM		at	stn	206198	S Pkt in conc			
18	Pin		20°55'	3-025	113-PM		at	stn	206199	S Pkt in conc			
19	Pin		126°27'	2-73	114-PM		at	stn	206200	S Pkt in conc			
20	Pin		163°59'	3-12	115-PM		at	stn	206201	S Pkt in conc			
21	ORT gone	B144127	at	stn	116-PM		at	stn	206202	S Pkt in conc			
21	Pin		187°13'	2-025	117-PM		at	stn	206203	S Pkt in conc			
22	Pin		352°40'	1-005	118-PM		at	stn	206204	S Pkt in conc			
22	Pin		93°25'30"	88-175	119-PM		at	stn	206205	S Pkt in conc			
23	Pin		4°04'	13-13	120-PM		at	stn	206206	S Pkt in conc			
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24	Pin		138°14'	0-89	122-PM		at	stn	206208	S Pkt in conc			
25	Pin		12°51'	0-83	123-PM		at	stn	206209	S Pkt in conc			
25	Pin		271°10'35"	44-58	124-PM		at	stn	206210	S Pkt in conc			
30a	Pin		329°01'	61-47	125-PM		at	stn	206211	S Pkt in conc			
31	ORT gone	WON1	188°22'	21-284	126-PM		at	stn	206212	S Pkt in conc			
32	ORT gone	WON1	171°52'	28-405	131-PM		at	stn	199759	S Pkt in conc			
33	ORT gone	WON1	81°07'	26-393	132-PM		at	stn	199760	S Pkt in conc			
34	Pin		348°46'	2-795	133-PM		at	stn	199761	S Pkt in conc			
35	Pin		42°44'	0-955	134-PM		at	stn	199890	S Pkt in conc			
35	Pin		47°52'	61-335	135-PM		at	stn	199891	S Pkt in conc			
35	Pin		44°01'20"	182-265	136-PM		at	stn	199892	S Pkt in conc			
36	Pin		295°29'	2-725	137-PM		at	stn	199893	S Pkt in conc			
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37	ORT gone	WON1	199°22'	11-265	140-PM		at	stn	199896	S Pkt in conc			
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39	Pin		341°29'	3-23	142-PM		at	stn	199898	S Pkt in conc			
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40	Pin		22°14'	2-53	144-PM		at	stn	199900	S Pkt in conc			
41	ORT gone	WON1	6°21'15"	5-532	145-PM		at	stn	199901	S Pkt in conc			
42	ORT gone	WON1	117°21'15"	4-325	146-PM		at	stn	199902	S Pkt in conc			
43	Rmns ORT (dead, lying out)	WON1	18°11'15"	15-611	147-PM		at	stn	199903	S Pkt in conc			
44	Pin		258°56'	5-25	148-PM		156°12'20"	131-07	199904	S Pkt in conc			
45	ORT (Shield over)	WON1	65°32'	3-822	150-PM		187°17'35"	563-54	18023	Standard			
45	Pin		275°16'15"	163-265	150-PM Id								
46	Pin		147°40'	3-83	151-PM		at	stn	199907	S Pkt in conc			
47	Pin		130°52'	2-505	152-PM		at	stn	199908	S Pkt in conc			
48	Pin		30°46'	3-445	153-PM		at	stn	199909	S Pkt in conc			
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55	Pin		85°43'50"	15-015	157-PM		at	stn	199913	S Pkt in conc			
58	Pin		108°43'	1-13	158-PM		at	stn	199914	S Pkt in conc			
59	Pin		204°0'	1-245	159-PM		at	stn	199915	S Pkt in conc			
60	Pin		327°24'	3-7	160-PM		at	stn	199916	S Pkt in conc			
61	Pin		206°17'	1-025	161-PM		at	stn	199917	S Pkt in conc			
62	Pin		324°03'	6-155	162-PM		at	stn	199918	S Pkt in conc			
65	OIP	SP280700	343°08'	1-355	164-PM		at	stn	199920	S Pkt in conc			
66	Pin		300°53'	4-01	165-PM		at	stn	199921	S Pkt in conc			
68	OIP	SP280700	116°11'	0-95	166-PM		66°34'20"	54-33	199922	S Pkt in conc			
68	O Spike in bit &	SP280700	113°10'20"	35-23	167-PM		at	stn	199923	S Pkt in conc			
70	OIP	SP280700	13°26'30"	4-445	168-PM		at	stn	199924	S Pkt in conc			
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78	Pin		272°37'	1-1	175-PM		at	stn	199939	S Pkt in conc			
79	OIP	WON3	108°09'15"	4-803	176-PM		at	stn	199940	S Pkt in conc			
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81	OIP	WON3	288°09'15"	1-0	179-PM		at	stn	199943	S Pkt in conc			
81	O GI Nail gone	WON3	288°09'15"	25-0	180-PM		at	stn	199944	S Pkt in conc			
253	Pin		170°25'30"	10-275	182-PM		at	stn	199946	S Pkt in conc			
254	Pin		353°24'	0-995	183-PM		at	stn	199947	S Pkt in conc			
254	Pin		172°38'10"	12-435	184-PM		at	stn	199948	S Pkt in conc			
258	Pin		118°08'	3-755	185-PM		at	stn	199949	S Pkt in conc			
258	Pin		148°06'20"	18-875	186-PM		at	stn	199950	S Pkt in conc			
261	Pin		147°08'	6-055	187-PM		at	stn	199952	S Pkt in conc			
262	Pin		139°43'	0-895	188-PM		at	stn	199953	S Pkt in conc			
262	Pin		236°04'30"	17-565	189-PM		at	stn	199954	S Pkt in conc			
263	Pin		355°53'30"	1-035	190-PM		at	stn	199955	S Pkt in conc			
263	Pin		121°59'35"	20-09	191-PM		at	stn	199956	S Pkt in conc			
266	Pin		359°56'	1-15	193-PM		at	stn	199958	S Pkt in conc			
266	Pin		121°57'20"	38-415	194-PM		at	stn	199959	S Pkt in conc			
270	Pin		108°51'	15-81	195-PM		at	stn	199959	S Pkt in conc			
273	Pin		122°13'45"	48-02	196-PM		at	stn	199960	S Pkt in conc			
280	Pin		176°36'20"	5-265	198-PM		at	stn	199963	S Pkt in conc			
281	Pin		171°41'30"	5-835	199-PM		at	stn	199964	S Pkt in conc			
					200-PM		at	stn	199965	S Pkt in conc			
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					202-PM		at	stn	199972	S Pkt in conc			
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					276-PM		at	stn	206393	S Pkt in conc			
					277-PM		at	stn	206394	S Pkt in conc			
					279-PM		at	stn	206395	S Pkt in conc			

PERMANENT MARKS					
PM	ORIGIN	BEARING	DIST	NO	TYPE
4-OPM	SP280700	130°35'	15-795	199634	S Pkt in conc
8-PM		272°48'	4-685	199951	S Pkt in conc
12-PM		115°17'45"	17-665	199976	S Pkt in conc
14-PM		93°34'30"	31-15	199718	S Pkt in conc
16-PM		287°07'05"	13-415	199945	S Pkt in conc
27-PM		10°33'35"	31-79	199717	S Pkt in conc
29-PM		244°52'30"	48-66	206214	S Pkt in conc
54-PM		219°49'05"	15-37	206197	S Pkt in conc
57-PM		89°28'	2-53	206213	S Pkt in conc
61-PM		99°42'15"	471-63	199919	S Pkt in conc
67-OPM	SP280700	274°22'50"	6-835	194682	S Pkt in conc
69-OPM	SP280700	315°10'40"	5-945	199719	S Pkt in conc
79-OPM (New Conn)	WON3	352°44'50"	88-6	80484	S Pkt in conc
80-PM		203°21'45"	116-585	199905	S Pkt in conc
100-PM		at	stn	206186	S Pkt in conc

50mm	100mm	150mm
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ADDITIONAL SHEET

Sheet of  
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TABLE A  
 R BANK FLINDERS  
 RIVER POINTS

BEARING	DISTANCE
G 92°31'20"	230.8
76°24'30"	188.3
75°52'20"	152.4
75°39'25"	182.7
76°47'15"	118.8
80°52'55"	82.5
83°28'50"	70.9
93°48'50"	75.6
94°45'50"	72.7
103°31'25"	81.7
93°10'45"	54.4
92°54'40"	59.4
85°54'55"	56.5
91°24'10"	123.2
85°31'20"	167.4
82°42'20"	126.7
78°27'55"	100.6
76°27'50"	111.7
79°47'10"	113.4
84°52'20"	78.8
89°19'05"	84.5
85°47'40"	68.6
79°33'45"	77.7
76°30'15"	77.6
70°12'05"	80.2
63°43'05"	90.8
53°15'10"	94.1
50°24'40"	67.9
35°46'35"	84.3
36°52'10"	75.4
42°40'20"	87.5
45°0'	74.0
48°28'	72.0
38°44'45"	104.4
38°51'15"	93.0
42°18'20"	121.0
38°48'40"	59.4
32°10'20"	73.7
24°02'05"	81.5
21°20'10"	69.1
11°12'40"	113.8
12°01'20"	111.0
12°34'	124.8
10°56'05"	90.1
4°56'20"	81.8
4°22'35"	197.7
1°48'05"	160.0
344°29'40"	156.1
340°30'25"	120.5
347°40'50"	89.5
356°11'10"	75.6
3°22'	102.7
5°42'40"	101.1
10°31'15"	124.4
10°59'50"	91.6
12°11'30"	74.1
15°31'25"	50.1
19°59'	62.8
22°31'15"	59.5
19°38'55"	126.8
18°26'05"	131.4
14°02'10"	80.2
18°59'50"	86.5
26°39'15"	63.8
40°09'30"	79.8
44°17'	75.9
35°32'15"	51.9
30°29'20"	83.2
24°52'50"	51.0
18°26'05"	82.7
15°29'15"	57.7
12°47'10"	96.9
352°24'10"	104.6
347°54'20"	86.4
352°34'10"	70.0
354°48'20"	55.5
10°18'15"	78.7
18°14'25"	93.2
17°06'10"	95.7
7°28'55"	127.4
6°12'10"	93.1
10°18'20"	89.9
15°04'05"	135.4
22°51'50"	90.6
19°56'35"	120.9
16°14'50"	144.4
16°41'55"	84.0
19°07'	124.9
17°58'10"	104.3
8°23'	64.4
16°20'55"	65.5
22°54'45"	70.6
32°09'10"	55.4
36°38'45"	68.5
36°52'10"	60.3
31°47'55"	78.9
29°13'40"	64.5
35°28'30"	71.6
40°14'10"	57.1
43°57'35"	119.2
50°11'40"	125.7
53°52'50"	92.1
59°15'	92.4

TABLE A CONTINUED  
 R BANK FLINDERS  
 RIVER POINTS

BEARING	DISTANCE
63°43'05"	90.8
61°11'20"	68.9
52°13'30"	101.8
51°36'50"	98.8
58°55'15"	85.7
55°50'25"	102.1
60°20'25"	83.3
68°50'10"	163.6
70°20'45"	104.6
63°53'40"	112.0
53°24'55"	121.5
52°14'10"	90.3
58°36'35"	69.5
61°08'45"	66.6
68°37'50"	49.7
81°48'05"	79.9
84°30'30"	140.1
81°38'40"	129.8
83°46'25"	111.3
75°57'50"	74.6
71°20'35"	81.7
67°10'	124.4
54°04'10"	323.5
45°35'50"	273.1
48°39'55"	474.9

TABLE B CONTINUED  
 L BANK SAXBY  
 RIVER POINTS

BEARING	DISTANCE
112°37'15"	23.2
121°51'	34.7
125°53'30"	41.9
125°25'	49.4
125°51'40"	60.1
119°03'15"	24.5
119°14'55"	25.6
115°46'15"	28.8
120°29'30"	31.1
126°20'25"	32.2
129°57'20"	35.1
131°32'35"	21.0
133°38'15"	23.6
146°05'40"	14.6
154°17'20"	17.9
160°06'50"	19.9
165°39'50"	18.5
173°22'10"	17.2
179°31'45"	24.2
181°34'15"	46.2
181°14'45"	13.7
178°28'45"	33.7
174°01'05"	31.5
174°50'45"	39.8
174°44'35"	40.7
169°44'45"	23.3
172°34'05"	27.6
170°01'20"	32.7
173°58'15"	42.5
174°55'10"	40.4
172°42'15"	39.1
173°31'05"	39.6
168°21'05"	51.0
163°50'25"	35.8
176°44'50"	26.3
186°03'55"	47.9
183°42'30"	32.2
188°09'45"	37.1
183°51'55"	33.1
179°24'10"	42.9
175°17'30"	38.1
173°02'50"	36.9
165°15'25"	26.3
158°48'20"	23.5
152°12'55"	47.0
154°18'45"	39.2
154°24'40"	35.2
156°43'40"	45.2
146°58'15"	35.8
140°22'10"	24.8
141°32'15"	40.7
138°31'	51.5
137°25'10"	44.9
135°24'25"	54.0
138°06'20"	40.8
123°44'25"	37.1
114°21'45"	26.0
113°00'35"	35.4
124°14'	27.7
134°19'35"	17.9
142°01'	27.2
149°47'20"	27.6
149°02'10"	29.5
149°24'15"	39.8
152°07'55"	15.6
160°40'40"	16.2
171°01'35"	30.6
174°33'40"	29.3
176°40'45"	149.6
175°57'10"	29.7
173°57'45"	46.7
168°42'0"	57.0
169°09'	54.6
163°08'30"	30.8
147°08'40"	25.5
139°53'55"	22.2
137°01'15"	29.9
154°46'35"	39.9
162°48'30"	56.5
168°53'35"	42.6
170°46'40"	61.4
176°11'10"	50.4
181°58'30"	38.9
190°05'50"	49.7
194°09'15"	73.5
193°26'	83.7
193°22'	92.8
192°50'50"	52.3
199°39'20"	33.2
209°44'40"	36.0
210°09'15"	54.3
209°00'45"	117.0
200°57'20"	39.4
198°16'50"	52.7
191°29'25"	56.1
192°53'55"	60.1
186°30'20"	51.3
182°08'50"	76.0
190°47'05"	38.2
185°24'10"	33.2
172°19'15"	40.2
165°04'10"	41.6

TABLE B CONTINUED  
 L BANK SAXBY  
 RIVER POINTS

BEARING	DISTANCE
156°35'15"	47.2
157°59'55"	47.7
155°48'25"	33.8
146°18'40"	24.2
149°26'20"	27.2
163°33'35"	28.4
168°27'10"	42.4
165°29'35"	66.0
166°13'05"	48.8
164°39'40"	40.6
157°43'50"	50.7
156°48'05"	37.4
148°54'05"	32.9
140°04'50"	28.6
128°23'10"	43.9
120°41'10"	47.3
123°07'35"	63.0
129°25'	42.2
133°37'35"	39.5
139°32'15"	39.9
150°13'35"	28.6
163°06'05"	36.9
168°26'20"	20.1
180°0'	44.7
180°0'	26.4
190°23'25"	27.3
192°09'15"	29.7
198°39'25"	36.3
194°11'55"	38.3
189°27'45"	40.8
187°40'55"	45.5
180°0'	21.9
170°03'35"	44.0
164°13'10"	42.7
162°23'15"	29.5
167°28'20"	45.3
172°05'55"	126.8
166°44'50"	166.8
161°50'20"	39.2
146°10'55"	36.9
135°20'05"	36.0
116°33'55"	42.0
111°04'55"	66.1
139°57'50"	29.5
139°34'50"	36.9
147°52'	42.6
157°37'10"	21.9
161°44'	32.3
157°03'05"	35.9
146°04'20"	39.8
133°38'40"	26.8
121°53'30"	31.6
117°18'50"	30.5
119°50'45"	29.1
128°11'30"	28.4
143°40'20"	25.1
150°59'35"	34.4
155°09'25"	53.2
156°32'05"	41.9
157°40'20"	30.9
148°29'40"	32.5
144°11'20"	29.0
135°0'	34.6
127°48'	40.3
128°10'20"	32.8
134°31'35"	38.2
140°52'15"	34.0
146°53'55"	43.7
148°26'15"	36.7
146°03'30"	28.0
155°55'20"	23.0
163°14'40"	43.4
165°43'10"	25.4
173°15'30"	49.5
166°40'35"	69.8
162°44'05"	69.3
159°53'	67.4
163°37'55"	66.6
165°57'50"	68.2
166°11'05"	56.2
168°47'55"	46.0
176°13'15"	50.0
173°43'45"	40.9
169°59'30"	38.6
164°03'15"	35.8
152°16'20"	39.4
151°33'20"	36.6
140°38'55"	28.9
141°25'10"	50.9
137°45'	72.5
141°17'05"	49.4
157°50'	34.7
158°55'10"	40.6
165°04'10"	55.5
171°18'10"	38.4
181°36'50"	31.7
167°51'50"	42.5
164°47'15"	52.8
163°41'	86.9
185°50'45"	34.3
207°54'50"	34.1
206°15'55"	13.1

TABLE C  
 L BANK FLINDERS  
 RIVER POINTS

BEARING	DISTANCE
L 165°19'40"	25.4
176°02'35"	64.3
176°25'25"	54.2
184°14'15"	55.0
195°15'15"	61.7
209°58'55"	40.6
223°46'50"	67.5
226°54'30"	57.4
221°51'30"	42.9
226°00'20"	36.4
213°13'50"	46.9
209°50'10"	35.4
204°04'35"	46.4
197°02'15"	58.5
194°17'25"	49.3
192°18'	61.4
190°22'25"	66.1
193°26'55"	28.4
193°53'30"	28.8
200°09'40"	41.0
201°39'	42.4
204°03'05"	39.8
205°52'	39.5
206°40'35"	46.4
207°14'05"	30.7
211°49'40"	27.4
217°03'25"	24.6
226°01'20"	27.8
231°46'	33.7
232°35'35"	34.3
232°01'05"	37.1
233°56'45"	32.4
226°21'15"	27.0
222°32'35"	31.0
227°14'45"	21.7
214°54'05"	31.5
206°43'30"	48.1
200°29'15"	29.2
194°42'55"	30.8
189°50'40"	36.9
195°02'40"	15.9
191°33'40"	27.0
186°53'15"	30.1
182°46'10"	37.3
182°17'25"	33.9
174°48'20"	29.9
167°11'	55.0
157°48'30"	38.4
148°44'20"	49.3
157°38'50"	34.8
161°18'	20.6
170°00'30"	31.3
182°00'45"	53.6
179°37'40"	69.5
171°43'30"	50.1
165°57'50"	40.9
160°18'05"	38.8
151°10'20"	40.2
169°47'40"	22.9
167°16'35"	43.0
170°45'15"	57.9
176°16'05"	62.4
176°52'10"	57.8
179°28'30"	49.2
180°0'	56.0
180°57'15"	54.1
183°54'50"	57.3
181°38'50"	52.3
180°59'10"	60.0
179°07'05"	58.6
184°12'20"	30.8
198°03'40"	21.8
189°33'40"	43.5
187°13'25"	32.3
180°35'25"	43.8
175°30'10"	40.3
181°47'25"	28.9
190°43'50"	42.7
188°03'50"	54.7
191°09'20"	22.0
197°00'15"	34.5
224°17'35"	25.8
234°52'25"	19.1
252°59'55"	36.5

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 Form 21A Version 1

ADDITIONAL SHEET

Sheet 29 of 33

TABLE C CONTINUED

L BANK FLINDERS RIVER POINTS

BEARING	DISTANCE
212°40'20"	49.3
207°18'	51.9
209°23'20"	30.0
212°03'25"	35.1
207°42'	27.2
192°37'35"	38.5
189°00'05"	30.7
184°23'50"	31.4
181°40'30"	34.1
174°28'25"	18.7
171°15'15"	23.7
164°03'15"	28.5
164°58'10"	33.6
164°14'55"	36.6
165°57'50"	24.8
172°28'35"	32.2
175°47'25"	42.0
177°34'35"	56.9
176°56'	50.6
173°07'30"	42.7
178°25'55"	43.9
181°49'35"	47.2
184°26'05"	41.6
190°47'	28.9
194°34'30"	35.0
196°23'20"	36.0
197°49'05"	39.8
200°04'20"	37.0
210°30'35"	44.0
213°30'15"	53.6
211°32'05"	34.9
197°06'10"	36.8
194°44'30"	26.6
188°31'55"	27.4
187°07'30"	27.3
195°22'30"	28.1
201°35'40"	34.9
202°17'10"	44.6
195°15'20"	54.0
193°57'35"	29.7
230°42'35"	12.8
249°46'40"	9.1
249°51'40"	14.4
244°03'35"	18.6
227°29'15"	22.0
211°19'40"	24.3
202°50'	46.5
199°24'20"	42.1
192°26'25"	31.4
181°52'40"	27.5
176°31'55"	14.9
192°59'40"	18.1
201°20'	20.5
200°27'45"	32.3
196°38'20"	41.0
191°27'30"	34.1
185°10'45"	35.3
179°13'25"	33.4
170°32'20"	38.4
167°39'35"	29.5
158°21'20"	30.6
150°38'35"	33.1
143°26'50"	32.6
133°27'50"	20.8
124°56'45"	45.7
123°41'25"	42.3
118°44'20"	31.9
106°59'25"	34.0
101°41'25"	26.7
95°18'50"	19.5
86°51'50"	33.0
78°10'35"	19.8
71°17'20"	29.5
66°41'	28.5
64°33'45"	41.0
54°20'05"	47.2
48°46'40"	58.1
56°18'35"	31.8
62°40'55"	34.1
76°19'45"	7.6
83°23'05"	13.9
98°25'40"	31.5
104°02'10"	23.6
106°21'45"	34.2
106°53'15"	64.0
108°26'10"	48.2
115°33'30"	27.3
121°13'25"	29.9
129°32'20"	69.5
129°48'20"	21.1
136°50'40"	37.1
144°09'45"	40.1
147°15'55"	40.0
148°19'	45.2
152°29'15"	48.8
152°41'20"	41.3
152°37'05"	23.6
159°35'25"	27.6
163°12'20"	47.7
172°04'	37.0
176°40'55"	41.6
178°31'55"	35.2
180°55'25"	37.3

TABLE C CONTINUED

L BANK FLINDERS RIVER POINTS

BEARING	DISTANCE
187°23'10"	32.7
191°49'	32.5
192°05'40"	64.6
194°53'25"	53.8
187°25'50"	20.9
183°00'50"	34.3
176°42'25"	34.0
171°52'15"	25.5
165°32'	29.1
152°14'30"	48.4
147°08'40"	51.5
149°50'45"	54.8
142°39'05"	43.1
138°07'20"	35.1
133°09'10"	29.7
127°44'45"	35.4
126°38'	42.8
132°41'30"	52.8
138°01'50"	68.3
134°42'55"	64.1
132°58'10"	45.0
127°08'50"	56.0
129°05'35"	55.8
130°31'30"	55.2
133°09'05"	59.4
136°29'40"	55.0
142°25'55"	44.4
150°27'40"	46.7
163°32'45"	37.3
173°55'40"	28.4
181°48'30"	28.6
192°20'25"	29.6
203°28'20"	26.8
209°21'25"	37.3
211°50'55"	52.6
221°47'05"	42.6
226°11'40"	45.9
228°22'	97.8
220°18'55"	29.3
211°43'25"	43.7
209°07'	61.2
200°24'35"	62.1
195°25'50"	87.6

Digitised from DNRME Map No. CM167-8 dated 27/05/2016 based on imagery: SPOTMaps Queensland AUS 1:5 captured between April and July 2012.

TABLE D

L BANK FLINDERS RIVER POINTS

BEARING	DISTANCE
127°36'30"	70.2
149°38'30"	61.8
164°42'	58.4
168°21'15"	60.3
174°53'40"	108.2
175°19'10"	77.4
176°56'25"	59.2
180°0'	40.1
185°29'05"	56.6
183°32'20"	43.8
177°17'45"	57.3
162°45'20"	46.3
163°10'10"	56.1
159°03'	84.5
155°28'50"	56.5
151°29'05"	65.2
152°44'	66.0
151°42'	53.3
150°29'30"	65.3
148°18'50"	64.4
135°0'	72.7
129°43'35"	62.5
119°49'35"	58.5
118°48'40"	61.8
118°10'40"	64.5
109°41'55"	58.2
111°06'35"	64.2
111°40'25"	56.8
104°02'10"	55.8
99°20'45"	54.2
96°10'10"	75.5
95°14'50"	66.6
91°57'30"	79.2
96°00'30"	64.6
99°17'	71.3
102°22'50"	56.8
114°31'10"	84.8
113°54'10"	65.1
113°53'45"	58.5
116°20'	74.7
122°28'20"	52.9
121°38'40"	68.3
124°16'	74.5
126°23'05"	79.8
123°03'45"	85.6
124°09'35"	68.7
128°23'45"	72.5

TABLE D CONTINUED

L BANK FLINDERS RIVER POINTS

BEARING	DISTANCE
138°59'30"	27.5
141°20'25"	34.7
146°18'35"	40.7
151°30'15"	35.9
151°46'15"	48.6
150°23'10"	49.3
154°56'55"	45.8
159°10'20"	44.4
161°16'50"	57.6
163°42'20"	61.1
168°59'50"	33.1
177°12'25"	37.0
178°35'10"	36.5
187°00'55"	29.5
194°02'10"	31.6
186°34'55"	35.4
183°04'55"	58.7
182°43'35"	47.4
186°27'35"	48.1
178°02'50"	39.7
177°19'35"	58.0
179°04'25"	28.0
177°14'30"	37.0
182°05'40"	31.7
184°05'15"	31.2
190°49'20"	31.2
200°02'40"	35.5
205°01'	29.9
219°01'10"	33.7
226°26'10"	57.3
231°20'30"	23.1
213°41'20"	24.4
199°19'25"	36.8
195°56'45"	23.0
174°23'55"	23.1
169°44'50"	22.9
159°43'	22.1
147°59'45"	21.3
136°54'30"	19.1
124°30'35"	26.3
127°34'10"	37.0
125°58'50"	40.7
121°02'55"	51.6
124°01'05"	43.5
119°06'35"	45.4
126°58'45"	41.7
130°28'30"	44.5
128°56'25"	57.4
125°50'20"	40.1
124°11'45"	42.5
123°31'30"	43.3
123°21'55"	22.1
135°0'	27.4
136°11'05"	46.3
140°42'35"	38.5
133°24'	33.3
146°18'30"	32.5
150°56'45"	27.9
156°08'25"	25.6
158°57'45"	31.4
162°17'05"	34.1
161°50'55"	47.7
181°47'25"	28.9
191°26'25"	38.7
196°11'25"	29.1
211°07'20"	27.9
214°20'45"	32.8
222°16'25"	33.5
226°34'35"	34.8
231°33'45"	36.3
233°46'25"	48.1
235°30'55"	54.2
233°52'55"	41.3
229°29'50"	56.9
230°33'40"	36.2
225°25'40"	37.3
210°15'25"	37.6
205°01'	44.8
205°12'05"	38.1
211°31'20"	59.5
221°34'35"	56.1
208°58'45"	50.3
198°26'	32.1
185°54'25"	39.4
180°37'05"	44.1
189°17'05"	31.3
173°25'05"	23.6
159°26'35"	23.1
156°57'40"	42.6
153°09'30"	42.0
150°45'05"	51.7
149°16'30"	55.6
142°39'05"	43.1
136°45'25"	52.0
132°45'10"	32.6
134°23'25"	31.8
137°08'55"	51.1
132°28'25"	43.4
135°49'45"	54.9
141°20'25"	44.0
136°25'55"	76.6
128°52'05"	77.6
124°17'10"	60.1

TABLE D CONTINUED

L BANK FLINDERS RIVER POINTS

BEARING	DISTANCE
121°54'	52.1
115°48'20"	45.6
103°40'20"	34.4
99°13'45"	36.6
94°30'55"	34.4
88°52'35"	23.0
81°20'50"	42.0
84°48'20"	24.9
93°59'45"	29.5
99°41'15"	18.8
90°0'	14.4
75°04'15"	14.0
80°24'20"	32.5
80°12'	50.3
85°07'15"	37.1
90°0'	34.3
88°58'40"	25.3
78°41'20"	41.4
77°14'35"	61.3
83°06'30"	62.0
82°44'15"	69.6
83°34'55"	54.5
87°40'40"	50.1
92°26'10"	31.8
96°29'	30.0
97°07'30"	32.7
90°0'	46.5
87°27'20"	61.0
83°23'10"	47.0
92°51'50"	54.2
94°41'55"	49.6
100°24'30"	33.7
113°27'30"	39.1
123°04'15"	34.7
125°09'15"	58.8
121°54'25"	42.2
110°05'45"	29.5
101°38'	15.3
93°48'45"	30.5
90°0'	30.4
87°02'25"	39.3
83°51'45"	63.3
87°25'35"	60.3
84°48'20"	59.8
75°07'30"	44.8
69°21'45"	55.7
65°48'	66.0
63°11'25"	53.3
55°00'30"	66.1
59°34'25"	49.4
61°30'20"	53.9
71°50'	45.6
83°03'55"	50.4
85°09'20"	40.1
94°00'50"	38.7
98°54'55"	34.9
100°37'10"	33.0
109°43'20"	38.1
118°55'35"	29.4
136°02'30"	26.3
145°53'05"	25.3
157°53'30"	23.4
167°19'10"	27.7
189°27'40"	24.7
186°38'	29.3
192°45'30"	36.8
207°18'	23.6
221°18'25"	29.7
212°51'25"	29.7
192°43'20"	21.5
180°0'	32.5
174°56'15"	53.7
161°14'25"	37.9
155°53'55"	28.2
147°10'15"	49.9
142°45'55"	42.5
136°11'40"	45.9
126°20'50"	44.5
121°28'30"	38.9
107°11'55"	59.5
100°29'30"	74.3
103°27'55"	49.4
104°42'30"	56.0
108°14'20"	62.7
115°44'29"	42.1
128°30'25"	38.0
132°26'15"	32.1
148°50'25"	34.0
160°49'15"	33.0
172°41'35"	26.6
181°28'10"	26.4
192°22'50"	28.4
203°01'35"	29.4
206°33'50"	42.4
217°03'25"	41.5
214°56'25"	60.2
214°59'30"	41.3
201°32'30"	27.6
197°44'40"	35.5
186°58'50"	33.4
181°14'45"	31.1
172°24'20"	51.2
172°52'30"	65.5

TABLE D CONTINUED

L BANK FLINDERS RIVER POINTS

BEARING	DISTANCE
157°54'50"	50.4
150°04'05"	51.5
148°17'55"	54.1

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ADDITIONAL SHEET

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TABLE E CONTINUED

R BANK CLONCURRY RIVER POINTS

BEARING	DISTANCE
358°21'20"	47.1
6°20'25"	34.4
4°40'	37.4
349°44'40"	25.5
345°31'45"	24.3
350°49'10"	76.2
342°57'45"	49.3
336°32'25"	43.9
324°51'50"	25.1
325°00'30"	55.7
315°48'25"	38.2
302°49'45"	28.0
293°11'55"	40.5
298°53'10"	25.2
300°08'35"	27.3
304°35'25"	26.8
324°51'55"	25.1
339°26'35"	32.5
0°0'	32.7
4°12'25"	51.8
8°44'40"	40.0
14°34'30"	39.3
16°36'25"	45.2
13°05'30"	33.6
18°37'50"	27.2
353°15'30"	22.3
341°13'20"	40.1
331°03'35"	52.0
330°38'35"	55.8
336°02'15"	30.0
324°27'45"	45.8
321°53'35"	49.3
322°44'	43.9
305°54'35"	27.2
309°59'20"	30.8
323°07'45"	38.0
330°38'35"	41.9
331°27'35"	49.3
325°21'35"	50.8
324°36'20"	35.4
313°09'05"	33.3
307°46'35"	38.5
312°18'40"	35.2
306°07'15"	31.0
306°01'40"	27.6
300°57'50"	29.6
294°19'30"	27.1
293°06'50"	30.1
288°09'10"	21.7
286°20'05"	20.4
280°29'35"	18.6
269°06'15"	21.6
268°43'35"	30.4
280°03'	27.1
280°49'15"	23.4
282°51'	19.8
296°00'10"	30.8
308°50'30"	18.3
322°07'25"	47.2
323°22'	24.6
330°56'40"	26.1
338°37'50"	25.0
342°14'40"	22.9
349°22'55"	24.8
345°15'15"	19.9
341°01'50"	17.2
328°29'45"	18.4
322°35'45"	21.7
310°47'10"	34.1
314°31'40"	43.4
311°41'50"	37.3
309°21'05"	32.8
308°04'25"	38.6
308°30'05"	28.5
301°34'25"	57.1
295°42'35"	45.6
295°15'15"	29.7
297°40'20"	93.9
299°47'15"	84.7
294°54'15"	78.2
294°37'25"	66.9
293°39'15"	67.0
291°00'25"	67.9
296°46'20"	63.0
296°33'50"	38.5
287°10'35"	29.2
282°38'	30.1
277°12'15"	22.2
270°44'40"	39.0
268°11'30"	48.2
257°23'30"	39.5
257°16'30"	48.3
260°56'35"	35.4
265°21'45"	18.8
277°45'55"	22.5
290°22'40"	18.9
304°12'55"	15.3
313°57'35"	19.7
315°56'45"	54.2
320°13'30"	38.5
337°37'10"	41.9
350°10'50"	40.1
1°07'30"	38.8

TABLE E CONTINUED

R BANK CLONCURRY RIVER POINTS

BEARING	DISTANCE
18°26'	45.7
29°24'30"	48.0
44°31'35"	65.0
45°49'45"	37.1
27°07'20"	35.0
12°11'55"	28.8
353°49'55"	28.3
346°22'20"	25.8
332°58'05"	41.8
328°37'05"	41.8
332°52'45"	46.7
339°11'35"	54.2
334°40'45"	52.1
334°42'30"	51.0
339°34'05"	55.2
332°31'30"	42.8
341°33'55"	36.9
353°27'10"	31.1
4°20'20"	31.8
7°35'40"	38.3
1°28'10"	39.5
357°36'50"	36.5
355°52'55"	42.3
352°00'20"	60.7
0°11'	26.6
3°00'40"	28.9
14°15'55"	30.9
22°52'25"	35.2
25°01'	41.9
27°21'	33.1
22°30'15"	38.4
19°07'15"	40.2
14°13'35"	37.1
9°07'45"	28.7
5°42'45"	20.4
356°35'35"	42.6
354°01'50"	37.8
357°28'30"	34.5
4°36'35"	31.5
6°12'10"	46.9
7°11'55"	48.5
7°00'35"	62.3
6°30'20"	58.2
2°13'50"	39.1
0°19'05"	34.2
352°05'35"	55.3
347°40'50"	45.1
339°56'40"	34.0
325°53'10"	38.0
323°00'40"	48.9
325°04'05"	38.9
319°23'55"	42.1
314°26'	36.2
307°22'	35.1
305°26'	32.3
302°00'20"	28.7
302°40'05"	27.0
316°58'30"	41.6
321°50'35"	36.1
321°20'25"	51.9
318°13'25"	39.4
320°19'55"	27.0
310°05'55"	25.2
307°20'55"	24.2
311°38'05"	24.4
309°31'20"	26.3
317°12'10"	18.7
332°42'05"	17.7
344°25'40"	32.1
356°04'55"	37.1
0°47'45"	36.5
8°23'30"	31.3
14°59'45"	29.4
18°58'10"	34.3
29°11'45"	39.5
31°04'45"	43.2
36°05'55"	30.1
33°24'50"	19.6
29°25'50"	15.1
30°22'40"	11.4
12°59'35"	9.0
5°54'30"	9.9
346°11'05"	20.3
346°23'20"	25.2
352°30'15"	25.9
1°07'25"	17.2
7°47'35"	32.4
10°31'15"	48.1
5°58'05"	28.8
7°59'25"	29.2
2°17'30"	25.4
35°44'23'55"	27.5
343°41'10"	21.7
339°22'25"	96.4
335°58'25"	46.1
329°48'35"	32.3
323°15'30"	44.9
315°11'30"	75.9
312°06'	37.8
318°55'55"	31.4
329°29'40"	50.6
328°37'	39.6
327°01'10"	37.9

TABLE E CONTINUED

R BANK CLONCURRY RIVER POINTS

BEARING	DISTANCE
324°33'	48.4
329°09'45"	39.5
329°59'45"	41.6
333°48'45"	34.5
337°17'10"	23.6
343°18'	21.2
355°48'20"	38.1
3°00'50"	38.6
8°24'10"	45.1
10°39'15"	52.1
14°21'	45.0
13°40'15"	38.6
10°04'50"	46.3
12°40'50"	41.6
356°03'15"	29.5
348°53'15"	28.9
338°23'10"	28.9
330°52'30"	40.6
332°58'15"	27.9
342°08'55"	35.5
344°44'40"	46.2
341°19'55"	39.6
340°52'	26.3
327°11'45"	26.4
313°36'10"	29.4
303°12'25"	33.3
300°21'30"	41.1
291°24'	40.3
288°02'10"	22.9
281°07'45"	31.5
276°36'45"	35.2
272°53'55"	40.1
284°02'15"	23.0
292°00'35"	25.7
293°01'40"	22.0
301°42'05"	20.3
321°20'25"	19.5
334°38'20"	24.3
341°52'40"	29.3
349°17'10"	38.2
353°34'15"	36.2
358°37'15"	42.1
355°40'05"	33.5
353°09'25"	51.0
346°08'55"	38.1
338°23'05"	28.9
331°42'	29.9
324°19'25"	24.3
312°11'	21.9
302°09'15"	21.0
286°59'25"	19.1
293°27'30"	29.3
279°57'	29.3
276°50'35"	25.5
268°56'20"	27.4
264°44'10"	20.1
240°32'40"	279.2
(Conn only)	
279°23'35"	14.9
292°22'45"	9.3
304°24'05"	22.2
320°11'35"	23.8
318°55'10"	35.0
320°00'50"	27.3
303°55'50"	22.4
302°00'15"	25.5
318°22'05"	20.3
319°05'05"	20.1
332°38'55"	22.1
336°15'05"	27.7
344°57'15"	32.5
349°38'25"	31.9
350°13'05"	29.8
354°51'45"	55.2
1°58'30"	29.4
4°26'25"	52.4
12°50'10"	41.1
6°36'50"	35.2
6°32'50"	31.1
356°55'55"	28.4
348°18'40"	30.0
341°51'45"	30.9
331°52'25"	24.7
322°04'30"	33.9
320°31'40"	37.2
320°04'15"	40.5
319°18'40"	47.7
320°40'20"	36.3
326°46'10"	23.4
333°27'10"	28.1
340°18'05"	43.6
346°32'05"	37.0
349°08'40"	37.7
349°38'	42.3
346°34'45"	45.9
346°57'15"	42.7
344°54'30"	46.7
342°49'30"	29.2
330°42'30"	23.8
326°18'35"	23.8
318°27'50"	21.5
316°47'25"	22.9

TABLE E CONTINUED

R BANK CLONCURRY RIVER POINTS

BEARING	DISTANCE
307°24'20"	21.7
310°09'20"	21.2
311°45'35"	19.0
324°54'20"	22.9
332°44'40"	18.8
358°28'	28.8
3°48'55"	26.9
9°27'40"	32.6
13°26'55"	28.2
10°39'05"	21.5
8°38'15"	45.0
356°41'	35.0
346°25'45"	30.2
341°14'30"	28.4
327°59'40"	38.3
329°15'	46.6
321°53'30"	32.9
327°15'55"	42.2
333°56'50"	25.4
327°37'55"	26.9
328°14'30"	22.3
328°06'35"	23.9
321°14'25"	20.5
315°07'	22.0
311°07'45"	21.2
308°25'05"	16.7
303°51'25"	21.4
290°33'20"	13.5
278°35'40"	19.6
280°33'40"	13.5
290°26'	12.3
297°13'50"	26.1
299°02'15"	34.0
315°00'05"	31.5
329°11'55"	30.7
343°18'05"	37.0
347°03'10"	45.2
348°59'45"	37.2
341°33'55"	44.9
332°28'30"	40.6
329°12'	30.7
321°20'25"	22.7
328°44'35"	23.4
314°10'10"	24.7
306°39'25"	27.2
291°48'	27.3
285°34'20"	32.1
276°13'35"	28.0
257°41'30"	28.5
259°28'50"	36.1
267°57'15"	14.2
273°45'05"	31.0
287°06'10"	20.7
304°04'40"	20.8
314°21'20"	31.9
330°06'05"	23.4
340°06'55"	25.3
345°48'35"	45.5
350°45'15"	44.2
352°14'05"	22.5
352°00'10"	61.9
340°46'40"	33.5
337°51'15"	31.4
335°23'45"	39.8
330°38'35"	43.4
328°12'	39.8
330°20'40"	53.3
327°35'15"	50.4
331°09'55"	42.9
330°35'05"	36.5
330°36'40"	33.7
330°33'15"	24.1
318°04'	26.8
314°37'30"	36.6
307°22'55"	37.8
300°37'45"	29.8
296°18'05"	32.8
289°46'30"	32.0
281°12'55"	40.0
276°10'10"	37.7
272°21'15"	24.7
262°52'30"	27.2
273°54'35"	20.2
306°15'20"	14.0
314°32'45"	26.8
314°59'55"	30.6
307°04'20"	29.4
316°39'40"	33.0
328°17'05"	35.4
334°42'30"	34.0
342°53'50"	50.6
346°40'30"	66.0
353°31'	37.0
358°18'55"	34.5
1°17'35"	45.0
4°38'40"	54.2
4°42'15"	53.6
1°19'40"	32.8
352°15'55"	27.6
345°57'50"	19.5
344°40'55"	45.2
337°52'40"	29.9
333°00'15"	26.8

TABLE E CONTINUED

R BANK CLONCURRY RIVER POINTS

BEARING	DISTANCE
328°06'35"	23.9

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R BANK CLONCURRY RIVER POINTS

BEARING	DISTANCE
339°44'55"	55.6
337°45'05"	60.2
334°58'55"	25.2
336°10'35"	42.7
341°56'20"	49.0
337°44'40"	42.7
335°07'10"	38.5
328°51'40"	28.4
315°00'05"	32.7
314°59'55"	43.7
313°45'30"	39.4
302°44'10"	25.3
318°43'	27.7
329°17'55"	18.9
342°10'50"	44.7
343°26'35"	39.1
352°27'40"	34.8
353°44'45"	37.2
345°10'25"	35.9
351°38'20"	37.7
345°10'25"	35.9
343°46'50"	29.0
327°52'25"	25.7
312°30'40"	33.0
300°22'45"	34.1
313°12'35"	45.9
316°55'50"	63.8
304°54'10"	26.6
297°33'10"	26.3
293°18'15"	35.9
293°21'20"	24.3
296°58'55"	31.3
309°28'15"	22.3
317°38'35"	46.6
311°16'40"	33.6
327°04'	35.4
338°38'35"	60.9
344°21'15"	53.4
347°44'55"	46.0
350°49'	57.2
352°48'05"	57.0
351°42'00"	45.6
354°17'25"	50.9
357°41'10"	50.2
2°09'10"	67.5
3°14'25"	53.8
5°05'30"	51.4
359°49'35"	62.5
355°06'05"	53.4
6°04'20"	47.9
1°03'40"	27.4
23°20'55"	21.9
35°48'10"	33.9
36°58'05"	26.2
34°13'	27.2
42°40'15"	19.6
41°54'20"	11.8
43°59'45"	27.2
39°48'20"	19.4
34°23'30"	13.9
24°46'40"	16.1
9°16'20"	29.4
8°35'50"	29.4
8°14'10"	25.9
359°44'40"	63.5
35°57'15"	65.2
35°01'35"	45.7
354°13'05"	68.3
357°26'40"	56.8
354°33'35"	64.2
359°10'55"	71.0
2°51'45"	60.9
6°12'15"	46.9
6°51'25"	80.7
12°39'10"	76.4
18°36'45"	70.2
17°01'15"	77.9
22°37'10"	88.9
24°16'25"	85.1
14°09'35"	73.7
15°56'40"	49.8
30°15'20"	31.7
51°42'40"	36.8
59°28'10"	34.4
63°43'05"	68.7
68°01'35"	46.7
82°24'20"	46.0
79°32'25"	50.3
72°28'25"	45.4
62°21'15"	54.1
55°12'15"	54.6
52°20'05"	54.7
49°11'05"	44.2
35°05'50"	34.4
21°17'10"	62.8
20°28'20"	60.9
18°05'	39.2
14°53'	53.6
16°59'25"	50.9
23°05'05"	44.8
20°08'10"	43.2
22°14'55"	48.2
37°18'40"	26.3

