# Mid Coast Bush Fire Management Committee

**Bush Fire Risk Management Plan** 

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#### **Authorisation**

In accordance with Part 3 Division 4 of the Rural Fires Act 1997, this Plan has been prepared by the Mid Coast Bush Fire Management Committee and has been endorsed at the BFMC meeting on June 26, 2018 for submission to the Bush Fire Coordinating Committee.

Recommended

Chairperson

Mid Coast Bush Fire Management Committee

**Approved** 

On behalf of the

NSW Bush Fire Coordinating Committee

## Mid Coast Bush Fire Risk Management Plan Amendment List

	Amendment		Entered		
Number Date		Signature	Date		
				•	

#### **Glossary**

**Assets:** anything valued by the community which includes houses, crops, heritage buildings and places, infrastructure, the environment, businesses, and forests, that may be at risk from bush fire.

**Bush Fire:** a general term used to describe fire in vegetation, includes grass fire.

**Bush Fire Hazard:** the potential severity of a bush fire, which is determined by fuel load, fuel arrangement and topography under a given climatic condition.

**Bush Fire Risk:** the chance of a bush fire igniting, spreading and causing damage to the community or the assets they value.

**Bush Fire Risk Management:** a systematic process that provides a range of treatments which contribute to the well-being of communities and the environment, which suffer the adverse effects of wildfire/bush fire.

**Bush Fire Threat:** potential bush fire exposure of an asset due to the proximity and type of a hazard and the slope on which the hazard is situated.

Consequence: outcome or impact of a bush fire event.

**Fire Fighting Authorities:** the NSW Rural Fire Service, NSW Fire Brigades, the National Parks and Wildlife Service and Forests NSW.

**Likelihood:** the chance of a bush fire igniting and spreading.

**Major Bush Fire:** A bush fire which requires the attendance of multiple brigades, or causes damage to property or injury to one or more persons.

**Display area:** geographic area determined by the Bush Fire Management Committee which is used to provide a suitable area and scale for community participation and mapping display purposes.

**Recovery costs:** the capacity of an asset to recover from the impacts of a bush fire.

**Risk Acceptance:** an informed decision to accept the consequences and the likelihood of a particular risk.

Risk Analysis: a systematic process to understand the nature of and to deduce the level of risk.

**Risk Assessment:** the overall process of risk identification, risk analysis and risk evaluation.

**Risk Identification:** the process of determining what, where, when, why, and how something could happen.

**Risk Treatment:** the process of selection and implementation of measures to modify risk.

**Vulnerability:** the susceptibility of an asset to the impacts of bush fire.

#### **Chapter 1. Introduction**

#### 1.1 Background

Under the *Rural Fires Act 1997* the Bush Fire Coordinating Committee (BFCC) must constitute a Bush Fire Management Committee (BFMC) for each area in the State, which is subject to the risk of bush fires. Each BFMC is required to prepare and submit to the BFCC a draft Bush Fire Risk Management Plan (BFRMP).

A BFRMP is a strategic document that identifies community assets at risk and sets out a five-year program of coordinated multi-agency treatments to reduce the risk of bush fire to the assets. Treatments may include such things as hazard reduction burning, grazing, community education, fire trail maintenance and establishing community fireguard groups.

Annual programs to implement the treatments identified in this plan will be undertaken by the relevant land managers and fire fighting authorities.

In exercising its functions under the *Rural Fires Act 1997*, including the preparation of a draft bush fire risk management plan, the Mid Coast BFMC is required to have regard to the principles of ecologically sustainable development (ESD).

This document and the accompanying maps together form the BFRMP for the Mid Coast BFMC area.

This BFRMP has been prepared by the Mid Coast BFMC and covers both public and private lands. This BFRMP must be reviewed and updated within each successive five-year period from the constitution of the BFMC.

The BFCC recognises that climate change has the potential to increase bush fire risk. The risk assessment process applied in this BFRMP is based on current climatic conditions. The BFCC will monitor information on climate change and will modify the process when necessary.

#### 1.2 Aim and Objectives

The **aim** of this BFRMP is to minimise the risk of adverse impact of bush fires on life, property and the environment.

The **objectives** of this BFRMP are to:

- reduce the number of human-induced bush fire ignitions that cause damage to life, property and the environment:
- manage fuel to reduce the rate of spread and intensity of bush fires, while minimising environmental/ecological impacts;
- reduce the community's vulnerability to bush fires by improving its preparedness; and
- effectively contain fires with a potential to cause damage to life, property and the environment.

#### 1.3 Description of the Mid Coast BFMC Area

#### 1.3.1 Location and land tenure

The southern boundary of the Mid Coast BFMC area starts approximately 50 Km North of Newcastle on the Karuah River. The District boundary then extends another 170 Km along the mid north coast of New South Wales and includes the former Local Government Area/s of Gloucester, Great Lakes and Greater Taree. The current LGA of Port Macquarie Hastings is also included.

The area covered by the Mid Coast BFMC is 1,310,882 hectares and includes the land tenures outlined in Table 1.1.

Land Manager	% of BFMC area
National Parks & Wildlife Service	19.5
Forests NSW	14.9
Department of Lands	2.2
Local Government	0.6
Private	61.4
All other	1.5

**Table 1.1 Land Tenure** 

#### 1.3.2 Climate and bush fire season

The typical/average climate varies across the newly formed Mid Coast BFMC from warm temperate with a summer rainfall pattern to a humid subtropical climate characterised by warm humid summers and mild winters along the coastal area. The climate of the western section of the BFMC area is tempered by elevation. In these higher altitude areas there are lower temperatures, higher rainfall and slower drying conditions than in the coastal areas.

Based on long-term (1910–2011) observations<sup>1</sup>, temperatures have been increasing in the North Coast Region since about 1970, with higher temperatures experienced in recent decades. This warming trend is expected to continue, with anticipated considerable rainfall variability across seasons and from year to year. These projected changes include increasing maximum and minimum temperatures, increasing number of hot days, decreasing number of cold nights together with winter rainfall and increasing Autumn and Spring rainfall.

Average fire weather and severe fire weather days are projected to increase in Summer and Spring.

The bush fire season for the Mid Coast BFMC generally runs from July to November, however can extend into December or January with low rainfalls. Strong northwest to southwest winds often prevail within that time of year. Longer bush fire seasons occur when Summer rainfall is lower than normal, with the bush fire season extending through Summer to early Autumn. Serious fires have occurred late in the season under dry summer conditions.

Prevailing weather conditions associated with the bush fire season are characterised by dry north-westerly winds, usually associated with high pressure systems and the passage of cold fronts. Extended periods of low rainfall and the resultant fuel moisture deficiencies, combined with Summer temperatures and hot dry westerly winds form the circumstances for high intensity fires to develop. Although Summer rains generally bring an end to the fire season, short dry spells can create extensive wildfires in the Region as late as April. Generally these fires have proved to be less damaging than those occurring in Spring/early Summer.

The climate projections indicate that there is a likelihood of more frequent and higher intensity bushfires occurring when low seasonal rainfall occurs.

<sup>&</sup>lt;sup>1</sup> Office of Environment &Heritage, "North Coast Climate Change Snapshot"

#### 1.3.3 Population and demographic information

The population of the Mid Coast BFMC area is approximately 169,000 people, Chart 1 drawn from 2016 Census Data indicates the breakdown of population. The major population centres are Gloucester, Forster/Tuncurry, Tea Gardens, Taree, Wingham, Hallidays Point, Old Bar/Manning Point, Harrington/Crowdy Head, Port Macquarie, Wauchope, Lake Cathie, Bonny Hills, Laurieton and Camden Haven area. The remaining population resides on rural properties.

The following issues have been identified within the Mid Coast BFMC area as potentially impacting on the ability of certain sections of the community to prepare themselves for bush fire: High tourism areas, high numbers of property owners travelling out of the area to work, high number of retires, rapid development growth and increasing out of area population growth.

Part of this increasing population consists of people from urban areas relocating to rural areas, this group often comprises people with little previous exposure to bush fire living within bush fire prone areas.