TABLE E CONTINUED

R BANK CLONCURRY RIVER POINTS

BEARING	DISTANCE
42°42'40"	29.9
32°46'25"	29.3
20°13'30"	20.5
11°35'30"	26.9
11°44'45"	34.9
19°48'	26.9
27°06'45"	47.5
23°52'	36.1
18°19'25"	27.6
16°55'40"	32.5
18°16'05"	36.6
21°48'05"	52.8
22°24'35"	35.5
28°36'40"	33.9
34°21'25"	33.2
34°52'35"	27.2
25°40'30"	19.5
17°43'05"	25.5
9°40'20"	30.2
6°58'55"	33.4
14°02'10"	22.3
25°59'50"	31.5
28°36'35"	31.8
18°26'10"	30.5
14°29'55"	30.4
131°40'	38.0
1°04'15"	54.2
358°10'50"	31.9
12°05'35"	21.8
48°22'05"	18.3
42°10'	36.2
48°10'40"	25.8
58°25'55"	49.4
55°04'	70.1
63°28'10"	43.1
60°15'20"	40.9
52°35'35"	21.7
34°01'10"	24.5
20°51'15"	34.2
14°14'20"	35.0
7°43'15"	60.4
35°57'15"	42.6
353°25'10"	39.8
340°47'15"	35.4
351°25'50"	37.4
356°21'55"	32.0
357°39'50"	24.9
343°28'25"	36.1
341°33'55"	43.3
335°13'30"	29.0
306°36'20"	22.1
294°26'40"	24.5
296°59'40"	30.1
298°55'40"	22.0
313°15'35"	11.8
316°44'10"	11.8
331°59'30"	54.0
328°32'05"	39.8
337°39'10"	49.3
335°48'15"	50.7
338°49'25"	40.2
337°42'10"	50.8
325°00'25"	33.0
329°35'20"	36.0
327°11'	43.0
331°58'35"	23.7
353°21'35"	30.0
315°10'	44.7
348°50'	68.6
6°20'25"	50.5
13°54'45"	56.9
11°13'30"	67.7
11°27'35"	38.3
25°45'50"	33.1
24°12'05"	33.0
24°26'35"	53.1
21°21'25"	56.6
23°57'50"	63.2
27°23'30"	41.9
28°04'55"	51.2
34°59'35"	28.9
35°38'20"	44.1
42°58'45"	40.6
45°20'30"	39.9
47°09'40"	50.7
44°13'10"	87.7
42°12'10"	51.4
51°53'35"	32.9
58°36'35"	35.0
53°07'50"	27.9
56°18'35"	21.9
73°18'	21.2
81°34'25"	41.5
74°36'15"	36.3
57°54'25"	35.3
52°18'25"	42.3
54°43'40"	25.5
54°38'15"	57.8
59°09'45"	39.5
72°29'25"	47.4
80°16'05"	30.7

TRAVERSES ETC

LINE	BEARING	DISTANCE
4-3	93°11'35"	60.37
9-8	5°18'55"	60.06
13-12	3°23'35"	64.67
15-14	32°46'25"	60.0
17-16	3°23'35"	63.405
25-80	22°55'35"	10679.945
26-186	310°02'30"	1381.995
27-26	275°17'25"	60.87
27-152	357°34'	2217.885
29-28	275°17'25"	63.5
29-10	22°08'45"	621.085
30-75	51°12'25"	6839.71
36-35	229°52'	867.865
51-52	275°22'	427.875
54-53	181°31'35"	96.83
57-56	277°28'	72.165
57-126	351°20'45"	2513.575
61-60	227°51'30"	89.39
61-610	36°27'15"	494.14
61-164	267°46'55"	2608.88
70-69	95°54'15"	99.91
72-73	94°14'10"	66.17
75-79	317°47'55"	4866.46
76-107	135°46'45"	225.37
80-148	35°24'40"	921.34
100-169	52°36'40"	1831.75
100-239	27°16'15"	177.47
100-240	62°53'40" calc	94.57 calc
101-100	59°22'45"	3025.775
102-101	46°16'15"	3035.66
103-102	37°39'45"	3003.24
104-103	36°16'10"	2951.88
105-121	48°25'10"	2423.385
106-105	44°22'10"	2952.065
107-200	320°51'15"	3026.235
108-107	21°41'05"	2740.952
108-109	196°54'05"	2973.0
110-116	36°34'25"	2693.82
112-113	219°13'45"	2920.105
113-114	223°00'55"	2971.015
114-115	235°21'20"	1586.615
116-254	52°35'35"	2122.16
117-118	53°02'05"	2888.52
118-119	10°49'05"	2903.07
118-119	340°48'25"	3025.105
119-120	21°36'20"	2958.765
120-121	18°39'55"	1864.085
122-100	19°52'15"	3091.305
123-122	349°57'20"	2835.975
124-123	313°12'35"	2964.75
125-124	356°57'35"	2899.42
126-125	356°51'40"	2947.645
133-132	67°14'10"	434.935
135-134	71°27'	340.865
139-225	50°48'25"	390.57
140-139	52°27'55"	798.925
142-141	38°26'	221.67
146-145	59°27'50"	914.095
147-146	339°40'05"	1882.975
148-147	344°11'20"	1170.435
148-159	275°05'50"	2784.25
148-251	341°22'	60.32
148-252	61°31' calc	61.87 calc
151-150	7°15'10"	3727.69
152-151	351°56'35"	2917.81
153-222	2°52'55"	1732.795
154-155	323°12'45"	3061.29
155-156	351°45'15"	3133.66
156-157	9°05'30"	3013.19
157-158	331°22'25"	2900.77
158-4	355°53'50"	2649.365
159-160	284°19'55"	2963.135
160-161	262°47'20"	2994.95

TRAVERSES ETC

LINE	BEARING	DISTANCE
164-165	266°26'10"	3015.775
165-166a	271°51'15"	3158.23
166-167	295°44'10"	3227.43
166a-166	266°09'20"	90.09
167-236	295°30'10"	62.735
168-172	53°21'05"	854.985
168-237	177°40'40" calc	80.53 calc
169-168	44°29'40"	2547.385
171-230	275°10'5"	2807.695
171-230	227°34'45"	2915.39
174-173	229°35'	2955.29
175-174	237°19'30"	2977.125
176-175	236°32'30"	2922.015
177-176	227°34'10"	1880.905
178-177	207°40'25"	2961.455
179-178	205°22'20"	2943.09
182-16	296°14'45"	2971.255
183-182	299°20'05"	2965.79
184-183	306°43'40"	2865.5
185-266	308°54'	1870.725
185-184	308°24'45"	2961.21
186-185	307°19'30"	2984.29
187-8	280°18'55"	2948.51
188-187	286°13'40"	3017.215
189-188	267°17'55"	2625.905
190-189	282°47'	2979.15
191-190	245°04'25"	2573.625
194-193	243°48'10"	3016.27
195-194	260°24'45"	3023.83
196-195	275°38'45"	2982.565
198-227	267°00'45"	3861.175
199-201	308°53'40"	3020.885
200-106	28°52'20"	2422.72
200-199	321°19'30"	1257.34
200-243	318°37'25"	63.745
201-202	295°10'55"	2881.235
201-248	104°07'40"	71.19
205-12	305°08'	3246.275
220-191	232°02'35"	3033.27
221-154	358°40'55"	1232.435
221-193	60°05'	2858.41
221-220	238°05'30"	73.655
222-221	3°04'10"	73.655
222-223	238°05'30"	73.655
223-220	3°04'10"	73.655
224-137	60°01'35"	8971.71
224-153	325°25"	2790.105
225-224	59°38'35"	72.84
226-196	266°57'40"	2150.375
227-226	273°38'20"	95.58
228-227	54°45'25"	95.58
228-229	273°38'20"	95.58
229-226	54°45'25"	95.58
231-230	29°10'35"	84.29
232-233	54°45'25"	137.35
234-67	54°45'25"	709.03
236-168	307°28'15"	101.54
241-121	66°51'35"	67.03
241-242	183°20'15"	90.61
244-110	34°40'45"	169.6
244-245	144°55'45" calc	63.95 calc
246-247	14°58'30"	61.68
248-249	160°16'20"	103.275
249-250	300°10'55"	93.17
250-201	340°58'35"	71.665
254-255	259°34'30"	199.4
254-117	54°15'30"	766.6
258-259	259°34'30"	73.985
258-109	195°28'40"	2542.075
263-264	278°53'25"	62.94
263-151	352°15'25"	1951.585
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**SURVEY REPORT**

**SURVEY PLAN SP287775**

The objective of the Donors Hills Station Freeholding Project is to achieve compliance with DNRME Offers 2014/0073799 and 2019/000882 whereas the subject allotment is to be fully and accurately dimensionally described with due consideration where necessary being in part given to CSR Section 3.34 (Remote Area Surveys) and DNRME Surveying Alert Issue 13 (dated: 21 November 2014) which outlines survey requirements for actions in support of freeholding/tenure conversion surveys.

**1.0 REMOTE AREA SURVEYS - ASSESSMENT OF SURVEY REQUIREMENTS**

Based on a review of the characteristics of the subject property, the surrounding natural surface topography and relevant built infrastructure, this firm has successfully sought in-principle approval from the DNRME for the relaxation of typically-applicable survey standards in conformance with the intent of CSR Sec. 3.34 & 3.38; as it has been demonstrated that the subject allotment meets the relevant assessment requirements with respect to the property's degree of relative remoteness, its lack of public infrastructure and the land's low unimproved capital value all combined with the reality that the surrounding properties are similarly largely unsurveyed (with the exception of contemporaneous projects SP280700 [2014/007388 Warren Vale Station] and SP287779 [2014/0073869 McAllister Station].

In this context it has been demonstrated that the full survey of the property boundaries in the areas specified below is inappropriate given the anticipated cost of full survey compared to the value of the subject land in question, the remote/low-traffic volume characteristics associated with various internal road reserves and the degree of difficulty associated with accurately mapping the physical feature (ambulatory) boundaries.

Accordingly the following areas have been nominated for specific CSR Section 3.34 application, namely :

- The three chain wide (60.35m) Donors Hills - McAllister Road reserve that dissects the northwestern section of the property as it heads in a generally northwards direction from its point of intersection with the Burke Developmental Road thence heading northwards through Donors Hills Station until intersection is reached with Warren Vale Station (Lot 59 on SK3), approximating 21.2km in length (note that the Donors Hills - McAllister Road is the only internal road reserve not having a width equal to 60m).
- The centrally dissecting Burke Developmental Road, heading generally south-southwest from its point of intersection with Warren Vale Station until exiting the property at the adjoining Camping & Water Reserve (Lot 1 on B144127) approximating 45.6km in length.
- The Augustus Downs Road that traverses the western section of the property as it heads in a generally westwards direction towards Burketown, commencing from its point of intersection with the Burke Developmental Road until intersection is reached with Talawanta Station (Lot 1 on TW6), approximating 14.1km in length.
- The Wondoola Road, which traverses the eastern section of the property as it heads in a generally eastwards direction, commencing from its point of intersection with the Burke Developmental Road (not gazetted) until intersection is reached with Wondoola Station (Lot 166 on SP276509), approximating a dedicated length of 13.2km
- Multiple abandoned (sometimes isolated - sometimes interconnected) road reserves presumably from the Cobb & Co era that dissect the property in all directions, totalling about 199km in extents
- The right-bank of the Concurry River (refer Stn's A-B-C-D) being a distance approximating 29.3km
- The left-bank of the Flinders River (refer Stn's E-F : being a distance approximating 12.4km), (refer Stn's L-M : being a distance approximating 9.7km) and the right-bank of the Flinders River (refer Stn's H-G : being a distance approximating 12.9km), and
- The left-bank of the Saxby River (refer Stn's H-I-J-K) being a distance approximating 11.0km

With respect to the above-nominated road reserves, this firm has sought approval from the DNRME to carry out the survey using the following alternative methodologies :

- That the underlying boundary co-ordinate system adopted by the firm during the execution of the totalised project shall be based on MGA94 (Zone 54) seed co-ordinates.
- That the centreline of the Donors Hills - McAllister Road, the Burke Developmental Road, the Augustus Downs Road and the Wondoola Road be observed via RTK GPS technologies and that the observed centreline shall then form the basis for the dimensioning of the respective nominal width road reserve via the use of calculated dimensions (as shown).
- That the remnants of the long-abandoned horse & buggy type tracks be identified where possible by PPK techniques and that the computed road centrelines (adopting the digital cadastre where necessary) shall then form the basis for dimensioning of the 60m wide road reserves via the use of calculated dimensions (as shown). Field evidence noted during the course of the current survey incorporated isolated wheel ruts, evidence of track windrows, stone-pitched creek crossings, old gate posts and/or cap rails, refuse mounds (e.g. broken bottles and detritus potentially associated with construction and/or travel, etc)
- That one-side of the road reserve boundary be marked as per standard practice with a durable survey monument (Type C PSM) at intervals approximating 3km and that these same survey monuments be co-ordinated with respect to the totalised survey via GNSS static techniques, providing for accurate cadastral database integration.
- That the intersection of the road reserves with other road reserves and/or the perimeter boundary be marked and fully dimensioned in the normal manner
- With specific reference to the Cloncurry River, the Flinders River and the Saxby River, that the previously un-dimensioned river bank distance connections be directly measured where necessary (in the context of the underlying project/boundary coordinate system being based on MGA94 seed co-ordinates)
- That the balance of the ambulatory boundaries be derived via reference to contemporary satellite imagery. In this context it was proposed that Landsat-8 (50cm Digital Globe imagery) be acquired in GDA94 format, that a DTM-type mesh be generated along the riverine environs, that cross-section profiles be extracted at appropriate intervals and that based on the analysis of the same cross section profiles, that the GDA94 location of the low-bank of each respective river - being the bank that typically contains normal drainage flows - be identified, extracted and converted to a series of polylines for boundary determination purposes. These same polylines have ultimately been transferred forward onto the accompanying River Points Tables (refer Sheet's 28 - 31).

As an independent method of positional verification, the polylines extracted from Digital Globe have been compared to satellite imagery sourced from the DNRME's Spatial Data & Mapping Unit (vide 1.5m Spot) with good agreeance being achieved (refer accompanying field notes).

**2.0 PHYSICAL FEATURE BOUNDARY SURVEY REPORT**

**2.1 DEFINITION OF NON-TIDAL WATERCOURSE BOUNDARIES**

It can be demonstrated that the Cloncurry River, the Flinders River and the Saxby River - being the water course features adopted where necessary for boundary determination purposes - each represent as Non-Tidal Watercourses.

In this context the natural feature boundary has been adopted as the ambulatory (physical feature) boundary partially defining the perimeter boundary of the subject allotment as follows :

- Cloncurry River (Right Bank) - Stn's A - D inclusive
- Flinders River (Left Bank) - Stn's E - F
- Flinders River (Left Bank) - Stn's L - M
- Saxby River (Left Bank) - Stn's H - K inclusive
- Flinders River (Right Bank) - Stn's G - H

Adoption of the natural features identified above as ambulatory boundaries on SP287775 accords with the non-tidal boundary location criteria listed in Sec.100 of the Survey & Mapping Infrastructure Act (2003) as each of the identified physical features represents as the top of the bank of the same watercourse systems, which are by inference natural features.

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Insert  
Plan  
Number

SP287775

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**2.2 DIMENSIONING OF NON-TIDAL WATERCOURSE BOUNDARY**

With respect to the river bank locations specifically at Stn's D, L, M, G, H & K; field measurements have been observed directly to the physical feature boundary, being the top of the well-defined river bank under normal flow conditions. By way of comparison, river bank locations specifically at Stn's A, E & F have been compiled from historical survey records. The balance of the ambulatory boundary features between A-D, E-F, L-M, H-K and G-H have been surveyed via photogrammetric measurement techniques as applied to contemporary satellite imagery as described below.

In compliance with CSR 3.38 (Surveys using Remotely Sensed Data), the position of the balance river bank boundaries have been digitised from publically-available satellite imagery (2010 Digital Globe - Landsat-8/50cm resolution) via photogrammetric processes; whereas cross-sectional profiles perpendicular to the direction of flow have been extracted at changes in breakline alignment and analysed for the purposes of accurately identifying the GDA94 location of the low-bank of each respective river system; being the river bank that contains normal flows within the bed and banks of the main river channel during normal flow conditions. The same GDA94 locations of the digitised river banks have been further independently verified via the cross-referencing of the extracted polylines against contemporary DNRME imagery (SPOTMaps 1.5m).

Accordingly, the natural features (top of river banks) adopted for boundary determination purposes on SP287775 accords with the non-tidal boundary location criteria listed in Sec.100 as follows:

- The features occur naturally, are within the channel but not within the bed of the respective watercourses and are all in reasonably stable locations. This is evidenced by the lack of variation in the position of the same river positions over long periods of time (refer here to 1: 100 000 National Mapping 7061 Milgarra, 7060 Donors Hill and 7059 Canobie; historical aerial photography (e.g. Donors Hill July 1966 & Croydon August 1967) and historical survey records, e.g. B144128 (1870), B144129 (1871) and WON1 (1922).
- The river bank features are not lines of intersection of a particular level of water flow with the land and are not transient in nature
- The nominated physical feature is the top of the respective river bank in each instance, being the natural feature that physically constrains water flows within the channel of the nominated ambulatory feature during times of normal flow conditions.

The adopted features are consistent with Sec.108(4) and Sec.108(5) in that they are generally no closer to the opposite side of the respective watercourses than the earlier location of the non-tidal boundaries as depicted on historical aerial photography/national mapping records and/or historical survey plans.

**3.0 BOUNDARY REINSTATEMENT REPORT**

**3.1 ADOPTION OF FENCING OCCUPATION AS BOUNDARY EVIDENCE**

With reference to notations on the face of WON4 it can be demonstrated that existent (1987) occupation fencing is to be adopted as the common boundary at the following locations:

- Warren Vale Station (SK3 aka DP28G700) and fenced boundaries (G-65-66), (69-1-2-3-4-5-6)
- Talawanta Station (TW6) and fenced boundaries (10-11)
- Wombool Station (also referred to as Talawanta Station) (TW5) and fenced boundaries (11-12-13-14-15-16-17-18-19-20-21-22-23-24)
- Wondoola Station (SP276509) and fenced boundaries (54-55-56-58-M)

The written informed consent of relevant adjoining land holders with respect to the surveying of shared common boundaries where necessary will comprise part of the Titles Office supporting document lodgement process.

**3.2 DETERMINATION OF PROPERTY BOUNDARIES**

Datum was initially established along the shared common boundaries with Warren Vale Station (Lot 59 on SP280700) and McAllister Station (Lot 5107 on SP287779) utilising GNSS static techniques with excellent agreement being achieved (65-1-2-5-6-7 inclusive).

With datum thus being established, the survey then continued in a general southerly (anti-clockwise) direction between Stations 7-24 inclusive, adopting the position of long-standing, substantial historical fencing for boundary determination purposes given that the same fencing is accepted by adjoining land owners for long-term pastoral management purposes. This boundary determination methodology is also deemed to be in accordance with the approach recommended by Brown<sup>1</sup> in comments offering guidance on boundary control via the consideration of artificial monuments and occupation in general (p150-155) whilst also partially reflecting the intent of WON4, as evidenced by boundaries (10-11-18-19-20-21-22-23-24), (54-55), (65-66), (69-1-2-5-6) and appropriate notations on the face of the same plan.

With particular reference to the southern boundaries of the Yellow Hole and Chester paddocks (21-22-23-24), occupation fencing was adopted at Stn 23 with the alignment of occupation fencing heading westwards (23-22) and deed distance vide WON4 being adopted.

Heading northwards from Stn 24 along (24-30-D) around the perimeter of the Camping & Water Reserve (Lot 1 on B144127), perpendicularity and parallelism as appropriate with reference to (23-24) has been adopted for bearing purposes until intersection was achieved with the right-bank of the Cloncurry River, with deed distance (24-25) being adopted vide WON4.

With particular reference to the Bullock and Flagstone paddocks (31-34-36-44-52) independent datum was established via the recovery of the ORT at Stn 45 and OSP Rmns at Stn 34; with a meridian swing of 0°00'35" between directly observed MGA94 and CAM-converted MGA94 being observed and excess of 1.025m (scale factor 1.0006 0398 399) being noted, in turn providing the basis for the full marking of the internally dissecting Stock Route. The search for additional historical survey infrastructure (38-34-31) and (45-52) via the application of deed dimensions has ultimately proved unsuccessful.

Heading northwards from Stn 51 (51-55-56-M) the as-constructed location of historical fencing has again been adopted for boundary determination purposes (refer to explanatory notes above) until intersection was reached with the Flinders River.

Continuing northwards, it can be demonstrated that the section of boundary shared between Donors Hills Station & Wondoola Station (K-62-61-60-59-L inclusive) is historically shown as originating at the confluence point marking the intersection of the left-banks of the Saxby River and Wondoola Creek then heading directly southwest until intersection is reached with the left-bank of the Flinders River (refer source documentation B144127 & B144129 and superseding plans PH1135, PH1136, et al).

The identification and reinstatement of this section of boundary has accordingly been carried out via (1) the accurate field determination of the said Point of Confluence thence (2) the running of boundary (K-L) via the direct, mathematical determination of the localised relationship between County Arbitrary Meridian (CAM - County of Stokes), True North and MGA94 Grid North and the adoption of the resultant bearing. Relative to B144127 and B144129 a shortage of about 597.47m is noted whilst a shortage of about 143.29m is noted relative to WON4.

The freeholding of Donors Hills Station has also triggered the need to define internal 3rd party property interests. The location of the current Telecommunications facility (Lot 1 on WON3) has been determined via the recovery of OIP's at Stn's 80 & 81 with minor excess being observed (20mm). No published survey information or government gazettal information exists in connection with the former Police Reserve (Lot 3 on PH1136), with its location subsequently being fixed upon instructions received from the DNRME, with its southern boundary (75-76) being deemed parallel to the northern boundary of the adjacent Camping & Water Reserve (Lot 1 on B144127) and offset by 340 chains. The east-west position of the Police Reserve has been fixed via the best-fit co-ordination of the remains of the nearby, abandoned Cobb & Co Track (76-77). Finally the location and bounding dimensions of the property locally referred to as Bang Bang Station (Lot 4 on PH1136) has similarly been determined upon instruction received from the DNRME given the absence of documentation evidence; being a rectangular shaped property with side boundaries of 3 miles x 1 mile in length, with a best-fit solution ultimately determined with reference to the non-linear reality represented by the adjoining northern boundary shared with Warren Vale Station.

**3.3 TENURE DEMARCATION**

The delineation and marking of the shared common boundary between Lot 2 and Lot 3 as shown hereon is in accord with Native Title Determination QUD685/2012 - Gkuthaarn & Kukatj People(QC2012/019) as determined by the Federal Court on 25th January 2018.

<sup>1</sup> Brown A.G., Law Relating to Land Boundaries & Surveying, ACSQ, 1980

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Insert Plan Number  
 SP287775

16013



## MOWBURN NOMINEES PTY LIMITED

Tuesday, 14 September 2021

To whom it may concern,

Mowburn Nominees Pty Limited is currently in the process of submitting an application to The Department of Resources for the Freehold of Lot 1 LA2 (a portion of the land locally known as Glenore).

Copies of documents supporting the application are attached for your information.

Please advise us of your views or requirements including any cultural heritage values that the Department should consider when assessing this application.

Objections to the application, and any views or requirements that may affect the future use of the land should accompany a full explanation stating the reason for the objection and should be forwarded to on to Mowburn Nominees Pty Limited.

Please complete the attached letter on your company's letterhead which is required to accompany our Freehold Application and return back to myself.

This information has been provided to you in confidence for the purpose of seeking your views on this matter. It is not to be used for any other purpose, or distributed further to any person, company, or organisation, without the express written permission of Mowburn Nominees Pty Limited.

Should you have any further queries please do not hesitate to contact me.

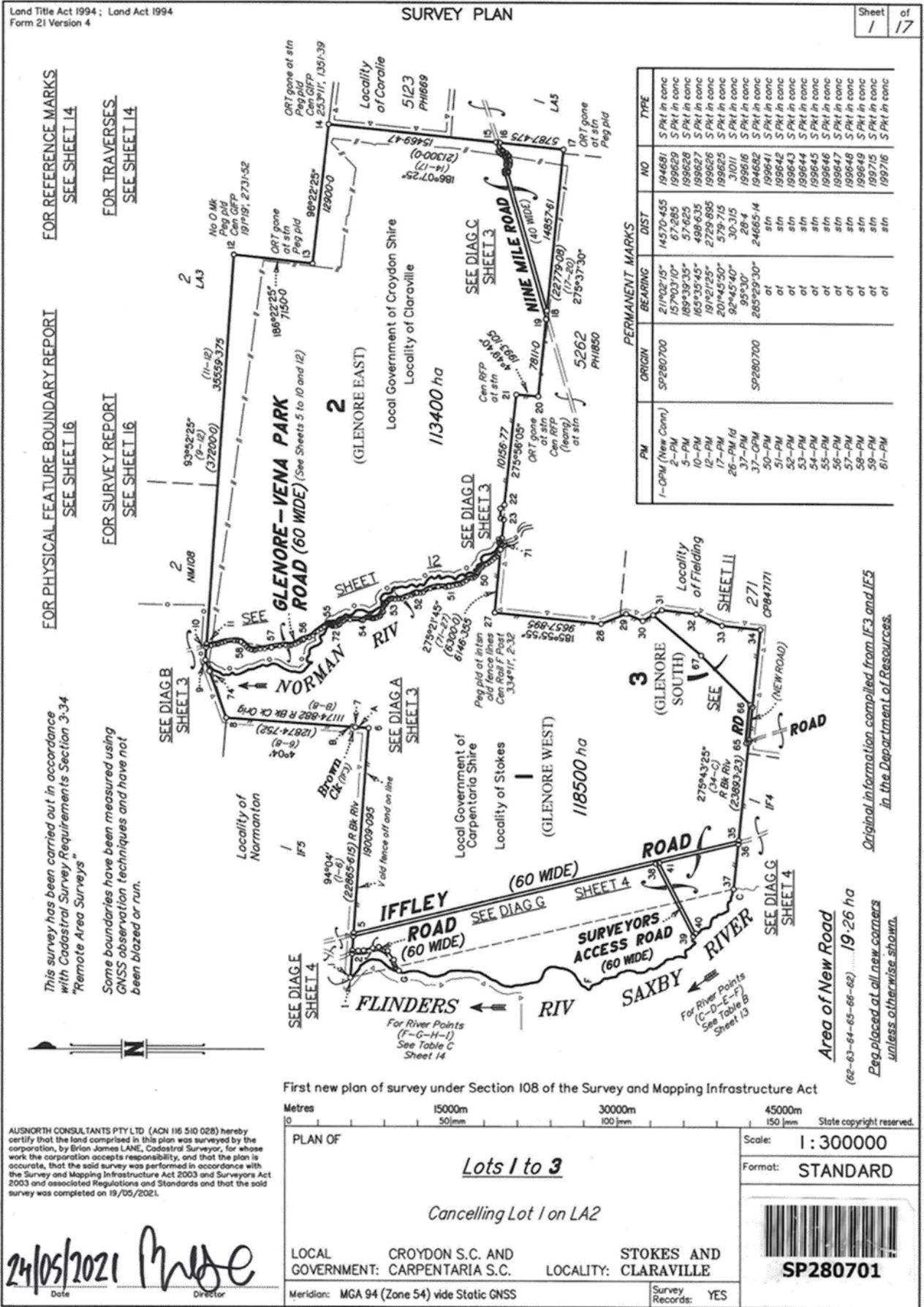
Kind regards



Cormac Hoch

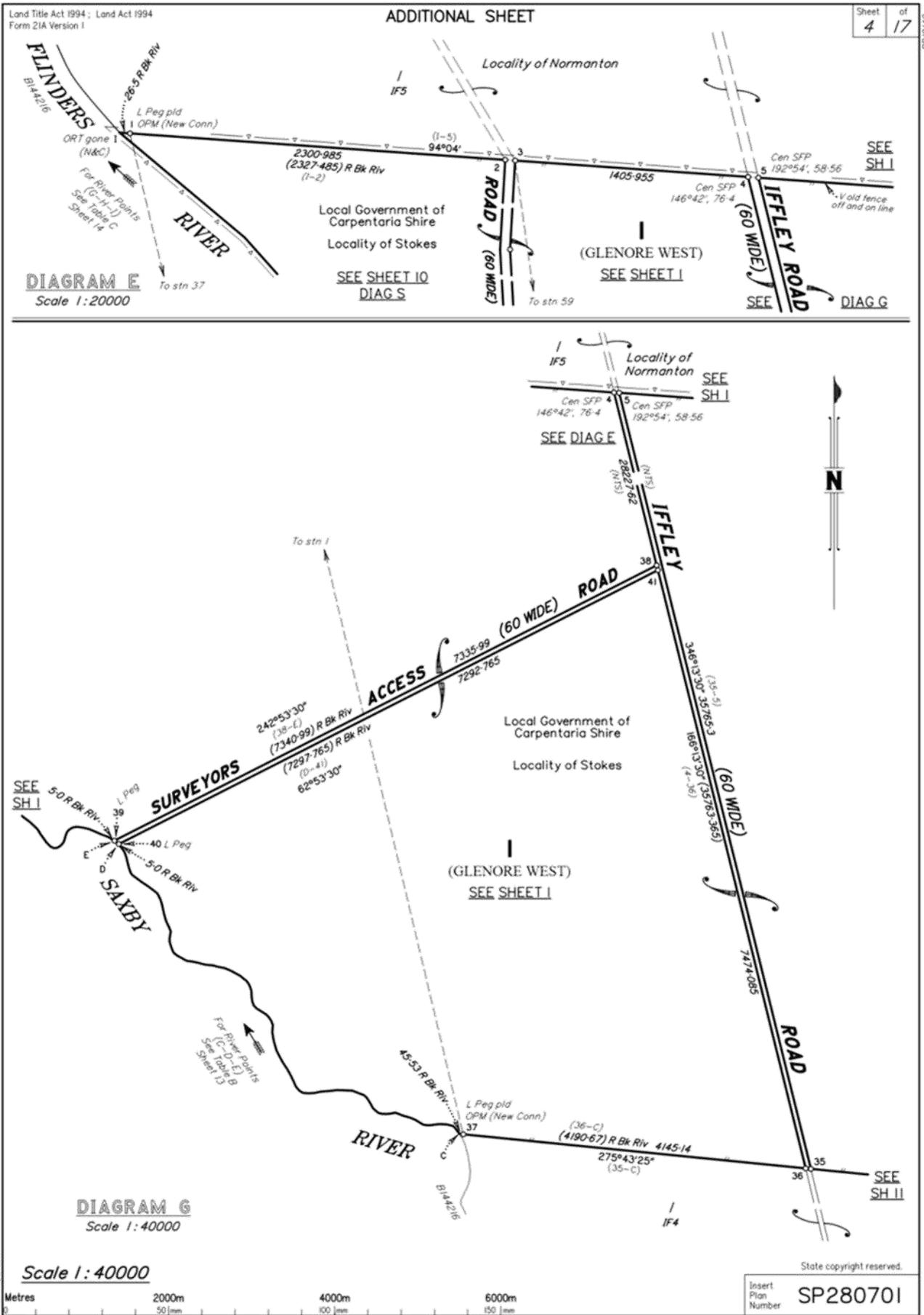
e: [cormach@stanbroke.com](mailto:cormach@stanbroke.com)

p: 0400617346



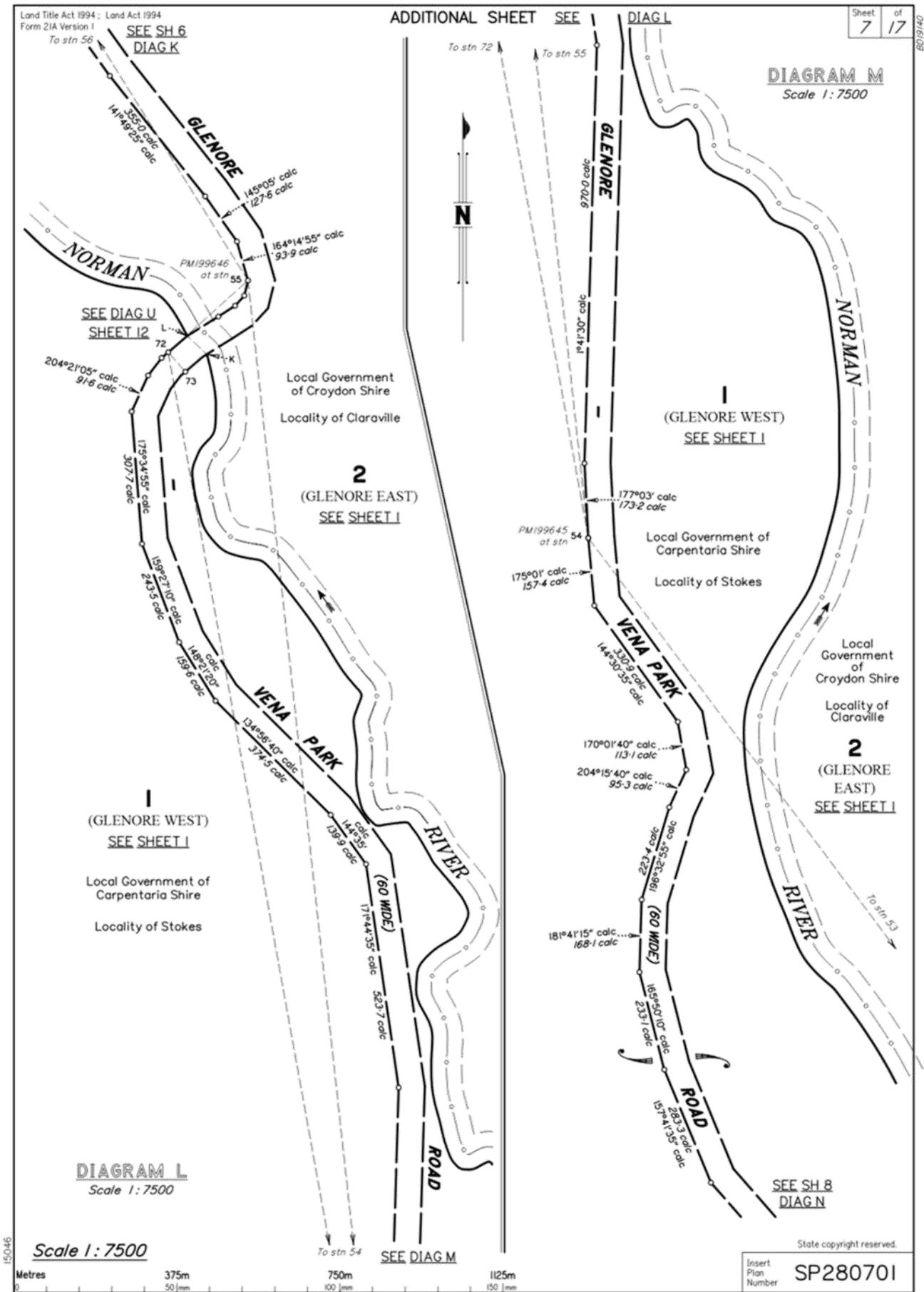




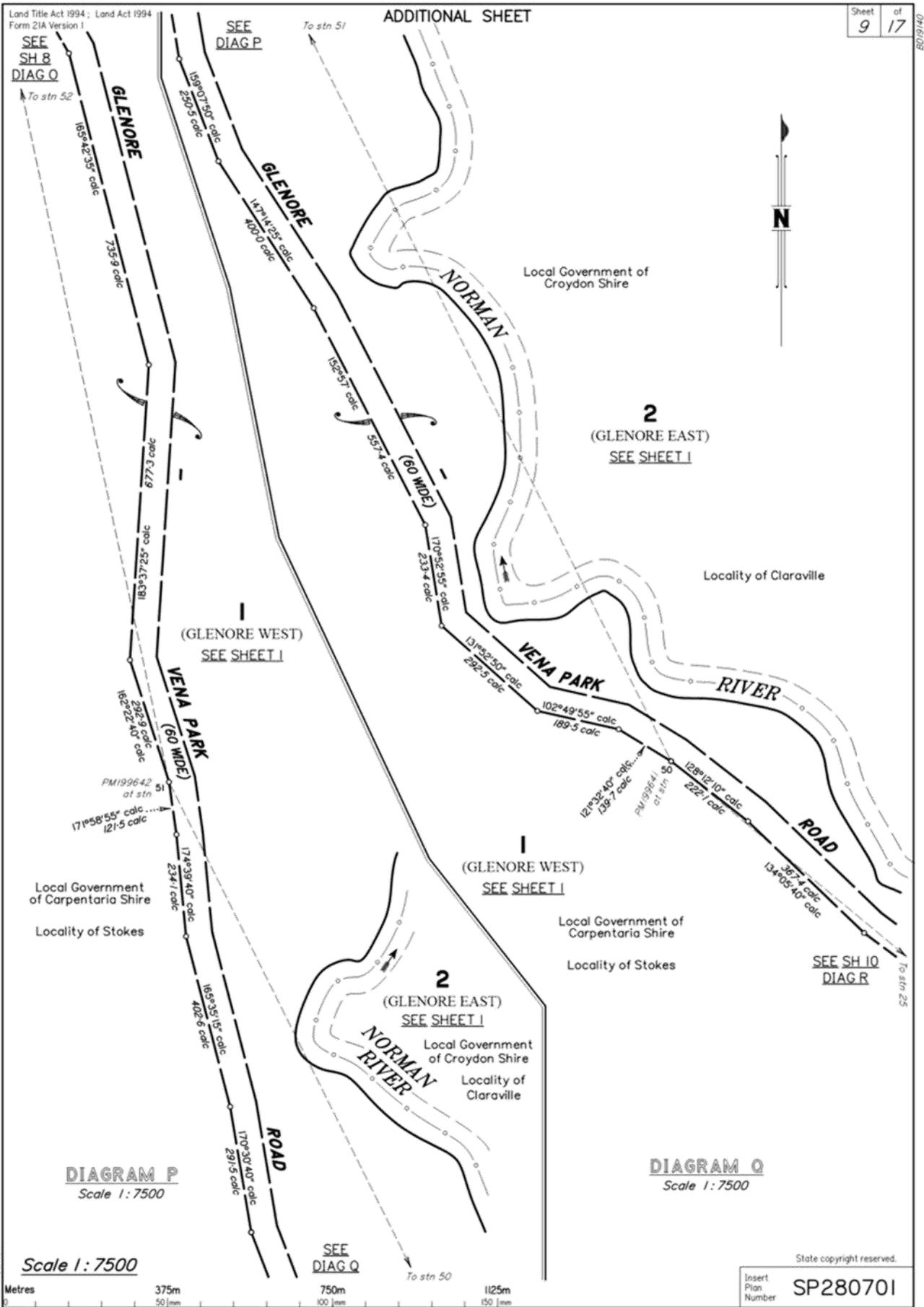


















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ADDITIONAL SHEET

Sheet 13 of 17

B019140

**TABLE B**  
**R BK SAXBY**  
**RIVER POINTS**

BEARING	DISTANCE
C 323°45'10"	42.6
324°51'55"	45.7
315°55'30"	30.3
289°23'50"	26.0
282°08'25"	60.9
272°23'05"	49.9
271°07'25"	52.9
263°31'05"	46.0
261°08'55"	42.7
267°46'20"	36.1
276°50'35"	46.5
296°33'50"	37.1
303°01'05"	77.2
293°11'55"	71.1
285°53'20"	85.9
292°11'55"	65.0
288°29'40"	37.4
259°14'55"	62.6
266°25'25"	50.7
272°25'50"	48.9
283°14'25"	44.3
309°05'40"	38.0
312°13'35"	49.3
332°19'40"	72.1
327°09'15"	73.2
314°18'35"	45.7
291°54'10"	81.4
290°59'35"	71.7
272°22'55"	82.1
271°46'50"	103.1
264°23'30"	87.6
265°12'	102.3
258°41'25"	87.3
266°23'10"	74.1
275°42'35"	62.6
301°15'50"	51.0
320°16'55"	65.8
336°31'45"	64.5
335°41'45"	79.4
330°51'05"	92.7
326°10'25"	90.9
331°25'45"	89.5
333°41'15"	79.0
344°20'25"	96.6
346°28'35"	54.1
351°44'55"	77.1
4°09'55"	88.1
337°26'25"	54.2
327°53'40"	46.9
316°14'45"	50.7
303°15'15"	56.8
302°03'40"	83.6
318°22'	46.9
339°15'15"	54.9
352°46'30"	55.7
358°13'	70.9
342°19'30"	49.6
334°20'05"	44.3
323°07'50"	41.5
308°22'05"	47.7
309°25'05"	49.0
298°57'50"	46.4
298°19'25"	80.7
293°08'20"	81.7
281°54'20"	88.0
285°33'	61.9
274°26'15"	60.4
278°07'45"	44.0
285°28'45"	70.0
282°05'40"	74.3
277°41'45"	67.8
299°05'25"	79.0
298°31'25"	54.3
309°48'20"	52.7
334°21'35"	34.1
340°18'35"	64.3
344°32'20"	46.3
359°14'45"	39.4
8°19'30"	43.0
10°06'55"	39.4
339°03'25"	51.3
334°17'50"	86.3
344°39'35"	91.2

**TABLE B Continued**  
**R BK SAXBY**  
**RIVER POINTS**

BEARING	DISTANCE
347°33'40"	108.4
343°48'40"	75.4
333°11'	79.4
308°58'	68.1
306°25'50"	81.3
303°32'25"	83.1
307°36'20"	90.9
306°12'35"	54.0
325°37'10"	35.8
340°20'45"	57.9
346°15'05"	75.3
347°13'45"	59.9
340°46'10"	70.9
324°06'25"	73.0
317°39'	43.0
315°19'15"	33.3 Conn only
299°02'10"	34.0 Conn only
316°52'15"	16.9
300°10'25"	77.4
290°13'30"	78.8
294°21'10"	81.2
293°07'45"	84.2
282°53'40"	66.3
279°12'40"	58.4
271°13'05"	36.6
255°57'50"	41.7
238°10'20"	53.1
214°22'50"	35.8
201°48'05"	37.7
194°51'35"	39.5
196°42'50"	44.4
219°22'10"	46.5
232°17'40"	37.1
240°50'50"	28.8
268°08'25"	35.5
293°34'30"	41.5
316°11'40"	78.3
325°06'25"	37.5
324°01'10"	70.2
328°45'10"	81.0
314°05'25"	69.4
311°53'40"	71.1
307°27'40"	75.5
310°01'50"	152.5
325°37'10"	71.7
335°54'15"	84.8
342°10'55"	103.0
339°36'35"	74.8
326°36'05"	84.8
297°59'15"	67.0
283°30'50"	59.8
274°34'25"	65.6
264°02'45"	83.0
260°43'55"	82.3
253°10'15"	111.0
252°01'50"	90.8
270°07'	59.9
296°54'55"	56.7
323°19'30"	45.6
353°17'25"	53.3
28°50'15"	73.2
11°59'05"	84.4
0°03'10"	43.6
14°44'35"	76.5
32°00'20"	73.4
0°11'45"	114.0
357°50'20"	82.6
350°45'15"	67.8
345°41'20"	78.7
353°47'05"	79.1
356°54'20"	28.8
346°42'55"	57.6
330°42'	73.0
322°57'30"	77.5
319°45'45"	79.5
333°08'40"	65.3
350°58'50"	74.5
390°50"	111.1
356°06'	103.0
352°41'40"	91.8
351°18'50"	85.0
343°08'30"	80.5
328°22'20"	93.5

**TABLE B Continued**  
**R BK SAXBY**  
**RIVER POINTS**

BEARING	DISTANCE
324°06'	57.2
318°00'45"	55.9
312°32'	51.2
290°56'05"	56.8
296°12'40"	56.4
306°52'10"	50.6
316°58'30"	47.9
332°37'20"	49.1
330°26'25"	60.0
332°32'55"	67.5
332°08'25"	61.6
320°38'55"	50.3
302°32'05"	53.6
305°48'10"	58.5
327°26'35"	60.0
338°19'30"	65.3
334°09'20"	55.4
316°07'25"	56.2
310°03'30"	46.8
313°56'40"	44.2
321°05'05"	50.9
347°05'25"	63.7
345°23'15"	66.7
344°11'	70.2
344°54'55"	67.3
358°15'50"	64.1
358°04'10"	68.5
10°07'50"	42.6
28°00'35"	27.6
35°26'	33.1
10°14'40"	43.8
355°43'25"	55.7
351°05'05"	53.6
339°22'55"	56.0
328°02'30"	66.7
321°44'10"	46.9
310°47'35"	47.5
310°46'40"	54.8
317°58'25"	56.6
316°53'50"	55.4
317°02'40"	61.7
328°17'05"	54.3
339°30'45"	50.4
341°12'05"	43.8
345°15'50"	49.2
349°41'40"	52.2
1°08'05"	52.4
5°52'55"	58.2
346°12'55"	51.0
341°01'05"	47.3
353°45'35"	33.4
16°29'	38.5
16°38'	41.9
31°2'45"	45.3
346°18'	47.7
348°10'45"	40.5
356°44'45"	62.0
16°47'50"	64.6
22°14'20"	71.5
42°52'45"	57.3
35°25'	49.3
12°54'05"	105.9
20°38'15"	67.5
11°37'05"	85.0
19°36'15"	60.3
17°31'35"	62.0
6°15'15"	57.2
0°42'55"	62.3
356°33'10"	64.7
356°27'55"	62.1
358°58'35"	58.1
375°53'55"	56.6
347°11'45"	46.8
338°19'05"	46.4
330°24'25"	48.3
322°10'20"	55.8
323°42'55"	50.9
336°43'15"	48.6
353°05'50"	49.7
3°12'20"	65.0
354°24'	53.2
333°00'45"	54.7

**TABLE B Continued**  
**R BK SAXBY**  
**RIVER POINTS**

BEARING	DISTANCE
341°33'55"	48.9
341°29'30"	57.4
331°25'55"	57.8
327°17'25"	83.5
321°14'20"	53.7
316°27'10"	53.9
313°16'45"	38.0
311°44'35"	40.2
297°56'40"	42.8
297°38'50"	43.7
302°34'30"	64.0
321°46'	43.6
328°55'15"	44.2
346°18'30"	57.6
357°27'20"	46.8
358°22'45"	55.0
358°10'25"	48.8
350°08'	48.5
345°18'40"	55.3
342°02'30"	49.4
348°16'55"	47.7
359°41'50"	32.7
0°0'	41.5
338°30'50"	52.4
340°29'50"	52.9
343°15'40"	48.0
355°38'35"	36.4
359°02'40"	41.5
356°56'30"	51.9
352°33'	45.4
349°41'45"	38.7
353°13'25"	35.2
353°59'30"	46.3
351°59'20"	41.0
10°03'	27.8
358°14'10"	25.9
348°19'55"	32.5
339°40'35"	29.9
329°25'15"	35.4
323°19'35"	40.5
323°07'45"	51.9
310°08'50"	52.0
312°20'10"	42.1
317°46'40"	43.5
301°09'35"	34.0
307°34'10"	34.0
315°0'	37.2
321°41'15"	35.7
318°10'45"	44.1
315°38'50"	47.0
316°28'10"	28.6
322°45'55"	43.5
326°03'50"	44.6
331°25'30"	44.1
343°16'45"	44.8
356°16'05"	47.8
352°46'35"	49.5
349°11'45"	46.1
343°28'55"	52.3
334°52'20"	43.2
334°08'30"	51.7
346°17'35"	65.7
345°51'40"	70.1
340°42'35"	55.0
333°56'45"	52.0
329°23'40"	42.8
321°54'40"	48.8
298°59'20"	43.9
303°10'40"	64.5
294°08'45"	49.5
285°25'20"	46.8
280°28'20"	46.2
286°15'	33.0
297°03'25"	36.0
323°26'20"	40.8
331°01'05"	47.0
350°38'05"	22.7
356°15'40"	35.4
3909'30"	33.5
18°36'10"	30.4
9°52'05"	25.1
35°28'55"	36.8

Riverbank Polylines (C-D-E-F) derived from Imagery : SPOTMaps Queensland AUS 1-5 captured between April and July 2012 with Pixel Sample Distance : 1.5 metres, Ref : Image © Airbus DS/Spot Image 2013, being the source image of DNRM map : CM167-7 of 27 May 2016. (See Report Sheet 16)

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Insert Plan Number **SP280701**

15046

0 50mm 100mm 150mm

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ADDITIONAL SHEET

Sheet 14 of 17

**TABLE C**  
**R BK FLINDERS RIVER POINTS**

BEARING	DISTANCE
43°40'30"	42.3
36°31'45"	37.2
41°19'45"	58.7
40°11'30"	88.7
42°21'25"	53.7
24°46'30"	66.9
22°22'50"	85.9
24°32'15"	59.0
29°48'	111.5
36°50'25"	89.6
55°12'15"	50.5
64°55'35"	108.8
59°50'05"	105.3
65°30'50"	86.4
53°32'55"	85.2
40°10'10"	78.4
53°24'50"	94.0
60°38'30"	100.0
56°58'35"	92.8
51°07'35"	98.0
59°02'10"	90.8
53°31'25"	84.9
49°16'30"	81.0
48°10'45"	76.3
39°03'45"	69.2
41°24'05"	70.3
41°22'15"	75.4
31°41'30"	70.1
29°54'50"	87.4
31°11'05"	69.2
34°55'05"	96.0
30°18'55"	73.3
24°53'25"	84.7
12°29'20"	52.8
10°50'50"	58.8
13°04'05"	85.7
14°41'20"	73.7
21°37'05"	49.4
22°58'20"	64.7
0°55'25"	72.5
4°45'50"	70.8
3°15'25"	85.2
5°03'20"	90.3
11°44'30"	107.4
18°15'45"	123.0
9°43'40"	124.4
8°07'50"	107.3
4°48'50"	111.3
2°43'35"	122.7
35°32'75"	112.8
34°52'30"	145.0
32°9'15"	146.8
33°41'30"	100.3
32°02'40"	107.6
31°43'35"	71.9
308°39'35"	90.8
299°03'15"	78.4
291°18'05"	80.9
293°21'20"	82.9
291°23'55"	64.0
286°58'45"	94.8

**TABLE C Continued**  
**R BK FLINDERS RIVER POINTS**

BEARING	DISTANCE
29°37'25"	88.3
292°04'05"	93.2
289°50'20"	76.7
298°26'35"	99.2
306°35'30"	128.0
312°30'40"	118.3
324°28'05"	153.9
338°07'35"	76.6
351°15'15"	68.3
347°41'50"	99.9
348°33'35"	112.5
347°32'20"	108.9
354°13'25"	89.4
352°07'	68.1
350°26'45"	106.3
350°16'35"	116.8
346°06'30"	111.9
346°47'55"	97.1
349°41'40"	104.4
348°28'35"	122.7
346°02'15"	121.5
352°05'50"	123.3
356°03'05"	108.2
355°40'05"	144.9
354°01'10"	184.9
348°37'	239.7
338°47'20"	131.0
346°31'10"	129.9
358°26'50"	114.9
7°05'50"	136.6
5°19'55"	131.9
5°37'50"	125.0
13°31'25"	142.3
14°58'55"	128.7
26°13'20"	130.8
29°44'40"	127.1
34°48'05"	133.3
37°13'40"	149.3
32°26'35"	119.0
29°05'40"	110.5
19°01'30"	119.4
20°26'15"	104.8
20°22'20"	124.3
23°29'55"	115.7
28°01'25"	97.2
34°31'45"	116.0
32°46'30"	101.4
35°24'25"	118.9
34°12'55"	105.9
28°55'35"	101.4
28°14'45"	124.7
28°19'30"	110.8
28°33'30"	91.2
31°02'	97.3
35°37'40"	76.6
30°44'05"	50.7
355°38'20"	111.8
7°10'45"	91.4
4°01'15"	201.7
9°10'10"	141.1
13°51'05"	156.1

**TABLE C Continued**  
**R BK FLINDERS RIVER POINTS**

BEARING	DISTANCE
13°16'35"	144.5
7°03'30"	123.5
0°0'	137.8
354°04'15"	144.7
2°43'	153.3
3°49'55"	168.3
9°38'25"	146.7
359°53'40"	135.0
356°36'	177.2
357°12'25"	143.8
359°43'40"	153.4
359°09'25"	79.4
356°20'55"	110.0
352°02'35"	109.6
340°20'40"	120.5
338°26'40"	117.2
332°46'50"	84.7
319°07'55"	64.5
320°46'	75.5
324°54'10"	128.7
341°18'35"	98.2
341°29'20"	82.8
342°42'40"	102.2
343°12'35"	125.8
337°30'45"	97.5
344°40'	100.1
349°24'55"	104.5
358°46'50"	146.4
2°00'30"	133.4
0°25'25"	105.1
0°31'45"	105.5
7°55'35"	124.2
8°26'40"	148.1
31°23'35"	67.4
32°19'10"	90.3
35°25'30"	92.7
25°44'25"	96.8
24°13'55"	130.4
19°01'35"	71.6
17°15'40"	144.3
14°07'50"	114.8
14°36'05"	95.7
19°09'35"	97.2
20°01'20"	79.5
13°55'	60.4
2°21'15"	75.8
1°13'05"	73.2
1°41'40"	87.7
4°28'20"	93.2
1°16'05"	79.3
355°36'05"	81.2
353°47'45"	96.0
353°35'20"	93.0
352°39'30"	85.3
349°43'45"	78.6
342°35'25"	64.2
341°26'50"	80.0
336°57'20"	75.6
344°56'45"	77.9
351°10'	77.7
357°36'10"	86.1

**TABLE C Continued**  
**R BK FLINDERS RIVER POINTS**

BEARING	DISTANCE
359°02'15"	92.6
6°07'45"	116.7
8°04'	182.2
16°35'55"	80.5 Conn only
16°35'55"	81.6
25°36'45"	112.9
26°22'10"	88.9
23°24'15"	113.7
24°03'45"	135.5
27°50'50"	93.3
30°34'45"	99.5
31°50'05"	92.4
34°49'50"	96.0
34°42'45"	90.7
36°39'20"	83.4
38°28'05"	72.6
37°29'45"	72.1
43°47'45"	101.9
42°55'45"	91.4
46°31'40"	82.6
41°50'25"	89.9
41°03'55"	104.3
34°17'15"	134.7
29°06'35"	156.8
15°13'	100.8
10°00'30"	107.5
3°40'40"	109.2
2°23'10"	93.4
7°34'05"	112.3
4°18'	103.8
1°25'25"	101.8
349°55'50"	84.6
344°20'15"	86.5
338°34'10"	89.5
331°13'55"	90.6
331°13'30"	108.3
330°26'50"	86.8
324°17'35"	92.0
327°16'50"	110.0
325°26'15"	85.1
325°09'35"	96.7
324°35'	128.9
325°55'20"	95.9
305°04'25"	89.4
284°39'25"	104.6
296°23'50"	119.1
299°14'	97.2
307°24'40"	92.7
313°03'45"	114.0
308°23'45"	105.3
309°51'15"	116.6
312°08'15"	88.2
312°23'05"	108.5
320°03'10"	81.2
319°48'40"	74.4
317°25'55"	65.6
320°10'35"	83.0
323°11'15"	68.7
325°38'	83.4

Riverbank Polylines (F-G-H-I) derived from Imagery : SPOTMaps Queensland AUS I-5 captured between April and July 2012 with Pixel Sample Distance : 1.5 metres, Ref : Image © Airbus DS/Spot Image 2013, being the source image of DNRM map : CM167-7 of 27 May 2016. (See Report Sheet 16)

TRAVERSES ETC

LINE	BEARING	DISTANCE
K-L	313°15'25"	62.02
	(Conn only)	
2-3	94°04'	60.05
3-59	172°05'50"	2404.485
4-5	94°04'	63.03
A-7	4°04'	301.752 Bol
7-B	4°04'	492.862
	R Bk Ck Orig	
10-11	93°52'25"	62.22
15-16	186°07'25"	43.055
18-19	275°37'30"	110.47
22-23	271°59'55"	1356.4
24-71	276°40'35"	560.095
24-25	276°20'	786.165
25-26	275°21'45"	67.865
25-50	313°34'40"	2975.03
35-36	275°43'25"	63.65
37-1	346°44'35"	35535.445
38-41	166°13'30"	61.66
39-40	127°05'25"	66.645
50-51	333°41'10"	2943.675
51-52	348°02'05"	2981.535
52-53	341°16'50"	2915.175
53-54	323°24'25"	2577.025
54-55	353°48'35"	3031.595
55-72	227°22'45"	189.99
55-56	328°07'35"	2760.605
55-L	227°47'30"	247.56
56-57	345°31'40"	2979.81
57-58	10°35'40"	2811.95
58-10	351°59'55"	3155.785
59-61	229°52'35"	2842.275
63-64	275°43'25"	65.96
72-73	139°09'10"	60.0
72-54	169°49'50"	2892.93

REFERENCE MARKS

STN	TO	ORIGIN	BEARING	DIST
G	ORT gone (N&C)	IF3	ot	stn
1	Pin		313°37'50"	10.665
1	Pin		83°24'55"	143.885
4	Pin		181°49'	1.02
5	Pin		274°0'	1.01
6	Pin		204°47'	10.035
6	ORT	IF3	329°12'	38.986
8	Pin		338°15'	0.945
8	Pin		237°06'	37.85
9	Pin		22°45'56"	4.47
10	Pin		106°31'	1.5
10	Grid &		164°57'	501.46
11	Pin		274°44'	1.005
12	Pin		98°57'	2.665
13	ORT gone	B144163	ot	stn
13	Pin		248°46'	8.74
14	ORT gone	B144163	ot	stn
14	Pin		236°52'	8.15
15	Pin		230°19'	4.6
16	Pin		156°0'	1.325
17	ORT gone	B144163	ot	stn
17	Pin		240°18'	3.84
18	Pin		182°38'	1.1
19	Pin		185°33'	1.665
20	ORT gone	B144163	ot	stn
20	Pin		52°08'	2.795
21	Pin		57°40'	10.21
22	Pin		46°19'	5.14
23	Pin		279°59'	1.57
24	Pin		319°01'	0.285
25	Pin		186°0'	1.005
26	Pin		94°30'	0.98
27	Pin		104°56'	5.0
28	Pin		192°32'	5.395
29	Pin		81°30'	1.095
30	Pin		80°36'	3.97

REFERENCE MARKS CONTINUED

STN	TO	ORIGIN	BEARING	DIST
31	Pin		79°48'	6.545
32	Pin		285°02'	3.095
33	Pin		62°31'	3.515
34	Pin		38°57'	1.98
35	Pin		333°15'	14.0
36	Pin		96°18'	1.005
37	Pin		104°18'	4.775
38	Pin		347°14'	1.0
39	Pin		63°54'	1.015
39	Pin		80°35'25"	78.825
40	Pin		62°34'	0.975
41	Pin		166°58'	1.005
41	Pin		84°15'45"	41.06
42	Pin		168°31'	0.98
43	Pin		190°58'	1.02
44	Pin		131°0'	1.02
45	Pin		337°25'	1.01
46	Pin		121°20'	1.0
47	Pin		356°13'	1.02
48	Pin		315°53'25"	19.645
49	Pin		10°11'	0.98
50	Pin		170°13'	0.64
62	Pin		27°55'	21.525
64	Pin		168°33'	0.825
64	Pin		338°03'30"	18.945
67	Pin		163°58'	3.215
68	Pin		3°51'	3.355
69	Pin		158°18'20"	6.485
70	Screw in rock		92°13'	4.15
71	Pin		273°13'	4.335
72	Pin		319°09'	9.785
74	Pin		3°28'	3.29

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ADDITIONAL SHEET

Sheet 15 of 17

E01940

TABLE D

TABLE D Continued

TABLE D Continued

TABLE D Continued

TABLE E Continued

TABLE E Continued

L BK NORMAN RIVER POINTS	
BEARING	DISTANCE
297°53'	32.8
286°00'25"	48.9
281°54'55"	48.4
257°09'55"	35.2
292°12'20"	68.9
287°36'	84.7
279°31'30"	65.6
292°50'05"	44.7
310°44'	61.9
301°31'05"	54.0
301°56'15"	133.8
293°03'45"	47.7
311°17'35"	66.4
304°44'10"	39.6
293°23'55"	49.2
326°48'30"	55.5
332°28'	126.3
335°20'05"	64.5
315°59'10"	89.3
328°36'05"	78.3
344°08'40"	116.0
3°03'15"	65.2
339°39'35"	94.9
340°49'20"	79.3
355°25'40"	76.2
348°03'15"	65.0
4°55'	40.5
351°09'10"	73.4
328°28'	44.8
333°40'10"	70.0
345°13'10"	29.3
344°13'15"	37.6
318°38'	35.1
309°14'40"	67.9
302°06'55"	87.3
293°12'	101.8
289°49'25"	71.9
262°49'50"	63.0
234°15'30"	76.1
257°40'50"	114.5
274°06'40"	88.5
295°13'10"	74.7
338°35'20"	43.1
329°46'25"	110.1
332°11'15"	83.7
348°10'45"	69.1
339°58'30"	44.8
315°36'30"	52.5
303°47'15"	64.3
282°52'	65.3
278°47'10"	87.5
272°24'	75.2
286°42'	61.6
312°56'30"	38.7
338°37'50"	58.3
356°55'25"	73.2
341°23'10"	39.4
315°31'55"	30.0
300°32'50"	27.8
247°32'40"	31.9
236°47'30"	91.2
266°44'15"	89.8
262°48'30"	40.8
308°58'45"	36.9
348°27'40"	153.3
19°34'30"	46.9
25°46'15"	63.3
18°10'35"	81.9
359°27'	81.8
356°34'40"	92.2
349°25'	57.8
335°16'25"	65.8
326°03'50"	50.7
318°13'	74.3
312°16'30"	40.9
285°33'05"	46.9
264°44'20"	30.0
236°36'45"	20.7
283°04'15"	45.2
305°13'50"	46.7
331°07'45"	48.0
331°07'15"	30.7
22°31'15"	73.2
29°15'	58.5
38°10'50"	58.5
66°26'50"	33.5
73°54'40"	42.6
59°17'20"	46.2
10°03'	47.3
0°31'45"	63.9
334°27'35"	98.5
347°03'15"	35.1
337°44'05"	54.0
337°45'10"	65.4
340°22'	77.2
313°18'35"	33.0
298°50'45"	114.9
311°32'15"	115.0
314°15'25"	64.2
286°20'50"	58.0
306°03'30"	55.4
339°26'45"	37.0
7°17'15"	43.4
19°48'	62.7

L BK NORMAN RIVER POINTS	
BEARING	DISTANCE
29°18'40"	51.4
50°21'30"	35.7
73°54'40"	42.6
94°03'15"	25.0
33°26'25"	74.9
21°44'25"	66.9
6°45'15"	90.3
14°53'20"	67.3
16°55'45"	75.6
6°53'30"	65.5
19°23'55"	59.2
358°58'40"	64.0
351°55'15"	44.3
351°52'15"	66.7
352°31'20"	51.4
338°29'20"	57.9
326°18'45"	46.1
324°44'40"	69.8
303°12'25"	51.7
18°33'30"	58.1
27°34'20"	50.1
357°55'10"	21.6
316°36'40"	69.3
300°02'05"	43.6
342°13'20"	76.0
8°02'55"	75.8
63°16'05"	60.3
79°21'45"	72.4
97°23'15"	64.2
77°26'25"	74.1
34°12'05"	49.0
355°17'10"	76.5
331°17'45"	56.5
311°57'30"	57.6
300°32'	102.9
322°38'	54.4
329°18'20"	86.6
337°46'55"	80.1
358°28'40"	73.9
35°42'05"	80.9
24°10'10"	77.8
54°42'10"	54.4
61°14'40"	55.2
351°52'15"	38.9
320°40'40"	81.1
317°14'50"	92.9
325°19'25"	81.7
335°37'30"	54.9
313°54'25"	20.5
290°55'30"	56.9
308°49'55"	41.1
326°10'15"	44.2
315°0'	48.6
300°22'50"	72.2
301°47'05"	74.9
298°23'40"	65.7
310°46'45"	82.5
304°07'45"	92.3
298°28'35"	52.4
301°33'45"	32.1
315°43'05"	44.2
324°05'30"	42.0
0°33'45"	39.8
1°13'35"	73.1
27°45'35"	25.2
50°35'05"	36.9
20°50'05"	47.2
23°04'45"	48.8
19°17'30"	33.1
7°26'55"	40.9
348°29'20"	25.5
312°16'25"	20.6
312°50'55"	43.5
327°05'45"	37.4
312°16'30"	89.0
317°24'55"	85.4
321°19'40"	46.7
312°30'45"	30.1
344°30'10"	28.5
11°53'25"	35.9
20°30'20"	60.7
33°34'55"	67.7
33°37'20"	63.0
33°33'25"	56.6
27°33'15"	89.9
45°59'15"	37.9
57°24'30"	33.5
348°27'25"	55.4
351°20'25"	70.6
349°02'50"	73.0
333°26'10"	54.8
313°45'30"	67.8
314°19'10"	54.9
328°43'45"	118.2
325°22'40"	60.2
344°09'	97.9
1°25'30"	110.7
20°36'50"	70.4
12°02'50"	96.1
17°05'	79.0
3°50'	82.4
349°17'50"	65.6
339°12'25"	83.1

L BK NORMAN RIVER POINTS	
BEARING	DISTANCE
343°44'10"	87.0
1°26'30"	62.5
329°23'55"	91.1
354°03'50"	91.1
355°21'05"	82.4
349°57'25"	54.1
17°34'20"	49.5
40°17'50"	67.8
342°01'55"	45.9
316°47'30"	71.2
335°34'50"	79.9
316°56'15"	57.6
279°51'35"	60.9
284°45'30"	91.1
277°46'	61.1
269°08'	51.9
307°34'10"	70.9
307°52'30"	44.8
335°59'30"	53.5
350°28'25"	85.5
333°56'10"	60.4
332°10'40"	48.0
354°28'25"	55.1
14°15'40"	73.4
10°24'30"	88.1
349°36'50"	36.0
329°14'30"	82.6
3°44'55"	96.2
335°21'25"	83.9
304°0'	91.1
304°26'05"	92.5
301°41'35"	48.9
313°42'45"	49.5
298°57'55"	44.6
324°36'25"	51.1
304°37'30"	28.0
285°11'45"	46.0
266°08'40"	48.9
248°37'50"	94.7
248°14'40"	128.6
257°50'10"	93.6
288°21'30"	64.4
278°02'40"	50.9
256°24'50"	67.6
284°13'05"	42.4
250°53'15"	58.6
261°46'30"	45.9
271°10'40"	80.0
293°45'50"	27.0
313°53'45"	50.2
343°00'35"	82.5
346°21'45"	73.0
338°47'	74.9
327°27'55"	56.5
330°19'05"	189.2
324°42'50"	163.6
316°02'35"	95.9
337°15'55"	93.6
337°37'15"	120.9
347°24'10"	146.9
346°07'55"	68.6
315°43'05"	102.3
6°53'55"	102.6
26°41'40"	82.3
28°50'55"	110.7
31°22'10"	90.0
18°26'10"	129.9
13°34'40"	112.0
0°22'55"	99.5
0°00'05"	114.6
353°56'10"	132.2
351°15'20"	118.9
342°29'30"	96.5
324°13'25"	44.3
294°49'50"	40.4
298°46'10"	41.9
324°14'50"	31.9
307°56'35"	47.0
295°20'50"	57.6
308°30'10"	34.1
334°45'50"	33.6
329°36'05"	42.5
330°39'10"	33.5
310°14'20"	9.3
244°08'05"	20.1
246°48'05"	20.9
273°14'30"	29.1
317°21'15"	28.3
339°13'45"	51.0
348°18'40"	48.7
356°09'05"	57.1
0°20'35"	91.8
336°18'25"	83.2
3°12'25"	68.6
40°13'15"	53.4
55°33'45"	69.7
25°52'05"	50.2
337°16'20"	44.0
321°02'45"	91.3
329°47'30"	79.3
322°11'40"	40.2
265°09'55"	71.5
318°38'05"	48.9

TABLE E Continued

L BK NORMAN RIVER POINTS	
BEARING	DISTANCE
347°18'30"	62.3
0°24'35"	76.7
354°03'50"	68.8
15°48'45"	64.3
321°47'50"	75.3
328°16'25"	102.1
324°18'40"	95.8
321°49'20"	81.5
310°54'55"	32.6
281°09'25"	39.6
289°02'50"	48.7
320°24'45"	73.9
344°52'	69.2
353°36'25"	63.9
21°07'35"	51.7
38°33'35"	48.3
3°38'	34.6
359°40'55"	66.3
347°46'10"	82.6

TABLE E

L BK NORMAN RIVER POINTS

L BK NORMAN RIVER POINTS	
BEARING	DISTANCE
329°34'55"	76.4
312°23'50"	51.2
280°29'35"	75.2
288°19'10"	85.4
302°22'30"	99.2
310°54'55"	97.9
303°36'20"	102.0
298°06'50"	90.7
310°56'55"	49.3
325°13'25"	28.0
295°05'05"	85.3
272°29'25"	63.1
282°31'50"	90.9
292°44'15"	62.4
296°21'25"	100.6
299°21'30"	110.6
289°27'25"	63.8
323°31'55"	47.0
337°54'05"	97.6
323°52'20"	67.8
343°27'30"	57.7
357°18'35"	64.2
318°03'35"	50.8
304°59'35"	46.8
284°21'	48.6
270°41'30"	45.5
257°35'05"	61.1
247°04'05"	92.8
241°34'50"	52.9
240°34'55"	83.6
249°16'35"	65.0
260°38'05"	53.9
285°31'30"	61.4
304°55'15"	70.8
317°19'25"	57.4
311°24'10"	123.4
324°09'15"	153.4
334°24'55"	164.9
338°01'50"	52.0
357°42'40"	54.8
343°55'05"	63.3
327°13'45"	84.3
330°53'30"	184.2
332°35'35"	83.3
339°36'15"	51.9
315°00'05"	59.7
294°31'	109.6
291°21'35"	105.3
275°47'	87.4
268°58'30"	76.4
274°18'35"	80.2
274°34'30"	55.0
279°08'30"	72.3
298°40'55"	89.1
303°36'50"	111.8
310°12'15"	55.6
302°28'	43.2
291°54'15"	57.3
283°09'10"	60.2
276°07'05"	46.3
268°31'55"	42.7
262°52'35"	53.0
251°34'	69.3
241°52'40"	72.1
221°29'55"	38.0
184°03'30"	39.7
182°38'35"	35.6
214°57'10"	62.2
194°02'15"	56.5
173°46'30"	30.3
169°33'	57.4
182°17'30"	41.1
167°59'25"	52.6
312°22'55"	59.3

L BK NORMAN RIVER POINTS	
BEARING	DISTANCE

Land Title Act 1994; Land Act 1994  
 Form 21A Version 1

ADDITIONAL SHEET

Sheet of  
 16 17

B019140

SURVEY REPORT

The objective of the Glenore Station Freeholding Project is to achieve compliance with DNRME Offers 2014/007389 and 2019/001485 whereas the subject allotment is to be fully and accurately dimensionally described with due consideration where necessary being in part given to CSR Section 3.34 (Remote Area Surveys) and DNRME Surveying Alert Issue 13 (dated: 21 November 2014) which outlines survey requirements for actions in support of freeholding/tenure conversion surveys.

1.0 REMOTE AREA SURVEYS - ASSESSMENT OF SURVEY REQUIREMENTS

Based on a review of the characteristics of the subject property, the surrounding natural surface topography and relevant built infrastructure, this firm has successfully sought in-principle approval from the DNRME for the relaxation of typically applicable survey standards in conformance with the intent of CSR Sec. 3.34 & 3.38; as it has been demonstrated that the subject allotment meets the relevant assessment requirements with respect to the property's degree of remoteness, its lack of public infrastructure and the land's low unimproved capital value all combined with the reality that the surrounding properties are similarly largely unsurveyed (with the exception of Milgarra Station - LOT 1 on IF5 (1924)) and the network of late 19th century pastoral leases as evidenced by antecedent survey plans B144157, B144163, B144164, B144216 and B144241.

In this context it has been demonstrated that the full survey of the property boundaries in the areas specified below is inappropriate given the anticipated cost of full survey compared to the value of the subject land in question, the remote/low-traffic volume characteristics associated with various internal road reserves and the degree of difficulty associated with accurately mapping the physical feature (ambulatory) boundaries.

Accordingly the following areas have been nominated for specific CSR Section 3.34 application, namely:

- The centrally dissecting, formed pavement represented by the Glenore-Vena Park Road, heading generally southeast from its point of intersection with Broadwater Station (LOT 2 on NM108) until exiting the property at Yappar River Station (LOT 5262 on PH1850) approximating 30.1km in length.
- The long-abandoned Cobb & Co era road reserve that heads generally southwest from its point of intersection with Milgarra Station (LOT 1 on IF5) until exiting the property at the former Flinders River crossing opposite Magowra Station (LOT 2 on CP818214) approximating 5.4km in length.
- The right-bank of the Saxby River (refer Stn's C-F inclusive) being a distance approximating 19.1km
- The right-bank of the Flinders River (refer Stn's F-I inclusive) being a distance approximating 24.6km
- The left-bank of the Norman River (refer Stn's J-M inclusive) being a distance approximating 16.9km

With respect to the above-nominated road reserves, this firm has negotiated approval from the DNRME to carry out the survey using the following alternative methodologies:

- That the underlying boundary coordinate system adopted by the firm during the execution of the totalised project shall be based on MGA94 (Zone 54) seed co-ordinates
- That the centreline of the Glenore - Vena Park Road be observed via RTK GNSS technologies and that the observed centreline shall then form the basis for the dimensioning of the 60m wide road reserve via the use of calculated dimensions (as shown)
- That the remnants of the long-abandoned Cobb & Co type track be identified where possible by PPK techniques (where not accessible by 4WD) and that the computed road centreline shall then form the basis for dimensioning of the 60m wide road reserve via the use of calculated dimensions (as shown). Field evidence noted during the course of the current survey incorporated isolated wheel ruts, evidence of track windrows, refuse mounds (e.g. broken bottles and detritus potentially associated with construction and/or travel, etc). Where field information pertaining to the road corridor alignment is lacking or where the former road pavement has been obliterated over time, then the digital cadastre has instead been adopted.
- That one side of the road reserve boundary be marked as per standard practice with a durable survey monument (Type C PSM) at intervals approximating 3km and that these same survey monuments be coordinated with respect to the totalised survey via GNSS static techniques, providing for accurate cadastral database integration
- That the intersection of the road reserves with other road reserves and/or the perimeter boundary be marked and fully dimensioned in the normal manner
- With specific reference to the Saxby River, the Flinders River and the Norman River, that the previously undimensioned river bank distance connections be directly measured in the field where necessary (in the context of the underlying project boundary coordinate system being based on MGA94 seed coordinates)
- That the balance of the ambulatory boundaries be derived via reference to contemporary satellite imagery. In this context it was proposed that Landsat-8 (50cm Digital Globe imagery) be acquired in GDA94 format, that a DTM-type mesh be generated along the riverine environs, that cross section profiles be extracted at appropriate intervals and that based on the analysis of the same cross section profiles, that the GDA94 location of the low-bank of each respective river - being the bank that typically contains normal drainage flows - be identified, extracted and converted to a series of polylines for boundary determination purposes. These same polylines have ultimately been transferred forward onto the accompanying River Point Tables (refer Sheet's 13-15).

As an independent method of positional verification, the polylines extracted from DigitalGlobe have been compared to satellite imagery sourced from the DNRME's Spatial Data & Mapping Unit (vide 1.5m Spot) with excellent agreement being achieved (refer accompanying field notes)

2.0 PHYSICAL FEATURE BOUNDARY SURVEY REPORT

2.1 DEFINITION OF NON-TIDAL WATERCOURSE BOUNDARIES

It can be demonstrated that Brown Creek, the Saxby River, the Flinders River and the Norman River - being the water course features adopted where necessary for boundary determination purposes - each represent as Non-Tidal Watercourses.

In this context the natural feature boundaries have been adopted as the ambulatory (physical feature) boundary partially defining the perimeter boundary of the subject allotment as follows:

- Brown Creek (Right Bank) - Stn's A-B
- Saxby River (Right Bank) - Stn's C-D & E-F
- Flinders River (Right Bank) - Stn's F-G & H-I
- Norman River (Left Bank) - Stn's J-K & L-M

Adoption of the natural features identified above as ambulatory boundaries on SP280701 accords with the non-tidal boundary location criteria listed in Sec. 100 of the Survey & Mapping Infrastructure Act (2003) as each of the identified physical features represents as the top of the bank of the same watercourse systems which are, by inference, natural features.

2.2 DIMENSIONING OF NON-TIDAL WATERCOURSE BOUNDARY

With respect to Brown Creek (Stn's A-B inclusive) the creek bank boundary location has been compiled from original field notes as derived from primary source documentation (IF3) (1924).

With respect to the right-line boundary river bank location intersections - specifically at Stn's C - E inclusive and Stn's G-M inclusive - field measurements have been observed directly to the physical feature boundary, being the top of the well-defined river bank that defines normal flow under normal flow conditions.

In compliance with CSR 3.38 (Surveys using Remotely Sensed Data), the balance of the intermediary ambulatory boundary features between C-D, E-F-G, H-I, J-K and L-M have been surveyed via photogrammetric measurement techniques as applied to contemporary satellite imagery as described above (refer Sec 1.0) with cross-sectional profiles perpendicular to the direction of flow being extracted at changes in breakline alignment and then analysed for the purposes of accurately identifying the GDA94 location of the low-bank of the Saxby River, Flinders River and Norman River respectively.

Accordingly, the natural features (top of river banks or creek banks) adopted for boundary determination purposes on SP280701 are in compliance with the non-tidal boundary location criteria listed in Sec. 100 as follows:

- The features occur naturally, are within the channel but not within the bed of the respective watercourses and are all in reasonably stable locations. This is evidenced by the lack of variation in the position of the same river positions over long periods of time (refer here to 1:100 000 National Mapping 7060 Donors Hills, 7061 Milgarra and 7161 Browns Creek; historical aerial photography (e.g. Croydon 1967, Croydon 1999, Donors Hills 1966, Donors Hills 1968 & Donors Hills 1998) and historical survey records where relevant, e.g. IF3 (1924)
- The river bank features are not lines of intersection of a particular level of water flow with the land and are not transient in nature
- The nominated physical feature is the top of the respective river bank in each instance, being the natural feature that physically constrains water flows within the channel of the nominated ambulatory feature during times of normal flow conditions.
- The adopted features are consistent with Sec 108(4) and Sec 108(5) in that they are generally no closer to the opposite side of the respective watercourses than the earlier location of the non-tidal boundaries as depicted on historical aerial photography/national mapping records and/or historical survey plans.

CONTINUED ON SHEET 17

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Insert Plan Number  
**SP280701**

15/04/6



Land Title Act 1994; Land Act 1994  
 Form 21A Version 1

ADDITIONAL SHEET

Sheet of  
 17 17

B019140

3.0 BOUNDARY REINSTATEMENT REPORT

3.1 REINSTATEMENT OF HISTORICAL BOUNDARIES & PATENT SURVEY ERRORS

The northern boundary of the East Flinders Paddock & Blitz Paddock (1-6) and the western boundary of 40 Mile Paddock (6-8) - being the shared common boundary with Milgarra Station (LOT 1 on IF5) represents as the only section of the entire perimeter boundary of Glenore Station that has been previously surveyed (excluding the 1880-1890 10 Mile Pastoral Run Surveys, e.g. B144157, B144163, B144241, etc).

With particular reference to the east-west boundary (1-6) historical plan IF3 (1924) measures the same boundary as being 23 536 656m (which was subsequently carried forward via compilation onto IF5 (1986)). Subject plan LA2 (1985) however dimensions the same boundary as being abt. 22 600 0m - a shortage of 936 656m. This substantial disagreement in boundary descriptions has meant that the recovery of historical survey evidence becomes even more important. In this context the ORT at Stn 6 was duly identified and measured - and via the application of CAM/MGA94 bearing conversions - enabling the re-measurement of the same boundary via combined GNSS Static & RTK techniques. Accordingly the same boundary has been dimensioned as shown on SP280701 (22 865 615m) representing as a shortage of about 671 04m relative to IF3 (or nominal excess of about 265 6m relative to LA2).

This firm can offer no explanation as to the logic behind the original IF3 & IF5 dimensioning of this same line other than that a gross, unchecked error was introduced into the 1924 survey work, which was in part recognised during the preparation of LA2.

No other historical survey evidence was found in relation to IF3, meaning that boundary (6-1) has been determined via deed bearing intersection with the Flinders River (in the manner described above) whilst boundary (6-8) has been wholly reinstated via retention of deed dimensions vide IF3 (with the exception of the Brown Creek boundary which has been discussed above).

3.2 ADOPTION OF FENCING OCCUPATION AS BOUNDARY EVIDENCE

With reference to notations on the face of LA2 it can be demonstrated that existent (1985) occupation fencing is to be adopted as the boundary along (28-64) inclusive, being substantiated via reference to CP847171 (1992).

Further to the above and with particular reference to Green Swamp Paddock (27-71-J), Jumble Hole & Cobbs Paddocks (3-22-21-20) - and based in part on the analysis of LA2 and PH1850 it can be demonstrated that there is a clear intention for the shared boundary to veer off-alignment and nominally enclose ephemeral waterhole features within the Norman River and Yappar River respectively. Heading generally west from Stn's 20 (20-21-22-23) existing historical fencing has therefore been adopted for the purpose of defining the common boundary between Glenore & Yappar River Station in addition to the irregular boundary in the vicinity of the Yappar River (22-23) in accord with the approach recommend by Brown<sup>1</sup> in comments offering guidance on control by artificial monuments (on a case-by-case basis) and common-law precedents supporting the adoption of fencing occupation for boundary determination purposes.

Given the absence of appropriate fencing infrastructure, "deed" distance dimensions have been adopted heading further westwards from Stn 23 for the balance shared boundary between Glenore & Yappar River Station (23-24-69-70-71-27-28) whilst adopting the fenceline alignments (23-24), (71-27) and (27-28) as per the Brown Methodology.

3.3 PREVIOUSLY UNSURVEYED & UNMARKED BOUNDARIES

With reference to DNRME Surveying Alert Issue 13 and as a general rule, it is noted that the recommended practice for the surveying of boundary corners which have not been previously marked is to simply carry forward the previous dimensional descriptions, in this case being Survey Plan LA2.

With respect to subject Survey Plan LA2 it can be demonstrated that the bearing meridian adopted for localised boundary description purposes is Country Arbitrary Meridian<sup>2</sup> (CAM) as referred to the County of Iflley.

In this context - and with particular reference to boundary (9-12) - a direct mathematical relationship can be computed for the nominal difference between CAM (Iflley) and MGA94 (Zone 54), being +4°03'50".

Closer inspection of the published survey record however reveals that Glenore Station - east of the Norman River - is in fact located within the (former) County of Lamington, with an alternative bearing relationship solution able to be calculated between CAM (Lamington) and MGA94 (Zone 54), being +4°10'55".

The wholesale adoption of "deed" dimensions published on LA2 east of the Norman River for the balance boundaries on the current plan (9-12-13-14-17-20 inclusive) thence rotated onto MGA94 via the CAM(Iflley) correction yields a nominal misclosure of about 244°56' & 63 9m. Alternatively, the application of MGA94-corrected CAM(Lamington) bearings results in a nominal misclosure approximating 0°03' & 33 7m.

In consideration of the above alternative solutions, the adoption of the mean value of the CAM(Iflley) and CAM(Lamington) meridian rotations yields a nominal misclosure of about 277°21' & 28 8m and best preserves the closing bearing of boundary (17-20). Given the minimisation of "deed" misclosures, the "deed" dimensions depicted on LA2 thence rotated onto the mean of the CAM bearings for the Counties of Iflley & Lamington has accordingly been adopted for boundary identification & monumentation purposes for boundaries (9-20 inclusive) with the exception of part of the shared boundary between Glenore & Yappar River Station (17-20) whereupon the inverse, balance closing distance has been instead adopted, being only +29 08m in excess of the same "about" distance published on LA2.

3.4 TENURE DEMARCATION BOUNDARY

The delineation and marking of the internal boundaries shared between Lot's 1 - 3 inclusive as shown hereon is in accord with Native Title Determination QUD685/2012 - Gkuthaarn & Kukatj People (QC2012/019) as determined by the Federal Court on 25<sup>th</sup> January 2018.

<sup>1</sup> Brown A.G., Law Relating to Land Boundaries & Surveying, ACSQ, 1980

<sup>2</sup> A meridian reference system which approximated the average value of Magnetic North in each County (i.e. incorporating the mean magnetic declination/variation from True North relative to the Initial Point in each County).

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Insert Plan Number  
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## **BUSINESS PAPERS**

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### **8.3 GULF ACADEMY MOU**

<b>Attachments:</b>	8.3.1. Gulf Academy MOU <a href="#">↓</a>
<b>Author:</b>	Mark Crawley - Chief Executive Officer
<b>Date:</b>	14 October 2021
<b>Key Outcome:</b>	A well governed, responsive Council, providing effective leadership and management, and respecting community values
<b>Key Strategy:</b>	Maintain a focus on integrity, Accountability and Transparency in all that we do

---

#### **Executive Summary:**

Correspondence has been received from the Project Manager for the Gulf Academy Initiative which includes a Memorandum of Understanding for the Gulf Councils, Bynoe CACS Ltd and the Carpentaria Land Council Aboriginal Corporation

#### **RECOMMENDATION:**

That Council provide the Chief Executive Officer with any concerns in relation to the proposed MOU and authorization to Mayor Bawden to sign the MOU on behalf of the Council when the MOU is finalised.

#### **Background:**

The Gulf Academy Initiative was funded under monies provided by Gulf Savannah Development under the Remote Area Board funding. A Strategic Review was completed in March 2021 and Business Case and Implementation Plan compiled and submitted in June 2021 by Consultants John Robinson Consulting Services.

A Working Group is established to progress the initiative and an MOU proposed to engage the Gulf Councils, Bynoe CACS Ltd and CLCAC.

Through our engagement to date, we have encouraged the use of the TAFE facility as part of the initiative to ensure this facility is best utilized.

#### **Consultation (Internal/External):**

- Gulf Academy Working Group
- Gulf Savannah Development
- Mayor Jack Bawden

#### **Legal Implications:**

- Proposal to continue with the Co-design model which supports all parties working together. No legal implications identified at this early stage.

#### **Financial and Resource Implications:**

- The MOU indicates “e. Provide financial and other support to progress the Gulf Academy, as appropriate and agreed.” While we do not have an indication of the level of financial and other support the risk is assessed as medium.

## **BUSINESS PAPERS**

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**Risk Management Implications:**

- Workplace Health and Safety Risk is assessed as low
- Financial Risk is assessed as medium
- Public Perception and Reputation Risk is assessed as low



## Memorandum of Understanding Gulf Academy

### Preamble.

The Gulf Academy is described as:

*A community-controlled centre of excellence made up of a number of integrated parts and established to nurture young people from across the Gulf region in a culturally appropriate, holistic environment that focuses on their cultural, social, and emotional needs - providing them with quality education and training to support their transition into adulthood and employment.*

Its aim is to produce:

*Self-reliant adults capable of competing equitably for employment, business, educational and cultural opportunities within the region and beyond.*

It will result in a culturally, socially and economically strong Lower Gulf region.

The approach to developing and implementing the Gulf Academy will be a participative one, developed through processes of shared decision making and Co-design. This process will take time.

Local government and other significant representative organisations across the Lower Gulf are essential to the development and establishment of the Gulf Academy. This Memorandum of Understanding (MOU) confirms the relationship between these organisations in developing and establishing the Gulf Academy.

Bynoe CACS is leading the establishment of the Gulf Academy, with the endorsement of those organisations and other interested parties involved in developing the feasibility study and business case for the Gulf Academy.

Bynoe CACS has established a Gulf Academy Working Group and appointed a Working Group Manager to progress the Gulf Academy.

### Understandings.

1. The signatories to this MOU will work together to progress the concept and establishment of a Gulf Academy through:
  - a. Information sharing. Providing relevant and timely data, information and observations to the Gulf Academy Working Group that may assist in developing and implementing the Gulf Academy initiative.



- b. Communicating. Providing their community members / constituents with information on the Gulf Academy and feeding back community responses to the Gulf Academy Working Group.
  - c. Collective action. When engaging and negotiating with partners and stakeholders in the Gulf Academy, presenting as a united front, representing people from across the region.
  - d. Promoting the Gulf Academy, particularly to stakeholders and partners, with an emphasis on the Gulf Academy being a regional initiative.
  - e. Providing financial and other support to progress the Gulf Academy, as appropriate and agreed.
  - f. Meeting regularly to report on and confirm the points above.
2. Agreement to the points above does not stop any of the signatory organisations from progressing their own engagement and negotiations with partners and stakeholders, to address matters of immediate concern to their organisation. Where this does occur, the signatories agree to align initiatives to be taken locally with the work being undertaken on the Gulf Academy.
  3. The initial focus of this MOU is to support Bynoe CACS in securing agreement from stakeholders and partners to a funded Co-design process.
  4. Once funds have been secured this MOU will be reviewed, amended and altered as necessary to reflect the support required of the signatories in the Co-design phase of the Gulf Academy initiative.
  5. While united in their desire to achieve a culturally, socially, and economically strong Lower Gulf region the signatories are approaching the establishing the Gulf Academy from different perspectives. It is likely, that at times, signatories may have concerns about how the initiative is progressing. The signatories agree that when these concerns arise, they will raise them immediately, with the Gulf Academy Working Group Manager and as appropriate the CEOs of Bynoe CACS.



Signatories:

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**Ernie Camp (Mayor)**  
Burketown Shire Council

**Wade Richardson (Chair)**  
Bynoe CACS

**Thomas Wilson**  
(Chairperson)  
Carpentaria Land Council  
Aboriginal Corporation

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**Jack Bawden (Mayor)**  
Carpentaria Shire Council

**Trevor Pickering (Mayor)**  
Croydon Shire Council

**Jason Ned (Mayor)**  
Doomadgee Shire Council

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**Robbie Sands (Mayor)**  
Kowanyama Shire Council

**Kyle Yanner (Mayor)**  
Mornington Island Council

**Richard Tarpencha (Mayor)**  
Pormpuraaw Shire Council

20 October 2021



## BUSINESS PAPERS

### 8.4 HUMAN RESOURCES REPORT

**Attachments:** NIL  
**Author:** Lisa Ruyg - Manager Human Resources  
**Date:** 14 October 2021

**Key Outcome:** 1.1 – Responsive and effective service delivery  
**Key Strategy:** 1.1.1 Foster appropriate corporate culture that aligns with Council's Mission, Values and Behaviours.

#### **Executive Summary:**

This report provides information on the progress of SAFEPLAN, Council's safety management system, and an update on general human resource matters.

#### **RECOMMENDATION:**

That Council accepts the Human Resources Report for information.

### 1. Work, Health and Safety Report

- Safepan Progress Report September 2021

KPI	Average Group B Councils	CSC YTD Sept 2020	CSC YTD Sept 2021	Safe Plan KPI 2021/2022
Lost Time Injuries	7.99	3	1	5
Av. Lost Time Days per Injury	12.56 per injury	14	69	112
Hazard Inspections		70%	100%	90% p/mth
Take 5's Completed		84.4%	62%	85% p/mth

#### **Mechanism of Injury for Claims Submitted FYTD**

i) Being hit by a moving object	0
ii) Hitting stationary objects	0
iii) Muscular stress while handling objects	0
iv) Muscular stress with no objects being handled	1
v) Muscular stress while lifting	0
vi) Falls from a height	0
vii) Being hit by a falling object	0
viii) Work related harassment and stress	0

## BUSINESS PAPERS

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### 2. Update – Certified Agreement 2021

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An update will be given at the Council meeting.