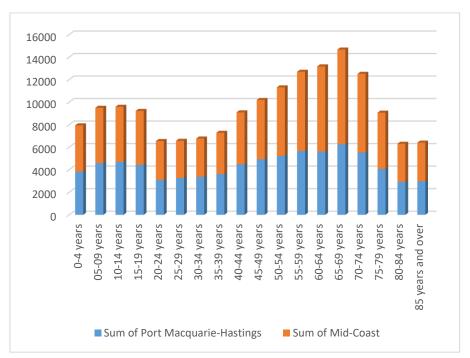


Chart 1 - Census Data 2016.

#### 1.3.4 History of bush fire frequency and ignition cause

The Mid Coast BFMC area has on average 730 bush and grass fires per year, of which 82\*\* on average can be considered to be major fires.

\*\*Analysis of ICON data with following filters – Class 1, 2 & 3 fire, >10Ha, excluding pile burns or HR's.

The main sources of ignition in the Mid Coast BFMC area are:

- Escapes from Legal Burning off
- Incendiarism/arson

- Re ignition of previous wildfire or hazard reduction
- Illegal burning off
- Lightning

Many of the abovementioned fires occur as a result of private 'Hazard Reduction' burns by private land owners, which by act or omission have escaped into forested areas requiring major suppression efforts.

Incendiarism/arson commonly occurs in both grassland and forested areas across the District. Increased visitation is thought to be a contributing factor to increased incidence of incendiarism.

Lightning activity in the District is mainly associated with late spring and summer thunderstorm activity, which is normally (but not always) accompanied by rainfall.

#### Chapter 2. Identifying and Assessing the Bush Fire Risk

#### 2.1 Process

The Australia/New Zealand Standard *AS/NZS 4360: 2004 Risk Management* was used as the basis for the risk assessment process. See Figure 2.1 for the steps involved. For a detailed description of the process undertaken see the Bush Fire Risk Management Planning Guidelines for Bush Fire Management Committees on the RFS website: www.rfs.nsw.gov.au.

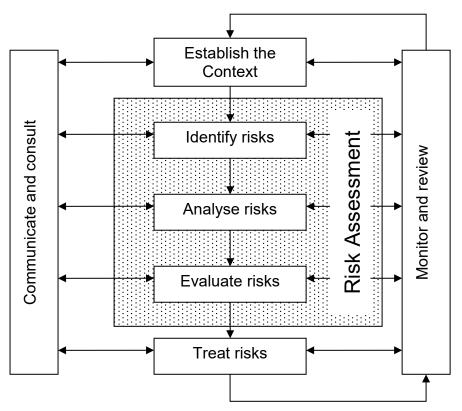


Figure 2.1 Overview of the risk assessment process

#### 2.2 Communication and Consultation

Community participation is an integral part of risk management. The Community Participation Strategy involved developing and implementing a process to address the needs, issues and concerns of stakeholders within the BFMC area in regards to the BFRMP. See Appendix 1 for the Community Participation Strategy used by the Mid Coast BFMC in preparing this BFRMP.

#### 2.3 Identifying the Bush Fire Risk

Identifying the level of bush fire risk firstly involved identifying important community assets considered to be at risk from bush fire in the Mid Coast BFMC area, and then assessing the likelihood and consequence ratings.

#### 2.3.1 Assets

BFMC members and the community, including RFS volunteers, identified assets within the Mid Coast BFMC that they believed were at risk of bush fire.

The assets were divided into four asset types:

#### **Human settlement**

- Residential areas including urban bushland interface areas and rural properties;
- Special Fire Protection areas including schools, hospitals, nursing homes, and tourist facilities; and
- Other human settlement areas including commercial and industrial areas where distinct from major towns.
- Neighbourhood Safer Place (NSP) is defined by the Rural Fires Act 1997 as land or a building designated as a neighbourhood safer place under section 62C. NSPs provide a place of last resort for people during a bush fire. All designated NSP locations for NSW are available at www.rfs.nsw.gov.au.

#### **Economic**

- Agricultural; e.g. major silos, regional saleyards, cropping/grazing land;
- Commercial/industrial e.g. major industries, waste treatment plants, sawmills;
- Infrastructure e.g. large power lines, gas and oil pipelines, railway lines, electricity substations, communication facilities;
- Tourist and recreational e.g. tourist sites and facilities, resorts, retreats;
- Mines:
- Commercial forests e.g. pine plantations, eucalypt plantations and commercial native forests;
   and
- Drinking water catchments.

#### **Environmental**

- Threatened species, populations and ecological communities and Ramsar wetlands;
- Locally important species and ecological communities, such as species and ecological communities especially sensitive to fire.

#### **Cultural**

- Aboriginal significance Aboriginal places and items of significance;
- Non-indigenous heritage places and items arising from the early occupation of NSW by European or other non-indigenous settlers; and
- Other cultural assets community halls, clubs and recreational facilities.

See Appendix 2 for the full list of assets identified in the Mid Coast BFMC area. See maps 1-18 for the location of assets to be treated under this BFRMP

#### 2.3.2 Assessing the Bush Fire Risk - Consequence

Once the assets were identified, the consequence of a bush fire impacting on these assets was assessed.

See Appendix 2 for the consequence ratings assigned to each asset identified in the Mid Coast BFMC area.

The different asset types had different assessment processes used to determine the consequence. These processes are identified below.

#### **Human settlement**

A potential fire behaviour model using vegetation type, slope and separation distance was used to produce a threat rating for human settlement assets. The vulnerability of the asset to a bush fire was also assessed and a rating assigned. These ratings were then used to assess the consequence of a bush fire impacting upon a human settlement asset.

Special Fire Protection (SFP) assets were considered inherently more vulnerable to bush fire due to mobility capacity, knowledge or other issues relating to their inhabitants, (e.g. the elderly, infirm, children or tourists) and therefore stricter requirements for vulnerability assessment and rating were applied. Due to circumstances surrounding NSPs and their use during a bush fire, stricter requirements for vulnerability assessment and rating will also apply to these assets.

#### **Economic**

The level of economic impact e.g. local, regional or state, as well as the economic recovery costs (how long and complicated a financial recovery will be) of the asset were identified. These ratings were used to assess the consequence of a bush fire impacting upon an economic asset.

#### **Environmental**

Environmental assets with known minimum fire threshold were assessed to determine if they were at risk of a bush fire within the 5 year life of the BFRMP using fire history and fire threshold data. Those environmental assets which were within or above the fire threshold were not assessed in the BFRMP, as the negative impact of a fire within the 5 year period was determined as being low and may even be of benefit to the asset and surrounding habitat.

The vulnerability of an environmental asset was determined by its conservation status and its geographic extent (distribution across the landscape). Vulnerability and potential impact of bush fire were used to assess the consequence of a bush fire impacting upon an environmental asset.

#### Cultural

For non-indigenous historical, Aboriginal and other cultural assets a potential fire behaviour model using fuel load, slope and proximity was used to produce a threat rating. The physical vulnerability of the asset to a bush fire was also assessed. These ratings were then used to assess the consequence of a bush fire impacting upon a cultural asset.

#### 2.3.3 Assessing the Bush Fire Risk - Likelihood

For all asset types the likelihood of a bush fire occurring was assessed. This involves considering fire history, including ignition cause and patterns, known fire paths, access, containment potential and potential fire run (size of the vegetated area). See Appendix 2 for the likelihood ratings assigned to each asset identified in the Mid Coast BFMC area.

#### 2.3.4 Identifying the level of risk

The consequence and likelihood ratings were then used to identify the level of risk. See Appendix 2 for the risk ratings assigned to each asset identified in the Mid Coast BFMC area.

#### 2.3.5 Evaluating the Bush Fire Risk

Once the risk ratings for each asset were identified, they were evaluated to:

- a) confirm that risk levels identified in the risk analysis process are appropriate and reflect the relative seriousness of the bush fire risk;
- b) identify which assets require treatments; and
- c) identify treatment priorities.

#### 2.3.6 Prioritising Treatments

No organisation has limitless resources to deal with adverse risk. It is therefore necessary to define priorities. The bush fire risk ratings determined were used to prioritise the risk treatments, i.e. areas of extreme risk were considered first for treatment, then very high, then high then medium then low.