### 3. Drug & Alcohol Testing

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Random Drug & Alcohol Testing was conducted by the Drug Detection Agency from 14 September 2021 – 20 September 2021.

134 tests were undertaken. Two drug detections were recorded.

### 4. Training Activities – September & October 2021

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28 – 30 September 2021      Lifeguard, First Aid and CPR

27 – 28 October 2021      Health & Safety Representative Refresher Training

TAFE Blocks                      Shaun Petersen      Apprentice Electrician  
Michael Trinity Mudd      Apprentice Plumber

### 5. Update – Human Resources Budget September 2021

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	Sum of Original Budget	Sum of Actual Bal	Sum of Order Value	Sum of Total Spend
<b>Operating Expenditure</b>				
Apprenticeships	67,000	6,550	23,702	30,252
Enterprise Bargaining	35,000	658	7,901	8,559
HR Operations	561,885	118,179	60,370	178,549
Learning & Development	185,000	2,001	12,218	14,219
Workplace Health Safety	612,175	167,195	16,061	183,256
<b>Total</b>	<b>1,461,060</b>	<b>294,584</b>	<b>120,251</b>	<b>414,835</b>
<b>Operating Income</b>				
Apprenticeships	-85,000	-66,892	0	-66,892
Workplace Health Safety	0	-47,658	0	-47,658
<b>Operating Income Total</b>	<b>-85,000</b>	<b>-114,550</b>	<b>0</b>	<b>-114,550</b>
<b>Grand Total</b>	<b>1,376,060</b>	<b>180,034</b>	<b>120,251</b>	<b>300,285</b>

#### Consultation (Internal/External):

- Executive Leadership Team
- Peak Services
- Aquatic Awareness
- TAFE North
- Skill 360

## **BUSINESS PAPERS**

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- WHS Advisor
- The Drug Detection Agency.

**Legal Implications:**

- Within normal operational parameters.

**Financial and Resource Implications:**

- Within allocated budget.

**Risk Management Implications:**

- Within normal operational parameters.

## **BUSINESS PAPERS**

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### **8.5 2022 COUNCIL MEETING DATES**

<b>Attachments:</b>	8.5.1. Meeting Dates for 2022 <a href="#">↓</a>
<b>Author:</b>	Angeline Pascoe - Executive Assistant
<b>Date:</b>	22 September 2021
<b>Key Outcome:</b>	7.3 - Strategic management of Council
<b>Key Strategy:</b>	7.3.1 Develop and implement local laws, policies, standards and codes in accordance with legislative requirements and ensure compliance.

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#### **Executive Summary:**

The *Local Government Act 2009* requires a Shire Council to meet at least once a month.

The proposed meeting dates for 2022 are presented for Council's consideration and adoption.

Carpentaria Shire Council meetings are traditionally held on the third Wednesday and following Thursday (if required) of each month. These dates have been recommended for the 2022 year with the exception of the December meeting. The December meeting has been brought forward due to the Christmas close down period and to allow any follow up items after the meeting to be actioned prior to the close down.

#### **RECOMMENDATION:**

That Council adopt the 2022 Council Meeting dates as presented:

- 19 & 20 January;
- 16 & 17 February;
- 16 & 17 March;
- 20 & 21 April (at Karumba);
- 18 & 19 May;
- 15 & 16 June;
- 20 & 21 July (Budget Meeting);
- 17 & 18 August;
- 21 & 22 September;
- 19 & 20 October (at Karumba);
- 16 & 17 November; and
- 14 & 15 December (earlier due to Christmas)

#### **Background:**

These dates work in with public holidays. However, Council may have other commitments that they wish to consider.

Council may wish to consider dates for public consultation meetings, although it is not necessary to do so as a statutory requirement in this resolution.

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Council may want to give consideration as to whether it wants one or two meetings at Karumba.

**Consultation (Internal/External):**

- Mark Crawley – Chief Executive Officer
- Angeline Pascoe – Executive Assistant

**Legal Implications:**

- Section 257(1) of the *Local Government Regulation 2012* requires a Shire Council to meet at least once in each month.

**Financial and Resource Implications:**

- Nil.

**Risk Management Implications:**

- Nil.



**CARPENTARIA SHIRE**  
*Outback by the Sea®*

Chief Executive Officer  
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 NORMANTON QLD 4890

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 Email - [council@carpentaria.qld.gov.au](mailto:council@carpentaria.qld.gov.au)

## Meeting Dates for 2022

The Carpentaria Shire Council meets every third Wednesday and the following Thursday of the month unless otherwise stated. Meetings are generally held in the Council Chambers, Haig Street, Normanton unless otherwise stated.

Order of Business: Wednesday, Ordinary Meeting of Council  
 Thursday, Ordinary Meeting of Council

All Business pertaining to the Agenda is due on the Tuesday, one week before the meeting date.

Council Meetings commence at 9am and are open to the public.

Month	Agenda Due	Meeting Date	Meeting Type
January	11	19 20	Ordinary Meeting Ordinary Meeting
February	8	16 17	Ordinary Meeting Ordinary Meeting
March	8	16 17	Ordinary Meeting Ordinary Meeting
April	12	20 21	Ordinary Meeting - Karumba Ordinary Meeting
May	10	18 19	Ordinary Meeting Ordinary Meeting
June	7	15 16	Ordinary Meeting Ordinary Meeting
July	12	20 21	Ordinary Meeting <b>Budget Meeting</b>
August	9	17 18	Ordinary Meeting Ordinary Meeting
September	13	21 22	Ordinary Meeting Ordinary Meeting
October	11	19 20	Ordinary Meeting - Karumba Ordinary Meeting
November	8	16 17	Ordinary Meeting Ordinary Meeting
December	6	14 15	Ordinary Meeting <b>Note: 1 week earlier due to Christmas</b>

## BUSINESS PAPERS

### 9 REPORTS FROM DIRECTOR OF CORPORATE & COMMUNITY SERVICES

#### 9.1 DCS REPORT

- Attachments:**
- 9.1.1. Local Laws Report - October 2021 [↓](#)
  - 9.1.2. GCPTF Terms of Reference [↓](#)
  - 9.1.3. GCPTF Meeting Minutes - June [↓](#)
  - 9.1.4. Maintenance Reports - TV Radio Services [↓](#)
  - 9.1.5. Quotation - Satellite Dishes [↓](#)
  - 9.1.6. TV & Radio Services - Council Report November 2020 [↓](#)

**Author:** Julianne Meier - Director Corporate Services

**Date:** 14 October 2021

**Key Outcome:** 7.3 - Strategic management of Council

**Key Strategy:** 7.3.2 Implement integrated strategic planning approaches across Council, including efficient and effective risk management.

#### Executive Summary:

This report provides information and updates to Council on various activities and programs that are facilitated within the Director of Corporate Services portfolio.

#### RECOMMENDATION:

That Council:

1. receive and note the Director of Corporate Services Report; and
2. that those matters not covered by a resolution be noted.

#### Background:

##### .1 Actions Outstanding from Previous Meetings

Date:	Action	Status	Comment
	Review the water allocation on all non-profit and sport and recreation users.	In Progress	A review of General Rates and Utility Charges has been undertaken. However it was decided not to change the water methodology for the coming year. The allocations have not changed, some users will be able to use the raw water. A review in 21/22 has been planned.

## BUSINESS PAPERS

	Liaise with relevant parties to improve connectivity at Normanton Rodeo Grounds	Ongoing	<p>Ongoing – reported fault with Telstra about service dropouts. Officers to discussed issue with Telstra to see if we can increase bandwidth during specific events, however, have been advised we already have the maximum bandwidth.</p> <p>Liaising with ICT and Electrician to investigate opportunities to optimise wi-fi capacity at Rodeo Grounds. A grant has been submitted to set up cameras and wi-fi facilities at the Grounds. The funding is expected to be announced in January 2022.</p>
May-20	Enter into lease agreement with World Fuels and IOR for supply of avgas at Karumba Aerodrome.	Ongoing	<p>Council to provide a small bitumen turnaround area to the bowsers, fill where the bowsers to be placed and a new electrical meter box to supply power to the bowsers.</p> <p>The survey has been completed and Council has received the Registered Plans.</p> <p>Preston Law are in the process of finalising the lease agreements.</p>
Jan-20	Abandoned Vehicles	In Progress	<p>Abandoned vehicles cannot be towed unless to a secure site. There is little room at Council Depot so engineering are identifying a suitable site at the Normanton tip and will obtain quotations to fence so the area can be secured.</p> <p>A site has been identified and cleared on the eastern side of the tip. An area to secure 30 vehicles is able to be fenced. Awaiting outcome of Waste Facility Report.</p> <p>Now contractor appointed, need to meet with contractor to agree a suitable site.</p>
Jan 21	Lease Agreements	In Progress	<p>Have commenced liaising with Preston in respect of finalising Draft for review.</p>
Jun 21	Social Procurement	In Progress	<p>Council's agreement with Bynoe to maintain Parks and Gardens is long out of date. Preston have been engaged to update the existing agreement with any recommended and required legislative changes.</p> <p>Planning to present the updated agreement to Council next month, prior to forwarding to Bynoe.</p>

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Sep 21	Biosecurity Entity Registration Renewal	In Progress	Council has three Property Identification Codes (PIC's) for the Normanton Rodeo/Racecourse/Rodeo Access, and the Town Common and the Stock Route. Though Council does not own any stock these properties are a thoroughfare for owners moving animals, and the stock owners will require a PIC for movement records. Therefore, it is a legislative requirement for Council to maintain its registrations. Currently organising to update details on the 3 properties and pay the registration fee.
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### .2 Budget

The 2021/2022 budget was adopted at the 30 June 2021 Special Meeting. There is only the first month of the year's transactions to report, but there are no budgetary concerns at this time.

The budget below is included for review.

Row Labels	Sum of Original Budget	Sum of Actual Bal	Sum of Order Value	Sum of Total Spend
Operating Expenditure				
Animal Control	108,216	14,112	0	14,112
Environmental Health	73,481	0	0	0
Information Technology	406,759	124,920	18,758	143,679
Local Laws	162,716	22,137	0	22,137
Major Opex	400,000	116,572	163,054	279,626
Mosquito Control	67,083	561	0	561
Operational Plan	145,000	0	0	0
Pest Management Operations	77,943	1,350	28,230	29,580
Property And Leases	15,000	0	970	970
Regional Economic Development	0	3,500	0	3,500
Weed Control	119,083	101,426	36,831	138,258
<b>Operating Expenditure Total</b>	<b>1,575,281</b>	<b>384,579</b>	<b>247,844</b>	<b>632,423</b>
Operating Income				
Animal Control	-2,000	-880	0	-880
Environmental Health	0	-2,532	0	-2,532
Local Laws	-89,000	-1,898	0	-1,898
Major Opex	-400,000	0	0	0
Operational Plan	-10,000	0	0	0
Property And Leases	-68,000	-4,000	0	-4,000
Records Management	0	-48	0	-48
<b>Operating Income Total</b>	<b>-569,000</b>	<b>-9,357</b>	<b>0</b>	<b>-9,357</b>
<b>Grand Total</b>	<b>1,006,281</b>	<b>375,221</b>	<b>247,844</b>	<b>623,066</b>

The only area of expenditure that appears to exceed budget is the weed control area, however it is expected this overspend can be offset against other unspent items.

## **BUSINESS PAPERS**

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### **.3 Program Update**

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#### **Local Laws**

The local laws report for the month of September is attached.

#### Illegal Dumping

The Local Laws Officer will continue to monitor illegal dumping hotspots, and look for new hotspot areas, where people are illegally dumping rubbish. Whilst we do look for signs of an offender, often this information is not available.

In the month of September there were 9 instances of illegal dumping. Three in Normanton and 6 in Karumba. The types of waste included bottles, cans, general rubbish, fish skeletons, 4 tyres and green waste. All waste has been removed by Council officers except the green waste. Unfortunately, there was insufficient evidence at any of the sites to take action. Approval to purchase cameras has been provided under the illegal dumping grant. An order is expected to be placed this week.

The grant provided by the Department of Environment and Science (DES) is to get the community thinking about illegal dumping and to raise an awareness to do the right thing.

FNQROC are coordinating the grant and have recommended a provider for the surveillance cameras. Two number plate cameras will be purchased along with ten surveillance cameras and associated accessories. These cameras can be put in hives or trees. I met with the Local Laws Officer and after receiving a recommendation from the recommended expert, a decision to purchase these cameras was made on the basis they are what most local laws illegal dumping teams are purchasing. It is anticipated the grant will fully cover the cost of the cameras.

DES have advised if there are any prosecutions or fines that require resources to process, all the evidence can be bundled together and mailed to them, and they will go through the process right to prosecution if able. They will fully support and provide training to Council officers where required.

#### Dog Attack

There has been a dog attack at Landsborough Street in Normanton where a young boy was bitten on the knee. The boy was taken to hospital but has been released but needs to go back for dressings daily. The Local Laws Officer has conducted an investigation which has revealed the dog got out underneath the gate and attacked the boy on the road. The outcome will be the dog must be declared a menacing dog for life, and the owner will be required to come to Council and pay a fee.

The options for the owner are the dog could have been relocated out of town, but the owner has decided not to do this. Therefore, the owner must have an 1800mm high lockable enclosure where the dog cannot escape, and the dog must be muzzled when released from that enclosure at all times. There are severe penalties if caught without a muzzle, including a \$5,000 fine. The Local Laws Officer is in the process of finalizing the relevant paperwork.

## **BUSINESS PAPERS**

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### **Pest and Weed Management**

#### Gulf Catchments Pest Task Force

Mark Hognon from Carpentaria Land Council Aboriginal Corporation attended the Gulf Catchments Pest Task Force Meeting on the 9<sup>th</sup> of September and provide an update on Carpentaria Shire's 1080 Baiting program.

The Gulf Catchments Pest Task Force (GCPTF) meeting previous minutes and the GCPTF Terms of Reference that were amended at the previous meeting are attached for information. The next meeting is planned to be held in Burketown, but no date has been set yet.

#### Biosecurity Queensland – Supply of 1080

Biosecurity Queensland (BQ) will not supply anymore 1080 to the Local Governments as the remaining balance has already been allocated to the Local Governments based on their annual usage and carry over stock.

From 27 September 2021, all activities related to 1080 will be regulated under the Medicines and Poisons Act 2019, and its associated regulations and standards <https://www.legislation.qld.gov.au/view/html/inforce/current/act-2019-026>; including purchase, transport, storage, usage, record keeping, misuse notification.

BQ will no longer assist Local Governments regarding 1080 beyond 26 September 2021. A factsheet has been attached for information.

#### Carpentaria Shire 1080 Baiting Program

Carpentaria Land Council Aboriginal Corporation (CLCAC) currently co-ordinate the program for Council. Round 1 of the program was completed in July 2021, with Round 2 commencing in September 2021.

An update on Round 2 of the 1080 program; properties completed to date are:

- Delta Downs
- Vanrook
- Stirling, Lotus Vale
- Dunbar
- Rutland Plains
- Lorraine
- Donors Hill
- McAllister
- Cowan Downs
- Inverleigh
- Talawanta

There were some properties that withdrew from the program due to changeover of staff at the property, additionally there were some market/cattle activities some stations had to attend to. Properties yet to be completed are:

- Wernadinga
- Augustus Downs

## **BUSINESS PAPERS**

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- Neumeyer Valley
- Iffley
- Glenore
- Warren Vale
- Inverleigh West
- Double Lagoon
- Magowra

CLCAC anticipate Council's current stock of 1080 will be enough to complete Round 2. Recent legislative changes have meant that the pig strength baits can no longer be dropped from aircraft, and all dog baits are to be injected and can no longer be rolled.

The cost of 40L of 1080 Concentrate Pig Strength is estimated at \$10,000 delivered to Townsville. This additional cost of the purchase of the poison is expected to be absorbed within the current Budget. As Council will be required to purchase stock in future and there are strict rules around the transportation of the poison, CLCAC will coordinate the next purchase with Burke Shire Council where possible, to halve transportation costs.

It is anticipated some of the cost of the 1080 baiting program for the year may be subsidized by Gulf Savannah NRM who have received grant funding for their region.

### 1080 Training

Historically Council's Environmental Health Officer (EHO) would provide oversight over CLCAC contracted to support Council's programs. Since the EHO has resigned, nobody within Council is adequately licensed to handle 1080.

BQ has planned to coordinate a 1080 training session (AHCPMG312 qualifications) for indigenous rangers at Cairns on 16<sup>th</sup> and 17<sup>th</sup> November. It has been decided that the Local Laws Officer and I are planning attend the training.

### Weed Control

Council has recently cleared woody weeds around the township of Karumba. A Biosecurity Officer travelled to Karumba recently and noticed that huge woody weed infested area is being cleaned up. He was not aware of Shire's follow up plan to contain massive regrowth but would like to recommend considering high volume foliar spray with Grazon, Regrowthmaster, Fightback or similar as it will be affordable and effective.

The Officer said the good thing is that the seed bank of Neem is short lived so follow-up control should not be needed for an extended period. There may well be other broad leaf weeds like Chinese Apple or Rubber Vine while use of above-mentioned chemicals will kill them as well. Many thanks to CSC for this massive work.

Whilst the weed control budget is fully expended, the subsidy from Gulf Savannah NRM for the 1080 Baiting Program and the Environmental Health Budget could be used to offset the extra expenditure to conduct follow up controls.

On recent trips to Karumba I have also noticed the numerous young Neem trees that seem to have sprung up since the clearing. Seeking feedback from Council on the recommendation from the Biosecurity Officer.

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### Identification of a Prohibited Plant

A Biosecurity Officer from the Department of Agriculture and Fisheries (DAF) travelled to Karumba earlier this month to attend the Pest Task Force Meeting and while travelling he identified a prohibited cacti at one of the houses on Karumba Point Road. The officer since has received official notification from the QLD herbarium. Because it's a prohibited plant, the officer was required to collect some background information from the owner to complete paperwork. Besides, seizure of a prohibited plant requires explaining some clauses of regulations including issuing a warning letter.

The Local Laws Officer helped DAF with the process. The Biosecurity Officer has advised that DAF will conduct more surveillance around the Karumba township as well as letter box drop to educate people. Any queries in relation to the plant can be directed to DAF.

*Species (incl. Author): Opuntia engelmannii Salm-Dyck ex Engelm      Family: Cactaceae*

Single plant, in cultivation. Fruits purplish, not supplied – observed in images supplied with specimen. See photograph of the plant below.



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### SES Vehicle – QFES Funding

I was contacted by the SES recently to ask if Council would apply for a grant to purchase a new vehicle for the SES. The photo's below show the first preference is the Landcruiser, the second preference is a Hilux.

I have reviewed the Funding Guidelines for the SES Support Grant. \$30,000 is available for a motor vehicle and up to \$75,000 for accommodation. Funding for vehicle acquisition or replacement requires a co contribution. QFES will provide dollar for dollar funding up to a maximum of \$30,000 per vehicle purchased. The closing date for applications is 30 November 2021. Seeking feedback from Council.



## **BUSINESS PAPERS**

### TV Radio Services

Unfortunately, rural and remote communities don't fit within the commercial broadcaster's scope of providing services. This used to be known as the 500 Rule, if you did not have 500 homes within the community the commercial broadcasters would not consider you to be their responsibility for coverage. That meant that every town (that had less than 500 homes) the commercial broadcasters were not interested in providing services, their response was largely they didn't get enough revenue to offset the cost.

The Australian Government started a Black Spot Program several years ago to enable Local Governments to set up rebroadcasting facilities in rural and remote communities. There are approximately 300 LG retransmission sites in Australia of which Council has two, one in Karumba and one in Normanton.

When these services went digital, the question was whether LG sites were to be converted to digital or not. It was then the decision of each LGA to make that decision. Council based on the feedback from residents decided to convert the transmission from analogue to digital, back around 2013.

N-Com has been in the business of broadcasting for 21 years and they are used by the AG, State and LG's for the design, supply and maintenance of a majority of the transmission of sites. Council has contracted N-Com to maintain its sites.

Both Karumba and Normanton sites have telemetry systems and have been recently upgraded to advanced telemetry. Council's ICT Department did the install under remote direction from N-com. N-com monitor Council's sites and provide support services to staff. They can reset sites remotely, but do not provide this service out of hours. Under the contract they provide 2 visits per year at a cost of \$1,680 per visit. Travel costs are apportioned between a number of LG's in the area. N-com maintain FM radio services but not AM radio services.

An estimate (not an exhaustive list) of the value of Council's TV and Radio services is shown below.

<b>Description of Asset</b>	<b>Estimated Cost</b>
TV Transmitters - 10 (5 at Normanton, 5 at Karumba)	\$100,000
Remultiplexers - 3 at sites, 1 spare	\$20,000
EPG Remultiplexers - 1 per site	\$30,000
Satellite Receivers - 4 TV per site & 3 Radio per site	\$52,000
Huts (enclosures) 1 per site	\$80,000
Telemetry System 1 per site	
<b>Total</b>	<b>\$282,000</b>

N-Com will maintain and encourage Council to use the receivers to end of life to maximise capital outlays for asset replacements.

N-Com conducted maintenance visits to both Council sites recently and have provided an attached summary report. They replaced a satellite receiver at Karumba at a cost of around \$5,000.

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At present the satellite receivers have a limited life and have been in continuous operation for 8 years and are approaching end date which is this year 2021. Council should be aware of the pending failure of these units at end of life. At each site we have 3 satellite receivers for television, and we also have 4 satellite receivers for radio. One of the satellite receivers for radio has been replaced, but there are three needing to be replaced. The rest of the feeds come from streaming.

In November 2020 N-Com conducted a maintenance site visit. They found the following:

*During our maintenance visit last week, we noticed disruptions of few seconds in both SBS and commercial channels during afternoon/evening storms.*

*This happened both in Karumba and Normanton. Disruptions usually last for few seconds and, in one occasion for SBS, lasted for a couple of minutes (during heavy rain).*

*Issue is more evident on SBS because this service uses a different satellite transmission standard called DVB-S2X (commercial services use DVB-S2).*

*These glitches are due to the size of the current satellite dishes (about 2 metres).*

*In normal operating conditions, those dishes are just fine and provide plenty of signal. However, whenever there is a big storm, the amount of signal received is not enough for the receivers to be decoded. Keeping all the TV and radio services on air can be critical during the cyclone season or, as we experienced earlier this year, during lockdown periods.*

*The solution we highly recommend is upgrading the current dishes to a bigger size, 4.3 metre, in order to provide plenty of signal to the satellite decoders even during heavy storms.*

*To give you a clearer idea, please think of a satellite dish as a bucket; the bigger is the size, the more signal will be picked and more reliable all the services will be.*

*Considering we have been talking about future upgrades for both the sites, this would definitely be the more urgent one that we recommend.*

*I have attached a quote for it, for a total of four new dishes (two per each site). Plan would be sending two crews that can work at the two sites at the same time.*

*I also attached a photo of the proposed dishes which we have in service in many other sites around QLD.*

## **BUSINESS PAPERS**

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I spoke with N-Com today and they suggested a maintenance budget of \$10,000 per annum would be more than adequate. This budget has already been provided for under the Communications area. Last year's quote was almost \$50,000 but could be implemented over two years to smooth the cost.

It is also recommended Council maintain vegetation from growing over the front of the satellite receivers. Karumba is currently being maintained, but the Normanton site needs maintaining.

A report was presented to Council at the November 2020 meeting, a copy is attached for reference. The recommendation was to advertise an EOI for the upgrade of Council's TV & Radio Transmission. At the April 2021 meeting it was decided by resolution (0421/018):

1. To contact the Telecommunications providers (Imparja, Seven, Nine and Ten) and ascertain if they have any plans for rebroadcasting in the Carpentaria Shire; and
2. A report to be provided to the next meeting in relation to a proposal for installation and subsidisation of VAST boxes for Normanton and Karumba residents.

Officers are seeking feedback from Council in relation to the maintenance and upgrade of the TV and Radio equipment. There appears to be no spare cash in the communications budget, so additional funds are required. The maintenance report from N-Com highlights the need for maintenance, otherwise there will be critical asset failure. Some options are:

1. Follow the resolution from the April meeting and obtain an update on any new information since.
2. Apply for grant funding to support the replacement of the equipment.

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3. Set aside a replacement budget of \$25,000 per year until a decision has been made on how to proceed. This allows at least some upgrades, so in future not all assets reach end of life at the same time.
4. Allow the equipment to fail and then replace it piecemeal. There may be some community backlash during outages.

The transmission of television and radio services falls under the *Australian Communication and Media Authority Act 2005*. Whilst Council may decide it does not have funding to deliver these services, it may be prudent to balance the community expectations and seek grant funding to offset the cost of capital replacement.

### National Ethernet Migration

An ICT project is currently underway to take the available bandwidth from 20Mbit to 200Mbit. TerreCom has been engaged to deliver this project.

A Telstra technician visited Council yesterday and advised they will now go and do design works. This will take up to three weeks and hopefully the next site visit will result in speedier internet.

It may be possible for Council to release some of the available bandwidth on weekends. Only limited discussions on this have been had, and the release or surplus bandwidth may be subject to Policy.

### External Audit

The preparation of Council's financial statements has been, as usual a significant body of work and the DRAFT financial statements were presented in a separate report for consideration at the September meeting. Council's external auditors were onsite the week of recently to conduct the final audit.

There have been some changes to the Statements and a second DRAFT was prepared for audit on the 8<sup>th</sup> of October. Officers now understand all requested workpapers have been provided for review. We anticipate at this time that Council will achieve sign off by QAO by the end of October.

### **Consultation (Internal/External):**

- Local Laws Officer
- Director of Engineering
- Chief Executive Officer
- Carpentaria Land Council Aboriginal Corporation
- Biosecurity Queensland
- Crowe Australasia
- N-Com Pty Ltd

### **Legal Implications:**

- *Local Government Regulation 2012*
- *Local Government Act 2009*

### **Financial and Resource Implications:**

- Any capital expenditure will need a new budget provided; however operational expenditure is expected to be managed within budget.
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## **BUSINESS PAPERS**

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### **Risk Management Implications:**

- Risk is considered low, to ordinary operations of Council. However critical asset failure of the TV Radio Infrastructure may result in loss of broadcasting.

Local Laws Reporting														
Month	New Animal Registrations				Impounded Animals				Euthanized Animals					
	Ntn	Kba	Ntn	Kba	Ntn	Kba	Ntn	Kba	Ntn	Kba	Ntn	Kba	Ntn	Kba
	Dogs		Other		Dogs		Cats		Euth. Dogs		Euth. Cats		Euth. Other	
Jul	3	7			7	2	45	30	5		45	30		
Aug	9	5			6		30	25	5		30	25		
Sep	5	3			7		24	19	5		24	19		
Oct														
Nov														
Dec														
Jan														
Feb														
Mar														
Apr														
May														
Jun														
<b>Total</b>	<b>17</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>2</b>	<b>99</b>	<b>74</b>	<b>15</b>	<b>0</b>	<b>99</b>	<b>74</b>	<b>0</b>	<b>0</b>

Local Laws Reporting														
Month	Illegal Campers		Snakes removed		Overgrown Allotment notices		Abandoned Vehicles		Pound Release fees		Infringements Issued		Fines Collected	
	Ntn	Kba	Ntn	Kba	Ntn	Kba	Ntn	Kba	Ntn	Kba	Ntn	Kba	Ntn	Kba
Jul	10	12	1						-	-	-	-	-	-
Aug	5	6	2						-	-	-	-	-	-
Sep	3	2							-	-	-	-	-	-
Oct									-	-	-	-	-	-
Nov									-	-	-	-	-	-
Dec									-	-	-	-	-	-
Jan									-	-	-	-	-	-
Feb									-	-	-	-	-	-
Mar									-	-	-	-	-	-
Apr									-	-	-	-	-	-
May									-	-	-	-	-	-
Jun									-	-	-	-	-	-
<b>Total</b>	<b>18</b>	<b>20</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



### **Purpose**

The purpose of the Gulf Catchments Pest Task Force is to enhance pest plant and animal control within North-West Queensland and the Gulf region and reduce their current and potential impacts.

### **Terms of reference**

1. To provide a forum for leadership and participation by major stakeholders in pest plant and animal management within North-West Queensland and the Gulf region.
2. To facilitate communication, feedback, advice, integration and support to members and the broader groups they represent on pest management issues and responses of relevance at the local government and regional levels.
3. To identify, prioritise and address pest plant and animal issues within the region.
4. To provide opportunities for addressing the operational issues of shire council rural lands officers or rangers. To identify and facilitate the capacity building (increased skills and knowledge) of shire council rural lands officers or rangers to support their roles and responsibilities.
5. To facilitate an increase in support for pest management from local government and other key stakeholders within the region.
6. To develop improved linkages between local government/community pest management programs and the implementation of related strategic catchment/sub-catchment and regional natural resource management initiatives.
7. To undertake communication activities including use of media to foster improved communications between stakeholders on pest management issues.
8. Lobby relevant decision-making bodies on a local government, regional, state and/or federal level regarding pest management.
9. To support local governments to develop biosecurity plans that are consistent with *the Biosecurity Act 2014* in keeping with key pest management principles of prevention, collaboration, biosecurity hygiene, best management practices adopted, and community awareness are accepted and applied by all stakeholders. Regional stakeholders have sound knowledge and understanding of *the Biosecurity Act 2014* and the tools to achieve pest plant and animal objectives.
10. To participate in the annual evaluation of the Regional Biosecurity Plan (once developed).
11. To identify, discuss, support and/or progress strategic regional projects including funding.
12. To facilitate the implementation of co-ordinated approaches to management of pests at the local government and regional level (e.g. response teams, sharing of resources).
13. To collaborate with research organisations to identify and direct research priorities co-opting support for on ground trials.

### **Membership**

All shire council rural lands officers/rangers/stock route officers from each of the following organisations:

Burke Shire Council	Flinders Shire Council
Carpentaria Shire Council	McKinlay Shire Council
Cloncurry Shire Council	Mornington Shire Council
Croydon Shire Council	Mount Isa City Council
Doomadgee Aboriginal Shire Council	Richmond Shire Council
Etheridge Shire Council	

*Note: Neighbouring councils and the jurisdiction of the Northern Territory (NT) will not be formally represented in the Gulf Catchments Pest Task Force but will be kept informed of any relevant issues by being invited to attend meetings or via circulation of minutes of meetings.*

**Stakeholder Groups**

Including but not limited to:

- North West Queensland Regional Organisation of Councils (NWQROC);
- AgForce;
- Carpentaria Land Council Aboriginal Corporation (and their associated Ranger groups);
- Department of Agriculture and Fisheries;
- Department of Environment and Science;
- Department of Natural Resources, Mines and Energy;
- Department of Transport and Main Roads;
- Desert Channels Queensland Inc;
- Ergon Energy;
- Lake Eyre Basin Rangers;
- Northern Gulf Resource Management Group
- Queensland Health;
- Queensland Rail; and
- Southern Gulf NRM Ltd.
- Landcare and other relevant community groups within the North West and Gulf regions.
- Any key stakeholders identified by the GCPTF membership will be invited as required.

In addition to guest speakers and other invited participants, one further representative (Councillor, CEO, Mayor, Operations Manager or Environmental Officer) of each shire is encouraged to attend.

**Core Structure**

The core structure of the Gulf Catchments Pest Task Force is composed of:

- Local government - supply the chair;
- Southern Gulf NRM – facilitate the meeting and perform the secretariat role.

The position of Chair, Coordinator and Secretariat form the Gulf Catchment Pest Task Force’s steering committee. In addition, working groups may be formed to progress action on key identified issues.

Costs associated with group coordination and holding meetings will be discussed and managed by the steering committee. All individual travel costs are covered by the attending stakeholder or member organisation.

### **Key Selection Criteria**

Nominated representatives should have as a minimum:

- detailed knowledge of pest plant and animal issues within their jurisdiction, including current management initiatives and authority to make decisions relating to pest management issues within their jurisdiction;
- OR
- the ability to represent their organisation, and obtain two-way feedback on pest management issues as they arise, to support of the Gulf Catchments Pest Task Force's purpose; and
- commitment to working co-operatively with other stakeholders to achieve the task force's purpose.

### **Operation**

1. The Gulf Catchments Pest Task Force will meet in-person, at least twice per year and not more than seven months apart. Meetings are to be hosted on a rotational basis by member local government agencies. The next meeting venue and date will be decided at end of each meeting. Additional communication out of session by the task force can occur by teleconference, or by exchange of email.
2. A field trip/activity/guest speaker will be arranged for each meeting.
3. Other representatives from stakeholder organisations may be invited to attend Gulf Catchments Pest Task Force meetings by group members on an as needs basis (e.g., councillor, operations manager, field staff). Only the Gulf Catchments Pest Task Force member will have voting rights in these instances.
4. Where the nominated representative is unable to attend a particular meeting of the Gulf Catchments Pest Task Force, a nominated proxy is permitted to attend in their place.
5. Meetings of the Gulf Catchments Pest Task Force are to be convened on behalf of the Chair. Agenda items for each meeting should be emailed to the Coordinator no later than four weeks prior to the agreed meeting date. A report of the activities and progress of the steering committee is to be tabled as a standing agenda item at every Gulf Catchments Pest Task Force meeting. The final agenda will be circulated by the Coordinator to all Gulf Catchments Pest Task Force members and meeting attendees via email at least five working days prior to the agreed meeting date.
6. Updates from all members of the Gulf Catchments Pest Task Force are to be provided at each meeting. All members are required to provide an update describing pest management issues, and implementation activities in their jurisdiction since the last Gulf Catchments Pest Task Force meeting. It is expected that members will collect information from their broader constituency to include in the reports.
7. In the event the Chair of the Gulf Catchments Pest Task Force resigns, a new Chair is to be selected via nomination and subsequent ballot. All members of the Gulf Catchments Pest Task Force are entitled to vote for the Chair. The position of Chair is to be held for two meetings only; however, the outgoing Chair is able to re-nominate.
8. The Chair's responsibility is to conduct the meeting according to the Meeting Agenda. All agreed actions and resolutions are to be summarised verbally at the end of the meeting by the Chair.

9. The Gulf Catchments Pest Task Force will make decisions to progress the development, completion, endorsement and implementation of the Regional Biosecurity Plan (once developed). Each member will have equal voting rights, and decisions will be resolved by the majority of members. If instances occur of a tied vote, the Chair will have the casting vote.
10. All key decisions significantly affecting resources, funding or the actual priorities of stakeholders in the development, completion, endorsement and implementation of the Regional Biosecurity Plan are to be tabled for discussion. It is acknowledged that resolution and commitment to resource allocation will usually require approval by a stakeholder's organisation, which may be beyond the scope of the attending member's authority to progress at Gulf Catchment Pest Task Force meetings. These will be pursued in accordance with standard procedures operating within individual organisations by Gulf Catchments Pest Task Force members and reported back to the group. The outcome of such decisions will be included in subsequent Gulf Catchments Pest Task Force meeting minutes.
11. Draft minutes and actions from each meeting will be circulated by the Coordinator to all Gulf Catchment Pest Task Force members within three weeks of any meeting. Gulf Catchments Pest Task Force members will have the opportunity to provide comments on the minutes for a period of one week after dispatch of the draft minutes. The minutes will be finalised based on any comments and circulated at least three days prior to the next scheduled meeting of the Gulf Catchments Pest task Force. Minutes and actions are to be formally confirmed at the start of each Gulf Catchments Pest Task Force meeting.
12. Any significant matters (i.e. conflict resolution) that threaten the effective functioning of the Gulf Catchments Pest Task Force that cannot be dealt with by the members is to be addressed by the steering committee.



## MEETING MINUTES

3-4 June 2021

Cloncurry Shire Council Hall

<b>Chair</b>	Robyn Young – Southern Gulf NRM	
<b>Coordinator and Secretariat</b>	Pru Wharton – Southern Gulf NRM	
<b>Attendees</b>		
Robyn Young	Southern Gulf NRM - NRM Project Officer Weed and Pest Management	
Pru Wharton	Southern Gulf NRM - Agricultural Landcare Facilitator	
Geoff Penton	Southern Gulf NRM - CEO	
Charles Curry	Southern Gulf NRM – Senior NRM Project Officer	
Billy Paine	Flinders Shire Council – Rural Lands Officer (Day 1 Only)	
Shane Booth	Doomadgee Shire Council - Environmental Health Officer	
Tania Strixner-Harvey	Mount Isa Water Board - Operations Superintendent	
Susan King	Northern Territory Government, Weed Management Branch – Regional Weeds Officer,	
Khaled Saifullah	Biosecurity Qld, Dept Agriculture & Fisheries – Biosecurity Officer	
Russell Jack	Department of Resources - Senior Land Officer (Day 1 Only)	
Kim Parker	Department of Resources– Operations Officer (Day 1 Only)	
Mark Van Ryt	Mount Isa Landcare Group – Secretary	
Maurice Thompson	Cloncurry Shire Council – Environmental Health Officer	
<b>Apologies</b>		
Russell Hunter	Mount Isa City Council – Rural Lands Officer	
Rachael Payne	NQ Dry Tropics – Regional Pest Management Project Officer	
Vol Norris	AgForce – Northwest Regional Manager	
Syd Clayton	Mareeba Shire Council – Senior Land Protection Officer	
Zoe Williams	Northern Gulf Resource Management Group – CEO	
Grant Anchen	Queensland Parks and Wildlife Service – Ranger in charge	
Stephen Wagner	Mount Isa City Council – Manager Compliance and Utilities Services	
Nathan Highdale	Department of Transport and Main Roads - Senior Environmental Officer, Northwest District	
Colin Malone	McKinlay Shire Council – Ranger	
Andrew Koerber	Glencore - Environmental Advisor	
<b>Resolution: Apologies be accepted</b>		
<b>Moved: Bill Paine</b>	<b>Seconded: Charles Curry</b>	<b>CARRIED</b>

**Meeting Commenced Thursday 3<sup>rd</sup> June 2021 at 9.00am**

**Welcome**

Ronald Major, Mitakoodi representative – Welcome to country  
 Robyn Young, Chair – Welcome; introduced attendees; housekeeping; apologies; and minutes and actions from previous meeting.

**Day 1 – Minutes and actions list of last meeting (16 July 2020)**

**Resolution: Minutes are a true and correct representation of pervious meeting.**

**Moved: Tania Strixner-Harvey**

**Seconded: Charles Curry**

**CARRIED**

**Business Arising**

- Robyn Young provided an update on Flinders Shire Council and Richmond Shire Council Parthenium project funded via DAF. Southern Gulf NRM has funding to continue this project. On leaving her position with Flinders Shire Council, she resigned her position from the State-wide Oversight Group; this position is still vacant.
- Mt Isa Water Board advised that they haven't begun culling peacocks at Lake Moondarra.

**General Business**

**Regional Technical Advisory Group Update and Progress on implementing regional weed and pest management strategy – presented by Geoff Penton**

- Update on the establishment of the Regional Technical Advisory Group (RTAG)
  - Meetings to be 4 times annually, preferably before and after each GCPTF, more often when required.
  - Membership is 2 x SGNRM, 1 x BQ and 2 x NWQROC representatives.
  - Conducted the first meeting on 14 April 2021 in Richmond.
  - Discussed regional strategy and actions in it.
  - Brief update on Joint Shared Biosecurity Plan agreement.
  - Regional Capacity
    - What we currently have
    - People capacity
    - Joint funding proposals
    - Basic survey to go out to council to develop a regional picture.
  - Member raised question of Biosecurity Representative; Khaled Saifullah is the RTAG Representative.

**Mount Isa Landcare Group - presented Mark Van Ryt**

- Fishing with kids at Burketown Albert River bridge - salt water and they were catching eels. Thinking about Fisheries awareness. Eels are currently on the eastern seaboard.
- Khalid Saifullah assists Fisheries with snakehead eel study. Happy to organise and give an update in the future. Surveillance is currently underway of snakehead eels in Cairns.

**Invasive Plant Control Research - presented by Dr Wayne Vogler**

- *Stomphastis* sp. – Leaf Miner (Agent for bellyache bush *Jatropha gossypifolia*)
  - Small moth with leaf-mining larvae
  - Imported from Peru in Nov 2014
  - Application to release submitted to regulators.
- *Acaiothrips ebneria* – Galling Thrips
  - Agent for prickly acacia *Vachellia nilotica*
  - Imported from Ethiopia in 2015
  - Induces rosette galls in shoot tips plus sprouting axillary buds, causing shoot tip dieback.
  - Application to release is being finalised.
- *Notomma mutilum* – Stem galling fly
  - Agent for prickly acacia imported from Senegal in 2018 & 2019.
  - Issues with establishing a colony in quarantine.
  - Preliminary lifecycle studies underway
  - Host specificity testing to be initiated.
- *Eueupithecia vollonoides* (UU2)
  - Agent on parkinsonia *Parkinsonia aculeata*
  - CSIRO joint project, funding MLA and Federal Government (2019/2021)
  - Released 78000 pupae in Qld, NT and WA
- *Cecidochores connexa* (stem-galling fly) on Siam weed (*Chromolaena odorata*)
  - Native to central America and Northern Argentina

- Larval stage cause galls on stem/growing points (lives 30-50days)
- Galls reduce flowering, seeding. Can cause plant death.
- Established in 10 countries within the tropics
- Released in late 2019.
- *Cylindropuntia* Biological Control
  - Conducted development and survival experiments to identify the best cochineal.
- Better Management of large *C. imbricata*
  - Compared a range of treatments – Biological; Fell tree + Biological; Fell tree + apply herbicide to stump + biological control; and Stem injection + Biological control.
- Opuntoid cacti biological control and integrated management
  - Commencing 2021
  - Integrated management trial
  - Testing currently available biocontrol agents on other species of *Opuntia* – bunny ears, wheel cactus, blind cactus.
- Chinese apple *Ziziphus mauritiana*
  - Opportunistic surveys in India and Pakistan identified several prospective agents.
  - Emphasis on galling agents as they are known to be highly host specific.
  - New QDAF funded project commences 2021 – quantifying economic damage, genetic diversity and introduction history, international work will focus on looking for new agents.
- Prickly acacia seed longevity trials are demonstrating differences in longevity based on seed source conditions. However, results are showing less than 10% viable seed after 10 years in soil.
- High Biomass Grasses
  - Importance of early intervention
  - Stem injection gun to apply concentrate herbicide on tussocks
  - Management will require clear objectives
  - Minimise impacts, maintain productivity/environmental values
  - Early detection and intervention critical
  - Herbicides in isolation are generally not the answer
  - Long term management – maintain ground cover, sow additional pasture if necessary
  - There are no quick fixes with grass.

#### Southern Gulf NRM update - presented by Charles Curry

- Prickly Acacia Weed Management Program
  - 5M over 5 years to 30 June 2024. SGNRM \$2,050,00, DCQ \$2,250,000 and NGRMG \$700,000.
  - Map presentation of Prickly Acacia Management in the SGNRM Region
  - Map SGNRM Investment Program 2018-22
  - Map of Flood Recovery Management Zones
  - Discussion of the 12 Zones
  - Displayed a breakdown of expenditure in 6 zones.
  - Frazer-Hamilton-Rupert – projects completed on four properties, three more with agreements to proceed.
  - Nelia-Julia Creek – three projects have signed Agreements.
  - Upper Gilliat – four projects completed, three more in negotiations.
  - Walker-Warianna – Projects completed on 3 properties, several others in negotiations for 2021.
  - Upper Flinders – One property underway, two more in negotiations.
  - Lower Gulf – Aiming for Prickly Acacia free and under maintenance status but a long way to go; most of the 22 properties involved are spending significant amounts on broad scale treatment. Four properties in negotiations for 2021.
- Disaster Recovery Funding Arrangements
  - Two programs jointly funded by the Qld and Australian Governments.
    - Riparian Recovery
    - Weed and Pest Animal Management – Total Project Cost \$1,684,866
      - Bellyache bush control Stawell River
      - Rubber vine control on lower Gulf properties in Paddocks and Flood out zones away from riparian zones.
      - Fairlight creek and Canterbury Tableland rubber vine control
      - Parkinsonia regrowth control following flood and inundation events of Feb 2019.
      - Mesquite control – Kynuna

- Mesquite control - McKinlay
- Mesquite control - North of Cloncurry
- Mesquite eradication – Mary Kathleen Tailings Dam
- Rubber vine and calotrope control Cloncurry River – Sedan Dip area
- Mesquite control – Hughenden
- Coral cactus control – Yanko and Damper Stations
- Prickly Pear control - Flinders River Hughenden
- Parthenium control - Flinders River Hughenden
- Athel Pine control – Flinders River Hughenden
- Rubber vine and other WoNS control – Hughenden
- Feral Pig control by aerial and ground baiting – Cloncurry, Richmond and McKinlay
- Wild Dog trapper - Richmond
- Queensland Feral Pest Initiative Round 3
  - SGNRM let project in partnership with DCQ and Flinders Shire Council
  - \$553,00.00 Funding
  - Five properties completed

#### **Cloncurry River Weed Eradication - presented by Gary Baker**

- Complete volunteering on Council and Private property (with permission) treating outlier infestations in the Cloncurry River to contain the infestation. Currently using cut stump method.
- Tackling all the tributaries and creeks of the Cloncurry River.
- 50% tackled the rubber vine, chinee apple etc.
- Cloncurry river drone footage.
- Need more funding from local Government, state government and federal.
- Support from council for further access.
- Working around Chinamans Creek. A lot of parkinsonia on the top end of the creek, some rubber vine. More work to be completed on Private Property to control mesquite.
- Cloncurry River is spreading rubber vine downstream very fast, starting at railway bridge.
- A lot of money is needed to have real impact.
- Presented drone imagery of extent of the infestation and work that has been completed to date.