#### 2.3.7 Risk Acceptability

Risks below a certain level were assessed as not requiring treatment within the life of this plan. This is due to a combination of risk priority and capacity to undertake the works.

Within the Mid Coast BFMC area the level of acceptability is high. Areas of medium or low risk are likely to be managed by routine procedures and so do not require a specific application of resources.

The Mid Coast BFMC has accepted that there will be some risk to environmental and aboriginal cultural assets of significance. The Mid Coast BFMC will not be applying specific treatments to these assets as they may not be appropriate or may have the potential to damage the asset.

However, the protection and management of these assets will be taken into account during the planning of treatments for the area. The BFMC wide treatments, in addition to scheduled treatments such as prescribed burning and fire trail maintenance are likely to contribute toward the reduction of risk to these assets.

All NSPs for a BFMC area will require ongoing treatment by the applicable land owner to ensure that the asset remains viable as a place of last resort for people during a bush fire. Therefore, all NSP assets are allocated specific treatments in this Plan, regardless of the level of bush fire risk identified and the risk acceptability nominated by the Mid Coast BFMC.

#### **Chapter 3. Treating the Risk**

#### 3.1 Bush Fire Management Zones

Bush Fire Management Zones were identified within the Mid Coast BFMC area and mapped (see maps 1-18). These zones identify the fire management intent for a specific area. See Table 3.1 for descriptions of the zones and their purposes. The four categories of Bush Fire Management Zones are:

- Asset Protection Zone (APZ);
- Strategic Fire Advantage Zone (SFAZ);
- Land Management Zone (LMZ); and
- Fire Exclusion Zone (FEZ).

Some of these zones (usually Land Management Zones) may be further classified within this category by the land manager, e.g. LMZ -Heritage Management Zone (NPWS).

LMZs that have been identified as a polygon on the map will have defined management objectives. Below is a list of each identified LMZ and its associated management objectives.

Zone	Purpose	Suppression Objective(s)	Zone characteristics		
Asset Protection Zone	To protect human life, property and highly valued public assets and values.	To enable the safe use of <b>Direct Attack</b> suppression strategies within the zone.  To minimise bush fire impacts on undefended assets.	As per RFS document Standards for Asset Protection Zones.		
Strategic Fire Advantage Zone	To provide strategic areas of fire protection advantage which will reduce the speed and intensity of bush fires, and reduce the potential for spot fire development; To aid containment of wildfires to existing management boundaries.	To improve the likelihood and safe use of:  Parallel Attack suppression strategies within the zone. and/or Indirect Attack (back burning) in high to very high fire weather conditions within the zone.  To reduce the likelihood of: Crown fire development within the zone. and/or Spot fire ignition potential from the zone.	Zone width related to suppression objectives and dependent upon:  Topography Aspect Spotting propensity Location of adjacent firebreaks Mosaic pattern of treatment Assess Overall Fuel Hazard (OFH) once vegetation communities reach minimum fire thresholds within this plan.  Management practices should aim to achieve mosaic fuel reduction patterns so that the majority of the SFAZ has an OFH of less than high.		
Land Management Zone	To meet relevant land management objectives in areas where APZs or SFAZs are not appropriate.	As per the land management and fire protection objectives of the responsible land management agency.  To reduce the likelihood of spread of fires.  To undertake mosaic burning	As appropriate to achieve land management e.g. heritage and/or fire protection e.g. broad scale mosaic burning objectives.		
Fire Exclusion Zone	To exclude bush fires.	N/A	Variable dependant on size of fire sensitive area requiring protection.		

Table 3.1 Bush Fire Management Zones: Purpose, objectives and characteristics

NB: OFH refers the Overall Fuel Hazard Guide as described in the document published by (Dept. of Sustainability and Environment 3<sup>rd</sup> ed. 1999 & NPWS version); State-wide procedures for assessment of fuel hazard will be developed in conjunction with the BFCC.

Note: All areas that are not mapped or described as APZs or SFAZs are considered as LMZs.

#### 3.2 BFMC Wide Treatments

BFMC wide treatments are activities which reduce the overall bush fire risk within the BFMC area and are undertaken on an ongoing basis as part of normal business. These treatments are not linked to specific assets in the BFRMP, rather they are applied across all or part of the BFMC area as designated by legislation or agency policy. BFMC wide treatments include the following:

#### Reviewing the bush fire prone land map

These maps identify bush fire prone land and are used to trigger whether a development application is assessed using *Planning for Bush Fire Protection*<sup>2</sup>.

#### Ensuring developments in bush fire prone land comply with Planning for Bush Fire Protection

This assessment process requires new applications for development to include bush fire protection measures.

#### Using the Local Environment Plan/s (LEPs) to control developments in areas with a bush fire risk

LEPs can be used to exclude development in extreme bush fire risk areas or where bush fire protection measures cannot be incorporated.

#### Varying the standard bush fire danger period as required

In years where the weather is particularly adverse the bush fire danger period may be brought in early or extended. This is assessed every year by the BFMC.

#### Requiring permits during the bush fire danger period

In the bush fire danger period a fire safety permit is required to light a fire in the open. Permits specify conditions such as fire fighting equipment that must be on site, or restrict burns based on weather conditions.

#### Prosecution of arsonists/offenders

Under the *Rural Fires Act 1997* persons may be prosecuted for breaching the conditions on a fire permit, lighting a fire during a Total Fire Ban, allowing fire to escape their property, or other breaches of the Act.

#### Investigation of bush fire cause

All bush fires which do not have a known cause are investigated to identify how they started.

#### Normal fire suppression activities

Responding to bush fire is a normal business activity for the fire fighting authorities.

#### Assessing and managing compliance with strategic fire fighting resource allocation provisions

<sup>&</sup>lt;sup>2</sup> NSW Rural Fire Service 2006 *Planning for Bush Fire Protection: A guide for councils, planners, fire authorities and developers.* 

Strategic fire fighting resource allocation provisions is the process used to identify the number of stations, brigades and appliances required in an area, and considers members, training, assets and hazards.

#### Preparation of a S52 Operations Coordination Plan

The Operations Coordination Plan is prepared biannually and sets out how coordinated fire fighting will occur. It includes specific operational restrictions on fire fighting techniques in certain areas, where fires will be managed from, and how agencies involved can communicate during operations.

#### • Fire Management Plans or Plans of Management

Some land management agencies have developed fire management plans or plans of management with specific fire or fuel management strategies, for example a Forests NSW Regional Fuel Management Risk Plan, a NPWS Fire Management Strategy. These publicly exhibited plans form the basis for operational fire planning on public parks, reserves and forests.

#### • Bush Fire Hazard Complaints

If someone is concerned about possible bush fire hazards on a neighbouring property or any other land, then this can be reported to the RFS Commissioner or their local RFS Fire Control Centre. The complaint will be investigated and may result in a notice being issued to the landowner or manager to reduce the hazard.

#### 3.3 Asset Specific Treatments

There are five broad strategy groups available to treat the bush fire risk to assets identified in the BFRMP.

The types of asset specific treatments in each strategy group used in the Mid Coast BFMC area are listed below. A full list of the treatment strategies in the Mid Coast BFMC area are in Appendix 3.

Strategy	Targeted treatments used in the Mid Coast BFMC area
Ignition Management	Restrict access where necessary and undertake broad area surveillance.
Hazard Reduction	Inspect and maintain all identified APZ/SFAZs and treat as required.
Community Education	Provide guidance and information to the community and attend relevant community activities/meetings.
Property Planning	Develop/ implement Community Protection Plans (CPP)
Preparedness	Inspect and maintain fire trial network as required.

Table 3.2 Asset specific treatments used in the Mid Coast BFMC area

#### 3.4 Fire Thresholds

The vegetation in the Mid Coast BFMC area was classified into fire threshold categories (Table  $3.3^*$ ).