#### **Regional Biosecurity Plan - presented by Robyn Young**

- Regional Biosecurity Plan is being developed collaboratively with Burke, Cloncurry, Carpentaria, Doomadgee, Etheridge, Flinders, Mount Isa City, McKinlay and Richmond Shire Councils agreed by resolution at March 2021 NWQROC Meeting.
- Biosecurity Queensland has offered support for the development of the shared plan as it - improves coordination particularly on catchment basis; improves collaboration; increases opportunity for strategic investment and capacity sharing; and improves efficiency with limited resources.
- Brief discussion regarding letter sent to councils and time allocation.
- Discussion about why we do biosecurity planning – Statutory Requirement, to protect something (environment, economic, human health and social amenity and cultural values); provides funders with confidence that there is a strategic plan; and guides LG in the management of invasive pests and weeds.
- General discussion regarding General Biosecurity Obligation (GBO) and whether members of the broader community are aware of their obligations and who/what poses a risk of introducing new species to our region.
- Discussion about Capacity, what we currently have and what we need to implement the regional Biosecurity Plan.
- Discussion about how Councils currently communicate with stakeholders – social media, Website, Database, Pest Spotlights, Snap/Send/Solve; What does and doesn't work.
- Discussion about consultation - setting priorities; regional objectives and responsibilities; and measures and indicators.
- Current status of development of the Biosecurity Plan and RTAG as working group.

## Member Updates

Susan King – NT Regional Weeds Officer enters meeting.

### Flinders Shire Council - presented by Bill Paine

#### Biosecurity Plan Update

- New Plan workshopped with Council.
- Stakeholder consultation scheduled for July.
- Due for completion September 2021
- Wild Dog Management Plan and Good Neighbour Program support 'Active Programs' in our Biosecurity Plan

#### Weed Control Activities

- Good Neighbour Program is still ongoing - 75 properties participating
- All council-controlled reserves have been extensively herbicide-treated. A mulcher was used on Town Common along the Flinders riverbank with great results.
- Funding application submitted to QFPI Round 4 in collaboration with Richmond Shire Council
- Parthenium funding provided by DAF has been exhausted.
- Coral Cactus and Harissia Cactus infestations in Flinders Shire have both been treated with Biologicals and Herbicide.

#### Pest Animal Control Activities

- 1080 Baiting
  - October 2020 – 54 Properties participated with 10.1T meat distributed.
  - April 2021 - 49 properties participated with 9.8T meat distributed.
- 20/21 Financial year – Trapper's scalps – 141
- 20/21 Financial year – Public scalps – 259
- Bounty Rate is \$50
- Council has applied to funding through QFPI6 for a second dog trapper.

#### Feral Pig Baiting

- They are currently undergoing a Pig Baiting program with Hog Hoppers and Hoggone™, which involves 3 days of pre-feeding with grain, 2 days feeding with placebo and 1 feeding of Hoggone™, which is a Sodium Nitrite product. Animals died within 50m of the baiting station, and it was a total kill, confirmed with night photos.

#### Stock Routes

- 4 grazing permits and 2 travel permits issued this year.
- Minor maintenance on reserves carried out.
- Continuing with stock route facility water agreements.

### Doomadgee Aboriginal Shire Council - presented by Shane Booth

#### Weed Control Activities

- Currently using the EMRICK data system, system used extensively in the NT.

#### Pest animal control activities

- Has been setting up pig traps along the river, interested in Hoggone™.
- Issue with domestic horses around town continues.

### McKinlay Shire Council - Power Point provided by Colin Malone

#### Weed Control Activities

- Noxious weed control. Finished a program sprayed 74 km of road. Used 6200 litres of Access/diesel and 820kg of Graslan 9 men for 15 days and sprayed Nelia town area, Nelia, Gilliat and town reserves and horse paddocks.
- Worked with Southern Gulf (Charles Curry) and DRFA funds in controlling the spread of mesquite around the Oorindi area.

- 68 hours with a loader clearing around on the Toorak reserve where it was no-man's land and cleared it all up.

#### **Pest Animal Control Activities**

- Provided a comparison from 2012–2020 of scalps handed in.
- Provided a comparison from 2014–2021 factory baits for Doggone, Piggone and De-K9
- 1080 Baiting 2020 – June - 46 properties baited total of 11630kg treated meat; October - 29 Properties baited total of 8020kg treated meat.
- Provided a yearly comparison 1080 baiting 2010-2020
- Noxious weeds treated on Nelia Reserve. (9 People/3 days/36 5L of Access/2200 Diesel; area 775ha)
- Noxious weeds treated on Gilliat Reserves (Northern Pdk – 9 people/1day/160kg Graslan/3.3L Access/200L Diesel) (Southern Pdk – 9 People/2days/620kg Graslan); 2030ha treated.
- Roadside noxious weed treated – Nelia/Killterry Road 35km; Punchbowl Road/Woodlands 35km South; Beef Road/Millungera 86km; Punchbowl Road/Julia Creek 22km North.

#### **Stock Routes**

- Replaced 2 lengths of trough and 1 end and replaced Mono Pump and Drop-Down cable at 40 Mile
- Cleared Toorak Stock Route Dam with Loader
- Replaced Solar Pump at Kulwin Stock Route Dam
- Desilted Toorak Stock Route Dam
- Capital Works – new head works and valves.

#### **Richmond Shire Council - Report provided by Cr. June Kuhl**

##### **Biosecurity Plan**

- Biosecurity Plan was adopted in Nov 2019, with an active pest working group.
- Current Surveillance and Prevention/Control programs.

##### **Weed Control Activities**

- Parthenium poisoning is an identified program and underway.
- Prickly Acacia poisoning on Stock routes and reserves pasture management.
- Rubber vine control – conducted a burn program.
- Surveillance ongoing for weeds – weed treatment for Lake Fred Tritton.
- Working on Travelling stock Biosecurity Plan protocols – Upgrade capital works (Removed turkey nest and replaced with poly tanks and troughs)
- Graslan used on road corridors – 500kg distributed Dec 2020.

##### **Pest Animal Control Activities**

- 1080 Baiting conducted October and May approx. 50% participation.
- Wild dog trapping program October – May, due to end June 2021.
- Wild dog population is medium but increasing.
- Feral pig population is medium but increasing.
- Foxes starting to appear.
- Feral cats are increasing in numbers – bounty available.

#### **Mount Isa Water Board - presented by Tanya Strixner-Harvey**

##### **Weed and Pest Animal Control Activities**

- Year has been invested in weed management.
- Surrounding cattle stations do coordinated baiting themselves.
- Below average wet season.
- Salvinia is being controlled.
- There was aquatic weed control in November, and they were manually removed. Investigating purchase of a machine from Holland, reported better than an aqua harvester. Potential to hire harvester out to other stakeholders.
- Oct/Nov - infestation of rubber vine was discovered on old R28 reserve. Completed first burn March 2021. Burn Permit received and due to be conducted within two weeks.
- Purchased Parkinsonia dieback application tool and herbicide.
- Calotrope program upcoming.

- Harvesting of Cochineal - Mark Van Ryt has agreed to help locate coral cactus and collect cochineal for application on water reserve coral cactus.

**Department of Resources - presented by Russell Jack**

- Completed weed control around Mount Isa mainly around houses.
- Cloncurry project has been completed.
- More work to be completed near Croydon.
- Karumba weed programs is very successful, visual difference thanks to program Scott Middleton is conducting.
- Bellyache bush presentation.

**Biosecurity Queensland Update - presented by Khaled Saifullah**

- DAF will cease supply of 1080 by 30 June 2022.
- State 1080 supply of 1080 concentrate will be depleted in 2021 at current usage rates.
- *Medicines & Poisons Act 2019*, coincides with stockpile depletion.
- Eligible LGs will receive 75% of next three years predicted use.
- On completion of the program, LGs will be responsible for the purchase of 1080 and all associated materials including deed poll, signage and plastic bags.

**Northern Territory Government - presentation by Susan King – Regional Weeds Officer**

- Experiencing a lot of similar issues.
- Developed a new 5 year weed strategy.
- Rubber vine on NT border is a serious issue. NT only had to treat 10 plants last year (near Settlement Creek, not near the coast). Collaboratively working on surveillance with all ranger groups.
- Weed and Pest officers in QLD need to raise the Border protection zone as a vitally important project. Both NT and Qld Ministers, Chief Biosecurity Officers need to discuss issue.
- NT have a weed data collection app. Increase in data being submitted and assists with planning programs.
- Surveillance is ongoing, responded to 1 parthenium incursion in 2021.

Susan King – NT Regional Weeds Officer left meeting.

**Terms of Reference for GCPTF**

A general discussion about an email received by the GCPTF. Concerns that the meeting was not being run per the Terms of Reference. The voting members were asked if they would like the meeting to be conducted per the terms of reference or changed to be coordinated by SGNRM and maintain Biosecurity Queensland as an important Stakeholder.

**Resolution: The Terms of Reference be amended to reflect SGNRM as the GCPTF facilitator with Biosecurity Queensland remaining as a valued stakeholder.**

**Moved: Bill Paine**

**Seconded: Maurice Thompson**

**CARRIED**

**Nominations for Chair**

Chair vacated position and calls for nominations for Chair to be received.

General discussion about concerns raised in an email to the group. After referring to the terms of reference, it was agreed that it states a Local Government Representative Not Employee, and it was allowable that the outgoing chair could be nominated for the position of Chair without the need to change the TOR.

**Robyn Young, SGNRM nominated by Bill Paine FSC.**

**Robyn accepted nomination.**

**No other nominations received.**

**Resolution: Robyn Young, SGNRM to be Chair of the group as LG representative. Accepted.**

**Moved: Bill Paine**

**Seconded: Shane Booth**

**CARRIED**

## Meeting resumes Friday 4th June 2021 at 8.30am

### Business arising day one

- No business arising from day 1

### Weed mapping options to allow for planning and sound decision making. Options for collaboration on improving weed infestation mapping.

- Interactive discussion about mapping lead by Geoff Penton.
- What is currently happening in the region, how do we get better coverage, what would a data sharing arrangement look like?
- Importance of mapping in regional decision-making, evaluation, and reporting.
- Assist with development of individual council's annual work plans.
- Capture data on control efforts.
- Ability to estimate infestation to determine level of activity and what is being achieved.
- \$/pest can sometimes give a perverse result. Smaller cost/pest may mean that they are in abundance, whereas greater \$/pest may mean they are more sparse hence higher cost. Caution should be used when quantifying data using this method to ensure the data is being correctly represented.
- Infestation data is limited and needs to be addressed.
- Drones may assist with some data collection.
- Artificial intelligence is greatly improving data useability.
- Dr Wayne Vogler and Khaled Saifullah both advised participants about the DAF program in the region and that contact should be made with this department to discuss how they may assist with some of our mapping issues.

### DCQ presentation – Recent technology developments and economic environmental analysis of prickly acacia control - presented by Leanne Kohler

- Map displaying distribution of prickly acacia and rubber vine.
- DCQ area has had policy change that they can attribute to decline in infestation.
- Pathway to success – mapping and prioritisation; regulatory tools to support efficient control; integrated innovative solutions; and monitoring and evaluation.
- Artificial intelligence is supporting their rapid advancement in mapping.
- Special APVMA permits and trial works have added tools to the arsenal.
- Stakeholder consultation has been vital to progress.
- Integrated management is essential to robust management and use of the full combination is required for success.
- LG and NRM can lead through procurement of weed control to accredited suppliers – which will result in reduced costs and greater control of weeds.

### Department of Agriculture Water and the Environment presentation - Established Pest Animal and Weed Management and Australian Government - presented by Owen Daniel

- Established pest animals and weeds are a shared responsibility between landholders, community, industry and government.
- It is the responsibility of each state and territory to implement programs and activities according to their individual priorities.
- Australian Government is responsible for management of Commonwealth land and provide leadership, coordination, strategic investment (including Research and Development) where in the national interest.
- Currently \$30.3 million being invested in Established Pest Animals and Weeds Management Pipeline program.
- Key elements of Federal budget
  - >\$850 million – to agriculture sector to drive competitiveness and growth, and work towards the industry target of \$100billion in farmgate value by 2030.
  - Directed into key priority areas outlined in the Ag2030 plan, including \$400 million for biosecurity to help strengthen Australia's ability to keep out exotic pests and diseases and improve our preparedness to fight an outbreak.
  - Other Initiatives:
    - \$182.6 million for biodiversity stewardship and the nation soils strategy,
    - \$29.8 million to grow the agricultural workforce, and
    - \$96.7 million to improve trade and market access.
  - \$29.1 million (2021/22) to continue efforts to deliver better solutions to combat established pest animals and weeds:

- Deliver on-ground support for land managers,
- Fund RD & E grants for next generation control projects,
- Drive national coordination outcomes for critical focus areas,
- Continue to build greater understanding of the costs and distribution of these pests and weeds.
- Strong focus on securing co-investment outcomes with key stakeholders, providing both immediate and longer-term solutions for land managers.
- WoNS initiative - National established weed priorities towards a national framework – aim to result in National established weeds action list.

**Department of Agriculture Water and the Environment presentation - Northern Australia Biosecurity Strategy (NABS) - presented by Lisa Stevenson**

- Established working group.
- Establishing Northern Australian Biosecurity Strategy 2020-2030.
- Objective is to:
  - Strengthen collaborative partnerships,
  - Implement proactive and forward-looking approaches to surveillance and preparedness,
  - Leverage and invest in Australia's capability for the benefit of northern Australia.
- NABS steering group seeking advice from working group on:
  - How the initiatives listed for 'initial actions' in the strategy align with other northern strategies,
  - Prioritisation of the initial actions,
  - Whether any of the suggested initiatives which emerged from the consultation should be incorporated into the strategy and if so, their priority level,
  - A plan including timeline for implementing the prioritised initial actions,
  - Resulting in NABS implementation plan.
- Overall Outcomes: greater communication/engagement, preparedness, improved data sharing, implementation of research outcomes, and diagnostic capability/capacity.
- Next steps: finalise draft, review by reference group and staged implementation depending on funding and resources.

**Actions arising from meeting**

Nil actions arising from meeting.

**Next meeting: To be confirmed - Karumba late in year? Next year?  
Meeting closed: 10.35 am**



**N-COM Pty Ltd.** ABN 62 110 579 229  
2 Allworth Street, Northgate 4013  
PO Box 207, Geebung. QLD. 4034  
Ph. 07 3266 6779 Email: info@n-com.com.au

Date: 8/10/2021

Julianne Meier  
Director of Corporate Services  
Carpentaria Shire Council  
PO Box 31,  
NORMANTON QLD 4890

Dear Julianne,

Please find enclosed the maintenance reports from N-Com's visit to the Normanton and Karumba broadcast sites. In addition to the general maintenance report, the following items should be noted: -

#### **Karumba**

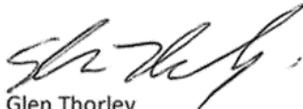
- Upon arrival to the site all services were on, however there was pixilation on the NINE group of services, the Rebel FM service had no audio, and the SEVEN group of services was missing one program feed.
- The satellite receivers and remultiplexers were tested, the remultiplexer for the NINE group required reprogramming in line with the change in network affiliation by the WIN Television Company which resulted in a loss of one channel of data. The fault with the SEVEN group transmission was traced to a faulty satellite receiver, this unit has been replaced.
- All transmitters have been tested and it was noted that the SEVEN group service transmitter has suffered what appears to be a surge either from the mains or from the Antenna system, which has upset the firmware in the transmitter leaving it permanently in Setup Mode. The unit continues to transmit and deliver the programs, however in this state, the transmitter cannot adjust its output power, nor step into protection mode during lightning strikes or shutdown in the event of high operating temperatures. This leaves it vulnerable to self-destruct. With your permission, our office will send a temporary loan unit so that this unit can be sent to workshop for repair.
- The Rebel FM service was found to not have any incoming program feed from its studio, and thus this service while fully operational, is very quiet.
- The modem for the advanced telemetry system needs to be mounted under the floor of the hut. If your IT people (who installed the system) are not able to achieve this, we will do this during our next visit. We did not have the necessary tools with us to complete this task.
- The antenna systems were measured and inspected from the ground. Both appear in good condition. On our next scheduled visit, a drone inspection will allow more accurate inspection of the antenna systems and cable and coax pathways.

**Normanton**

- Upon arrival to the site all TV services were on, however there was pixilation on the NINE group of services, the Rebel FM service had no audio, and there was no JJJ service.
- Both satellite dishes have been checked, Trees growing along the rear boundary require pruning to ensure the branches and in particular, the leaves do not block the focal direction of each dish. When the leaves are wet, the faraday shield effect will occur, impacting on radio and TV program feeds.
- The satellite receivers and remultiplexers were tested and the NINE group remultiplexer was reprogrammed to remove the pixilation and accept the new data feed.
- All transmitters were tested and adjusted to ensure operation within specification. No coverage issues were reported at time of this report.
- The JJJ service transmitter was collected from Council office and reinstalled and program level was adjusted to ensure correct deviation of carrier frequency. The Rebel FM service was checked, no incoming program was being sent from studio, thus this service is quiet.
- The antenna systems were measured and inspected from the ground. Both appear in good condition. On our next scheduled visit, a drone inspection will allow more accurate inspection of the antenna systems and cable and coax pathways.

Please do not hesitate to contact me should you have any questions regarding this maintenance

Yours Sincerely,



Glen Thorley  
Broadcast Engineer  
ACMA AP No. 20043540







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**Ref: Q2393-01**

Date: 30/11/2020

To: Mr Justin Hancock  
 Director Corporate Services  
 Carpentaria Shire Council  
 PO Box 31  
 Normanton, QLD 4890

I am pleased to offer a quotation for the following equipment and services ex Brisbane Store.

Description	Unit Price	Qty	Price
4.3 metre Prime Focus Satellite Dish - Recommended upgrade for TV commercial services - Normanton (Concrete slab to be provided by Council)	\$7,851.92	2	\$15,703.84
4.3 metre Prime Focus Satellite Dish - Recommended upgrade for TV commercial services - Karumba (Concrete slab to be provided by Council)	\$7,851.92	2	\$15,703.84
Installation, Alignment and Testing (Two crews, Five days trip)	\$8,400.00	1	\$8,400.00
Freight (Estimate)	\$3,500.00	1	\$3,500.00
Travelling Costs (Estimate)	\$5,000.00	1	\$5,000.00
<b>Total</b>			<b>\$48,307.68</b>

**Terms & Conditions**

- Currency - AUD
- Exchange Rate - 1 AUD = 0.61 EUR
- Subject to Exch. Rate Variation - Yes
- GST - Not Included
- Australian Duties - No
- Delivery - 8 Weeks
- Payment - Upon installation on site
- Validity - 28 Days
- Warranty on Eleetronika Equipment - 2 Years
- Warranty on Non-Eleetronika equipment - 1 Year

Should you have any questions please do not hesitate to contact me.

Yours sincerely,

Luca Paltera  
 Broadcast Engineer





**ORDINARY COUNCIL MEETING  
THURSDAY, 19 NOVEMBER 2020**

## **BUSINESS PAPERS**

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### **10.5 TELEVISION AND RADIO SERVICES - NORMANTON AND KARUMBA**

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<b>Attachments:</b>	NIL
<b>Author:</b>	Justin Hancock - Director of Corporate Services
<b>Date:</b>	12 November 2020
<b>Key Outcome:</b>	5.1 - Integrated and timely provision and management of sustainable infrastructure and assets
<b>Key Strategy:</b>	5.1.1 Develop a Strategic Infrastructure and Asset Management Plan to guide the provision, maintenance, decommissioning, replacement and enhancement of Council assets and infrastructure.

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#### **Executive Summary:**

Council owns and maintains satellite infrastructure for the distribution of television and radio services (excluding ABC) in Normanton and Karumba. As a result of the network degrading due to the age of the infrastructure, an increase in complaints have been received regarding the current level of service provided.

#### **RECOMMENDATION:**

That Council prepare and advertise an Expression of Interest in accordance with S228 of the Local Government Regulation 2012 for the upgrade of Council's TV & Radio Transmission.

#### **Background:**

Council owns and maintains satellite infrastructure for the distribution of television and radio services (excluding ABC) in Normanton and Karumba. The current network receives the feed through a satellite service which is then re-broadcasted from the Normanton and Karumba Water Towers throughout the townships. From the complaints received and research undertaken by Council officers it has been identified that 2 main issues currently exist:

- 1) Network interruptions received due to weather events (cloud coverage) as the signal is received via a satellite; and
- 2) The current amplification of the service through the townships is experience interference which is resulting in residents unable to connect to certain channels.

As a preliminary exercise, Council approached 2 suppliers regarding the upgrade of the television and radio services. Council's existing service provided offered a stages approach for which 4 key upgrades can occur:

- 1) Extension of existing Remote Control System and upgrade of Rebel FM equipment - the current Remote Control System allows us to log into the site and monitor both TV and FM transmitters, receive alarms, monitor mains power, room temperature and door's closure, reboot of processing equipment (satellite receivers and multiplexers). The proposed extension will allow us to access remotely to every single unit currently installed, we would be able to reprogram them if needed and monitor their status. Physical presence on site would be reduced to only cases of hardware failure, but only



**ORDINARY COUNCIL MEETING**  
**THURSDAY, 19 NOVEMBER 2020**

## **BUSINESS PAPERS**

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after assessing the system remotely. Regarding Rebel FM, both the computer and FM transmitter are very old units and they need to be replaced with new more efficient equipment, which would provide wider coverage as well.

- 2) Upgrade of offset satellite dishes - The current dishes have been working properly since their installation; however, due to their size, they do not provide optimal signal during storm activity. As result, the TV channels can be affected by pixilation or cut outs during rain; this is particularly evident with SBS service (its satellite transmission was upgraded in 2016 to a newer standard which requires higher receiving signal). Our recommendation is to upgrade those dishes to bigger ones (4.3m size) which would provide plenty of signal all year round.
- 3) Upgrade of satellite receivers (excluding SBS TV one) - All the receivers have been working properly since installation; however, they are reaching the end of their life span which causes minor issues like freezing or not reading decryption cards properly. Usually a reboot fixes them; however, we recommend a programmed phase out of those units in favour of newer and more reliable models.
- 4) 50W UHF DVB-T Transmitters for TV services – This will increase the signal distributed from Council's Water towers throughout the townships.

These upgrades have been estimated to cost \$215,000 therefore Council would need to go to tender for the works.

Council has also approached another supplier who has provided a proposal for the complete rebuild of the Normanton and Karumba sites. This proposal has multiple options Council can select from and the pricing to upgrade both the Normanton and Karumba sites range from \$345,000 up to \$460,000.

The ongoing maintenance of each option ranges between \$5,000 - \$10,000 annually, this includes all off-site monitoring etc. Additional costs for Council would be the requirement to replace hardware and wages for Council staff to attend the site if the remote support cannot resolve the issue.

Due to the high costs involved with both proposals, alternative options have been explored as an option for Council. At present, services provided by surrounding Shire's vary, Burke Shire and Richmond Shire have both advised that they currently operate television and radio huts similar to Carpentaria Shire. Whereas McKinlay Shire, Croydon Shire and Etheridge Shire have all advised that they do not operate a television service and residents access television through a Vast satellite box system.

Therefore, Council have also explored the option of providing a one-off subsidy to residents for the installation of a vast box if Council were to cease providing a television service. It is estimated that the cost to supply and install 1 satellite and vast box would be \$750. It is estimated that if Council were to provide 1 system per house/ rates notice, Council would incur a one-off expense of \$750,000. This option would however have some negative impacts to the community as households wishing to watch television in multiple bedrooms would require multiple vast boxes, services such as the hospital, motels etc. would also be



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## **BUSINESS PAPERS**

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required to purchase a vast box per room, the traveling public would require a satellite and vast box for television services, which mean many tourists may not have access to television or radio when visiting the region.

After assessing the options above, it has also been raised if alternative options, such as accessing television through fibre optic, may be a possibility moving forward. Council have contacted Local Buy to assist with the development of an expression of interest for the upgrade of Council's TV & Radio Transmission. This EOI will be released to the marketplace for proposals to be provided to Council. Once the proposals have been received, they will be assessed, and Council can elect to proceed with the preferred option which will provide the best service to the community moving forward. It is estimated that the cost to prepare and advertise the EOI will be \$15,000.

**Consultation (Internal/External):**

- Chief Executive Officer – Mark Crawley
- Electrician – Tom Loadsman
- A/ICT Support Officer – Nigel Grimstrup

**Legal Implications:**

- S228 of the Local Government Regulation 2012 allows for Council to call for the Expressions of Interest for the supply of Goods or services.

**Financial and Resource Implications:**

- The preparation and advertising of an Expression of Interest is estimated to cost Council \$15,000, these funds would be allocated to the Governance Consultants expense account. Other options presented above exceed Council's procurement policy and would require a public tender to be released.

**Risk Management Implications:**

- Medium Risk – The continued degrading network may interfere with the current television and radio broadcasting, in the event of a disaster, this may impact on Council's ability to distribute warnings to the community.

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### **9.2 MONTHLY FINANCIAL REPORT - SEPTEMBER 2021**

<b>Attachments:</b>	9.2.1. Monthly Financial Statements - September 2021 <a href="#">↓</a>
	9.2.2. Capital Expenditure Report - September 2021 <a href="#">↓</a>
	9.2.3. Cash - September 2021 <a href="#">↓</a>
	9.2.4. Major Operating Expenditures - September 2021 <a href="#">↓</a>

**Author:** Jade Nacario - Manager Finance and Administration

**Date:** 15 October 2021

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**Key Outcome:** 7.3 - Strategic management of Council

**Key Strategy:** 7.3.3 Implement sustainable financial management and effective procurement practices.

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#### **Executive Summary:**

Presentation of the financial report for September 2021 as required under section 204 of the *Local Government Regulation 2012*. The report is presented for noting and indicates whether Council is progressing satisfactorily against its current budget.

#### **RECOMMENDATION:**

That Council accepts the Monthly Financial Report, as required under section 204 of the *Local Government Regulation 2012* for the period ended 30 September 2021.

#### **FINANCIAL REPORT**

The Monthly Finance Reports are prepared in accordance with the reporting requirements of the *Local Government Act 2009* and *Local Government Regulation 2012 s204*.

The following reports for 30 September 2021 are attached for Council's information.

- Statement of Comprehensive Income
- Statement of Comprehensive Income by Category
- Statement of Financial Position
- Cashflow Statement
- Accounts Summary

#### **Statement of Comprehensive Income**

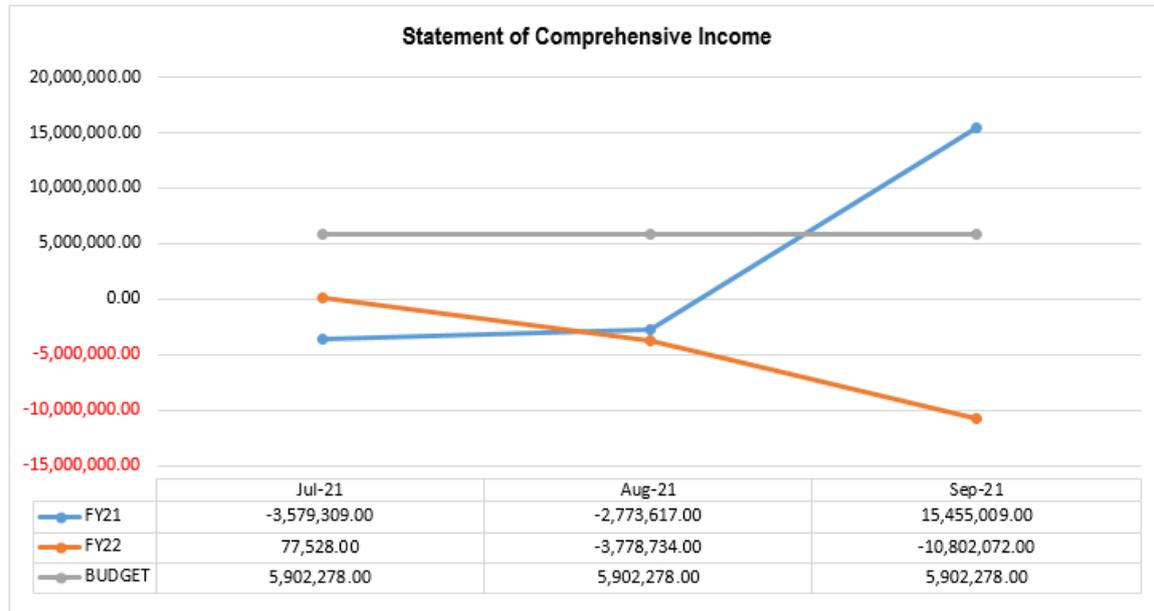
For the third month of the financial year 2021/2022, the comprehensive income statement indicated a net result of \$10,802,071 in deficit which is the sum of \$7,943,256 in recurrent revenue, \$18,745,327 in recurrent expenditure and \$2,517,055 in capital income. Depreciation expenditure for this month is not included in the report as the 2020/2021 asset year is not yet finalized. As per budget, the estimated depreciation expense for this month is \$2,486,571.

Whilst the large deficit is concerning, much of it results from sales and recoverable works performed and expenditure incurred, but revenue from progress claims on the works has not

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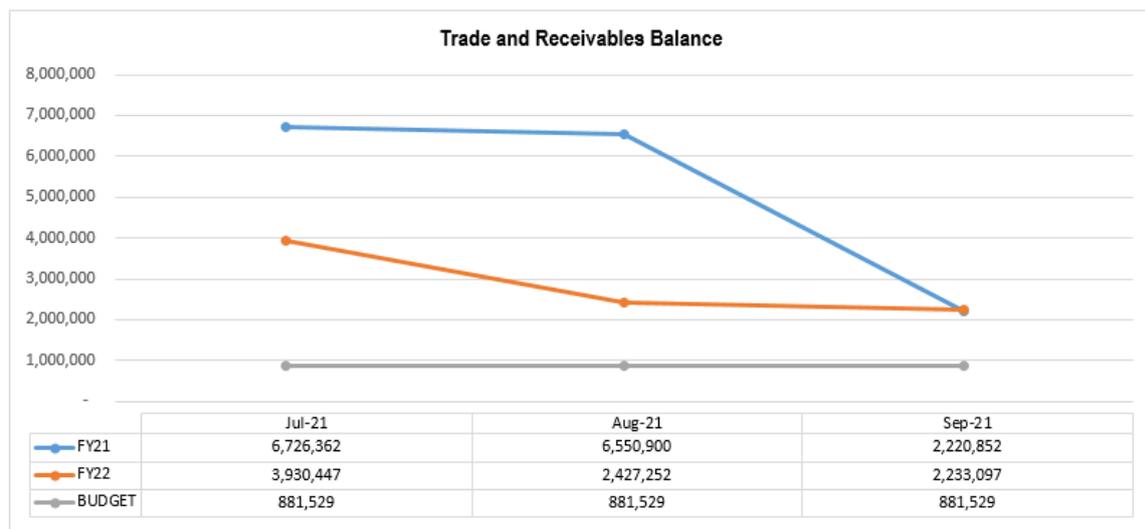
## BUSINESS PAPERS

yet been recognised. The deficit will reduce once the works are signed off and the revenue subsequently recognised.



### Financial Position Reports

The graph below shows Council's *Trade and Receivables* balance of \$ 2,233,097. The receivables balance is made up of rates receivable \$573,791 and the remaining balances are receivables from community loans, Main Roads recoverable works and airport charges.



### Rates and Service Charges Receivables

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The issue of the Rate Notices has not progressed as planned this financial year. Unfortunately, resourcing of staff and contractors to complete the rating processes, was simply outside the control of Council.

However, all modelling has now been completed, and rating processes are in the final stages. The review of water usage readings has been completed by relevant officers. The total excess water revenue was \$244,893, which shows as a negative amount in the Statement of Comprehensive Income because the accounting treatment is to recognise the revenue in the period the consumption of water occurred. The consumption period was 1 January 2021 to 30 June 2021, and the water meter readings were conducted in June 2021.

The Rates Notices are expected to be issued within one week of writing this report. Usually, the Rate Notices are sent to a print house where they are printed and mailed on the Gold Coast. This year the Rate Notices are planned to be printed in house and mailed locally from both the Normanton and Karumba Post Offices.

The outstanding rates for the month of September 2021 is significantly lower compared to the balance of August last year. This is because the first levy was issued in August last year and the discount period was 30 days after which falls on the following month.

This year Council has a revised Debt Recovery Policy, a new Hardship Policy and a number of other rating policies. These are all available on Council's website at <https://www.carpentaria.qld.gov.au/council/governance/policies>

Any rate arrears shall be followed up in accordance with the Debt Recovery Policy which sets out clear timelines of when various processes shall occur. Ratepayers with arrears are encouraged to review Council's Hardship Policy to see if they meet the eligibility criteria. Ratepayers can also simply contact Council's Revenue Officer for assistance.

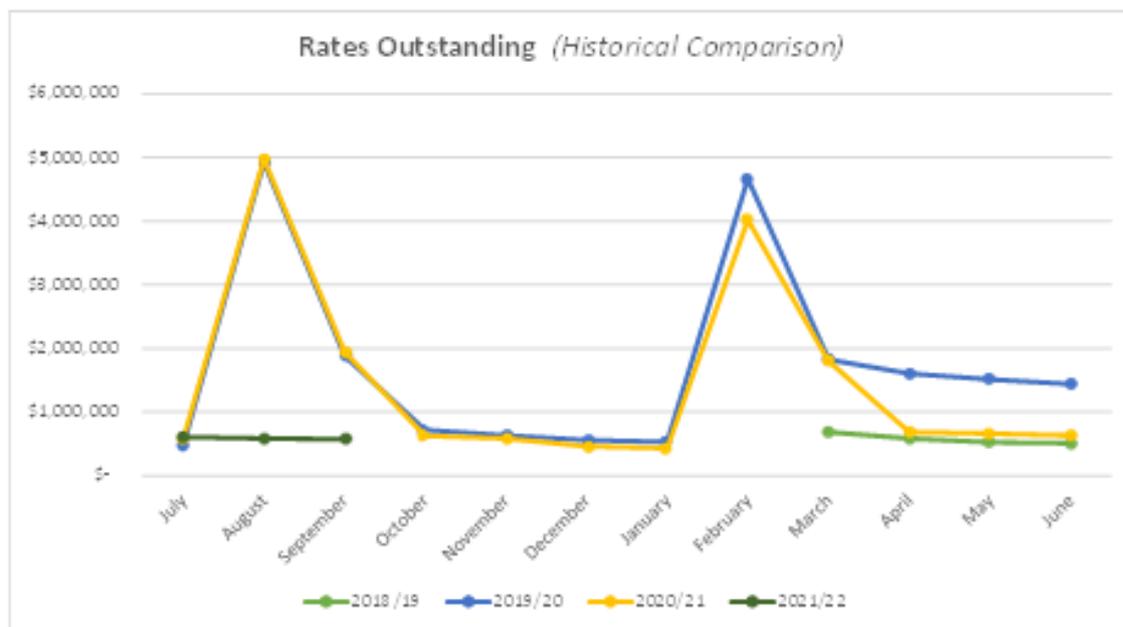
Council officers shall make every effort to contact ratepayers in arrears, however where these efforts are unsuccessful, officers shall have no options but to refer to debt to Council's Recovery Agent, pursue further.

Where a debt is referred to Council's Recovery Agent the Recovery Agent is still required to follow Council's Debt Recovery Policy timelines.

It is anticipated there are currently eleven properties eligible for sale of land. If these properties remain in arrears, the Recovery Agent will be assisting Council to progress these properties through the sale of land process which will take at least six months.

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Rates Outstanding					
	%	Sep-21	Aug-21	Jul-21	Sep-20
Current Year	0%	-	-	-	1,455,377
1 Year Arrears	38%	281,134	281,274	288,201	185,899
2 Year Arrears	16%	118,544	119,414	120,262	71,135
3+ Year Arrears	26%	195,492	196,154	197,754	164,271
Interest	20%	153,183	138,306	138,458	167,845
Credits		(174,562)	(154,736)	(137,968)	(100,397)
<b>Balance</b>	<b>100%</b>	<b>573,791</b>	<b>580,412</b>	<b>606,707</b>	<b>1,944,130</b>



### Major Operating Expenditure Report 2021/2022

This report shows operational projects, some of which are grant funded, Council funded or a combination of both. Please see attached Major Operating Projects Report.

### Capital Expenditure Report 2021/2022

Council has a capital budget of \$16.1 million for the 2021/2022 financial year. The attached capital expenditure report shows some projects are multi-year projects and identifies how the project is funded and how the project is tracking against the budget. Council is heavily reliant on grant funding for most capital expenditure, however the following items are fully funded by Council:

- Fleet and Plant Replacement \$1,557,699
- Gilbert St Pontoon Repairs \$ 15,000
- Disability Access Footpaths in Karumba and Normanton \$ 105,000

The following projects are partly funded by Council:

## BUSINESS PAPERS

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- Disaster Coordination Centre
- Normanton-Burketown Sealing
- Glenore Weir Rectification Stage 2
- Raw Water Irrigation
- Shire Office – External Repaint

For capital works that are externally funded, work shall not commence, other than minor preliminary costs, until the funding agreements have been executed. It is noted that any preliminary works are not able to be acquitted against the grant.

The Capital Expenditure budget will be continually assessed to ensure the projects are managed within the budget. Where savings from under expenditure are achieved, it is likely this saving will be offset against other unplanned works. Failure of critical assets is an example of reallocation of budgetary resources. Ideally Council would maintain assets to a standard and spend an amount equivalent to its annual depreciation to achieve this.

Council's capital expenditure for the month of September 2021 was \$4.645m of the \$16.1m budget. Additionally, there is \$3.258 million in commitments shows works on those projects are underway.

There are some projects in the capital expenditure budget that don't have whole of project costs, and many of these represent carryover amounts from the prior year budget. An assessment shall be conducted in the coming weeks to determine whether these projects are finished and can be closed out.

### **QTC Loans**

Council currently has three loans with Queensland Treasury Corporation (QTC), the details are shown below:

<b>Loan Purpose</b>	<b>Balance</b>	<b>Maturity Date</b>
Glenore Weir	4,585,925	15 March 2035
Karumba Sewerage	1,766,918	15 June 2030
Normanton Water	972,509	15 March 2031
<b>TOTAL</b>	<b>7,325,353</b>	

### **Consultation (Internal/External):**

- Executive Leadership Team, Managers and relevant officers

### **Legal Implications:**

- *Local Government Regulation 2012*, section 204:
  1. The local government must prepare a financial report.
  2. The chief executive officer must present the financial report –

## **BUSINESS PAPERS**

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- a. if the local government meets less frequently than monthly—at each meeting of the local government; or
  - b. otherwise — at a meeting of the local government once a month.
3. The financial report must state the progress that has been made in relation to the local government's budget for the period of the financial year up to a day as near as practicable to the end of the month before the meeting is held.

*Local Government Act 2009*

**Financial and Resource Implications:**

- The report identifies how Council is tracking against the adopted operational and capital budgets for the financial year.

**Risk Management Implications:**

- Risk is considered low and Council will be advised if major items deviate from the adopted budget and forecasts.