Vegetation formation	Minimum SFAZ Threshold	Minimum LMZ Threshold	Maximum Threshold	Notes
Rainforest	NA	NA	NA	Fire should be avoided.
Alpine complex	NA	NA	NA	Fire should be avoided.
Wet Sclerophyll forest (shrubby sub formation)	25	30	60	Crown fires should be avoided in the lower end of the interval range.
Wet Sclerophyll forest (grassy sub formation)	10	15	50	Crown fires should be avoided in the lower end of the interval range.
Grassy woodland	5	8	40	Minimum interval of 10 years should apply in the southern Tablelands area. Occasional intervals greater than 15 years may be desirable.
Grassland	2	3	10	Occasional intervals greater than 7 years should be included in coastal areas. There was insufficient data to give a maximum interval; available evidence indicates maximum intervals should be approximately 10 years.
Dry sclerophyll forest (shrub/grass sub formation)	5	8	50	Occasional intervals greater than 25 years may be desirable.
Dry sclerophyll forest (shrub sub formation)	7	10	30	Occasional intervals greater than 25 years may be desirable.
Heathlands	7	10	30	Occasional intervals greater than 20 years may be desirable.
Freshwater wetlands	6	10	35	Occasional intervals greater than 30 years may be desirable.
Forested wetlands	7	10	35	Some intervals greater than 20 years may be desirable.
Saline wetlands	NA	NA	NA	Fire should be avoided.
Semi-arid woodlands (grassy sub formation)	6	9	No max	Not enough data for a maximum fire interval.
Semi-arid woodlands (shrubby sub formation)	10	15	No Max	Not enough data for a maximum fire interval.
Arid shrublands (chenopod sub formation	NA	NA	NA	Fire should be avoided.
Arid shrublands (acacia sub formation)	10	15	No Max	Not enough data for a maximum fire interval.

**Table 3.3 Fire Thresholds for Vegetation Categories** 

#### 3.5 Annual Works Programs

The land management agencies and fire fighting authorities responsible for implementing the treatments identified in this plan will include those treatments in their annual works programs detailing how, when, and where the required activities will be undertaken.

#### 3.6 Implementation

When the treatments identified in this BFRMP are implemented there are a number of issues that need to be considered by the responsible agency including environmental assessments and approvals, smoke management and prescribed burn plans.

#### **Chapter 4. Performance Monitoring and Reviewing**

#### 4.1 Review

This BFRMP must be reviewed and updated within each successive five-year period from the constitution of the BFMC. The Mid Coast BFMC will also review this plan as necessary to account for any changes in context or risk. This may be triggered by a range of circumstances, including but not limited to:

- changes to the BFMC area, organisational responsibilities or legislation;
- changes to the bush fire risk in the area; or
- following a major fire event.

#### 4.2 Monitoring

The BFMC is required to monitor progress towards the completion of treatment works listed in the BFRMP, and the timeliness of the works.

#### 4.3 Reporting

The BFMC is required to report annually to the BFCC on its progress in implementing the bush fire risk management activities identified in this plan.

#### 4.4 Performance Measurements

State wide performance measurements which are linked to the BFRMP have been identified by the BFCC. All BFMCs must use these to monitor and report on their success in reducing the bush fire risk in their BFMC area.

### **Appendices**

### **Appendix 1 Community Participation Strategy**

Date	Target Audience	Method of communication	Method of notification	Key messages/ purpose	Resources required	Responsibility
16 March 2016	RFS Brigade Officers Meeting South	Pre-Planned meeting; presentation at Meeting	RFS correspondence	Introduce BFRMPs     Community issues     Community responsibilities	<ul><li>Powerpoint presentation</li><li>BFRMP Support Officer</li><li>Maps</li></ul>	RFS
21 March 2016	RFS Community Engagement Committee South	Pre-Planned meeting; presentation at Meeting	RFS correspondence	Introduce BFRMPs     Community issues     Community responsibilities	<ul><li>Powerpoint presentation</li><li>BFRMP Support Officer</li><li>Maps</li></ul>	RFS
23 March 2016	RFS Brigade Officers Meeting north	Pre-Planned meeting; presentation at Meeting	RFS correspondence	Introduce BFRMPs     Community issues     Community responsibilities	<ul><li>Powerpoint presentation</li><li>BFRMP Support Officer</li><li>Maps</li></ul>	RFS
28 March 2016	RFS Community Engagement Committee North	Pre-Planned meeting; presentation at Meeting	RFS correspondence	Introduce BFRMPs     Community issues     Community responsibilities	<ul><li>Powerpoint presentation</li><li>BFRMP Support Officer</li><li>Maps</li></ul>	RFS
5 April 2016	Greater Taree Council	Planned meeting	RFS correspondence	Introduce BFRMPs     Community issues     Community responsibilities	BFRMP Support Officer     Maps	RFS
6 April 2016	Senior Volunteer – Group Officer	Planned meeting	RFS correspondence	Introduce BFRMPs     Community issues     Council issues	BFRMP Support Officer     Maps	RFS
Ongoing	General Public	PMHC Internet sites	N/A	Maintain community participation     Record & consider issues & comments     Provide feedback	N/A	LGA

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Ongoing	General Public	MCC Internet sites	N/A	Maintain community participation     Record & consider issues & comments     Provide feedback	N/A	LGA
20 June 2016	BFMC	Presentation	RFS correspondence	• Briefing on Progress of Risk Register • Laptop • Projector		RFS Lands FCNSW LGA NPWS
24 August 2016	BFMC	Presentation	RFS correspondence	Briefing on Progress of Risk Register	Laptop     Projector	RFS Lands FCNSW LGA NPWS
24 September 2016	Pappinbarra /Hollisdale Community	Planned meeting	RFS correspondence	Introduce BFRMPs     Community issues     Council issues	BFRMP Support Officer     Maps	RFS Staff & Volunteers
30 November 2016	BFMC	Presentation	RFS correspondence	Briefing on Progress of Risk Register     Workgroups	Laptop     Projector	RFS Lands FCNSW LGA NPWS
1 April 2017	Beechwood Community	Planned meeting	RFS correspondence	<ul><li>Introduce BFRMPs</li><li>Community issues</li><li>Council issues</li><li>Maps</li></ul>		RFS Staff & Volunteers
26 July 2017	Forster LALC	Meeting / Workshop / Presentation	RFS correspondence	<ul> <li>Introduce BFRMPs</li> <li>Community issues</li> <li>Council issues</li> <li>BFRMP Support Officer</li> <li>Maps</li> </ul>		RFS
12 August 2017	Pappinbarra /Hollisdale Community	Planned meeting	RFS correspondence	Introduce BFRMPs     Community issues     Council issues	BFRMP Support Officer     Maps	RFS Staff & Volunteers

Various – October 2017 – January 2018	Private Landowners, Land Managers	Workshops	Direct Contact	Introduce BFRMPs     Community issues     Identify assets     discuss treatment options     community responsibilities	Draft BFRMP     Ops Plan     BFRMP Guidelines     BFCC Policy     1/2008     Maps	RFS Lands FCNSW LGA NPWS
13 February 2018	BFMC	Presentation RFS correspondence • Briefing on Progress of Risk Register • Laptop • Projector				RFS Lands FCNSW LGA NPWS
13 March 2018	BFMC	Presentation	RFS correspondence	Briefing on Progress of Risk Register     Endorsement of the Risk Management Plain to go to Public Exhibition	Laptop     Projector	RFS Lands FCNSW LGA NPWS
19 March to 30 April 2018	General Public	Static Display at RFS Office, Council Offices & Council Web site	Media Release in local papers	· Public Exhibition	<ul><li>Draft BFRMP</li><li>Ops Plan</li><li>BFRMP Guidelines</li><li>BFCC Policy</li><li>1/2008</li><li>Maps</li></ul>	RFS LGA