**Statement of Comprehensive Income by Category**  
 for the period ended 30 September 2021

	Core \$	QRA \$	Non-Core \$	Total \$	Budget \$
<b>Income</b>					
<b>Revenue</b>					
<b>Recurrent revenue</b>					
Rates, levies and charges	(244,893)	-	-	(244,893)	8,183,000
Fees and charges	122,503	-	250,951	373,454	539,000
Rental income	5,507	-	49,134	54,641	581,000
Interest received	29,786	-	-	29,786	200,000
Sales revenue	4,078,679	-	45,083	4,123,762	10,408,500
Other income	111,768	-	-	111,768	20,000
Grants, subsidies, contributions and donations	767,668	114,315	95,698	977,682	46,487,331
	<u>4,871,019</u>	<u>114,315</u>	<u>440,866</u>	<u>5,426,200</u>	<u>66,418,831</u>
<b>Capital revenue</b>					
Grants, subsidies, contributions and donations	2,517,055	-	-	2,517,055	11,143,759
<b>Total revenue</b>	<u>7,388,075</u>	<u>114,315</u>	<u>440,866</u>	<u>7,943,256</u>	<u>77,562,590</u>
Capital income	-	-	-	-	-
<b>Total income</b>	<u>7,388,075</u>	<u>114,315</u>	<u>440,866</u>	<u>7,943,256</u>	<u>77,562,590</u>
<b>Expenses</b>					
<b>Recurrent expenses</b>					
Employee benefits	(1,317,104)	(309,776)	(158,929)	(1,785,809)	(10,852,910)
Materials and services	(4,341,171)	(12,233,726)	(287,428)	(16,862,326)	(50,491,285)
Finance costs	(97,193)	-	-	(97,193)	(369,824)
Depreciation	-	-	-	0	(9,946,292)
	<u>(5,755,468)</u>	<u>(12,543,502)</u>	<u>(446,357)</u>	<u>(18,745,327)</u>	<u>(71,660,312)</u>
<b>Capital expenses</b>	0	0	0	0	-
<b>Total expenses</b>	<u>(5,755,468)</u>	<u>(12,543,502)</u>	<u>(446,357)</u>	<u>(18,745,327)</u>	<u>(71,660,312)</u>
<b>Net result</b>	<u>1,632,607</u>	<u>(12,429,187)</u>	<u>(5,491)</u>	<u>(10,802,071)</u>	<u>5,902,278</u>
<b>Other comprehensive income</b>					
<b>Items that will not be reclassified to net result</b>					
Increase / (decrease) in asset revaluation surplus	-	-	-	-	-
<b>Total other comprehensive income for the year</b>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<b>Total comprehensive income for the year</b>	<u>1,632,607</u>	<u>(12,429,187)</u>	<u>(5,491)</u>	<u>(10,802,071)</u>	<u>5,902,278</u>

Non Core activities include Les Wilson Barra Discovery Centre, Hatchery, Child Care, Gym, Staff Housing and Prisoner Housing



**Statement of Comprehensive Income**  
 for the period ended 30 September 2021

	30 September 2021	2021.2022
	Actual	Adopted Budget
	\$	\$
<b>Income</b>		
Recurrent Revenue		
Rates and Charges	-	8,183,000
Fees and Charges	373,454	539,000
Rental Income	54,641	581,000
Interest Received	29,786	200,000
Sales & Recoverable Works	4,123,762	10,408,500
Other Recurrent Income	111,768	20,000
Grants, Subsidies and Contributions	977,682	46,487,331
<b>Total Recurrent Revenue</b>	<b>5,426,200</b>	<b>66,418,831</b>
Capital Revenue		
Grants, Subsidies and Contributions	2,517,055	11,143,759
Capital Income	0	0
<b>Total Income</b>	<b>7,943,256</b>	<b>77,562,590</b>
<b>Expenses</b>		
Recurrent Expenses		
Administration and Governance	(1,396,577)	(5,040,129)
Community	(538,246)	(2,907,107)
Engineering	(803,526)	(4,474,418)
Fleet and Plant	791,026	4,877,878
Recoverable Works	(3,173,878)	(9,096,300)
Environment	(342,693)	(1,283,144)
DRFA	(12,543,502)	(40,031,791)
Tourism	(307,771)	(1,254,213)
Water and Sewerage	(332,969)	(2,134,971)
Finance Costs	(97,193)	(369,824)
Depreciation	0	(9,946,292)
<b>Total Expenses</b>	<b>(18,745,327)</b>	<b>(71,660,312)</b>
Capital Expenses	-	-
<b>Total Expenses</b>	<b>(18,745,327)</b>	<b>(71,660,312)</b>
<b>Net Result</b>	<b>(10,802,072)</b>	<b>5,902,278</b>



**Statement of Financial Position**  
 as at 30 September 2021

	30 September 2021	2021.2022
	Actual	Adopted Budget
	\$	\$
<b>Current Assets</b>		
Cash and Equivalents	18,876,147	36,376,615
Trade and Other Receivables	2,233,097	881,529
Inventories	760,791	424,693
Other Financial Assets	501,050	433,982
ATO Receivable	1,787,629	0
Contract Assets	6,036,520	14,435,566
<b>Total Current Assets</b>	<b>30,195,235</b>	<b>52,552,385</b>
<b>Non-Current Assets</b>		
Receivables	143,171	90,571
Property, Plant and Equipment	302,282,137	344,165,589
Capital Works in Progress	8,434,796	16,157,389
<b>Total Non-Current Assets</b>	<b>310,860,103</b>	<b>360,413,549</b>
<b>TOTAL ASSETS</b>	<b>341,055,338</b>	<b>412,965,934</b>
<b>Current Liabilities</b>		
Trade and Other Payables	2,531,751	7,530,468
ATO Payable	0	198,786
Interest Bearing Liabilities	502,189	512,809
Provisions	1,173,064	1,285,765
Other Accounts Payable	100,000	100,000
Contract Liabilities	15,894,510	20,415,906
Lease Liabilities	78,000	0
<b>Total Current Liabilities</b>	<b>20,279,513</b>	<b>30,043,734</b>
<b>Non-Current Liabilities</b>		
Interest Bearing Liabilities	6,823,164	6,439,150
Provisions	1,423,133	1,937,954
Other Accounts Payable	100,000	100,000
Lease Liabilities	68,152	0
<b>Total Non-Current Liabilities</b>	<b>8,414,449</b>	<b>8,477,104</b>
<b>TOTAL LIABILITIES</b>	<b>28,693,962</b>	<b>38,520,838</b>
<b>NET COMMUNITY ASSETS</b>	<b>312,361,376</b>	<b>374,445,096</b>
Community Equity		
Asset Revaluation Reserve	208,975,782	269,621,280
Retained Surplus	103,385,594	104,823,816
<b>TOTAL COMMUNITY EQUITY</b>	<b>312,361,376</b>	<b>374,445,096</b>



**Cash Flow Statement**  
 for the period ended 31 August 2021

	30 September 2021	2021-2022
	Actual	Adopted Budget
	\$	\$
<b>Cash Flows From Operating Activities:</b>		
Receipts From Customers	5,693,904	19,185,439
Payments to Suppliers and Employees	(22,140,708)	(61,444,195)
	<u>(16,446,804)</u>	<u>(42,258,756)</u>
Interest Received	29,786	200,000
Rental Income	54,641	581,000
Non Capital Grant and Contributions	977,682	46,487,331
Borrowing Costs	(97,193)	(369,824)
<b>Net Cash Flows From Operating Activities</b>	<u>(15,481,887)</u>	<u>4,639,751</u>
<b>Cash Flows From Investing Activities:</b>		
Payments for Property, Plant and Equipment	(4,808,738)	(16,157,389)
Proceeds From Sale of Property, Plant and Equipment	0	2,184,000
Grants, Subsidies and Contributions	2,517,055	11,143,759
<b>Net Cash Flows From Investing Activities</b>	<u>(2,291,683)</u>	<u>(2,829,630)</u>
<b>Cash Flows From Financing Activities</b>		
Repayment of Borrowings	(119,613)	(487,349)
<b>Net Cash Flows From Financing Activities</b>	<u>(119,613)</u>	<u>(487,349)</u>
Net Increase (Decrease) in Cash Held	(17,893,183)	1,322,772
Cash at Beginning of Reporting Period	36,769,331	35,053,843
<b>Cash at End of Reporting Period</b>	<u>18,876,147</u>	<u>36,376,615</u>



**Accounts Summary**

	30 September 2021	31 August 2021
	\$	\$
<b>General Accounts</b>		
Westpac General Operating Accounts	663,288	717,970
QTC General Fund	15,292,254	23,666,582
QTC Sewerage Reserve	477,745	477,745
QTC Airport Reserve	144,728	144,728
QTC Water Supply Reserve	716,313	716,313
QTC Land Development Reserve	0	0
QTC Plant Replacement Reserve	1,577,306	1,577,306
QTC Flood Damage Event 2021 Reserve	0	0
<b>Total balance held in banks</b>	<b>18,871,634</b>	<b>27,300,643</b>
<b>Trust Accounts</b>		
Queensland Treasury Corporation	91,378	91,378
Westpac Bank	35,529	34,979
<b>Total balance held in trust</b>	<b>126,907</b>	<b>126,357</b>
<b>Other Balances</b>		
CSC Reserves	11,070,235	11,570,235
CSC Provisions	2,596,197	2,263,560
Net of Contract Assets and Liabilities	9,857,990	8,362,230
<b>Total balance reserves, provisions and contract liabilities</b>	<b>23,524,421</b>	<b>22,196,025</b>
<b>QTC Borrowings</b>		
Karumba Sewerage	1,766,918	1,823,703
Normanton Water Upgrade	972,509	1,001,531
Glenore Weir	4,585,925	4,681,071
<b>Total balance QTC borrowings</b>	<b>7,325,353</b>	<b>7,506,304</b>
<b>Net Council Position</b>	<b>-11,978,140</b>	<b>-2,401,686</b>

**Carpentaria Shire Council - Capital Expenditure Budget - 2021-2022**

30/09/2021 Data Updated

Job No	Project Description	Asset Class	Type	Project Expense Budget	Project Funding Sources			Councils Contrib'n to Project	Actuals from Prior Years	Original Budget 2021-2022	Additional Items 2021-2022	YTD Expenses 2021-2022	Committed Orders	Total Expenses 2021-2022
					Project Grant Funding	Asset Sale / Trade-In								
QRRRFT	Disaster Coordination Centre - Construct, Demolish Depot	Buildings	R	426,259	376,259	0	50,000	0	426,259	0	0	0	0	0
CO2106	John Henry Oval - New Change Rooms/3 Bay	Other	U	900,000	900,000	0	0	0	900,000	0	0	0	772,773	772,773
CP2101	Shed/Undercover Area	Plant and Equipme	R	36,000	0	0	36,000	0	30,000	0	0	0	0	0
CP2102	P4138 - Graco Linelazer IV 2509FS (linemarket)	Plant and Equipme	R	516,000	0	320,000	196,000	0	516,000	0	516,252	0	0	516,252
CP2102	CATERPILLAR 140M MOTOR GRADER (sell P3018 & P3131)	Plant and Equipme	R	0	0	30,000	-30,000	0	0	0	0	0	0	0
CP2115	P1673 - Toyota Landcruiser Prado GXL Wagon (M Pickering)	Plant and Equipme	R	62,370	0	15,000	47,370	0	62,370	0	0	0	62,370	62,370
CP2104	P1680 - Toyota Hilux SR Dual Cab 4x4 Utility	Plant and Equipme	R	60,000	0	15,000	45,000	0	60,000	0	0	0	0	0
CP2119	P1665 - Toyota Landcruiser Single Cab Workmate - Plumber	Plant and Equipme	R	78,000	0	25,000	53,000	0	78,000	0	87,346	0	0	87,346
CP2112	P1770 - Ford Ranger Extra Cab 4x4 Utility - Local Laws	Plant and Equipme	R	56,890	0	15,000	41,890	0	56,890	0	0	0	56,890	56,890
CP2116	P1604 - Toyota Hilux SR Dual Cab 4x4 Utility - Engineer	Plant and Equipme	R	78,000	0	15,000	63,000	0	78,000	0	58,426	0	0	58,426
CP2117	Worx	Plant and Equipme	R	75,754	0	25,000	50,754	0	75,754	0	0	0	75,754	75,754
CP2114	P1605 - Toyota Hilux SR 4x4 Single Cab Utility - Carpenter	Plant and Equipme	R	72,273	0	7,000	65,273	0	72,273	0	72,265	0	0	72,265
CP2113	P1568 - Toyota Hilux SR DC Styleside Ute - WPHS	Plant and Equipme	R	58,726	0	5,000	53,726	0	58,726	0	0	0	58,726	58,726
CP2120	P1608 - Toyota Landcruiser Workmate Utility - Workshop	Plant and Equipme	R	72,745	0	5,000	67,745	0	72,745	0	72,737	0	0	72,737
CP2107	P1781 - Toyota Hilux SR TD 4x4 Dual Cab Utility - Foreman	Plant and Equipme	R	59,438	0	0	59,438	0	59,438	0	0	0	59,438	59,438
CP2108	P1769 - Toyota Hilux SR TD 4x4 Dual Cab Utility - Foreman	Plant and Equipme	R	59,438	0	0	59,438	0	59,438	0	0	0	59,438	59,438
CP2109	P1750 - Toyota Hilux SR 4x4 Dual Cab Utility - Foreman	Plant and Equipme	R	59,438	0	8,000	51,438	0	59,438	0	0	0	59,438	59,438
CP2110	P1771 - Toyota Hilux SR 4x4 Dual Cab Utility - Foreman	Plant and Equipme	R	59,438	0	8,000	51,438	0	59,438	0	0	0	59,438	59,438
CP2111	P1774 - Toyota Hilux SR TD 4x4 Dual Cab Utility - Foreman	Plant and Equipme	R	59,438	0	8,000	51,438	0	59,438	0	0	0	59,438	59,438
Plant # Fix	P4016 - Jacobsen R-311T Wide area Mower	Plant and Equipme	R	60,000	0	6,000	54,000	0	60,000	0	0	0	0	0
Plant # Fix	P4013 - Kubota F3680 Front Deck Mower	Plant and Equipme	R	60,000	0	6,000	54,000	0	60,000	0	0	0	0	0
CP2118	P1772 - Toyota Landcruiser Dual Cab - Mayor	Plant and Equipme	R	80,751	0	45,000	35,751	0	80,751	0	0	0	80,751	80,751
	P6500 Cardboard Shredder - Karumba Transfer St	Plant and Equipme	R	0	0	7,000	-7,000	0	0	0	0	0	0	0
	P4139 Vermeer BC1200XL Wood Chipper	Plant and Equipme	R	0	0	6,000	-6,000	0	0	0	0	0	0	0
Plant # Fix	P3136 Caterpillar 936E Landfill Compactor	Plant and Equipme	R	0	0	13,000	-13,000	0	0	0	0	0	0	0
	New Forklift - Karumba Sewerage Treatment Plant	Plant and Equipme	N	60,000	0	0	60,000	0	60,000	0	0	0	0	0
	Garbage Truck (disposal)	Plant and Equipme	R	405,000	0	60,000	290,000	0	405,000	0	0	0	0	0
	Fleet Budget 2021-2022 (Priorities to be Identified)	Plant and Equipme	R	95,000	0	40,000	55,000	0	95,000	0	0	0	0	0

**Carpentaria Shire Council - Capital Expenditure Budget - 2021-2022**

30/09/2021 Data Updated

Job No	Project Description	Asset Class	Type	Project Expenditure Budget	Project Funding Sources			Councils Contribution to Project	Actuals from Prior Years	Original Budget 2021-2022	Additional Items 2021-2022	YTD Expenses 2021-2022	Committed Orders	Total Expenses 2021-2022
					Project Grant Funding	Asset Sale / Trade-In								
CR2103	Normanton-Burketown Seal Project 13 CSC 0016 1819E REC (Prev CR2003)	Roads	U	744,059	717,649	0	26,410	10,260	744,059	0	104,587	240,846	345,432	
CR2102	Normanton-Burketown Seal Project 11/12 CSC 0017 1819E REC (Prev CR2004)	Roads	U	2,657,714	2,549,004	0	108,710	4,893	2,657,714	0	1,030,717	927,571	1,958,288	
CW1902	Glennore Weir Rectification Stage 2 (IGCSF) Sewerage - Ora Betterment Program 2020	Water Sewer	U	2,800,000	1,680,000	0	1,120,000	1,540,758	1,500,000	0	0	0	0	
CR2001	De-sludging of Sewerage Lagoon (NDPR)	Water Sewer	U	974,558	974,558	0	0	533	974,558	0	753,496	0	753,496	
QR8P2001	CSC 0040 1819E DWS Replace Damaged Manholes	Sewer	R	8,000	6,000	0	2,000	0	8,000	0	0	0	0	
QR8P2002	Replace Damaged Manholes	Sewer	R	8,000	6,000	0	2,000	0	8,000	0	0	0	0	
CW2007	BBRF - Raw Water Irrigation	Water	N	906,000	679,500	0	226,500	759,213	187,000	0	95,500	41,500	137,000	
CW2007A	BBRF - Raw Water Delivery Line Replacement Karumba Pool Filtration Pumps (Replace existing pumps to increase efficiency)	Water	R	20,000	20,000	0	0	0	20,000	0	0	0	0	
LRCIP6	Increase efficiency)	Other	R	20,000	20,000	0	0	0	20,000	0	0	0	0	
WQ2201	Town Beautification - Landborough St Development	Other	N	200,000	200,000	0	0	0	10,000	0	0	0	0	
WQ2202	Town Beautification - School Dam Precinct Development Council Staff Housing - Renewals - Prioritised per condition assessments	Other Buildings	N R	300,000 400,000	300,000 400,000	0	0	0	5,000 135,000	3,843	0	0	3,843	
WQ2203	Onsite Chlorine Generators - Normanton & Karumba Pools	Other	R U	400,000 320,000	400,000 320,000	0	0	0	320,000	0	0	0	0	
WQ2204	Water Treatment Plant - Normanton - Reservoir Repairs	Water	R	210,000	210,000	0	0	0	0	0	0	0	0	
WQ2205	Water Treatment Plant - Controls/Monitoring - Priorities to be established	Water	R	180,000	180,000	0	0	0	15,000	0	0	0	0	
WQ2206	Karumba Airport Power Supply Upgrade	Buildings	U	60,000	60,000	0	0	0	60,000	0	0	17,386	17,386	
RRF001	Glennore Weir Emergency Intake and Infrastructure	Water	R	320,000	320,000	0	0	0	320,000	0	0	0	0	
RRF001B	Glennore Weir Emergency Intake Structure	Water	R	320,000	320,000	0	0	0	0	0	0	164,260	164,260	
RRF002	Karumba Water Tower/Reservoirs On site Chlorine Generator	Water	U	180,000	180,000	0	0	0	180,000	0	0	0	0	
RRF003	Normanton Water Treatment Plant - Study & Design (increase potable supply)	Water	N	40,000	40,000	0	0	0	40,000	0	0	0	0	
RRF004	Karumba Sewerage System - System Review & Master Plan	Sewer	N	80,000	80,000	0	0	0	10,000	0	0	0	0	
RRF005	Water Treatment Plant - Normanton - Diversion of pipework to improve operational efficiency	Water	N	150,000	150,000	0	0	0	0	0	0	0	0	
WQC203	Normanton Water Treatment Plant Upgrades & Mice	Water	R	28,942	0	0	0	28,942	0	0	28,942	0	28,942	
WQC203A	Nin Water Treatment - Clarifier Installation	Water	R	20,717	0	0	0	20,717	0	0	20,717	0	20,717	
WQC203B	Nin Water Treatment - Filter Refurbish	Water	R	0	0	0	0	0	0	0	0	0	0	
WQC203E	Normanton Water Treatment Plant Upgrades And Maintenance Pipeline Repair Phase 1	Water	U	416	0	0	0	416	0	0	416	0	416	

**Carpentaria Shire Council - Capital Expenditure Budget - 2021-2022**

30/09/2021 Data Updated

Job No	Project Description	Asset Class	Type	Project Funding Sources					Actuals from Prior Years	Original Budget 2021-2022	Additional Items 2021-2022	YTD Expenses 2021-2022	Committed Orders	Total Expenses 2021-2022
				Project Expense Budget	Project Grant Funding	Asset Sale / Trade-In	Councils Contrib'n to Project							
RRF006	Karumba Airport Weather Station	Other	N	87,000	87,000	0	0	0	0	0	0	0	0	0
CO2104	Gilbert Street Pontoon Repairs	Other	R	15,000	0	0	15,000	0	15,000	0	0	0	0	0
CR2105	Disability Access Normanton - Footpaths	Roads	R	60,000	0	0	60,000	0	60,000	0	1,770	0	1,770	0
CR2106	Disability Access Karumba - Footpaths	Roads	R	45,000	0	0	45,000	0	45,000	0	0	0	0	0
CR2108	ATSI TIDS Dunbar Kowanyama Road Floodway	Roads	U	925,000	925,000	0	0	412,628	844,600	512,384	512,384	0	512,384	0
LRCIP5	Normanton Entry Signage (Similar to Karumba Signage)	Other	N	55,000	55,000	0	0	13,500	41,500	27,000	27,000	0	27,000	0
LRCIP6	Shire Office - External Repair	Buildings	R	108,000	50,000	0	58,000	0	108,000	0	0	0	0	0
CP2201	Shire Office - Photocopier	Plant and Equipme	R	17,000	0	0	17,000	0	17,000	16,547	16,547	0	16,547	0
	Roads of Strategic Importance (Ntn to Burketown Rd) (Sealing)	Roads	U	0	0	0	0	0	0	0	0	0	0	0
RR2201	TIDS/R2R/Council - Normanton to Burketown - Sealing Works	Roads	U	1,820,000	1,621,924	0	198,076	0	1,820,000	1,055,684	412,733	1,468,418	0	1,468,418
CR2201	Magnificent Creek (Plains Creek) Causeway Upgrade Kowanyama Rd	Roads	U	975,000	975,000	0	0	0	975,000	9,715	0	9,715	0	9,715
CL1801	Lilyvale Subdivision Stage 1	Land	N	1,500,000	0	1,500,000	0	0	1,500,000	12,159	0	12,159	0	12,159
New WO	Water Infrastructure	Water	N							0	0	0	0	0
New WO	Road Construction - Access Road	Roads	N							0	0	0	0	0
New	Kerb and Channel across from Christian College, Thompson Street	Roads	U	228,882	218,882	0	10,000	0	228,882	0	0	0	0	0
New	Karumba Point Shoreline	Other	N	530,000	500,000	0	30,000	0	530,000	0	0	0	0	0
CP2202	Depot - Switchboard 48Port	Plant and Equipme	R				0	0		8,735	8,735	0	8,735	0
WO2006	Capex - W4Q 19 21- Ablution Block - Karumba Boat Ramp	Buildings								2,117	760	2,877	0	2,877
CR1908	Kba Truckstop - Rectification	Roads								188	0	188	0	188
RR2101	Capex - Tids/R2R - Normanton To Burketown Road (Closed)	Roads								126,039	0	126,039	0	126,039
CS2001	Capex - Inlet Screen- Kba	Sewer								0	0	0	0	0
CS2101	Capex - Dec-Sludging Of Sewerage Lagoon (Ndrp)	Sewer								0	0	0	0	0
WO2004	Capex - Normanton Sewerage Treatment Plant Effluent Irrigation Replacement	Sewer								0	0	0	0	0
WO2009	Capex - W4Q 19 21- Normanton Showgrounds, Racecourse & Rodeo Grounds - Transformer Upgrade	Other								2,604	2,718	5,322	0	5,322
CP2106	Capex - Tacr3 - Carpentaria Keeps It Cool - Ntn Sports Centre	Buildings								44	0	44	0	44
LRCIP1	Capex - Urclp - Cemetery - Rodeo Grounds Footpath	Roads								0	2,380	2,380	0	2,380
CR2107	Capex - Shire Grid Installations	Roads								0	13,960	13,960	0	13,960
CO2008	Capex - Odrf - (Closed) Flinders River Floodplain Investigation And Assessment	Roads								55,000	0	55,000	0	55,000
				<b>20,467,171</b>	<b>14,775,716</b>	<b>2,184,000</b>	<b>3,452,395</b>	<b>2,741,785</b>	<b>16,157,889</b>	<b>758,882</b>	<b>4,645,716</b>	<b>3,258,023</b>	<b>7,903,799</b>	

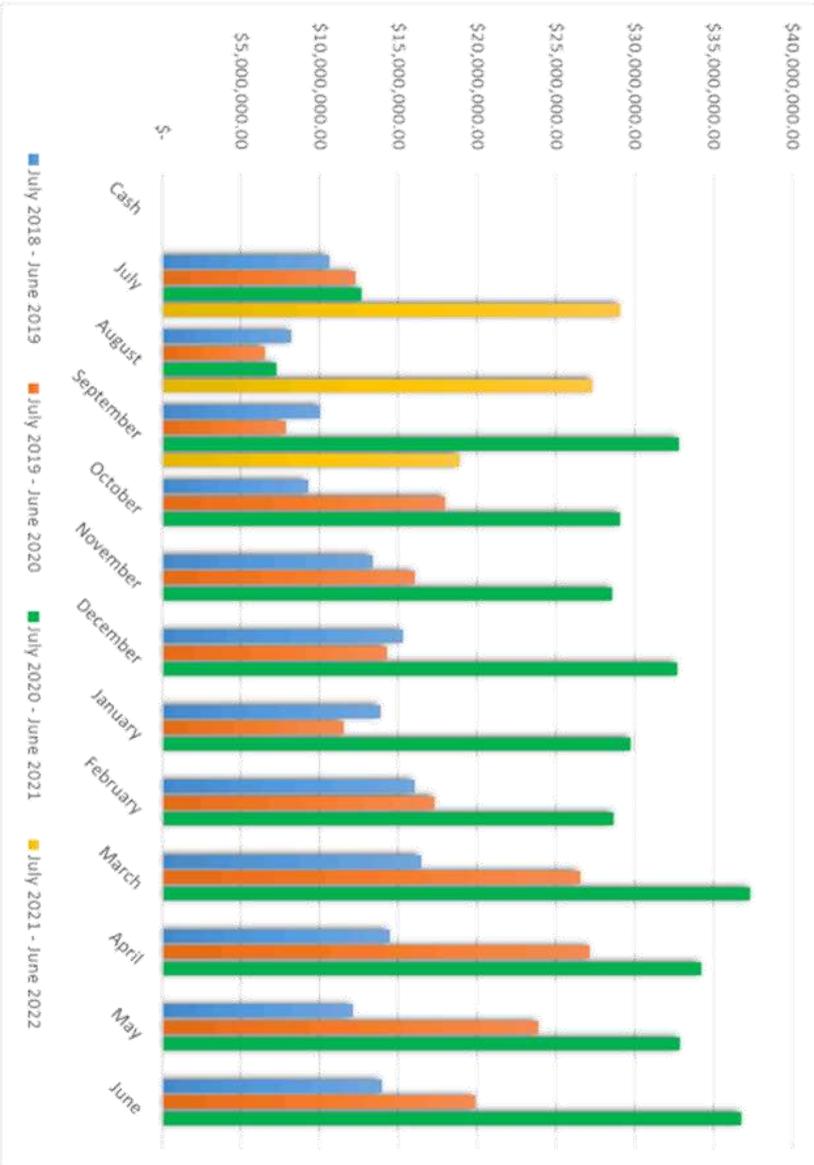
**Carpentaria Shire Council - Capital Expenditure Budget - 2021-2022**

30/09/2021 Data Updated

Job No	Project Description	Asset Class	Type	Project Funding Sources				Actuals from Prior Years	Original Budget 2021-2022	Additional Items 2021-2022	YTD Expenses 2021-2022	Committed Orders	Total Expenses 2021-2022
				Project Expenditure Budget	Project Grant Funding	Asset Sale / Trade-In	Councils Contrib'n to Project						
<b>Capital Expenditure by Asset Class</b>													
Roads				7,455,655	7,007,459	0	448,196		7,146,573				
Plant and Equipment				2,241,699	0	684,000	1,502,699		2,235,699				
Land				1,500,000	0	1,500,000	0		1,500,000				
Sewer				1,062,558	1,060,558	0	2,000		992,558				
Water				4,786,000	3,439,500	0	1,346,500		2,242,000				
Other				2,427,000	2,382,000	0	45,000		1,311,500				
Buildings				994,259	886,259	0	108,000		729,259				
				<b>20,467,171</b>	<b>14,775,776</b>	<b>2,184,000</b>	<b>3,452,395</b>		<b>16,157,389</b>				
<b>Capital Expenditure by Type</b>													
U				12,585,213	11,122,017	0	1,463,196		10,975,931				
N				3,908,000	2,091,500	1,500,000	316,500		1,853,500				
R				3,973,958	1,562,259	684,000	1,672,699		3,327,958				
				<b>20,467,171</b>	<b>14,775,776</b>	<b>2,184,000</b>	<b>3,452,395</b>		<b>16,157,389</b>				

CASH

Cash	July	August	September	October	November	December	January	February	March	April	May	June
2019	\$10,624,212.00	\$8,210,979.00	\$10,052,874.00	\$9,230,314.00	\$13,365,287.00	\$15,294,953.00	\$13,866,629.00	\$16,004,746.00	\$16,406,721.00	\$14,429,103.00	\$12,076,778.00	\$13,940,891.00
2020	\$12,280,567.00	\$6,538,396.00	\$7,802,385.00	\$17,986,246.00	\$16,045,726.00	\$14,253,941.00	\$11,534,551.00	\$17,310,350.00	\$26,505,321.00	\$27,149,119.00	\$23,891,105.00	\$19,895,041.00
2021	\$12,668,763.00	\$7,267,828.00	\$32,799,197.00	\$29,061,031.00	\$28,569,461.00	\$32,701,782.00	\$29,755,429.00	\$28,656,349.42	\$37,318,356.00	\$34,226,338.00	\$32,854,549.00	\$36,769,988.00
2022	\$29,066,133.00	\$27,305,252.00	\$18,876,147.00									



**Carpentaria Shire Council - Operational Projects Budget - 2021-2022**

30/08/2021 Data Updated		Project Funding Sources				Add all PV exp	Original Budget 2021-2022	Additional Items 2021-2022	YTD Expenses 2021-2022	Committed Orders	Total Expenses 2021-2022
Job No	Project Description	Project Expense Budget	Project Grant Funding	Other Revenue	Councils General Revenue	Prior Actuals					
GRANTS2002	Type Shredding at Normanton Landfill (DSDMMP)	330,000	195,000	0	135,000	123,401	206,600	172,579	0	172,579	
	Others salaries	375,000	375,000	0	0	0	75,000	0	0	0	
	Apprenticeships/Traineeship x 3	45,000	45,000	0	0	0	45,000	0	0	0	
	RADF - Regional Arts Development Fund - Priorities identified by Committee	29,500	24,500	0	5,000	9,405	29,500	0	0	0	
	Libraries - First 5 Forever	4,249	4,249	0	0	2,476	4,249	0	0	0	
LIB001	Illegal Dumping Grant	123,000	123,000	0	0	0	86,000	8,271	0	8,271	
450432		1,836,000	2,040,000	0	-204,000	1,177,281	1,836,000	0	0	0	
TMR78A	TMR 78A Wills Development Road							0	0	0	
RMPC84A2	TMR 84A Karumba Development Road							22,292	0	22,292	
RMPC89A1	TMR 89A Burke Development Road							72,629	0	72,629	
RMPC89B2	TMR 89B Burke Development Road (Sealed)							4,715	0	4,715	
RMPC92A2	TMR 92A Gulf Development Road							4,514	0	4,514	
RMPC89B03	TMR89B TMR EW 89B Burke Development Road (Unsealed)							5,082	0	5,082	
	Emergent Works - TMR										
TMR84A21	Tmr 2021 Emergent Works 84A							15,984	0	15,984	
TMR89A21	Tmr 2021 Emergent Works 89A							2,027	0	2,027	
TMR89B21	Tmr 2021 Emergent Works 89B							1,195,991	30,170	1,226,160	
	Recoverable Works - TMR - Projects	7,200,000	8,000,000	0	-800,000	13,318,858	7,200,000				
TMR065	CN16065 - 89A Walkers Bend Pavement and Culvert Works							881,342	94,115	975,457	
TMR067	CN16067 - 89A Bang Bang Pavement Works							777,180	257,318	1,034,498	
TMR218	89B Pave and Seal Stag 3 (CN 17218)							24,937	53,873	78,810	
TMR288	CN16288- 89B Pavement and Seal Works Stage 2							35,201	0	35,201	
	CN-15386 89B Paving and Sealing (Nrn to Dimbulah) Ch 30.68 to 35.80							18,899	26,400	45,299	
TMR386	Recoverable Works - TMR - Ulyvale Subdivision Sliplane	400,000	400,000	0	0	0	400,000	0	0	0	
LRCIP7	TDS - 89B Culvert (location to be identified)	67,000	67,000	0	0	0	67,000	0	0	0	
New WO	Mental Health	75,000	75,000	0	0	384	75,000	0	0	0	
LIB004	Funny Mummies							5,632	0	5,632	
CEN2201	Live In Org							0	0	0	
CEN2202	Move It NQ	10,320	10,320	0	0	0	10,320	0	0	0	
	Projects from ICT Strategy	30,000	0	0	30,000	0	30,000	0	0	0	
	ICT Governance Framework							6,500	0	6,500	
OPEx2203	Asset Management Plan	75,000	0	0	75,000	0	75,000	0	0	0	
New WO	Revenue Review - Water Charges	15,000	0	0	15,000	0	15,000	0	0	0	
OP12201	Risk Management - Strategic and Operational Risk Registers	30,000	0	0	30,000	0	30,000	0	0	0	
OP12203	Develop and Implement a Youth Strategy for the Shire	20,000	10,000	0	10,000	0	20,000	0	0	0	
OP12202	Long-Term Financial Sustainability Strategy	20,000	0	0	20,000	0	20,000	0	0	0	
200634	Sisters of the North	11,000	11,000	0	0	0	11,000	0	0	0	
200634	Outback by the Sea Festival 2021	69,000	10,000	9,000	50,000	108,989	69,000	0	0	0	
OPEx2202	Gwip Infrastructure (Telstra To Terrecom Migration)							9,975	471,851	3,725,624	
		<b>10,765,069</b>	<b>11,990,069</b>	<b>9,000</b>	<b>-634,000</b>	<b>14,740,794</b>	<b>10,304,669</b>	<b>3,253,773</b>	<b>0</b>	<b>471,851</b>	<b>3,725,624</b>

## BUSINESS PAPERS

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### 9.3 APPROVAL TO KEEP ANIMAL - MORE THAN TWO DOGS

<b>Attachments:</b>	NIL
<b>Author:</b>	Julianne Meier - Director Corporate Services
<b>Date:</b>	11 October 2021
<b>Key Outcome:</b>	7.2 - Responsive and efficient customer service delivery
<b>Key Strategy:</b>	7.2.2 Work collaboratively across Council to provide effective, efficient and coordinated outcomes.

#### Executive Summary:

The purpose of *Subordinate Local Law No. 2 (Animal Management) 2015* local law is to supplement Local Law No. 2 (Animal Management) 2015, which provides for regulation of the keeping and control of animals within the local government's area.

#### RECOMMENDATION:

That Council accept and approve the application to keep more than two (2) dogs for the property located at 12 Landsborough Street, Normanton.

#### Background:

An application was received on 27<sup>th</sup> September 2021 requesting the approval to keep more than two (2) dogs on the following property:

Property Address: 12 Landsborough Street, Normanton

Parcel: Lot 120 N14850

Land Size: 1012 m<sup>2</sup>

The applicant has requested that three (3) dogs are to be located on the premises above, details of the animals are as follows:

Animal Name	Charlie	Apollo	Lola
<b>Breed</b>	German Shepherd	Moodle	Maltese-Shitzu
<b>Age</b>	12 weeks	3 years	18 months
<b>Microchipped</b>	Yes	Yes	Yes
<b>Desexed</b>	No	No - Infertile	No
<b>Declared Dangerous</b>	No	No	No
<b>Tag No</b>	N/A	220047	220046
<b>Registration Expiry</b>	On Approval	30/6/22	30/6/22

Section 6 of *Subordinate Local Law No. 2 (Animal Management) 2015* outlines circumstances in which keeping animals requires approval, for Dog's approval is required for the keeping of 3 or more dogs over the age of 3 months on an allotment in a designated town area.

## **BUSINESS PAPERS**

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Schedule 4 of *Subordinate Local Law No. 2 (Animal Management) 2015* outlines the minimum standards for keeping of a dog/s, a person who keeps an animal on premises must:

- (a) *ensure that the animal is adequately identified so that the owner's name, address and telephone number are readily ascertainable; and*
- (b) *ensure that waste waters from enclosures are drained in a nuisance free manner and that run-off is kept off adjoining premises or as otherwise directed by an authorised person; and*
- (c) *ensure that excreta, food scraps and other material that is, or is likely to become, offensive is collected at least daily and, if not immediately removed from the premises, is kept in a waste container of a kind approved by an authorised person; and*
- (d) *ensure that any enclosure in which the animal is kept is properly maintained in—*
  - (i) *a clean and sanitary condition; and*
  - (ii) *an aesthetically acceptable condition; and*
- (e) *take all reasonable steps to prevent the animal from making a noise or disturbance that causes a nuisance; and*
- (f) *ensure that the area available to the animal kept on the premises is appropriately sized so that the animal can be effectively and comfortably kept.*

Council's Local Laws Officer inspected the property on 27<sup>th</sup> September 2021 and did not identify any standards currently not being met in order to keep an animal/s on the premises. Council's LLO also inspected the premises for potential noise complaints from neighbors and identified the risk as low due to the location of the property.

### **Consultation (Internal/External):**

- Director of Corporate Services
- Local Laws Officer

### **Legal Implications:**

- As per standards outlined in Council's Subordinate Local Law No. 2 (Animal Management) 2015 and Animal Management (Cats and Dogs) Act 2008.

### **Financial and Resource Implications:**

- A permit fee of \$220.00 will be due and payable if the permit is granted.

### **Risk Management Implications:**

- Low Risk – Inspections and assessment undertaken by Local Laws Officer.

## **BUSINESS PAPERS**

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### **9.4 COMMUNITY DEVELOPMENT REPORT**

<b>Attachments:</b>	NIL
<b>Author:</b>	Cherie Schafer - Manager Economic & Community Development
<b>Date:</b>	14 October 2021
<b>Key Outcome:</b>	2.1 - A creative, educated community
<b>Key Strategy:</b>	2.1.3 Provide contemporary library facilities and services across the region to meet the needs of the community.

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#### **Executive Summary:**

This report provides information and updates to Council on various activities and programs that are facilitated within the Community, Cultural Services and Economic Development portfolio of Council.

#### **RECOMMENDATION:**

That Council:

1. note the Community Development Report; and
2. that those matters not covered by resolution be noted.

### **1. MATTERS FOR INFORMATION:**

#### **1.1 Normanton and Karumba Library Statistics**

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Historically there have been casual staff and a permanent staff member based in Karumba, that were able to backfill for staff leave and vacancies as they arose. This is no longer the case as the permanent staff member and casual administration officer have since resigned. Rather than replace these positions at the time, it was decided the remaining staff would work extra hours.

This has worked well, however Council's long-term librarian has since resigned from the Karumba centre and will finish with Council late October. It is now timely to review the service requirements for the Karumba administration and library, prior to advertising to fill these positions. Seeking feedback from Council prior to proceeding.

## **BUSINESS PAPERS**

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### **1.2 Normanton Childcare**

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The Normanton Childcare Centre provides an important service to the community and is operated by Council Monday to Friday from 7.30am to 5.30pm. Updates around this month's activities are as per below:

- The childcare has seen the resignation of another fulltime Educator who finished work on the 28<sup>th</sup> September due to personal reasons. Council is currently recruiting for an Assistant Educator role with a house for the first position and hopes to be able to employ two staff during the recruitment phase.
- Council received a letter from a third party asking if Council would be interested in selling the childcare. After some discussion around where the centre is based, the community size, number of children the centre can support and the fact that the third party was wanting to purchase and run the centre based out of Brisbane and not come to the shire they decided not to explore the option with Council.
- The staff have been teaching the children about recycling and have set up a recycling station at the centre.
- The two-year olds have been doing activities around self-help skills and preparing to progress to the big kid's room.
- Next month the Centre will be doing activities around frogs and boats and is aiming to do an excursion to the Barra Centre.

### **1.3 Community Donations approved under the CEO delegation**

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Council receives numerous requests for donations throughout the year to assist not for profit community groups with their sporting activities/community events a table of previously approved donation and applications that have been received and approved under the Chief Executive Officer's delegation are listed below.

1. Bynoe CACS request waiver of fees for 5 staff and 16 children to feed a Barra at the LWBDC. Estimated cost to Council \$372.
2. Gulf Savannah Guides Limited requests waiver of fees for the shire hall and community donation trailer for field school training on the 28<sup>th</sup> to the 31<sup>st</sup> October. Estimated cost to Council \$970.
3. Gulf Christian College request the fees to be waived to donate 120-150 Barra fingerling to stock their aquaponics system. Estimated cost to Council \$1200. (This request was approved by the Mayor and CEO)
4. Normanton Arts Council request the waiver of fees for the table and chair trailer for celebrating 130 years of Railway in Normanton. Estimated cost to Council \$380.
5. Karumba Recreation Club request the fee waiver of the table and chair trailer for a thank you BBQ for the Barra season. Estimated cost to Council \$380.

## BUSINESS PAPERS

Acct Code	Account	Current Budget	Actual
IK1000	In Kind - Bynoe	0.00	8631.81
IK1020	In Kind - Country Womans Association	0.00	1418.18
IK1040	In Kind - Gulf Christian College	0.00	6109.37
IK1070	In Kind - Karumba Recreation Club	0.00	881.82
IK1120	In Kind - Normanton Rodeo	0.00	1436.36
IK1130	In Kind - Normanton State School	0.00	5927.62
IK1131	In Kind - P & C Normanton State School	0.00	0.00
IK1140	In Kind - Normanton Stingers	0.00	6138.48
IK1200	In Kind - Normanton Cricket Club	0.00	2727.27
IK1230	In Kind - Kurtjar Aboriginal Corporation	0.00	153.44
IK1250	In Kind - Riverside Christian College	0.00	1136.36
IK1252	In Kind - Junior Rugby League	0.00	3580.00
IK1258	In Kind - Normanton Athletics Club	0.00	3418.18
IK1259	In Kind - Karumba Social Netball	0.00	2727.27
IK1260	In Kind - Mount Isa School of the Air	0.00	2604.54
IK1263	In Kind - Normanton Hope	0.00	272.73
IK1268	In Kind - Savannah Guides Limited	0.00	970.00
IK1558	In Kind - Mougibi Buddaries	0.00	227.27
IK1559	In Kind - Department of Seniors and Disability Services	0.00	354.55
	<b>* Total *</b>	<b>96000.00</b>	<b>48715.25</b>

### 1.4 General updates

#### Interagency meetings:

Interagency meetings are held monthly and provide a valuable information sharing forum. The Interagency meetings have been coordinated by Normanton Hope since June due to the funding being terminated for Council to run these meetings.

Save The children met with the Manager of Community Services and has expressed interest in taking on the running of the Interagency meetings. Save The children have been funded to establish Interagency meeting in the communities that they work with and have recently establish and Interagency group for Mornington Island.

#### Normanton and Karumba Pool precinct:

Both the Normanton and Karumba pools have re-opened to the public from Saturday 4<sup>th</sup> September. The Normanton pool is currently being manned from Monday to Friday by Bynoe and Saturdays and Sundays by Council's staff.

Unfortunately, due to staff shortages Bynoe staff were unable to attend the lifeguard training offered late September however, staff manning the pool are CPR and first aid trained.

## **BUSINESS PAPERS**

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Council currently has three casual staff employed for the Normanton pool however each of these staff have fulltime employment from Monday to Friday and unable to assist with opening of the pool during the week.

### **Australia Day Ambassador**

Council did not apply for an Australia Day Ambassador for 2022 due to direction from Council that the Ambassadors have not been relevant to the shire community.

Council has been doing some works to investigate getting an ambassador such as Johnathan Thurston /Antonio Winterstein that will be able to relate and do activities with youth in the community while visiting.

Quotes provided to visit the shire over the Australia Day period have been in the range of \$12,000 ex GST which is over the budget to run Australia Day.

If this is something that Council would like to continue exploring an increase of budget would be required.

### **Grants applications for the month of October:**

#### Saluting Their Service Commemorative grant:

The Saluting Their Service (STS) Commemorative Grants program is designed to preserve Australia's wartime heritage and to involve people throughout the nation in a wide range of projects and activities that highlight the service and sacrifice of Australia's servicemen and women in wars, conflicts and peace operations, and promote appreciation and understanding of the role that those who served have played in shaping the nation.

Grants between \$10,001 and \$150,000 are available for major commemorative projects and activities that are significant from a national, state, territory and/or regional perspective.

Council has submitted an application to erect two life size bronze soldiers under this banner. If approved there will be one Indigenous and one non-Indigenous soldier erected supporting each other during the time of war.

#### Women in Queensland memorials and monuments survey.

The Gambling Community Benefit Fund (GCBF) is Queensland's largest one-off grants programs. The program allocates funding of between \$500 and \$35,000 to projects delivered by not-for-profit community groups. In 2022 the GCBF will move to four funding rounds with one of these rounds allocating grants up to \$100,000. Local Governments may apply for this funding in their own right or as a sponsor.

Grants can be applied for any projects however the Attorney-General and Minister for Justice is encouraging applications to improve gender equality of women in Queensland in the way or erecting memorials and monuments.

Council released a survey in the month of September to community requesting feedback for the Women in Queensland memorials and monuments funding.

The following questions were asked, and the below outcomes recorded from the 14 survey results.

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1. would you like Council to recognise an industry, such as female nurses or teachers, or an individual from our community

Individual            23.08%

Industry             76.92%

Industries identified included:

Police, Nurses, teachers, Ambulance officer, Women from the fishing or cattle industry. A separate survey would be completed to narrow down the preferred option.

2. Would you rather see Council erect a monument such as a sculpture or statue, or a display, similar to the Indigenous Stockman Displays?

Monument 53.85%

Display              46.15%

### Active Gameday Funding

The Active Gameday Projects fund is an initiative under the Queensland Government's Activate! Queensland 2019-2029 Strategy. The initiative will help the sport and active recreation industry on the road to recovery by investing in smaller scale infrastructure projects that benefit local communities.

There are two types of projects that can be funded:

- Project Type 1 - install or upgrade of sports lights. Possible projects include:  
Upgrade/install lights on either:
  - The Normanton racecourse main straight area
  - The Normanton Swimming Pool
  - The John Henry Oval/cricket area
  
- Project Type 2 - develop or upgrade of playing surfaces/space(s) including irrigation. Possible projects include:
  - Upgrade/maintain the irrigation system on the Joh Henry Oval/Cricket field
  - Install an office container on the opposite side of the John Henry Oval on the stumps where the Stingers score board is. Install a sound system and box with the main switch board int eh office container.

Funding available is up to \$150,000 with a 20% Council contribution. If Council wishes to apply for the full amount of funding for either of the two project types, there will be a contribution of \$30,000 which will need to be included in the budget.

### **Consultation (Internal/External):**

- Chief Executive Officer
- Director Corporate Services
- Manager of Economic and Community Services

## **BUSINESS PAPERS**

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**Legal Implications:**

- Nil

**Financial and Resource Implications:**

- Within budget.

**Risk Management Implications:**

- Risks are relatively low - supports Council's aim of engaging with the community as well as providing key activities and facilities.

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### 10 REPORTS FROM DIRECTOR OF ENGINEERING - ROADS & SERVICES

#### 10.1 DOE REPORT

**Attachments:** NIL

**Author:** Michael Wanrooy - Director of Engineering

**Date:** 15 October 2021

**Key Outcome:** 5.1 - Integrated and timely provision and management of sustainable infrastructure and assets

**Key Strategy:** 5.1.3 Plan and implement urban improvement works which enhance local character and identify, conserve and improve the region's streetscapes and provide iconic parkland.

#### Executive Summary:

This report provides information and updates to Council on various activities and programs that are facilitated within the Director Engineering's portfolio.

#### RECOMMENDATION:

That Council:

1. receive and note the Director of Engineering Report as presented; and
2. that those matters not covered by resolution be noted.

#### 1. Actions Arising from Previous Meetings

Reference	Action	Status
1/11/2018	Investigate and prepare a report including scope of works and estimate of costs to reinstate the grid on the Old Croydon Road for Council's consideration. ➤ Put on Works Program	In Progress
9/12/20	Install "No boat trailer" signs along Massey Drive to Clarina Street ➤ Terry Casey's crew to install	In Progress
17/03/21	Install bin at Corduroy ➤ Personally, ensured bin post was ordered through Stores. Ordered a few extras as well.	In Progress
18/08/21	Mr Gurney informed of erosion along the fence line at the Airport and that CASA will be in Normanton next month. ➤ Erosions will be repaired prior to Christmas. A joint inspection was held between Council's Engineers, Works Manager and the Normanton ARO to discuss repair methodology.	In Progress
18/08/21	Grids on Iffley Road are sunken and the surface rough. ➤ Council's crew on the Trenton Road will be preparing 15m bitumen approaches to each end of 6 grids as part of a	Completed

## BUSINESS PAPERS

Reference	Action	Status
	betterment project. The works is expected to be completed by the end of September	



**Photo:** New seal at the approaches of one of the grids on the Iffley Road.

## **BUSINESS PAPERS**

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**Photo:** New seal at the approaches of one of the grids on the Iffley Road.

### **2. Miscellaneous Projects**

- 2.1. The 2021-2022 TIDS Normanton - Burketown Road (5km new sealed section between Inverleigh and Inverleigh West). This project is now completed with the last remaining sealing completed late September.
- 2.2. CN1605 – Widening works at the Flinders River on 89A. The outstanding line marking works was completed late September. This project is fully completed.
- 2.3. CN1607 – Widening works on 89A near Donors Hill Station. The outstanding line marking works was completed late September. This project is fully completed.
- 2.4. CN-12688 – Ch.35.80km to 40.80km Australian Government Stimulus Package for new bitumen works on 89B. The outstanding line marking works was completed late September. This project is fully completed.
- 2.5. Burketown Road Betterment Works (Flinders River to Armstrong Creek) and (2km between Armstrong and Inverleigh). This project is now completed with the last remaining seal completed late September. The project has been extended by QRA to add another sealed section approximately 5km past Inverleigh Station. This section is to be completed before the end of October.
- 2.6. Terry's crew are spraying herbicide to suckers growing on the State Controlled network. They have installed signs on 89B.

## BUSINESS PAPERS

- 2.7. 89B Emergent works – Council have been repairing the road between Glencoe to Dunbar. Emergent works closed on 9<sup>th</sup> September. Works are ongoing using RMPC funding and will be switching to TMR restoration works.
- 2.8. ATSI-TIDS Magnificent Creek Crossing upgrade on the Dunbar Kowanyama Road have started. Monitoring works have been completed for the crossing.

Table: TMR Projects progress report for 2021 – 2022

Projects	Value	Claimed	Progress
2019 TMR DRFA REPA Works on 84A, 89A, 89B and 92A - Total Value \$2,146,085.20, claimed to June 2021 \$1997,841.66	\$ 148,243.54	\$ 148,243.54	100% completed
ATSI TIDS - Dunbar Creek - New Causeway and approach on the Kowanyama Road - Total Value \$925,000, claimed to June 2021 \$157,430.12	\$ 767,569.88	\$ 767,569.88	100% completed
89B CN-15386 Aus. Government Stimulus - Ch. 30680 - Ch. 35800 - Total Value \$2,215,489.68, claimed to June 2021 \$2,090,163.68	\$ 125,326.00	\$ 125,326.00	100% Completed
2021 TMR Emergent Works - Total Value \$1,450,000, claimed to June 2021 \$336,225.13	\$1,113,774.87	\$1,113,774.87	100% Completed
Additional 2021 TMR Emergent variation approved.	\$ 591,532.71	\$ 591,532.71	100% Completed
89B – CN16288 Aus. Government Stimulus - Ch. 35800 - Ch. 40800- Total Value \$2,387,935.00, claimed to June 2021 \$1,372,600.00	\$1,015,335.00	\$1,015,335.00	100% Completed
89A – CN16065 (North and South Approach of Flinders River)- Total Value \$5,433,960.70, claimed to June 2021 \$4,812,778.69	\$ 621,182.01	\$ 621,182.01	100% Completed
89A – CN1607 (Donors Hill, Approx. 130km south of Normanton) - Total Value \$4,516,126.80, claimed to June 2021 \$3,999,438.60	\$ 439,205.20	\$ 439,205.20	100% Completed
89A – Variation to CN1607 (Augustus Downs Intersection seal upgrade)- Total Value \$374,838, claimed to June 2021 \$262,386.60	\$ 112,451.40	\$ 112,451.40	100% completed
2021 - 2022 RMPC	\$2,044,550.00	\$668,200.00	Work in progress

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2020 - 2021 TIDS (TMR Contribution) - Burketown Road Sealing	\$910,000.00	\$504,387.66	Work in progress
ATSI-TIDS Magnificent Creek	\$989,212.00		
TIDS - 2/1200x450 new culverts at gully 1 to 2km past the Gilbert River	\$67,000.00		
CN-17673 Pedestrian Crossing at Stop Shop	\$439,913.10		Contract Signed
CN-17218 - Pave and Seal AG Stimulus Package 3 on 89B (Last remaining 4.8km section between the Karumba turnoff and Glencoe)	\$2,458,065.00		October Start
CN-17815 - 2021 DRFA works on 89B Ch. 0 to Ch. 180	\$2,551,476.10		Contract Signed
<b>Total</b>	<b>\$14,394,836.81</b>	<b>\$6,107,208.27</b>	<b>42%</b>



**Photo:** Burketown Road – TIDS sealed section at Inverleigh

## **BUSINESS PAPERS**

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**Photo:** Burketown Road – TIDS work at Inverleigh



**Photo:** Burketown Road – TIDS work at Inverleigh

## **BUSINESS PAPERS**

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**Photo:** Burketown Road – Betterment Works between the Flinders River and Armstrong Ck



**Photo:** Burketown Road – 2km Betterment Works between Armstrong Ck and Inverleigh

### **3. Update on Shire Flood Damage Works**

#### **3.1. DRFA construction season**

- Karl Pickering's crew – At Middle Camp. They are currently undertaking works on the Kowanyama Road mixing, laying out and compacting the imported gravel.
- Colin Charger's crew – At the Clark Hole Camp Normanton side of the Mitchell River. The crew are working on the Koolatah - Dixie Road on 2020 restoration works. An extra grader has been sent to the camp due to the late start to boost production. Material dumped well ahead of the crew.

## **BUSINESS PAPERS**

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- Brenton Murray's crew – At the Donors Hill Camp. Mix and lay gravel from Talawanta to Augustus. Carting gravel between Leichhardt and Augustus.
- Cameron Young's crew – At the Broadwater Camp. Working on the Broadwater to Iffley Road 2020 restoration works.
- Gavin Delacour's crew – At the Iffley Camp. Finished the mix and lay gravel on the Trenton Road. Completed the building bitumen approaches to 6 grids on the Iffley Road. Carting gravel from the Myola Pit north of Iffley.

### **4. Trades Report**

#### 4.1. Plumbing

- Completed new 350m of 1" poly pipe at Karumba Cemetery
- Installed new irrigation pups at Normanton Oval
- Cleaning fire hydrants in Karumba
- Water meters being changed out
- General plumbing maintenance in Normanton and Karumba

#### 4.2. Carpentry

- General housing and property maintenance in Normanton and Karumba (a heap of smaller jobs again this month)
- Camp Shifts

#### 4.3. Electrical

- Camp shifts
- Installed new lighting at Will's house in Normanton
- Installed new lights at Workshop pit
- Relocated the key cabinet
- Door replacement at Karumba Library
- General housing and property maintenance in Normanton and Karumba
- Fire alarms/ smoke detectors (compliance)

### **5. New Projects/Grant Applications**

- 5.1. Council is working on another 6km Australian Stimulus Package with TMR to pave and seal at Chainage 63.49 Km to 69.37 Km. The proposed works are after Glencoe.
- 5.2. Council is working with TMR for a betterment package on 89B just past the Gilbert River of approximately 3.8km of new bitumen works.

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### **6. Reports**

#### **6.1. Kowanyama Pormpuraaw Road**

Council received a letter from the Abm Elgoring Ambung (AEA) on 17<sup>th</sup> September 2021 requesting a site visit regarding significant wet season damage to the Kowanyama – Pormpuraaw Road in the Carpentaria Shire. AEA and Queensland Parks and Wildlife Services (QPWS) are concerned about immediate and long-term damage to Cultural Heritage sites and environmental impacts caused by vehicles deviating around the damaged roads.

Council has a Memorandum of Understanding (MOU) with Kowanyama Aboriginal Shire Council (KASC) to undertake maintenance and repairs on the 11.2km of road within the Carpentaria Shire Council which runs entirely through the Errk Oykangand National Park Cape York Peninsula Aboriginal Land. KASC has programed DRFA works in the Carpentaria section between the Mitchell River and the Alice River.

At the time AEA would like KASC to stop works until a site visit was undertaken and sound engineering decisions were made for works to continue to protect the sites.

A meeting was held in Kowanyama on 28<sup>th</sup> September. Carpentaria was represented by Kerrod Giles and I whom at the time was the Acting CEO and introduced as such at the meeting including the DOE title. Other attendees included John Clarke Senior Ranger, two representatives from QPWS from Cairns, Robert Holness AEA Chair, Mayor Cr Robbie Sands and many others.

At the meeting, on behalf of Carpentaria Shire:

- Carpentaria will support any seeking of funding for road alignments by the group, and that Carpentaria would not be opposed to any realignment. Carpentaria supports aerial photography arranged by KASC over the wet season to determine better realignment routes.
- Carpentaria will support any seeking of funding by the group for a report on determining realignments and costs. Suggested ERSCON.
- Carpentaria Shire Mayor will be happy to work and support the other Mayors from Kowanyama and Pormpuraaw to request funding from relevant politicians when the opportunity arises.
- KASC is not a sub-contractor of Carpentaria Shire and has a MOU with us, therefore we cannot tell them what to do as we are not the Principle and the current funding for roadworks has been sourced by them.
- Acknowledge that Carpentaria Shire goes through AEA for monitors on our projects that we manage within our boundaries.

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Picture depicting an Alternate Route between the Mitchell River and the Alice River (Still within Carpentaria Shires boundary).

On Site Meeting:

- Carpentaria Shire Council has no issues for investigations and studies undertaken for alternative routes outside the Carpentaria Shire and into KASC boundaries. Council would prefer this route.
- KASC to undertake DRFA repairs as a temporary measure. A permanent measure would be to secure funding for an alternative road realignment.
- Carpentaria to arrange for an approximately 500m long cattle fence to prevent vehicles from crossing the upstream side of potential erosions preventing them from disturbing the natural surface at the poison grounds.

## BUSINESS PAPERS



**Photo:** Erosion of road centre line

6.2. Normanton Disaster Coordination Centre Layout Plan for Council's discussion. Layout plan will be distributed in the meeting.

6.3. Engineering Budget

Row Labels	Sum of Original Budget	Sum of YTD Actual	Sum of Order Value	Sum of Total Actual
<b>Operating Expenditure</b>				
Airports	352,782	59,990	51,755	111,764
Asset Management	46,000	22,031	33,933	55,965
Building Services	212,239	38,013	3,421	41,433
Depots & Workshop	563,826	129,818	16,957	146,775
Engineering Services	1,075,064	207,435	236,265	443,699
Fleet & Plant	-3,907,878	-791,202	1,417,429	626,227
Main Roads (RMPC And Pw)	9,096,300	3,173,326	509,505	3,682,831
Parks & Gardens	1,244,181	181,262	2,960	184,222
Pensioner Housing	304,000	23,658	3,100	26,758
Private Works	-10,000	-4,512	0	-4,512
Public Conveniences	204,618	30,661	2,352	33,014
Quarries	83,000	55,766	0	55,766
Reserves	6,000	3,029	0	3,029
Road	6,078,811	293,191	61,841	355,032
Staff Housing	823,012	84,060	20,531	104,591
Town Planning	31,512	2,056	58,605	60,661
<b>Operating Expenditure Total</b>	<b>16,203,467</b>	<b>1,595,327</b>	<b>3,286,071</b>	<b>4,881,398</b>

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<b>Operating Income</b>				
Airports	-230,000	-24,096	0	-24,096
Building Services	0	-2,175	0	-2,175
Fleet & Plant	-100,000	0	0	0
Main Roads (RMPC And Pw)	-10,107,000	-4,069,397	0	-4,069,397
Pensioner Housing	-63,000	-1,297	0	-1,297
Road	-1,043,000	-132,152	0	-132,152
Staff Housing	-410,000	-47,837	0	-47,837
Town Planning	-5,000	-2,325	0	-2,325
<b>Operating Income Total</b>	<b>-11,958,000</b>	<b>-4,279,280</b>	<b>0</b>	<b>-4,279,280</b>
<b>Grand Total</b>	<b>4,245,467</b>	<b>-770,697</b>	<b>2,418,673</b>	<b>1,647,976</b>

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### **10.2 NDRRA/QDRF REPORT**

<b>Attachments:</b>	10.2.1. Appendix A - 2019 Expenditure Summary <a href="#">↓</a>
	10.2.2. Appendix B - QRA19 Completion Sketch <a href="#">↓</a>
	10.2.3. Appendix C - 2020 Expenditure Summary <a href="#">↓</a>
	10.2.4. Appendix D - QRA20 Completion Sketch <a href="#">↓</a>
	10.2.5. Appendix E - Betterment Projects <a href="#">↓</a>
	10.2.6. Appendix F - EOT Approvals <a href="#">↓</a>

**Author:** John Martin - Consultant Engineering

**Date:** 14 October 2021

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**Key Outcome:** 5.2 - A safe and sustainable road network

**Key Strategy:** 5.2.1 Plan and deliver a safe, sustainable and efficient road network.

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#### **Executive Summary:**

**QRA19:** The QRA19 project is approximately 97% complete. Five (5) crews are currently working with QRA19 works being prioritised over QRA20 works to ensure deadlines are met. Deadlines for the QRA19 works are between September 30 and December 31, 2021. An EOT request has been approved for Dunbar to Kowanyama Road and Dunbar to Koolatah Road to 31 December 2021. Submission 3 has been submitted to QRA for acquittal.

**QRA20:** The QRA20 project is approximately 34.2% complete. Assets with both QRA19 and QRA20 scope have been programmed simultaneously where feasible to reduce camp and mobilisation costs. The QRA20 scope has a deadline of 30 June 2022.

**QRA21:** All assessments have been completed within the Shire. QRA have now approved Submission 4 (Far Northern Roads) and Council will receive the prepayment shortly. CDO and Emergency Works claims have been submitted to QRA for acquittal.

**OTHER:** The Desilting of the Normanton Sewerage Lagoons is now complete. The two Normanton to Burketown Road betterment projects (pavement and sealing) are in progress. An EOT has been approved by QRA to deliver an additional 4km of seal. The Glenore Weir Scouring Project, Burke and Wills Monument Road Project and the Monsoon Trough Flood Impact Study have been submitted to QRA for acquittal.

#### **RECOMMENDATION:**

That Council:

1. accepts the NDRRA/QDRF Report as presented; and
2. that those matters not covered by resolution be noted.

#### **Background:**

##### **2019 QRA Event**

1. The QRA19 REPA submissions have a total RV of approx. \$68million (construction budget of \$54.2million).
  2. Approximately 97% of the project has been completed with an estimated Expenditure Ratio of 1.00. Refer to Appendix A and B for construction progress.
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3. Five (5) crews are currently working within the Shire. The QRA19 scope of work is being prioritised to ensure deadlines are met.
4. An extension of time request has been granted for Dunbar to Kowanyama Road and Dunbar to Koolatah Road from 30 September 2021 to 31 December 2021 as the condition of 89B has restricted the start date of gravel. QRA confirmed approval on 7 September.
5. Expenditure for the Gravel Haulage to Dunbar to Kowanyama Road is aligning closely to the forecast budget with 94% of the total gravel delivered (approximately 79,000t). Deliveries are expected to be finalised by the end of October.
6. Extensions of time have been approved for six (6) QRA19 REPA submissions. The full list of projects is detailed in Appendix F.
7. Submission 3 (Construction RV approximately \$8.9million) has been submitted to QRA for acquittal with approximately \$8.2million expended. Audits from QRA are expected in the upcoming weeks to finalise the acquittal.

### **2020 QRA Event**

1. Four (4) REPA submissions have been approved with a total RV of \$48.7million (construction budget of \$38.2million).
2. Approximately 34.2% of the project has been completed with an estimated Expenditure Ratio of 0.84. Refer Appendix C and D for construction progress.
3. Construction is currently underway simultaneously with the QRA19 project. The QRA19 scope is being prioritised to ensure deadlines are met, however roads with both QRA19 and QRA20 scope have been programmed together where possible to reduce camp and mobilisation costs, which is reflected in the current Expenditure Ratio.
4. QRA has approved a total of twelve (12) betterment projects for construction. The full list of projects is provided in Appendix E.
5. The QRA20 program of work has a deadline of 30 June 2022.
6. Council is experiencing significant delays and impacts on their productivities due to the inability to get grader operators through local contractors. Two crews have reduced down to one grader each to minimise financial impacts to the jobs. Productivities on these crews will subsequently be reduced.

## **BUSINESS PAPERS**

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### **2021 QRA Event**

1. On January 4, 2021 Carpentaria Shire Council was activated for REPA and CDO relief measures in response to Tropical Cyclone Imogen and the Associated Low-Pressure System.
2. An Emergency Works claim for urgent activities performed in response to the impact of Tropical Cyclone Imogen has been submitted with approximately \$1.3million expended. Audits from QRA are expected in the upcoming weeks to finalise the acquittal.
3. A CDO claim for operational activities performed during Tropical Cyclone Imogen in response to the loss of power has been submitted to QRA for acquittal with approximately \$2,103 expended.
4. All Shire roads have been picked up and damage assessments have been completed.
5. All submissions have been uploaded within the QRA MARS system. An infield assessment has been completed for Submission 4 (Far Northern Roads) and has now been approved by QRA. Council is expected to receive the prepayment for the submission shortly.

### **Other**

1. The desilting of the Normanton sewerage lagoons reached completion on 3 September 2021. Approximately 2588t of material has been removed from the lagoons and transported to the Normanton landfill. Testing and classification results have been received from the Cairns Water Lab. The material is now dry and ready for reuse where suitable.
2. Work on the Normanton to Burketown betterment projects is in progress with approximately 11.7km of the road sealed. An EOT has been approved by QRA until 31 October 2021 to deliver an additional 4km of seal (CH70.54 to CH74.54).
3. The Glenore Weir Scouring Project (RV \$66,487) has been submitted to QRA for acquittal with \$67,835 expended.
4. The Burke and Wills Monument Road (RV \$137,692) has been submitted to QRA for acquittal with \$93,051 expended.
5. The Monsoon Trough Flood Impact Study (RV \$60,000) has been submitted to QRA for acquittal with \$60,443 expended.

### **Consultation (Internal/External):**

- Chief Executive Officer – Mark Crawley
  - Director of Engineering – Michael Wanrooy
  - ERSCON Consulting Engineers – John Martin and Nick Lennon
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## **BUSINESS PAPERS**

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### **Legal Implications:**

- Nil.

### **Financial and Resource Implications:**

- QRA 19 Trigger Point contribution - \$32,408
- QRA 19 10% Council contribution to day labour - \$189,894.95
- QRA 20 Trigger Point contribution - \$29,363
- QRA 20 10% Council contribution to day labour - \$4,097.45
- QRA 21 Triger Point contribution - \$30,180

### **Risk Management Implications:**

- Moderate – QRA19 – An extension of time has been granted for requested submissions due to productivity losses from COVID-19.
- Low – QRA19 Dunbar to Kowanyama Road – The extension of time to 31 December 2021 has been approved by QRA. An early wet season could impact delivery of the project.
- Moderate – QRA20 – Construction has commenced with a deadline of 30 June 2022.

**CARPENTARIA SHIRE COUNCIL**  
 SUMMARY OF QRA19 EXPENDITURE

**CURRENT**  
 Project Completed  
 Forecast Project Expenditure to RV Ratio

**30/09/2021**  
**97.0%**  
**1.00**



Submission 1 - CSC.0006.1819F_REC					
Road Name	Construction Recommended Value	Expenditure	Complete (%)	Expected Expenditure Ratio	Notes
Dunbar Koolatah Road	\$ 40,500.00	\$ 15,456.00	100%	0.38	Market rate to be adjusted to reflect the actual cost of Mitchell River Flood Camera.
Donors Hill to Augustus Downs Road	\$ 1,445,604.64	\$ 1,229,054.19	100%	0.85	Overlapping camp and establishment costs with simultaneously constructed QRA19/20 Cowan Downs, QRA19/20 Donors Hill Access and QRA20 Donors Hill to Augustus Downs, when assessing roads together expenditure is expected to align closely with the combined RV.
Ifley Road	\$ 7,340,093.97	\$ 6,094,335.90	100%	0.83	Overlapping camp, establishment and gravel push up costs with QRA20 Ifley Road. When assessing roads together expenditure is expected to align closely with the combined RV.
Normanton to Burketown Road	\$ 7,225,068.50	\$ 10,290,542.12	100%	1.42	Gravel push up costs for Washpool pit (used for Normanton to Burketown and Nardoo to Leichardt Road) booked to this road. When assessing both simultaneously expenditure aligns closely with the combined RV.
<b>TOTAL</b>	<b>\$ 16,071,267.11</b>	<b>\$ 17,633,388.21</b>			

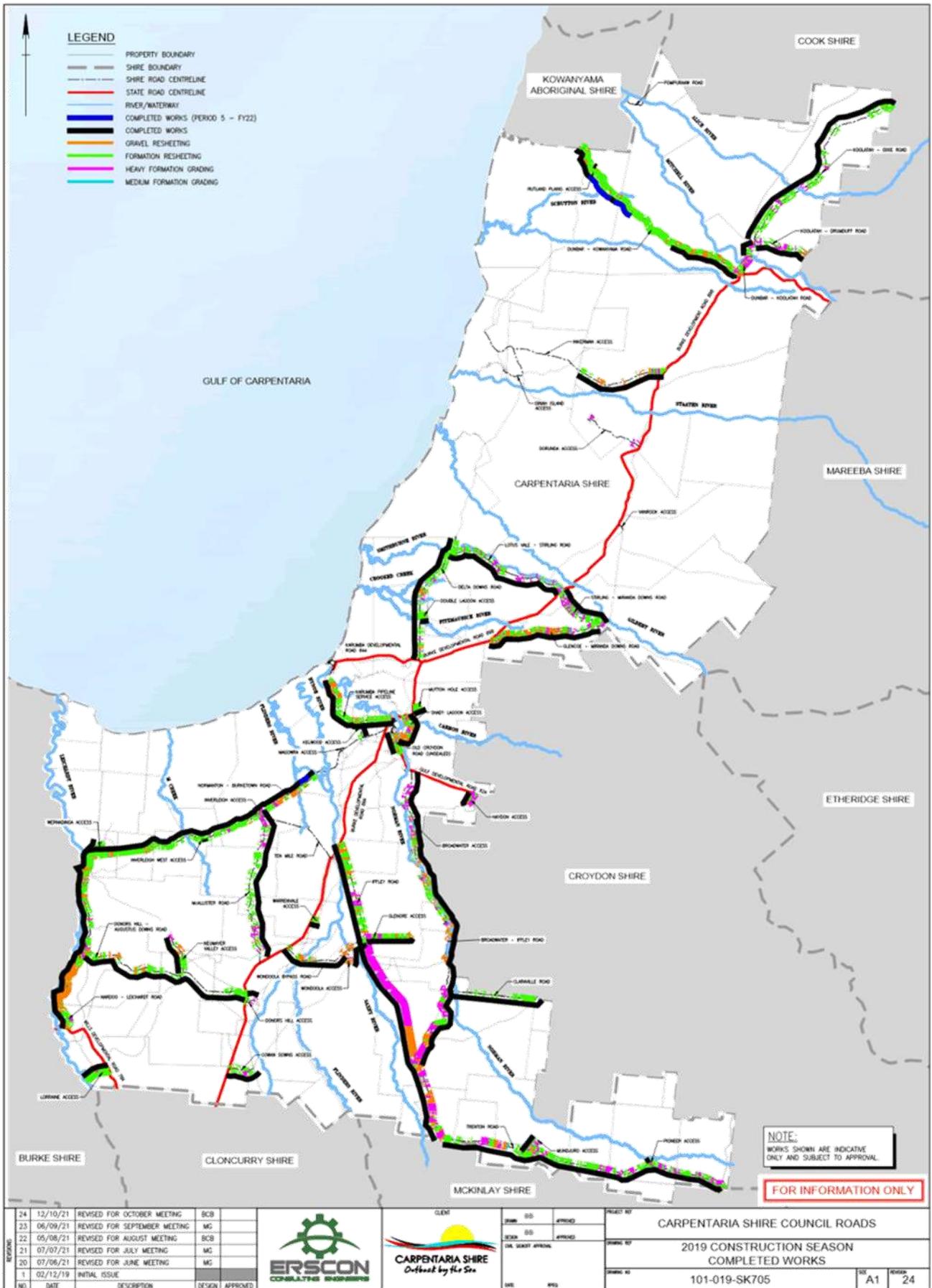
\*Expected expenditure ratio is the ratio of final expenditure divided by the recommended value. (i.e. 1.5 is 50% over budget, 0.8 is 20% under budget)

Submission 2 - CSC.0009.1819F_REC					
Road Name	Construction Recommended Value	Expenditure	Complete (%)	Expected Expenditure Ratio	Notes
Koolatah to Dixie Road	\$ 926,965.19	\$ 1,072,582.67	100%	1.16	Overlapping camp and establishment costs with Koolatah - Drumduff Road and Dunbar - Koolatah Road. When assessing roads together, expenditure expected to align closer to RV.
Nardoo to Leichardt Road	\$ 5,141,264.01	\$ 3,440,751.82	100%	0.67	Gravel push up costs for Washpool pit (used for Normanton to Burketown and Nardoo to Leichardt Road) booked to Normanton to Burketown Road. When assessing both simultaneously expenditure is predicted to be less than the combined RV.
Trenton Road	\$ 2,796,987.71	\$ 3,054,133.03	100%	1.09	
<b>TOTAL</b>	<b>\$ 8,865,216.91</b>	<b>\$ 7,567,477.52</b>			

Submission 3 - CSC.0015.1819F_REC					
Road Name	Construction Recommended Value	Expenditure	Complete (%)	Expected Expenditure Ratio	Notes
Stirling to Miranda Downs	\$ 619,559.74	\$ 1,522,152.18	100%	2.46	Costs for pit establishment, pushing up of gravel and stockpiling for Glencoe to Miranda and Lotusvale to Stirling booked to this road. When assessing all roads together the expenditure aligns closer to the RV.
Koolatah to Drumduff	\$ 328,481.44	\$ 726,651.03	100%	2.21	Overlapping camp and establishment costs with Koolatah - Dixie Road and Dunbar - Koolatah Road. When assessing roads together, expenditure expected to align closer to RV.
Lotusvale to Stirling	\$ 886,520.02	\$ 919,883.30	100%	1.04	
Glencoe to Miranda Downs	\$ 2,147,220.96	\$ 1,316,360.81	100%	0.61	Some savings expected as costs for pushing up gravel booked to Stirling to Miranda Downs Road.
Inkerman Access	\$ 496,648.83	\$ 707,871.64	100%	1.43	Significant costs to push up material at Clarke Pit solely booked to this road, despite being utilised by other roads within the Shire.
Dooble Lagoon Access	\$ 152,260.02	\$ 64,872.76	100%	0.43	Cost savings as camp and mobilisation costs booked to Delta Downs Road.
Delta Downs Road	\$ 1,109,261.09	\$ 1,680,489.11	100%	1.51	Costs to push up material at Lilyvale Pit booked to this road, despite being utilised by several roads within the Shire. Excessive gravel haul distance.
Shady Lagoon Access	\$ 487,326.20	\$ 306,636.54	100%	0.74	Overlapping camp and establishment costs with simultaneously constructed QRA20 Shady Lagoon Access. When assessing roads together expenditure is expected to align closely with the combined RV.
Mutton Hole Access	\$ 177,693.66	\$ 115,310.57	100%	0.65	Costs saving incurred due to no camp establishment costs required as the crew worked from town.
Rutland Plains Access	\$ 122,507.79	\$ -	100%	0.00	Accrued costs processing, construction recently completed.
Dunbar to Koolatah	\$ 695,191.97	\$ 231,268.05	48%	0.70	Scope North of the Mitchell River has been completed, remaining works to be completed next year. Costs expected to increase closer to align with RV.
Dorunda Access	\$ 32,878.62	\$ -	0%	1.00	
<b>TOTAL</b>	<b>\$ 7,455,550.33</b>	<b>\$ 7,791,515.99</b>			

Submission 4 CNC.0019.1819F_REC					
Road Name	Construction Recommended Value	Expenditure	Complete (%)	Expected Expenditure Ratio	Notes
Glenore Access	\$ 909,509.81	\$ 884,425.32	100%	0.97	
Inverleigh Access	\$ 5,671.11	\$ 1,006.35	100%	0.18	Construction completed in less than one day, majority of costs booked to adjacent Normanton to Burketown Road.
Inverleigh Access (Secondary)	\$ 6,592.06	\$ -	100%	0.00	Construction completed in less than one day, majority of costs booked to adjacent Normanton to Burketown Road.
Inverleigh West Access	\$ 26,659.05	\$ 2,164.49	100%	0.08	Construction complete. Costs booked to adjacent Normanton to Burketown road as construction was completed in less than one day.
Lorraine Access	\$ 521,767.79	\$ 348,973.75	100%	0.67	Camp and establishment overlaps with simultaneously constructed Nardoo to Leichardt, when assessing roads together expenditure aligns closer to combined RV.
McAllister	\$ 807,881.37	\$ 1,049,775.21	100%	1.30	Overlapping camp and establishment costs for the remaining QRA18 Ten Mile scope booked to this road.
Mundjuro Access	\$ 249,585.23	\$ 287,828.55	100%	1.15	Overlapping camp and establishment costs with Trenton Road and Pioneer Access. When assessing roads together, expenditure aligns closely with combined RV.
Pioneer Access	\$ 43,036.66	\$ 21,435.99	100%	0.50	Overlapping camp and establishment costs with Trenton Road and Mundjuro Access. When assessing roads together, expenditure aligns closely with combined RV.
Warrensale Access	\$ 116,685.20	\$ 81,295.30	100%	0.70	Cost savings as construction was completed simultaneously with QRA18 scope of work with overlapping camp and mobilisation costs.
Wernadings Access	\$ 358,899.18	\$ 184,917.42	100%	0.52	Cost savings from simultaneous construction with QRA18 Wernadings Access Scope of work.
Wondoola Bypass	\$ 364,937.20	\$ 406,914.93	100%	1.12	Cost overlaps with simultaneously constructed Wondoola Access. When assessing roads together, expenditure aligns closer to RV.
Wondoola Access	\$ 224,681.17	\$ 174,319.91	100%	0.78	Cost overlaps with simultaneously constructed Wondoola Bypass. When assessing roads together, expenditure aligns closer to RV.
Broadwater to Ifley	\$ 2,980,296.39	\$ 2,780,632.67	100%	0.93	
Clarville	\$ 554,887.54	\$ 677,722.82	100%	1.22	Overlapping camp and establishment costs with Broadwater to Ifley Road. When assessing roads together, expenditure expected to align closer to combined RV.
Broadwater Access	\$ 7,458.24	\$ 14,200.36	100%	1.90	Overlapping camp and establishment costs with Broadwater to Ifley Road. When assessing roads together, expenditure expected to align closer to combined RV.
Haydon Access	\$ 157,107.01	\$ 135,883.38	100%	0.86	Overlapping camp and establishment costs with Broadwater to Ifley Road. When assessing roads together, expenditure expected to align closer to combined RV.
Neumayer Valley Access	\$ 346,224.08	\$ 282,920.11	100%	0.82	Overlapping camp and establishment costs with Donors to Augustus Downs Road. When assessing roads together, expenditure expected to align closer to combined RV.
Old Croydon (Unsealed)	\$ 407,664.35	\$ 188,414.49	100%	0.46	Costs saving incurred due to no camp establishment costs required as the crew worked from town.
Cowan Downs Access	\$ 154,166.61	\$ 89,744.94	100%	0.59	Overlapping camp and establishment costs with simultaneously constructed Donors Hill Access and Donors Hill to Augustus Downs, when assessing roads together expenditure is expected to align closely with the combined RV.
Kalwood Access	\$ 44,232.75	\$ 74,048.69	100%	1.67	QRA19 and QRA20 scope were constructed together and booked to the same QRA19 job number. When assessing together expenditure is expected to align below the combined RV due to reduced scope.
Donors Hill Access	\$ 33,867.33	\$ 19,755.24	100%	0.58	Overlapping camp and establishment costs with simultaneously constructed Cowan Downs and Donors Hill to Augustus Downs, when assessing roads together expenditure is expected to align closely with the combined RV.
Karumba Pipeline Service Access	\$ 1,631,989.21	\$ 1,337,390.55	100%	0.82	Overlapping camp and establishment costs with simultaneously constructed QRA20 Karumba Pipeline Service Access. When assessing roads together expenditure is expected to align closely with the combined RV.
<b>TOTAL</b>	<b>\$ 9,951,599.54</b>	<b>\$ 9,011,810.47</b>			

Submission 6 CNC.0025.1829F_REC					
Road Name	Construction Recommended Value	Expenditure	Complete (%)	Expected Expenditure Ratio	Notes
Wondoola Access (Flood Gauge)	\$ 50,000.00	\$ 36,183.00	100%	0.73	Market rate to be adjusted to reflect the actual cost of Flood Gauge.
Col Kitching Drive	\$ 5,611.27	\$ 1,958.07	100%	0.35	Expenditure incorrectly booked, expected to align closer to RV.
Dunbar - Koolatah Road (Mitchell River Crossing)	\$ 501,158.00	\$ -	0%	1.00	
Ellis Street	\$ 88.56	\$ -	0%	1.00	
Jubilee Way	\$ 239.11	\$ -	0%	1.00	
Old Hospital Road	\$ 1,434.10	\$ 811.24	0%	1.00	Expenditure incorrectly booked, no construction has commenced.
Palmer Street KBA	\$ 6,025.50	\$ 1,958.07	0%	1.00	Expenditure incorrectly booked, no construction has commenced.
Russell Street	\$ 1,176.50	\$ -	0%	1.00	
Simpson Street	\$ 117.65	\$ 811.24	0%	1.00	Expenditure incorrectly booked, no construction has commenced.
<b>TOTAL</b>	<b>\$ 567,850.69</b>	<b>\$ 41,921.62</b>			



**CARPENTARIA SHIRE COUNCIL**

**SUMMARY OF QRA20 EXPENDITURE  
 CURRENT**

Project Completed

Forecast Project Expenditure to RV Ratio

31/08/2021

34.2%

0.84



Submission 1 - CSC 0039.1920E.REC					
Road Name	Construction Recommended Value	Expenditure	Complete (%)	Expected Expenditure Ratio	Notes
Magowra Access	\$ 83,030.08	\$ 56,625.38	100%	0.68	Savings incurred due to crew working from town and no camp establishment required.
Cowan Downs Access	\$ 295,151.76	\$ 276,875.99	100%	0.94	
Donors Hill Access	\$ 205,044.23	\$ 133,932.95	100%	0.65	Overlapping camp and establishment costs with simultaneously constructed QRA19/20 Cowan Downs, QRA19/20 Donors Hill to Augustus Downs and QRA19 Donors Hill Access. When assessing roads together expenditure is expected to align closely with the combined RV.
Kelwood Access	\$ 327,771.72	\$ -	100%	0.00	All expenditure booked to the simultaneously constructed QRA19 Kelwood Access.
Ten Mile Road	\$ 540,570.23	\$ 361,731.11	100%	0.67	Savings incurred due to crew working from town and no camp establishment required.
Karumba Pipeline Service Access	\$ 188,026.32	\$ 94,441.24	100%	0.56	Overlapping camp and establishment costs with simultaneously constructed QRA19 Karumba Pipeline Service Access. When assessing roads together expenditure is expected to align closely with the combined RV.
Neumayer Valley Access	\$ 371,655.57	\$ 291,637.32	100%	0.78	Accrued expenditure processing, construction recently completed.
Inverleigh Access	\$ 27,275.28	\$ 2,285.10	100%	0.08	Overlapping camp and establishment costs with simultaneously constructed Ten Mile Road. When assessing roads together expenditure is expected to align closely with the combined RV.
Donors Hill - Augustus Downs Road	\$ 4,556,063.77	\$ 2,654,521.41	83%	0.70	Accrued expenditure processing, road currently under construction.
Augustus Downs Access	\$ 28,213.06	\$ -	0%	1.00	
Lorraine Access	\$ 43,982.34	\$ -	0%	1.00	
McAllister Road	\$ 2,474,714.58	\$ 27,015.55	0%	1.00	
Nardoo - Leichardt Road	\$ 1,169,108.38	\$ 15,778.96	0%	1.00	
Normanton - Burketown Road	\$ 1,630,691.51	\$ 326,907.12	0%	1.00	
<b>TOTAL</b>	<b>\$ 11,921,389.43</b>	<b>\$ 4,241,752.13</b>			

\*Expected expenditure ratio is the ratio of final expenditure divided by the recommended value. (i.e. 1.5 is 50% over budget, 0.8 is 20% under budget)

Submission 2 - CSC 0036.1920E.REC					
Road Name	Construction Recommended Value	Expenditure	Complete (%)	Expected Expenditure Ratio	Notes
Woodview Access	\$ 27,893.25	\$ 12,173.40	100%	0.44	Savings incurred due to crew working from town and no camp establishment required.
Beard Access	\$ 25,541.73	\$ 7,809.22	100%	0.31	Construction completed in less than one day, savings incurred due to crew working from town and no camp establishment required.
Glenore Weir Service Access	\$ 41,470.85	\$ 31,310.36	100%	0.75	Overlapping costs with adjacent Glenore Weir Road (Secondary Access), when assessing together expenditure is expected to align closely with the combined RV.
Glenore Weir Road (Secondary Access)	\$ 11,743.38	\$ 13,417.00	100%	1.14	Overlapping costs with adjacent Glenore Weir Service Access, when assessing Assets together expenditure is expected to align closely with the combined RV.
Pioneer Access	\$ 34,977.91	\$ 19,354.60	100%	0.55	Overlapping camp and establishment costs with simultaneously constructed Trenton Road and Mundjuro Access. When assessing roads together expenditure is expected to align closely with the combined RV.
Clarville Road	\$ 1,229,536.07	\$ 739,481.88	100%	0.60	Overlapping camp and establishment costs with simultaneously constructed Broadwater - Iflley Road. When assessing roads together expenditure is expected to align closely with the combined RV.
Trenton Road	\$ 2,751,917.36	\$ 1,458,221.87	100%	0.53	Accrued expenditure processing, construction recently completed.
Mundjuro Access	\$ 94,246.86	\$ 34,942.05	100%	0.37	Overlapping camp and establishment costs with simultaneously constructed Trenton Road and Pioneer Access. When assessing roads together expenditure is expected to align closely with the combined RV.
Yaggar River Access	\$ 72,257.77	\$ 8,834.24	100%	0.09	Accrued expenditure processing, construction recently completed.
Yaggar River Access (Secondary Access)	\$ 43,445.97	\$ -	100%	0.00	Accrued expenditure processing, construction recently completed.
Broadwater - Iflley Road	\$ 3,524,272.79	\$ 1,021,711.80	48%	0.61	Accrued expenditure processing, road currently under construction.
Glenore Access	\$ 52,564.27	\$ 787.20	0%	1.00	
Iflley Road	\$ 4,365,707.86	\$ 745,027.70	0%	1.00	
Wondoola Access	\$ 471,158.12	\$ 20,267.60	0%	1.00	
Wondoola Bypass Road	\$ 1,021,360.02	\$ 17,272.60	0%	1.00	
<b>TOTAL</b>	<b>\$ 13,768,314.21</b>	<b>\$ 4,128,611.52</b>			

Submission 3 CSC.0017.1920E_REC					
Road Name	Construction Recommended Value	Expenditure	Complete (%)	Expected Expenditure Ratio	Notes
Shady Lagoon Access	\$ 73,713.47	\$ 33,612.33	100%	0.46	Overlapping camp and establishment costs with simultaneously constructed QRA19 Shady Lagoon Access. When assessing roads together expenditure is expected to align closely with the combined RV.
Delta Downs Road	\$ 1,598,239.95	\$ 484,646.42	0%	1.00	
Doranda Access	\$ 1,238,533.76	\$ -	0%	1.00	
Glencoe - Miranda Downs Road	\$ 516,884.05	\$ 3,919.59	0%	1.00	
Inkerman Access	\$ 1,804,651.21	\$ 2,497.44	0%	1.00	
Lotus Vale - Stirling Road	\$ 1,627,243.38	\$ -	0%	1.00	
Stirling - Miranda Downs Road	\$ 389,425.85	\$ -	0%	1.00	
Vanrook Access	\$ 149,018.33	\$ -	0%	1.00	
<b>TOTAL</b>	<b>\$ 7,647,710.00</b>	<b>\$ 524,675.78</b>			

Submission 4 CSC.0018.1920E_REC					
Road Name	Construction Recommended Value	Expenditure	Complete (%)	Expected Expenditure Ratio	Notes
Koolatah - Dixie Road	\$ 4,041,152.28	\$ 968,103.07	25%	0.83	Accrued expenditure processing, road currently under construction.
Dunbar - Koolatah Road	\$ 217,384.80	\$ 35,587.71	0%	1.00	
Koolatah - Drumduff Road	\$ 793,815.29	\$ 2,452.92	0%	1.00	
<b>TOTAL</b>	<b>\$ 5,052,352.37</b>	<b>\$ 1,006,143.70</b>			



**Appendix E - Approved Betterment Projects**

<b>Project</b>	<b>Value</b>
Normanton to Burketown Pavement Improvements and Sealing (Project 11/12)	Project RV \$3.1million Construction value \$2.5million
Normanton to Burketown Pavement Improvements and Sealing (Project 13)	Project RV \$0.96million Construction value \$0.76million
Desludging of the Normanton Sewerage Lagoon	\$974,558
Disaster Coordination Shed	\$375,000
Karumba Airport Weather Station	\$87,000
Karumba Chlorine Generator	\$180,000
Normanton Water Treatment Plant Pipework Upgrades	\$150,000
Normanton Water Treatment Plant Storage Upgrades	\$40,000
Investigation into New Karumba Sewage System	\$80,000
Glenore Weir Intake, Pipework and Valve Set Upgrades	\$320,000
Karumba Foreshore	\$500,000
Normanton Stormwater Upgrades	\$228,882

**Appendix F – EOT Approvals**

<b>Submission Reference</b>	<b>Funding Type</b>	<b>Project</b>	<b>Previous Time Limit</b>	<b>EOT Duration (months)</b>	<b>EOT approval</b>
CSC.0006.1819E.REC	QRA19 REPA	Submission 1	30-Jun-21	3	30-Sep-21
CSC.0010.1819E.REC	QRA19 REPA	Submission 2	30-Jun-21	6	31-Dec-21
CSC.0009.1819E.REC	QRA19 REPA	Submission 3	30-Jun-21	3	30-Sep-21
CSC.0019.1819E.REC	QRA19 REPA	Submission 4	30-Jun-21	3	30-Sep-21
CSC.0015.1819E.REC	QRA19 REPA	Submission 5	30-Jun-21	6	31-Dec-21
CSC.0025.1819E.REC	QRA19 REPA	Submission 6	30-Jun-21	6	31-Dec-21
CSC.0016.1819E.REC	2018-19 Betterment	Normanton to Burketown Sealing P11/12	30-Jun-21	4	31-Oct-21
CSC.0017.1819E.REC	2018-19 Betterment	Normanton to Burketown Sealing P13	30-Jun-21	4	31-Oct-21
CSC.0011.1819E.DWS	2018-19 Betterment	Desilting of the Normanton Sewer Lagoons	30-Jun-21	3	30-Sep-21

## **BUSINESS PAPERS**

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### **10.3 WATER AND WASTE REPORT - SEPTEMBER 2021**

**Attachments:** NIL  
**Author:** Ben Hill - Manager Water and Sewerage  
**Date:** 14 October 2021

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**Key Outcome:** 5.3 - A safe and sustainable water network  
**Key Strategy:** 5.3.1 Plan, deliver and manage efficient and sustainable, high quality, water supply systems.

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#### **Executive Summary:**

Normanton Water Treatment Plant (WTP), Karumba Sewage Treatment Plant (STP) and Normanton STP are operating effectively. The following items of interest are discussed in further detail within the report:

- Water levels at Glenore Weir are approximately 1.75m (AHD).
- Total treated water was 93.4ML for the month.
- The new Actiflo clarifier is now in full production.
- Scheduled water systems audit completed.
- Resulting DWQMP review to be undertaken before the end of January 2022.
- Normanton STP de-silting project now complete.
- Ten low pressure sewer pumps were replaced in Karumba.
- The waste operations contract is ready to kick off in early October.

#### **RECOMMENDATION:**

That Council:

1. accepts the Water and Wastewater Report as presented for the period ending 30<sup>th</sup> September 2021; and
2. that those matters not covered by resolution be noted.

#### **Background:**

##### **Glenore Weir**

The DNRME level gauge at Glenore Weir recorded a level of 6.05m on the 30<sup>th</sup> August (1.75m AHD). The Bureau of Meteorology recorded no rainfall at Normanton Airport during the month.

## BUSINESS PAPERS

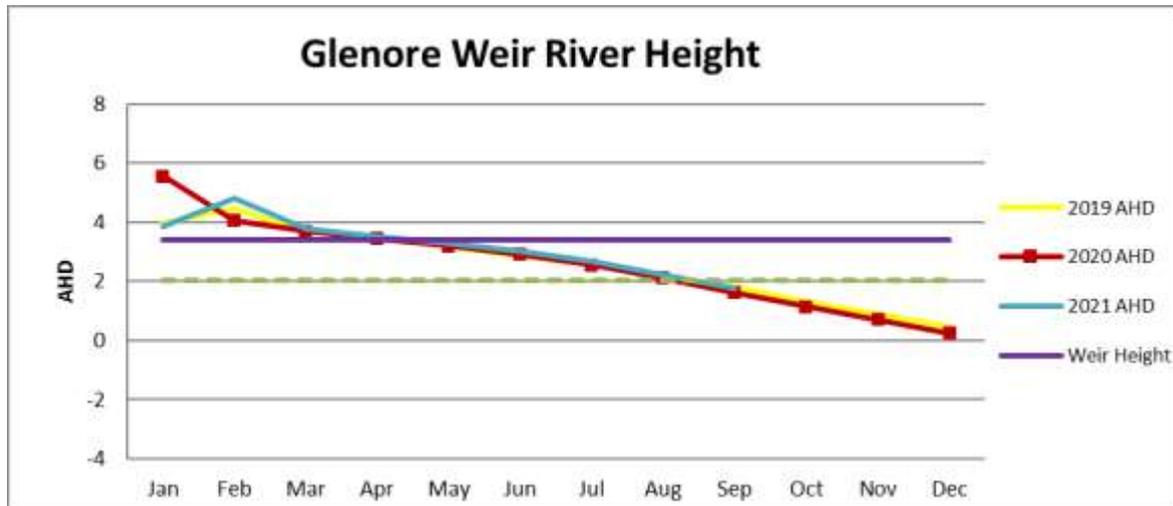


Figure 1: Glenore Weir River Height on the last day of the month.

### Normanton Water Treatment Plant

For the month, 89.2ML was pumped from Glenore Weir and 4.2ML from the Normanton bore for a total of 92.9ML of raw water. As can be seen in Figure 1, water consumption is around average for this time of year.

Normanton consumed 58.4ML (62.5%) and 30.8ML (33.0%) was pumped to Karumba, approximately 3.4ML (3.6%) was used for backwashing and bulk water supply/storage. The remaining 0.7% was recorded as systems losses.