### **Appendix 2 Asset Register**

Map ref#	Asset type	Asset sub type	Asset name	Display area	Likelihood	Consequence	Risk	Priority	Treatment number
7	Human Settlement	Residential	Bulga Rd/Padmans Rd intersection	Bulga	Likely	Catastrophic	Extreme	1B	69
19	Human Settlement	Residential	Kiwarrak Rural Residential Estate	Khappinghat	Likely	Catastrophic	Extreme	1B	72; 74; 76; 56; 84; 52; 57; 77; 69
20	Human Settlement	Special Fire Protection	Mitchells Island Public School	Khappinghat	Likely	Catastrophic	Extreme	1B	59; 61; 68; 63; 57
37	Human Settlement	Special Fire Protection	St Joseph's Primary School	Coast	Likely	Catastrophic	Extreme	1B	85; 69; 81; 82; 86
1	Human Settlement	Special Fire Protection	North Haven Public School	Coast	Likely	Catastrophic	Extreme	1B	85; 78; 82; 52; 57; 59; 61; 63; 80; 68; 51; 60
18	Human Settlement	Special Fire Protection	Herons Creek Public School	Wauchope	Likely	Catastrophic	Extreme	1B	68; 72; 73; 74; 76
4	Human Settlement	Residential	Corella Estate	North	Likely	Catastrophic	Extreme	1B	51; 64; 69; 52; 58; 59; 60; 61; 62
2	Human Settlement	Residential	Smiths Lake	PacificPalms	Likely	Catastrophic	Extreme	1B	51; 69; 55; 70; 94; 95; 96; 97; 98; 99; 100; 101; 102; 103; 104; 105; 106; 107; 108; 109; 110; 111; 112; 113; 114; 115; 116; 117; 118; 119; 120; 121; 122; 123; 124; 125; 126; 127; 128
12	Human Settlement	Special Fire Protection	Bungwahl Public School	PacificPalms	Likely	Catastrophic	Extreme	1B	68; 59; 63; 61
16	Human Settlement	Special Fire Protection	Tuncurry High School	Nabiac	Likely	Catastrophic	Extreme	1B	60; 51; 68; 71; 87
5	Human Settlement	Residential	Pacific Palms Villages	PacificPalms	Likely	Catastrophic	Extreme	1B	70; 69; 63; 51
6	Human Settlement	Residential	Seal Rocks	PacificPalms	Likely	Catastrophic	Extreme	1B	69; 52; 70; 63
8	Human Settlement	Residential	Pindimar North/South	PacificPalms	Likely	Catastrophic	Extreme	1B	84; 70; 69; 66; 62; 50; 167; 168; 169; 170; 171; 172; 173; 174; 175; 176; 177; 178; 179; 180; 181; 125; 182; 145; 131
9	Human Settlement	Residential	Bundabah	PacificPalms	Likely	Catastrophic	Extreme	1B	50; 62; 66; 69; 84; 70; 94; 129; 130; 131; 132; 133; 134; 135; 136; 137; 138; 139; 140; 141; 142; 143; 144; 145
10	Human Settlement	Residential	North Arm Cove	NorthArmCove	Likely	Catastrophic	Extreme	1B	62; 69; 84; 70; 146; 147; 148; 149; 150; 151; 152; 153; 154; 155; 156; 157; 158; 159; 160; 161; 162; 163; 164; 165; 166
11	Human Settlement	Special Fire Protection	Tahlee	NorthArmCove	Likely	Catastrophic	Extreme	1B	56; 71; 59

17	Human Settlement	Special Fire Protection	University Smiths Lake Field Station	PacificPalms	Likely	Catastrophic	Extreme	1B	68; 57; 59; 63; 61
34	Human Settlement	Other	Ellenborough Hall	West	Likely	Catastrophic	Extreme	1B	65
35	Human Settlement	Other	Telegraph Point School of Arts Hall	North	Likely	Catastrophic	Extreme	1B	65
21	Human Settlement	Other	Pappinbarra Community Hall	West	Likely	Catastrophic	Extreme	1B	65
22	Human Settlement	Special Fire Protection	WESTPORT HIGH SCHOOL	Port Macquarie	Likely	Catastrophic	Extreme	1B	80; 83; 81
13	Human Settlement	Special Fire Protection	HASTINGS PUBLIC SCHOOL	Port Macquarie	Likely	Catastrophic	Extreme	1B	80; 83; 88; 81
14	Human Settlement	Special Fire Protection	PORT MACQUARIE ADVENTIST SCHOOL	Port Macquarie	Likely	Catastrophic	Extreme	1B	81; 82; 85
23	Human Settlement	Special Fire Protection	HUNTINGDON PUBLIC SCHOOL	Wauchope	Likely	Catastrophic	Extreme	1B	68; 57; 59; 63; 61
24	Human Settlement	Special Fire Protection	Lake Cathie Children's Cottage	Coast	Likely	Catastrophic	Extreme	1B	68; 57; 59; 89; 90
25	Human Settlement	Special Fire Protection	MANNING ADVENTIST SCHOOL	Krambach	Likely	Catastrophic	Extreme	1B	68; 72; 73; 74; 75; 76; 62
26	Human Settlement	Special Fire Protection	Goodstart Early Learning Taree	Lansdowne	Likely	Catastrophic	Extreme	1B	91; 92; 81
15	Human Settlement	Special Fire Protection	Snugglepot Day Care Centre	Lansdowne	Likely	Catastrophic	Extreme	1B	92; 81; 53
27	Human Settlement	Special Fire Protection	HALLIDAYS POINT PUBLIC SCHOOL	Khappinghat	Likely	Catastrophic	Extreme	1B	71; 68
28	Human Settlement	Special Fire Protection	Flying Fox Mobile Pre School	Krambach	Likely	Catastrophic	Extreme	1B	68
29	Human Settlement	Special Fire Protection	ELANDS PUBLIC SCHOOL	Bulga	Likely	Catastrophic	Extreme	1B	68
30	Human Settlement	Special Fire Protection	ALMA PLACE AGED CARE FACILITY	Lansdowne	Likely	Catastrophic	Extreme	1B	68; 55; 60; 64
31	Human Settlement	Special Fire Protection	Bellevue Gardens Retirement Village	Port Macquarie	Likely	Catastrophic	Extreme	1B	81
32	Human Settlement	Special Fire Protection	Port Macquarie Private Hospital	Port Macquarie	Likely	Catastrophic	Extreme	1B	81
36	Human Settlement	Residential	Nabiac Village East	Krambach	Likely	Catastrophic	Extreme	1B	51; 68; 56
33	Human Settlement	Residential	Timbertown Residential Village	Wauchope	Likely	Catastrophic	Extreme	1B	72; 74; 76; 56; 69; 79
38	Human Settlement	Special Fire Protection	Seashell Child Care Centre	PacificPalms	Likely	Catastrophic	Extreme	1B	51; 55; 69; 70
39	Human Settlement	Special Fire Protection	Westport Primary School	Port Macquarie	Likely	Catastrophic	Extreme	1B	80
40	Human Settlement	Special Fire Protection	Parklands Retirement Village	Port Macquarie	Likely	Catastrophic	Extreme	1B	81; 82; 54
41	Human Settlement	Special Fire Protection	Hastings Pre-School and Day Care Centre	Port Macquarie	Likely	Catastrophic	Extreme	1B	82; 81; 83
42	Human Settlement	Other	BILLABONG KOALA AND WILDLIFE PARK	Wauchope	Likely	Catastrophic	Extreme	1B	67
43	Human Settlement	Special Fire Protection	HACC Centre Greenmeadows Drive	Port Macquarie	Likely	Catastrophic	Extreme	1B	83; 82; 85; 86; 57; 61; 63
3	Economic	Infrastructure	Berrico Radio Towers	Gloucester River	Likely	Catastrophic	Extreme	1B	93; 74; 76; 72
44	Human Settlement	Residential	Harrington	Crowdy Bay	Almost certain	Major	Extreme	1C	69; 70; 56; 52; 59; 61; 63; 62
53	Human Settlement	Residential	North Haven	Coast	Almost certain	Major	Extreme	1C	61; 51; 52; 64; 59; 184; 60; 69; 190
57	Human Settlement	Residential	Wauchope	Wauchope	Almost certain	Major	Extreme	1C	69; 192; 72; 74; 76; 187

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64	Human Settlement	Residential	Red Hill	North	Almost certain	Major	Extreme	1C	69
0	Human Settlement	Residential	Remote Rural Residential - Tuncurry	Nabiac	Almost certain	Major	Extreme	1C	61; 63; 69; 52; 56; 59; 70
45	Human Settlement	Residential	Remote Rural Residential - Hollisdale	West	Almost certain	Major	Extreme	1C	72; 74; 76; 69
80	Economic	Commercial Forest	Kiwarrak State Forest - Plantations	Khappinghat; Krambach	Almost certain	Major	Extreme	1C	72; 73; 74; 76
77	Economic	Commercial Forest	Johns River State Forest - Plantations	Crowdy Bay	Almost certain	Major	Extreme	1C	72; 73; 74; 76
79	Economic	Commercial Forest	Lansdowne/Coopernook State Forests- Plantations	Lansdowne	Almost certain	Major	Extreme	1C	72; 73; 74; 76
82	Economic	Commercial Forest	Dingo State Forest - Plantations	Bulga; Rowleys River	Almost certain	Major	Extreme	1C	72; 73; 74; 76
76	Economic	Infrastructure	Communication Tower - Breakneck	Krambach	Almost certain	Major	Extreme	1C	194; 195; 196; 197; 198; 199; 200; 201
69	Economic	Commercial Forest	Cowarra State Forest - Plantations	Coast; Wauchope	Almost certain	Major	Extreme	1C	73; 74; 76; 72
70	Economic	Commercial Forest	Burrawan SF - Plantations	Coast; Wauchope	Almost certain	Major	Extreme	1C	72; 73; 76; 74
72	Economic	Commercial Forest	Kew State Forest - Plantations	Wauchope	Almost certain	Major	Extreme	1C	72; 73; 74; 76
63	Economic	Commercial Forest	Queens Lake SF - Plantations	Coast	Almost certain	Major	Extreme	1C	72; 73; 74; 76
65	Economic	Commercial Forest	Lorne State Forest - Plantations	Wauchope	Almost certain	Major	Extreme	1C	72; 73; 74; 76
66	Economic	Commercial Forest	Bulls Ground State Forest - Plantations	Wauchope	Almost certain	Major	Extreme	1C	72; 73; 74; 76
62	Economic	Commercial Forest	Cairncross State Forest	North; Wauchope; West	Almost certain	Major	Extreme	1C	72; 73; 74; 76
71	Economic	Commercial Forest	Ballengarra SF - Plantations	North	Almost certain	Major	Extreme	1C	72; 73; 74; 76
67	Economic	Commercial Forest	Bril Bril State Forest - Plantation	North; West	Almost certain	Major	Extreme	1C	72; 73; 74; 76
68	Economic	Commercial Forest	Pappinbarra State Forest - Plantations	West	Almost certain	Major	Extreme	1C	76; 72; 73; 74
60	Economic	Infrastructure	Cairncross Communication Tower	North	Almost certain	Major	Extreme	1C	186; 202; 203; 194; 195; 196; 197
48	Economic	Infrastructure	Jolly Nose Communication Tower	Coast	Almost certain	Major	Extreme	1C	194; 195; 196; 197; 198; 199; 200; 201
59	Economic	Commercial Forest	Coombes Plantation	West	Almost certain	Major	Extreme	1C	187; 72; 73; 74; 76
49	Economic	Commercial	Herons Creek Timber Mill	Wauchope	Almost certain	Major	Extreme	1C	194; 196; 195; 197; 204
47	Economic	Infrastructure	Cabbage Tree Communications Towers	Bunyah	Almost certain	Major	Extreme	1C	52; 195; 196; 197; 198; 200; 201
61	Economic	Infrastructure	Mount Chapman Communications Tower	PacificPalms	Almost certain	Major	Extreme	1C	52; 198; 199; 200; 201; 194; 195; 196; 197
58	Economic	Infrastructure	Mount Myra Radio Tower	Curricabark	Almost certain	Major	Extreme	1C	198; 200; 201
0	Economic	Infrastructure	Main North Rail Corridor		Almost certain	Major	Extreme	1C	183
51	Economic	Infrastructure	Mount Marie Communications Tower	Rowleys River	Almost certain	Major	Extreme	1C	196; 195; 197; 198; 200; 201
73	Economic	Infrastructure	Vincents Lookout Communications Tower	Lansdowne	Almost certain	Major	Extreme	1C	194; 195; 196; 197; 198; 199; 200; 201

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78	Economic	Commercial Forest	Broken Bago SF - Plantations	Wauchope	Almost certain	Major	Extreme	1C	76; 72; 73; 74
50	Environment	Endangered	Littoral Rainforest	Crowdy Bay	Almost certain	Major	Extreme	1C	77; 189
81	Environment	Endangered	Littoral Rainforest	Coast	Almost certain	Major	Extreme	1C	188
52	Environment	Endangered	North Shore - Littoral Rainforest	North	Almost certain	Major	Extreme	1C	51; 62; 188
56	Environment	Endangered	Littoral Rainforest	Port Macquarie	Almost certain	Major	Extreme	1C	190
75	Environment	Endangered	Littoral Rainforest	Port Macquarie	Almost certain	Major	Extreme	1C	190
54	Environment	Vulnerable	Koala Populations	North	Almost certain	Major	Extreme	1C	191; 185; 63; 61; 72; 74; 76; 78
55	Environment	Vulnerable	Koala Populations	Port Macquarie	Almost certain	Major	Extreme	1C	185; 63; 189
74	Environment	Vulnerable	Koala Populations	North	Almost certain	Major	Extreme	1C	185; 186; 63; 64; 189; 61
46	Cultural	Non Indigenous	Lea Hurst Historic Structures	Curricabark	Almost certain	Major	Extreme	1C	198; 200; 201; 196; 195; 197; 193
113	Human Settlement	Residential	Johns River East	Crowdy Bay	Likely	Major	Very High	2A	229; 230; 232; 228; 235; 208
114	Human Settlement	Residential	Elands village	Bulga	Likely	Major	Very High	2A	208
0	Human Settlement	Residential	Remote Rural Residential - Bulga	Bulga	Likely	Major	Very High	2A	208
178	Human Settlement	Residential	Manning Point village	Khappinghat	Likely	Major	Very High	2A	208
179	Human Settlement	Residential	Wallabi Point village	Khappinghat	Likely	Major	Very High	2A	226; 71; 238; 252; 214; 239; 229; 232; 230; 219; 228; 208
180	Human Settlement	Residential	Diamond Beach village and rural residential area	Khappinghat	Likely	Major	Very High	2A	208; 238; 214; 239; 252
181	Human Settlement	Residential	Redhead/Blackhead villages	Khappinghat	Likely	Major	Very High	2A	208
182	Human Settlement	Residential	Pampoolah and Koorainghat Estates	Khappinghat	Likely	Major	Very High	2A	216; 229; 232; 212; 247; 214; 221; 238; 208
210	Human Settlement	Special Fire Protection	Krambach Public School	Krambach	Likely	Major	Very High	2A	208
211	Human Settlement	Special Fire Protection	Hannam Vale Public School	Lansdowne	Likely	Major	Very High	2A	228; 229; 232; 230; 208
212	Human Settlement	Special Fire Protection	Upper Lansdowne Public School	Lansdowne	Likely	Major	Very High	2A	208
213	Human Settlement	Special Fire Protection	Wingham Public School	Bulga	Likely	Major	Very High	2A	246
214	Human Settlement	Special Fire Protection	Nulama Retirement Village	Lansdowne	Likely	Major	Very High	2A	246; 234; 251
215	Human Settlement	Special Fire Protection	Emmaus Nursing Home	Port Macquarie	Likely	Major	Very High	2A	222; 250; 239; 238; 214; 252
96	Human Settlement	Residential	Camden Head	Coast	Likely	Major	Very High	2A	214; 224; 205; 246
173	Human Settlement	Residential	Laurieton	Coast	Likely	Major	Very High	2A	208; 246; 249; 235; 254; 215; 238; 257; 224; 252; 214; 239
174	Human Settlement	Residential	Lakewood	Coast	Likely	Major	Very High	2A	220; 250; 236; 207; 222; 242; 255; 238; 252; 214; 239