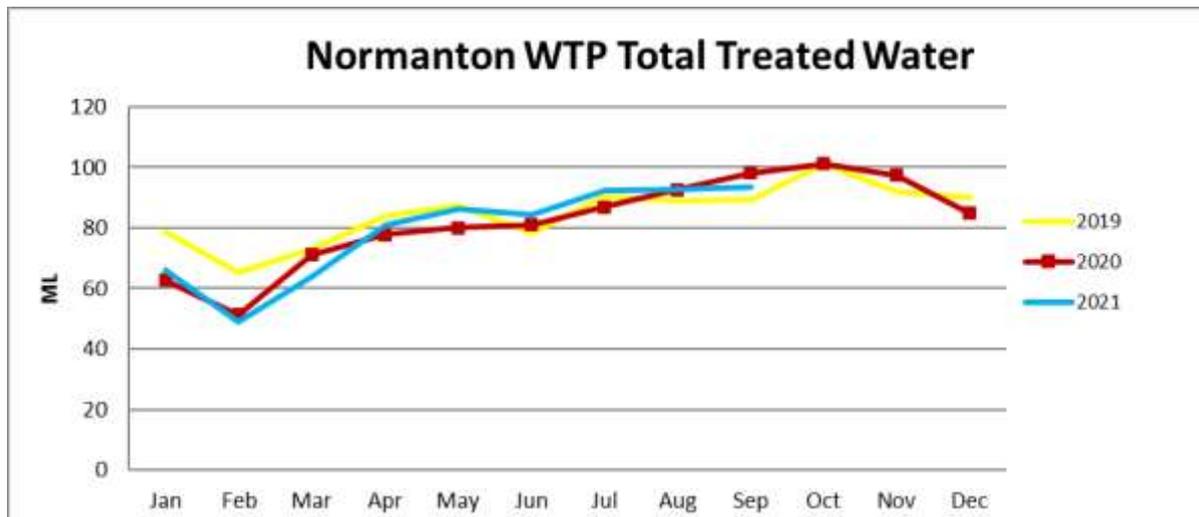


Figure 2: Total raw water treated

### **Maintenance and Upgrades**

The new Actiflo clarifier has now been in full operation for approximately two months and is producing great results. Most of the teething issues have been finalized with some minor things to still be completed. As discussed in the previous report, the clarifier will remain in

## BUSINESS PAPERS

operation over the next couple of months to ensure that it continues to be reliable, then the old clarifier will be taken completely out of service to perform maintenance and refurbishment. The control system and SCADA will also be worked on in order to bring the old system up to standard. There are currently work-arounds in place that have been in use for years that can now be addressed.

Works on the raw water delivery pipeline have commenced, with Barto's Construction now having received pipe and fittings. The work is being partly funded by the Building Better Regions Funding and North Queensland Recovery and Resilience. The works are scheduled to be completed in October and should be well underway by the time the monthly meeting takes place.

The senior operator took well overdue annual leave for the month and with no other available local operators, a relief operator was engaged through LO-GO appointments. He was already familiar with the plant from previous experience and worked in quite well. Managers and other staff members were also used to fill in as required and to perform necessary works.

The four yearly Drinking Water Quality Management Plan audit was undertaken by Jeff Ballard from Northern Water Management in accordance with regulatory requirements. The audit found that Council is meeting it's requirements as a water service provider and has adequate plans and processes in place to manage risks to public health and provide safe drinking water to customers.

### **Normanton Sewage Treatment Plant and Reticulation Network**

Normanton Sewerage Treatment Plant (STP) received 8.8ML (see Figure 3) of wastewater in September. The treated effluent has seen improvement since the completion of the de-silting project and met the requirements of Council's Environmental Authority (licence). The biosolids that were removed have been managed and treated and will be now be used as a resource material for soil conditioning and be mixed with dry waste material at the landfill to aid in digestion.

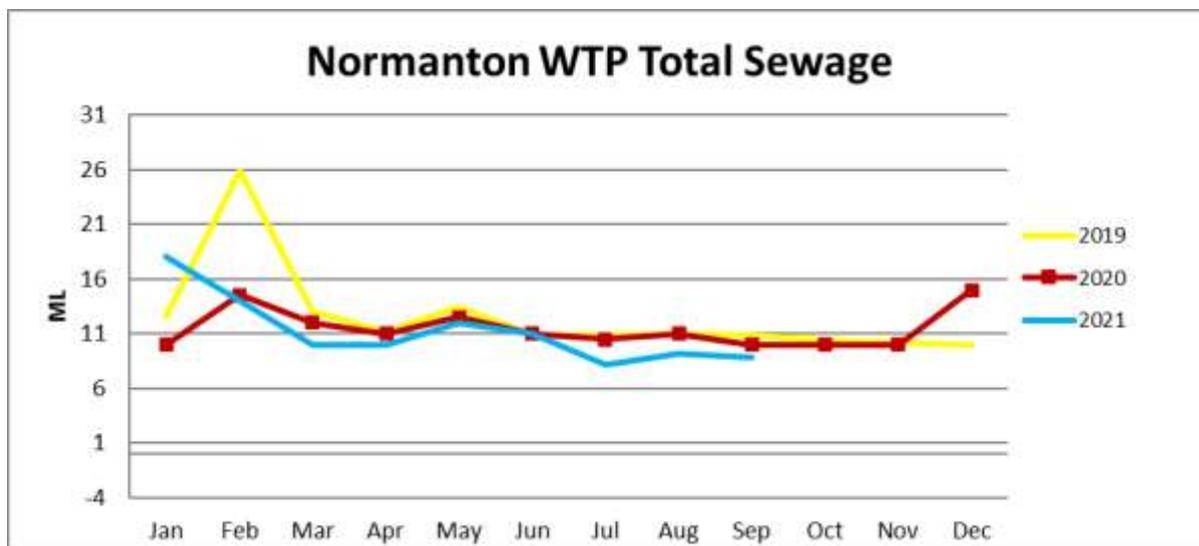


Figure 3: Total volume treated at Normanton STP

## BUSINESS PAPERS

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### Maintenance and Upgrades

Plant performance and clarity continue to improve since the de-silting project has been completed. Once additional staff members are in place, continued work on monitoring, cleaning and irrigation repairs will continue.

### Karumba STP and Low Pressure Network

Karumba Sewage Treatment facility treated approximately 4.7ML (see Figure 4) for the month.

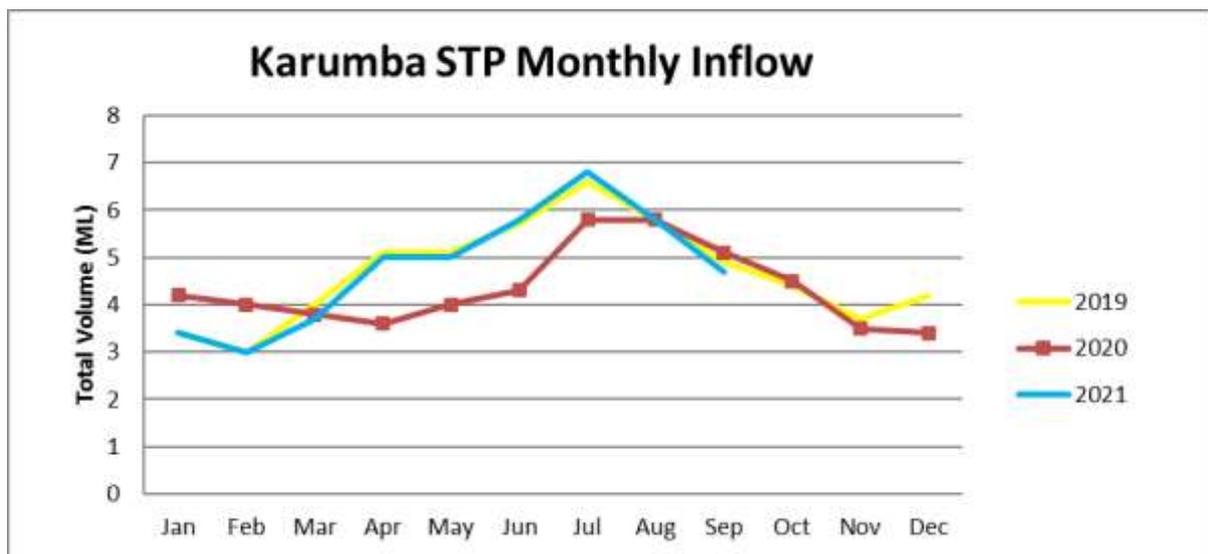


Figure 4: Total Monthly inlet flow for Karumba STP.

### Compliance

Samples from the treatment plant were analysed and found to be within range of all parameters as set out in the Environmental Authority.

### Maintenance and Upgrades

The bio-solids have been dried and carted to Normanton Landfill to continue to be treated. It will most likely be used by the new operators to bind/cover the general waste. During the month, a total of ten E-one pumps were replaced within the sewer network. A representative of Enviro-One will be performing repairs and services to the pumps during October.

### Karumba Waste Transfer and Normanton Landfill

Wanless Pty Ltd will be taking over the management of the waste operations (excluding rubbish collection) in early October. Currently preparations are being made for the handover. By the time of the Council meeting, the handover should have been completed with minor carryover works to be completed.

## BUSINESS PAPERS

### Finance and Budget

Responsible Officer	Ben Hill - Manager Water And Sewerage			
Type	(Multiple Items)			
<b>Row Labels</b>	<b>Sum of Original Budget</b>	<b>Sum of Actual Bal</b>	<b>Sum of Order Value</b>	<b>Sum of Total Spend</b>
Operating Expenditure				
Landfill/ Waste Transfer Operations	751,328	256,243	715,199	971,442
Refuse Collection	262,536	63,788	56	63,843
Sewerage	1,510,568	153,084	22,203	175,287
Water	2,567,893	210,555	62,635	273,190
<b>Operating Expenditure Total</b>	<b>5,092,324</b>	<b>683,670</b>	<b>800,093</b>	<b>1,483,762</b>
Operating Income				
Landfill/ Waste Transfer Operations	-845,960	-1,091	0	-1,091
Sewerage	-1,599,000	-14,655	0	-14,655
Water	-1,840,000	244,634	0	244,634
<b>Operating Income Total</b>	<b>-4,284,960</b>	<b>228,889</b>	<b>0</b>	<b>228,889</b>
<b>Grand Total</b>	<b>807,364</b>	<b>912,558</b>	<b>800,093</b>	<b>1,712,651</b>

#### Consultation (Internal/External):

- Director of Engineering - Michael Wanrooy.
- Manager Water and Waste - Ben Hill.
- Trades and operational staff.
- Wanless (Nth Qld Pty Ltd)
- Enviro-One Services.

#### Legal Implications:

- Low – within normal operational parameters.

#### Financial and Resource Implications:

- Medium – upgrades required for 2020/21 financial year to remain compliant.

#### Risk Management Implications:

- Nil.

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### 10.4 WORKSHOP REPORT

<b>Attachments:</b>	NIL
<b>Author:</b>	William Bollen - Workshop Foreman
<b>Date:</b>	14 October 2021
<b>Key Outcome:</b>	5.1 - Integrated and timely provision and management of sustainable infrastructure and assets
<b>Key Strategy:</b>	5.1.1 Develop a Strategic Infrastructure and Asset Management Plan to guide the provision, maintenance, decommissioning, replacement and enhancement of Council assets and infrastructure.

#### Executive Summary:

This report provides information and updates to Council on various maintenance and repairs that are facilitated within the Workshop.

#### RECOMMENDATION:

That Council:

1. receive the Workshop Report as presented; and
2. that those matters not covered by resolution be noted.

#### Background:

Scheduled Maintenance ongoing on all plant.

<b>P1778</b>	Ford Ranger, both front rims were buckled and had to be replaced, the front end has extensive tow in, the engine bash plate was pretty destroyed, and the vehicle was 8000klm overdue for its service interval.
<b>P9928</b>	was reported to have no air-con but the vehicle was not in the depot.
<b>P9934</b>	Hilux Rego:610-BI2, replaced stater motor and vehicle started up however there is an internal engine issue and we're possibly not getting the most accurate story to diagnose without dismantling so will send back to Fleet Crew.
<b>P2512</b>	Giga Water Truck, the following need replacing Rear right hub on (order), both rims (on order), studs and nuts (on order), Brake drum and possibly shoes.

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### **Service, Repairs and Maintenance**

#### **Completed Tasks:**

Below is the works carried out over the last month:

Please note majority of these service and repairs include travel time

<b>P3701 Loader</b>	250hrs service completed, step belt repaired, and radiator cleaned 7423hrs
<b>P9933</b>	Hilux full service completed at 30,000klm rear tyres replaced
<b>P1771</b>	Hilux serviced and engine mounts replaced
<b>P9936</b>	Landcruiser 60,000klm service, repair steering arm
<b>P9930</b>	Cruiser replaced shock absorbers all round, replace rear tyres
<b>P9920</b>	Hilux replace headlight bulbs, replace front brake pads, replace front tyres
<b>P9923</b>	Cruiser complete 150,000klm service
<b>P9934</b>	Hilux complete 10,000klm service at 13888klm
<b>P9924</b>	Cruiser complete 50,000klm service at 52,054
<b>P9922</b>	Hilux complete 90,000klm service at 91133klm
<b>P9936</b>	Cruiser windscreen replaced
<b>P9930</b>	Hilux suspension repairs
<b>P1778</b>	Electrical issue with hill start
<b>P1568</b>	Hilux removed fuel tank to repair harness for rear lights
<b>P1108</b>	New workshop ute fuel leak, drive shaft rubbing on fuel tank
<b>P1664</b>	Cruiser, bearing replaced brakes replaced arms repaired and awaiting steering box
<b>P1665</b>	Cruiser toolboxes, removed and driver door repaired
<b>P2403</b>	Western Star, A/C compressor replaced, and ice box cooling fan replaced

<b>P1877</b>	Colorado logbook service completed
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<b>P9933</b>	Cruiser windscreen replaced
<b>P3516</b>	Grader transmission re-calibrated and tested possible solenoid fault (parts on order)
<b>P3811</b>	Stabilizer 1000hrs service completed by Wirtgen fitters and workshop
<b>P3515</b>	Grader 250hr Service completed
<b>P3717</b>	Grader 250hr Service completed
<b>P9922</b>	Hilux Replace front tyres

**Plant currently on the waiting list for repairs for either parts or diagnosing:**

**Plant not currently being used:**

**Consultation (Internal/External):**

- Nil

**Legal Implications:**

- Nil

**Financial and Resource Implications:**

- Nil

**Risk Management Implications:**

- Within normal operating parameters

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### 10.5 BUILDING AND PLANNING REPORT

<b>Attachments:</b>	NIL
<b>Author:</b>	Elizabeth Browning - Engineering Records Operator
<b>Date:</b>	14 October 2021
<b>Key Outcome:</b>	4.1 - Sustainable urban and rural development
<b>Key Strategy:</b>	4.1.1 Ensure development accords with Carpentaria Shire Council's planning scheme, planning instruments, codes and legislation.

The report is to advise Council of relevant planning and building activities within the Shire for the month of September 2021.

#### RECOMMENDATION:

That Council note and accept the content of the Building and Planning Report as presented.

#### Background:

##### Planning Applications Received

DA No.	Applicant	Address	Application Type	Status
I/2110	Bradley Hawkins (c/- P R Planning)	Old Croydon Road, Normanton QLD 4890	MCU (Worker Accommodation)	(Public Notification closed)

##### Planning Applications Approved

DA No.	Applicant	Address	Application Type	Status
Nil				

##### Building Applications Received by Building Certifier

DA No.	Applicant	Address	Application Type	Value
I/2105	Gulf Christian College Ltd	11 Little Brown Street, Normanton QLD 4890	Removal of house & shed (demolition)	
I/2111	Jake & Sarah Randall	36 Green Street, Normanton QLD 4890	New Construction of Dwelling	
I/2112	Sam Nala	33-37 Brown Street, Normanton QLD 4890	New Construction of Pharmacy	
I/2116	Gulf Christian College Ltd	44 Green Street, Normanton QLD 4890	New Construction of Duplex (Class 1a)	

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### Building Permits Issued

DA No.	Applicant	Address	Application Type	Value
Nil				

### Applications pending waiting on further information (Applicants advised)

DA No.	Applicant	Address	Application Type	Date Received
I/2106		4 Norman Street, Karumba QLD 4891	Shed Refund Archive fees	
I/2114		12 Noel Street, Normanton QLD 4890	Plumbing Application retracted	

### Consultation (internal/external)

- Liz Taylor – Consultant Town Planner
- Michael Pickering – Consultant Town Planner
- Peter Watton – Building Certifier
- Harald Weber – Building Certifier
- Donna Messer – Building Certifier

### Legal implications

- N/A

### Policy Implications

- N/A

### Financial and Resource Implications

- N/A

### Risk Management Implications

- Low – risks are within normal operational parameters

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### 10.6 TOWN PLANNING APPLICATION - MATERIAL CHANGE OF USE - WORKER ACCOMMODATION (OLD CROYDON ROAD NORMANTON)

<b>Attachments:</b>	10.6.1. Appendix 1A - Proposal Plan <a href="#">↓</a> 10.6.2. Appendix 1B - Ablution Block Plan <a href="#">↓</a>
<b>Author:</b>	Elizabeth Browning - Engineering Records Operator
<b>Date:</b>	14 October 2021
<b>Key Outcome:</b>	4.1 - Sustainable urban and rural development
<b>Key Strategy:</b>	4.1.1 Ensure development accords with Carpentaria Shire Council's planning scheme, planning instruments, codes and legislation.

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#### Executive Summary:

The Council is in receipt of an Application for Material Change of Use (MCU) for Worker Accommodation, on land at Old Croydon Road Normanton, being Lot 2 N14861 – Term Lease 234871. The State, as landowner, was required to sign the Land Owners Consent form for this application and this took some time to organise through the Consultant.

The Application is Impact assessable development, so required Public Notification but did not require referral to the State Assessment Referral Agency (SARA).

The application is generally compliant with the Carpentaria Shire Planning Scheme and is recommended for approval, subject to conditions.

#### RECOMMENDATION:

That Council resolve:

In accordance with the *Planning Act 2016* as amended, the applicant be notified that the Application for a Development Permit for a Material Change of Use for Worker Accommodation located at Old Croydon Road Normanton, described as Lot 2 N14861 – Term Lease 234871, is approved, subject to the conditions detailed below.

#### A. ASSESSMENT MANAGER CONDITIONS (COUNCIL)

##### General

1. The development shall be undertaken substantially in accordance with the submitted Proposal Plan - dated 14.07.21 and Plan of the Ablution Block – dated 19.09.21, except as modified by this approval and to the satisfaction of the Chief Executive Officer or delegate.
2. This approval, granted under the provisions of the *Planning Act 2016*, shall lapse six (6) years from the day the approval takes effect in accordance with the provisions of section 85 of the *Planning Act 2016*, if the development has not been commenced.

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### **Maintenance of the Site**

3. The applicant shall ensure the area around the development is maintained in a clean and tidy condition at all times, to the satisfaction of the Chief Executive Officer or delegate.

### **Drainage**

4. The site is required to drain to a lawful point of discharge, to the satisfaction of the Chief Executive Officer or delegate.

### **Lot & Lease Area**

5. The development is required to be sited wholly within Lot 2 N14861 – Term Lease 234871; and it is the responsibility of the Lessee to ensure the Lease boundaries are confirmed prior to development proceeding, to the satisfaction of the Chief Executive Officer or delegate.
6. The Worker accommodation is to operate in association with the adjoining/nearby industrial/commercial activities operated by the Lessee and at all times is only to be occupied by employees/contractors of the Lessee; and none of the rooms are to be rented out, on a commercial basis, by the Lessee, to the satisfaction of the Chief Executive Officer or delegate.
7. This approval for the Lease area to be used for Worker Accommodation, ancillary to the adjoining/nearby industrial/commercial activities operated by the Lessee, shall lapse if the Lessee surrenders/relinquishes or does not extend/renew the Lease; and the Lessee must remove all buildings and infrastructure from the site within 8 weeks, to the satisfaction of the Chief Executive Officer or delegate.
8. Should any of the Council's assets be damaged during the construction of any associated works, the cost of the reinstatement of all such assets shall be met by the applicant/proponent and to the satisfaction of the Chief Executive Officer or delegate.
9. Should the Lessee be successful in freeholding Lot 2 N14861 and wishes to continue utilising the land for Worker Accommodation, the new freehold lot is required to be amalgamated with the adjacent Transport Depot site owned by the Lessee, being Lot 1 N14854 to the satisfaction of the Chief Executive Officer or delegate.

### **Worker Accommodation Operations**

10. The Worker Accommodation is to be comprised of:
  - a) a maximum of 8 accommodation dongas (non-self-contained) each with 5 bedrooms, providing a maximum of 40 beds; and
  - b) a well-lit ablution block, centrally located, comprising 5 bathrooms, each containing a shower, toilet and basin and connected to a septic system that is fully compliant with the Plumbing Code of Australia; and



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### **F. RIGHT OF APPEAL**

Appeal Rights from the *Planning Act 2016* are attached.

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### **TOWN PLANNING REPORT**

This report has been prepared by Council's Town Planning Consultant, Liz Taylor, in consultation with Council Officers.

### **MATERIAL CHANGE OF USE**

#### **1.0 SITE AND APPLICATION SUMMARY**

<b>APPLICANT:</b>	Mr Bradley Hawkins
<b>REGISTERED LAND OWNER:</b>	State Government – Department of Resources
<b>LOCATION:</b>	Old Croydon Road, Normanton
<b>REAL PROPERTY DESCRIPTION:</b>	Lot 2 N14861 – Lease Term 234871
<b>SITE/LEASE AREA:</b>	8,094m <sup>2</sup>
<b>EXISTING USE:</b>	Industrial land – (7 dongas)
<b>PROPOSED USE:</b>	Worker Accommodation
<b>TYPE OF APPLICATION:</b>	Material Change of Use – Impact Assessable
<b>TOWN PLANNING ZONING:</b>	Industrial
<b>SUBMISSIONS:</b>	None
<b>REFERRAL AGENCIES:</b>	None
<b>CONCURRENCE AGENCY</b>	None
<b>ADVICE AGENCY</b>	N/A

#### **2.0 BACKGROUND**

In August 2021 an Application for Material Change of Use was lodged with the Council to legalize Worker Accommodation on the site, to service employees/contractors of the

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Lessee and the adjoining Transport Depot and nearby industrial/commercial activities, owned and operated by the Lessee, when required.

The site is Leasehold land and cannot be amalgamated with the adjacent freehold, where the Transport Depot operates. It is understood the applicant is seeking to freehold Lot 2 and if this occurs the ancillary Worker Accommodation site can be and should be amalgamated with the adjoining site which contains the primary use – Transport Depot. Equally, if the leaseholder relinquishes or does not extend/renew the Lease when it comes up for renewal, the Worker Accommodation land use must cease on Lot 2, these issue will be dealt with by conditions, on any approval.

The Application is Impact Assessable and no submissions were received during the Public Notification period.

The application did not require State referral and is generally compliant with the Planning Scheme.

### **3.0 SITE**

The site is described as Lot 2 N14861 and has an area of 8,094m<sup>2</sup> and a frontage to Old Croydon Road of 85 meters and is generally level and situated just east of the town of Normanton.

The site has access to all urban infrastructure and services, excluding connection to the reticulated town sewer system, and is located in an area of primarily large industrial activities, several of them operated by the Lessee.



**SITE PLAN**

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### **4.0 PROPOSAL**

The applicant owns and operates the largest transport and logistics business in the Gulf region. Drivers and maintenance staff are difficult to entice to remote communities, even those as attractive as the Gulf; as they are rarely prepared to stay for extended periods and finding accommodation is problematic when the peak operating times coincide with peak tourist season.

In order to maintain a sustainable level of service to the region the applicant has determined that dedicated workforce accommodation on-site is required.

It is proposed to accommodate nine (9) transportable donga buildings on the site with eight (8) buildings being used for accommodation and one (1) building providing ablution facilities. The buildings are standard ATCO transportable dongas each containing five (5) bedrooms. Currently there are seven (7) accommodation dongas on the site with the possibility of two (2) additional dongas if required. At capacity the worker accommodation would comprise 40 bedrooms and an ablution block with 5 bathrooms.

It is proposed to site the buildings on the cleared area of the site with covered verandas, connecting all the dongas and the ablution block, providing both a covered walkway connection and a covered area for recreation. There is ample area for car parking adjacent to the donga's and readily accessible to and from Old Croydon Road.

The use of Lot 2 for Worker Accommodation is readily accessible to the adjoining Transport Depot, refer Site Plan above.

The accommodation is quite basic but suitable for employees to use for short term stays. This form of accommodation, which will be conditioned only to be used by employees/contractors of the applicant, will not operate commercially or in competition with any motels or hotel accommodation in Normanton.

Copies of the Proposal Plan and a Plan of the Ablution Block are attached to this report at [Appendix 1](#).

### **5.0 STATUTORY PLANNING CONSIDERATIONS**

The proposed development is undefined in the Planning Scheme and is Impact assessable development and therefore required Public Notification.

### **6.0 DEVELOPMENT REQUIREMENTS**

The application is Impact assessable and requires assessment against the following provisions in the Planning Scheme:-

- Strategic Framework;
- Desired Environmental Outcomes;
- Industrial Zone Code; and
- General Development Code.

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### Strategic Framework

A primary Objective of the Strategic Planning Framework is:-

*“the towns of Normanton and Karumba will continue to provide a focus for business, community activities and infrastructure provision within the Shire, with Normanton being the more important centre.”*

### Desired Environmental Outcomes (DEO's)

Relevant DEO's, are as follows: –

*“To recognise and consolidate the function of Normanton as the administrative, business and community services centre within the shire;*

*To provide the diverse residential, recreational and accommodation needs of the residents of the shire and its visitors;*

*To maximise the economic base of the shire by increasing the shire's tourism, business, commercial, industrial and agricultural potential;*

*To establish a coordinated approach linking the provision of infrastructure, land-use and economic development.”*

### Industrial Zone Code

An assessment against the relevant provisions of the Industrial Zone Code is outlined below.

### **Development Requirements – Industrial Zone Code**

<b>Specific Outcome</b>	<b>Probable Solution</b>	<b>Consultant Response</b>
<p><b>Consistent and Inconsistent Activities in the Industrial Zone</b></p> <p>The following defined uses or use classes are consistent with the Overall Outcomes sought by the Zone:</p> <ul style="list-style-type: none"> <li>(i) Business (where located within the Karumba Township);</li> <li>(ii) Caretaker's Residence;</li> <li>(iii) Community Infrastructure</li> <li>(iv) Dwelling House (where located within the Karumba Township);</li> </ul>	<p>No Probable Solutions are prescribed.</p>	<p>The proposed Worker Accommodation will operate in association with the adjoining Transport Depot, which is an industrial use and therefore the Worker Accommodation is not considered to be an inconsistent use.</p>

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<p>(v) Industry;</p> <p>(vi) Service Station; and</p> <p>(vii) Showroom</p>		
<p>The following defined uses or use classes are consistent with the Overall Outcomes sought by the Zone:</p> <p>(i) Accommodation Building;</p> <p>(ii) Aerodromes and Aviation Facilities;</p> <p>(iii) Agriculture;</p> <p>(iv) Animal Husbandry;</p> <p>(v) Business (where not located within the Karumba Township);</p> <p>(vi) Community Facilities;</p> <p>(vii) Duplex Dwelling;</p> <p>(viii) Dwelling House (where not located within the Karumba Township);</p> <p>(ix) Extractive Industry;</p> <p>(x) Home-based Industry;</p> <p>(xi) Hotel;</p> <p>(xii) Intensive Agriculture;</p> <p>(xiii) Medical Centre;</p> <p>(xiv) Minor Aquaculture;</p> <p>(xv) Motel;</p> <p>(xvi) Multiple Dwelling;</p> <p>(xvii) Shop;</p> <p>(xviii) Special Industry;</p> <p>(xix) Sport and Recreation;</p> <p>(xx) Station Homestead; and</p> <p>(xxi) Tourism – minor and major</p>	<p>No Probable Solutions are prescribed.</p>	<p>As above.</p>
<p><b>Natural and Cultural Values</b></p> <p>There are no significant adverse effects on the cultural and natural values of the environment, including water</p>	<p>No Probable Solutions are prescribed.</p>	<p>Complies – the Worker Accommodation will be located on cleared land.</p>

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<p>pollution, arising from, but not limited to:</p> <ul style="list-style-type: none"> <li>(i) Disturbance of the land;</li> <li>(ii) Siting of buildings and other works;</li> <li>(iii) Waste disposal;</li> <li>(iv) Public access; or</li> <li>(v) Fire hazard.</li> </ul>		
<p>Amenity, Public Health or Safety</p> <p>There are no significant adverse effects on amenity, public health or safety with regard to the following:</p> <ul style="list-style-type: none"> <li>(i) Sewage disposal;</li> <li>(ii) Water supply for human use; or</li> <li>(iii) Permanent or temporary occupation of, or access to, areas subject to natural hazards.</li> </ul>	<p>No Probable Solutions are prescribed.</p>	<p>Conditions on any approval will ensure compliance with amenity, public health and safety.</p>
<p><b>Operation and Provision of Infrastructures</b></p> <p>Uses are of a type and scale that maintain the standards of service identified in Schedule 1, Part 1.</p> <p>Water supply, sewerage and roads are provided to:</p> <ul style="list-style-type: none"> <li>(i) meet appropriate standards at the least whole-of-life cost, including avoiding unnecessary duplication;</li> <li>(ii) be robust and fit for the purposes and intended period of operation;</li> <li>(iii) be easily maintained without unnecessarily requiring specialist expertise or equipment;</li> </ul>	<p>Water supply, sewerage and roads are constructed to relevant standards stated in Schedule 1, Part 32.</p>	<p>Can comply.</p>



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	<p>pollutants are provided with bunded, impervious surfaces linked to an integrated drainage and treatment systems;</p> <p>b) involve the storage of waste water are provided with properly designed and constructed, secure, sealed storage facilities; or</p> <p>c) contain all liquid wastes and discharge them to a sewer or removed from the site for treatment and disposal to an approved facility.</p>	<p>Can be condition to comply.</p> <p>N/A</p>
<p><b>Built Form</b></p> <p>The built form is compatible with the desired character and amenity of the surrounding area and does not adversely affect the visual amenity.</p>	<p>The maximum height of a building, structure or object, or height at which an activity is carried out, is 12.75m.</p>	<p>Complies.</p>
<p><b>Other Uses</b></p> <p>In order to operate effectively industrial uses, need a waterfront location or need to be located adjacent to other uses requiring a waterfront location.</p>	<p>No Probable Solutions are prescribed.</p>	<p>N/A.</p>

The proposed development generally complies or can be conditioned to comply with the Zone Code.

### General Development Code

Column 1 – Specific Outcomes	Column 2 – Probable Solutions	
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<p><b>Boundary Roads</b></p> <p>Proposals aid in the orderly and proper acquisition of land.</p>	<p>A new road having one half the width of any other road in that locality is provided where a proposal for such a road occurs at the boundary of the land and the land is in two or more ownerships.</p> <p>Concrete kerb and channel is required along the frontage or frontages in urban area.</p>	<p>N/A</p>
<p><b>Electricity</b></p> <p>Residential, Commercial and Industrial uses are supplied with electricity where supply is practical.</p>	<p>The proposal demonstrates that a supply of electricity is approved, where a supply is practical, prior to Council's endorsement on the plan of survey.</p>	<p>Complies – will be connected to the reticulated system located to the site frontage.</p>
<p><b>External Works</b></p> <p>Any defined uses or use classes are to provide for external works relative to its size and scale and location in an urban or rural area.</p>	<p>Proposals include:-</p> <ul style="list-style-type: none"> <li>(i) in non-urban areas the construction of concrete kerb and channel is to be for the full length of the frontage or frontages of the site if such standard of kerb and channel exists within 100m of the development;</li> <li>(ii) grading of the footpath for the full length of the frontage or frontages of the site;</li> <li>(iii) crossings over channel and footpath;</li> <li>(iv) a constructed footpath for the full length of the frontage or frontages of the site if such standard of constructed footpath exists within 100m of the development;</li> <li>(v) where the road is not fully paved, the paving</li> </ul>	<p>Complies with the Specific outcome.</p>

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	<p>of the road with bitumen between the existing pavement and the channel if such standard of paved road exists within 100m of the development; and</p> <p>(vi) where the constructed road is not paved, the construction of the carriageway and the paving with bitumen from the lip of the channel to the centre-line for half the width of the carriageway or for a width of 6 metres, whichever is greater. Where concrete kerb and channel is not required, for a width of 6 metres if such standard of road exists within 100m of the development.</p>	
<p><b>Landscaping</b></p> <p>The visual amenity in any locality is enhanced by proposals that incorporate landscaping appropriate to the area in the density and height of the vegetation proposed. Visual screening by mounds, screen walls, or the planting of trees and shrubs.</p>	<p>Existing vegetation to be retained.</p>	<p>Can comply.</p>
<p><b>Lighting</b></p> <p>Any proposed lighting has no adverse impacts on the surrounding residential areas.</p>	<p>The level of illumination at the boundary of the site does not exceed 8 lux measured at any level upwards from the ground level.</p> <p>Lighting is shielded or screened in a manner that causes minimal impact on adjoining properties.</p>	<p>No change proposed</p>
<p><b>Parking, Loading and Unloading</b></p>	<p>Parking spaces comply with Table 6.1 – Areas and</p>	<p>Complies - there is more than adequate space on site</p>

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<p>Car parking does not hinder or obstruct the use of any area by pedestrians or other vehicles.</p> <p>Parking areas are laid out in such a manner as to provide adequate access to each parking space and to permit free circulation of vehicles entering, leaving and parking.</p>	<p>Dimensions. Access to parking spaces is provided from an aisle with an unobstructed width of at least 6.2 metres.</p> <p>For a parallel parking space the minimum dimensions are 6.2 metres by 2.6 metres.</p> <p>Car parking spaces for particular uses are in accordance with Table 6.11 – Number of Car Parking Spaces Required.</p> <p>The gradient of a parking space does not exceed 10 per cent.</p> <p>Parking areas are:-</p> <ul style="list-style-type: none"> <li>(i) drained, sealed, marked and signed;</li> <li>(ii) readily accessible for vehicular use and designed so that vehicles can enter or leave the premises in forward gear;</li> <li>(iii) not closer than 3 metres from the alignment of any structure;</li> <li>(iv) not closer than 3 metres to any boundary of the site;</li> <li>(v) landscaped;</li> <li>(vi) provided with trolley bay areas, pedestrian walkways and devices to facilitate safe pedestrian circulation; and</li> <li>(vii) provided with motorbike and cycle parking spaces.</li> </ul> <p>Parking areas are located within the site on which the use is to be conducted.</p> <p>Adequate space is provided</p>	<p>to accommodate vehicles associated with the Worker Accommodation and vehicles can enter and exit the site in forward gear.</p>
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	for the loading, unloading and fuelling of vehicles, for the parking of trailers and for the picking up and setting down of passengers.	
Parking of heavy vehicles has no detrimental effect on the amenity of residential areas.	Heavy vehicles used for the cartage of livestock are not parked in a Residential Zone except for the prime mover exclusive of any trailers.  Where parking a heavy vehicle on land used for residential purposes occurs, provision is made to house the vehicle in a Class 1 or Class 10 building;  or  The vehicle is parked behind the front building alignment.	N/A  N/A  N/A
<b>Provision of Water</b>  Every Residential, Commercial or Industrial building outside the Council service area is provided with an adequate potable water supply.	Rainwater storage tanks have a minimum capacity of 4,500 litres. Where rainwater storage tanks are not supplied, a dam, dams or bore supply is available.	N/A – this site is serviced by town water and connection will be provided.
<b>Sewerage</b>  Outside the Council service area acceptable methods of sewage and sullage waste disposal protect the environment and the health of residents.	Methods of sewage disposal comply with the Department of Natural Resources and Mines On-site Sewerage Code and AS/NZS 1547:2000.	Can comply – a Code compliant waste water treatment and disposal system will be installed.
<b>Storage</b>  Storage of equipment, materials, machinery or tools has no detrimental effect on the visual amenity of a residential area.	All equipment, materials, machinery or tools of trade in any business, profession, trade or hobby are housed in a Class 1 or Class 10 building or screened.	N/A
<b>Vegetation</b>	Trees and shrubs whether	Complies – Worker

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<p>The visual amenity of the surrounding uses and of the Shire is protected. A defined use or use class does not adversely impact on the ecological or landscape values of vegetation.</p>	<p>natural growth or planted are retained on the site except where on the site of a proposed building construction or posing a fire hazard to the development. Vegetation is retained within:-</p> <ul style="list-style-type: none"> <li>(i) 50 metres of the high bank of a river; and/or</li> <li>(ii) 25 metres of the bank of any other watercourse.</li> </ul>	<p>Accommodation is in the cleared area and existing vegetation will be retained.</p>
<p><b>Drainage and Filling</b> The drainage or filling of land to enable its use.</p>	<p>Council requirements, which will be a condition of development, are met.</p> <p>The movement of material shall not cause a dust nuisance.</p> <p>There is no adverse impact on adjacent premises.</p>	<p>N/A – no filling required and the existing drainage regime will remain.</p>
<p><b>Site Access</b> The movement of vehicles, including emergency vehicles, into and out of the site is facilitated.</p>	<p>The site layout facilitates the movement of traffic without impacting on the flow of traffic on the adjoining road or roads.</p>	<p>Complies – no change proposed</p>
<p><b>Awnings Over Footpaths</b> In the Commercial Zone protection for pedestrians from severe climatic conditions is to be provided.</p>	<p>Proposals to provide covered walkways or awnings over pedestrian walkways.</p>	<p>N/A</p>

The proposed development generally complies or can be conditioned to comply with the General Development Code.

### 7.0 PUBLIC NOTIFICATION

During public notification no submissions were received.

### 8.0 STATEMENT OF REASONS

The proposed development is recommended for approval as it is generally compliant with the relevant provisions of the Planning Scheme.

## **BUSINESS PAPERS**

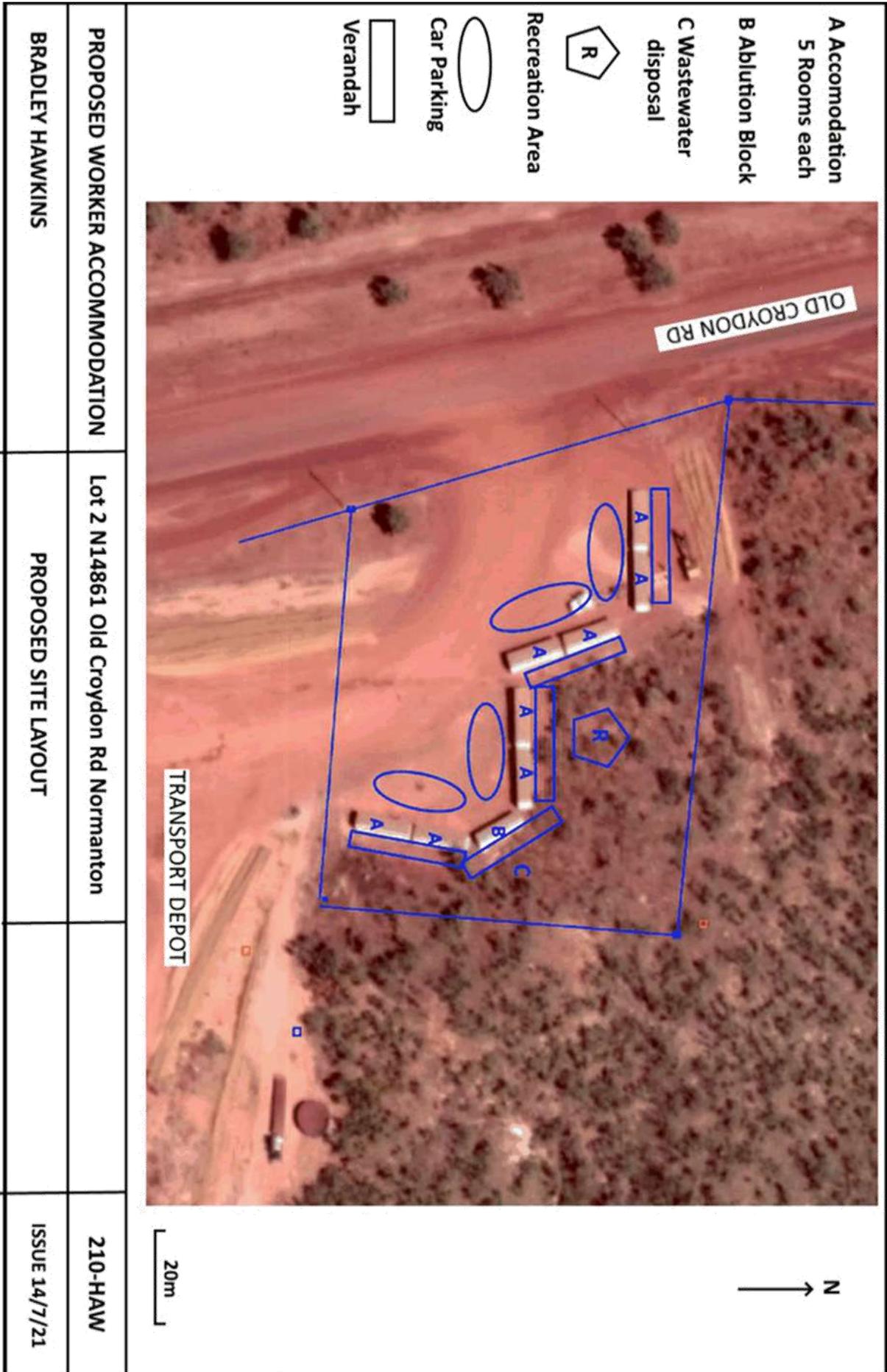
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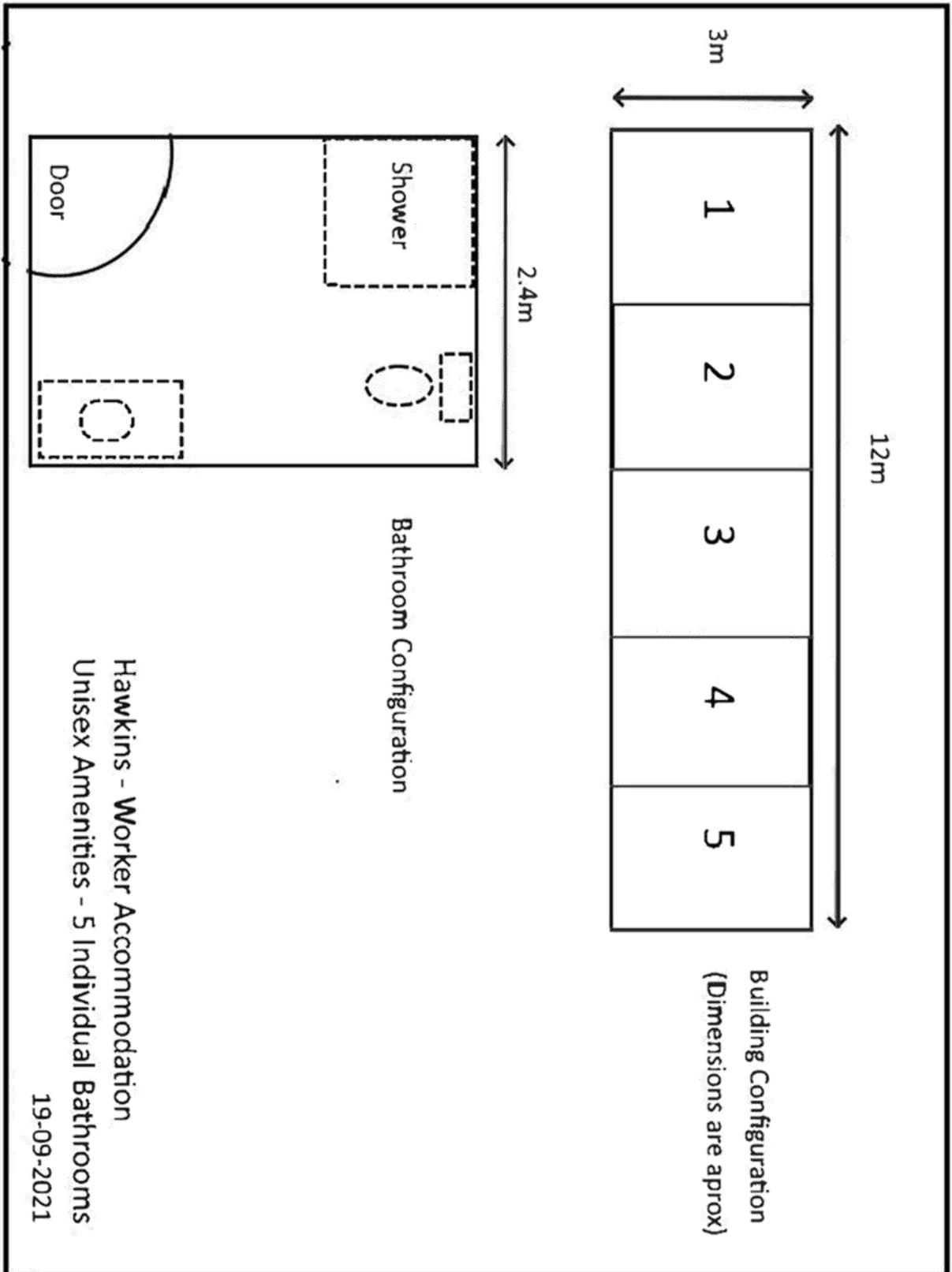
The Worker Accommodation will improve the efficiency of the Transport Depot and other industrial/commercial operations operated by the Lessee and given the scale and type of accommodation proposed will have no impact on existing tourist or commercial accommodation provided in Normanton

The proposed development has planning merit and is considered worthy of approval, subject to reasonable and relevant conditions.

### **9.0 CONCLUSION**

The proposal is generally compliant with the relevant provisions of the Carpentaria Shire Planning Scheme. In its current format, the Planning Scheme fails to provide specifically for land uses, such as this, which are typically found in remote, rural Shires; this should be addressed in any new Planning scheme prepared for the Shire. The proposed development is recommended to Council for approval subject to reasonable and relevant conditions.





## **BUSINESS PAPERS**

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- 11 GENERAL BUSINESS**
- 12 CLOSURE OF MEETING**