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98	Human Settlement	Residential	Bonny Hills	Coast	Likely	Major	Very High	2A	213; 220; 236; 208; 238; 243
99	Human Settlement	Residential	Dicks Hill	Coast	Likely	Major	Very High	2A	246; 208; 220; 222; 207
100	Human Settlement	Residential	Lake Cathie	Coast	Likely	Major	Very High	2A	215; 60; 235; 220; 214; 224; 238
221	Human Settlement	Residential	Kew	Wauchope	Likely	Major	Very High	2A	208
229	Human Settlement	Special Fire Protection	Kendall Public School	Wauchope	Likely	Major	Very High	2A	228; 229; 230; 232; 208
94	Human Settlement	Residential	North Shore	North	Likely	Major	Very High	2A	235; 248; 220; 236; 221; 208
103	Human Settlement	Residential	Brotherglen	Coast	Likely	Major	Very High	2A	224; 238; 208; 236; 220; 214
147	Human Settlement	Residential	Port Macquarie South	Port Macquarie	Likely	Major	Very High	2A	224; 208; 214; 220; 236; 238
272	Human Settlement	Other	Johns River Community Hall and Rec Reserve	Crowdy Bay	Likely	Major	Very High	2A	235; 208
107	Human Settlement	Special Fire Protection	Green Meadows Retirement Village	Port Macquarie	Likely	Major	Very High	2A	222; 250; 239
176	Human Settlement	Other	Bonny Hills Community Hall	Coast	Likely	Major	Very High	2A	225
232	Human Settlement	Other	Camden Haven Community Health Centre	Coast	Likely	Major	Very High	2A	237
205	Human Settlement	Other	NSW Ambulance Service - Laurieton	Coast	Likely	Major	Very High	2A	237
109	Human Settlement	Other	North Haven Surf Club	Coast	Likely	Major	Very High	2A	225
233	Human Settlement	Other	Pembrooke Hall	North	Likely	Major	Very High	2A	225
177	Human Settlement	Other	Flynns Beach Surf Life Saving Club	Port Macquarie	Likely	Major	Very High	2A	225
234	Human Settlement	Other	Crematorium	Port Macquarie	Likely	Major	Very High	2A	220; 236
207	Human Settlement	Residential	Isolated Rural Properties Lake Cathie-Bonny Hill	Coast	Likely	Major	Very High	2A	208; 214; 216; 229; 238; 232
206	Human Settlement	Residential	Isolated Rural Properties Bobs Creek	Coast	Likely	Major	Very High	2A	208; 214; 216; 229; 238; 232
208	Human Settlement	Residential	Isolated Rural Properties Lake Innes / Thrumster	Port Macquarie	Likely	Major	Very High	2A	208; 220; 242
88	Human Settlement	Residential	Tuncurry	Nabiac	Likely	Major	Very High	2A	249; 246; 205; 215; 235; 206; 234; 226
89	Human Settlement	Residential	Green Point Village	Nabiac	Likely	Major	Very High	2A	208; 247; 214
93	Human Settlement	Residential	Tarbuck Bay	PacificPalms	Likely	Major	Very High	2A	247; 208
0	Human Settlement	Residential	Remote Rural Residential - Pacific Palms	PacificPalms	Likely	Major	Very High	2A	235; 249; 206; 234; 226; 215; 214; 238
95	Human Settlement	Residential	Nabiac Township	Nabiac	Likely	Major	Very High	2A	208; 235; 245
197	Human Settlement	Special Fire Protection	Forster High School	Nabiac	Likely	Major	Very High	2A	251; 253; 246
0	Human Settlement	Residential	Remote Rural Residential - Nabiac Brigade	Nabiac	Likely	Major	Very High	2A	214; 208; 232; 216

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0	Human Settlement	Residential	Remote Rural Residential - Bungwahl	PacificPalms	Likely	Major	Very High	2A	216; 214; 208; 232
171	Human Settlement	Residential	Bulahdelah	PacificPalms	Likely	Major	Very High	2A	208; 214; 216; 229; 235; 238; 245; 232
97	Human Settlement	Residential	Nerong Village	PacificPalms	Likely	Major	Very High	2A	239; 238; 208; 214; 224; 245
0	Human Settlement	Residential	Remote Rural Residential - Bulahdelah/Nerong	PacificPalms	Likely	Major	Very High	2A	208; 224; 238; 232; 214; 216
101	Human Settlement	Residential	Tea Gardens/Hawks Nest/Shearwater	PacificPalms	Likely	Major	Very High	2A	246; 211; 235; 215; 245; 208; 259; 260; 261; 262; 263; 264; 265; 266; 267; 268; 269; 270; 271; 272; 273; 274; 275; 276; 277; 278; 279; 280; 281; 282; 283; 123; 284
172	Human Settlement	Residential	North Karuah	NorthArmCove	Likely	Major	Very High	2A	208; 214; 235; 238; 245
0	Human Settlement	Residential	Remote Rural Residential -Tea Gardens/Pindimar	NorthArmCove	Likely	Major	Very High	2A	214; 224; 239; 215; 235; 245; 208; 211
0	Human Settlement	Residential	Remote Rural Residential - North Arm Cove, Tea Gardens	PacificPalms	Likely	Major	Very High	2A	208; 231; 238
0	Human Settlement	Residential	Remote Rural Residential - Limeburners Creek	NorthArmCove	Likely	Major	Very High	2A	235; 245; 239; 214; 224; 208
102	Human Settlement	Residential	Allworth Village	NorthArmCove	Likely	Major	Very High	2A	208; 245; 235; 221
0	Human Settlement	Residential	Remote Rural Residential - Girvan	NorthArmCove	Likely	Major	Very High	2A	230; 232; 224; 235; 245; 239; 208; 214
0	Human Settlement	Residential	Remote Rural Residential - Stroud	Bunyah	Likely	Major	Very High	2A	230; 232; 245; 208; 235
105	Human Settlement	Residential	Carrington Village	NorthArmCove	Likely	Major	Very High	2A	235; 236; 208
0	Human Settlement	Residential	Remote Rural Residential - Coolongolook	Nabiac	Likely	Major	Very High	2A	243; 216; 232; 236; 214; 208
0	Human Settlement	Residential	Remote Rural Residential - Wootton	Nabiac	Likely	Major	Very High	2A	214; 216; 232; 236; 208; 243
199	Human Settlement	Residential	Coomba	Nabiac	Likely	Major	Very High	2A	214; 243; 208
0	Human Settlement	Residential	Remote Rural Residential - Coomba Park	Nabiac	Likely	Major	Very High	2A	236; 243; 214; 208
0	Human Settlement	Residential	Remote Rural Residential - Wallis Island	Nabiac	Likely	Major	Very High	2A	243; 208; 214
0	Human Settlement	Residential	Remote Rural Residential - Timbered Areas Booral	NorthArmCove	Likely	Major	Very High	2A	236; 214; 243; 208; 235
200	Human Settlement	Special Fire Protection	Stroud Public School	Bunyah	Likely	Major	Very High	2A	208
175	Human Settlement	Other	Neighbourhood Safer Place - Bulahdelah Showground	PacificPalms	Likely	Major	Very High	2A	217
167	Human Settlement	Other	Neighbourhood Safer Place - North Arm Cove Community Hall	NorthArmCove	Likely	Major	Very High	2A	217

217	Human Settlement	Other	Neighbourhood Safer Place - Bundook RFS Station	Waukivory	Likely	Major	Very High	2A	217
218	Human Settlement	Other	Neighbourhood Safer Place - Barrington Community Hall	Gloucester River	Likely	Major	Very High	2A	217
219	Human Settlement	Other	Neighbourhood Safer Place - Stratford School	Waukivory	Likely	Major	Very High	2A	217
209	Human Settlement	Residential	Remote Rural Properties Kew/Lakewood/Dunbogan	Coast	Likely	Major	Very High	2A	208; 235; 206; 236
121	Human Settlement	Other	Neighbourhood Safer Place - Vince Inman Fields	Coast	Likely	Major	Very High	2A	75
122	Human Settlement	Other	Neighbourhood Safer Place - Log Wharf Reserve	North	Likely	Major	Very High	2A	75
123	Human Settlement	Other	Neighbourhood Safer Place - Hibbard Ferry	North	Likely	Major	Very High	2A	75
124	Human Settlement	Other	Neighbourhood Safer Place - Shoreline Reserve	North	Likely	Major	Very High	2A	75
125	Human Settlement	Other	Neighbourhood Safer Place - Settlement City Shopping Centre	Port Macquarie	Likely	Major	Very High	2A	75
126	Human Settlement	Other	Neighbourhood Safer Place - Port Macquarie Racecourse	Port Macquarie	Likely	Major	Very High	2A	75
127	Human Settlement	Other	Neighbourhood Safer Place - Highway Service Centre	Port Macquarie	Likely	Major	Very High	2A	75
128	Human Settlement	Other	Neighbourhood Safer Place - Andrews Park	Wauchope	Likely	Major	Very High	2A	75
129	Human Settlement	Other	Neighbourhood Safer Place - Tacking Point Primary School	Port Macquarie	Likely	Major	Very High	2A	75
130	Human Settlement	Other	Neighbourhood Safer Place - Comboyne Showground	West	Likely	Major	Very High	2A	75
131	Human Settlement	Other	Neighbourhood Safer Place - Kendall Showground	West	Likely	Major	Very High	2A	75
132	Human Settlement	Other	Neighbourhood Safer Place - Aqua Reserve	Coast	Likely	Major	Very High	2A	75
133	Human Settlement	Other	Neighbourhood Safer Place - Lake Cathie Tennis Courts	Coast	Likely	Major	Very High	2A	75
220	Human Settlement	Other	Neighbourhood Safer Place - Laurie Property	Gloucester River	Likely	Major	Very High	2A	217
134	Human Settlement	Other	Neighbourhood Safer Place - Foreshore Reserve	Coast	Likely	Major	Very High	2A	75
135	Human Settlement	Other	Neighbourhood Safer Place - Ostler Reserve	Coast	Likely	Major	Very High	2A	75
136	Human Settlement	Other	Neighbourhood Safer Place - Muir Park and Crowdy Head Boat Harbour	Crowdy Bay	Likely	Major	Very High	2A	217
137	Human Settlement	Other	Neighbourhood Safer Place - Harrington Bowling Club	Crowdy Bay	Likely	Major	Very High	2A	217

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138	Human Settlement	Other	Neighbourhood Safer Place - Harrigan's Irish Pub and River Lodge	Crowdy Bay	Likely	Major	Very High	2A	217
139	Human Settlement	Other	Neighbourhood Safer Place - Manning Point Reserve	Khappinghat	Likely	Major	Very High	2A	217
140	Human Settlement	Other	Neighbourhood Safer Place - Mount George Public School	Rowleys River	Likely	Major	Very High	2A	217
141	Human Settlement	Other	Neighbourhood Safer Place - Wingham Sports Complex Car Park	Bulga	Likely	Major	Very High	2A	217
142	Human Settlement	Other	Neighbourhood Safer Place - Wingham Showground	Bulga	Likely	Major	Very High	2A	217
143	Human Settlement	Other	Neighbourhood Safer Place - Kolodong Vacant lot	Lansdowne	Likely	Major	Very High	2A	217
144	Human Settlement	Other	Neighbourhood Safer Place - Tallwoods Golf Club House and Course	Khappinghat	Likely	Major	Very High	2A	217
145	Human Settlement	Other	Neighbourhood Safer Place - Old Bar Bowling Club	Khappinghat	Likely	Major	Very High	2A	217
146	Human Settlement	Other	Neighbourhood Safer Place - Hannam Vale Family Worship / Salvation Army	Lansdowne	Likely	Major	Very High	2A	217
83	Human Settlement	Residential	Remote Rural Residential - North MDA	North	Likely	Major	Very High	2A	208; 223; 216; 232; 229; 236; 214; 224
148	Human Settlement	Residential	Port Macquarie Central	Port Macquarie	Likely	Major	Very High	2A	246; 207; 222; 250
149	Human Settlement	Residential	Port Macquarie East	Port Macquarie	Likely	Major	Very High	2A	208; 220; 236
184	Human Settlement	Residential	Lake Innes - Residential	Port Macquarie	Likely	Major	Very High	2A	238; 208
185	Human Settlement	Residential	Lake Innes North	Port Macquarie	Likely	Major	Very High	2A	241; 208
150	Human Settlement	Other	Pappinbarra RFS Station	West	Likely	Major	Very High	2A	236
186	Human Settlement	Other	Kindee Community Hall	West	Likely	Major	Very High	2A	236
187	Human Settlement	Other	Rollands Plains Hall	North	Likely	Major	Very High	2A	236
188	Human Settlement	Other	Hollisdale Hall	West	Likely	Major	Very High	2A	236
151	Human Settlement	Special Fire Protection	NEWMAN SENIOR TECHNICAL COLLEGE	Port Macquarie	Likely	Major	Very High	2A	250; 222; 255; 246
152	Human Settlement	Special Fire Protection	HERITAGE CHRISTIAN SCHOOL	Port Macquarie	Likely	Major	Very High	2A	246; 250; 207; 222; 255
189	Human Settlement	Special Fire Protection	ST PETER'S PRIMARY SCHOOL	Port Macquarie	Likely	Major	Very High	2A	246; 250; 222; 255; 238; 252; 214; 239
190	Human Settlement	Special Fire Protection	ST PAUL'S HIGH SCHOOL	Port Macquarie	Likely	Major	Very High	2A	246; 250; 255; 252; 214; 239; 222; 238
153	Human Settlement	Special Fire Protection	LANSDOWNE PUBLIC SCHOOL	Lansdowne	Likely	Major	Very High	2A	208; 254; 209; 235
154	Human Settlement	Special Fire Protection	Bangalay Child Care & Education Centre	Port Macquarie	Likely	Major	Very High	2A	246; 207; 222

155	Human Settlement	Special Fire Protection	Blooming Kids Early Learning & Long Day Care Centre	Port Macquarie	Likely	Major	Very High	2A	250; 222; 246
191	Human Settlement	Special Fire Protection	Cowarra Park Preschool & Long Day Care Centre	Coast	Likely	Major	Very High	2A	208; 238; 252; 214; 239; 220; 242; 255; 236
192	Human Settlement	Special Fire Protection	JOHNS RIVER PUBLIC SCHOOL	Crowdy Bay	Likely	Major	Very High	2A	208; 249; 254; 229; 230; 232; 228
84	Human Settlement	Special Fire Protection	MANNING GARDENS PUBLIC SCHOOL	Lansdowne	Likely	Major	Very High	2A	246; 256; 71
193	Human Settlement	Special Fire Protection	WARRANA PLACE RETIREMENT VILLAGE	Lansdowne	Likely	Major	Very High	2A	249; 254; 215; 209; 208
216	Human Settlement	Special Fire Protection	Mayo Private Hospital	Lansdowne	Likely	Major	Very High	2A	208; 249; 254; 215; 209
194	Human Settlement	Special Fire Protection	Wingham Brush Public School	Bulga	Likely	Major	Very High	2A	257; 252; 246; 224
195	Human Settlement	Special Fire Protection	Harrington Public School	Crowdy Bay	Likely	Major	Very High	2A	208; 235; 254; 215; 209
85	Human Settlement	Residential	North Shore Residential	North	Likely	Major	Very High	2A	221; 236; 240
160	Human Settlement	Residential	Remote Rural Residential - Rowsells Rd	North	Likely	Major	Very High	2A	208; 216; 229; 232; 236
161	Human Settlement	Residential	Crosslands	Wauchope	Likely	Major	Very High	2A	208
162	Human Settlement	Residential	Rural Properties - Yippin Creek Rd	Wauchope	Likely	Major	Very High	2A	208
86	Human Settlement	Residential	Rural Properties - King Creek	Wauchope	Likely	Major	Very High	2A	208; 229; 230; 232
87	Human Settlement	Residential	Rural Properties - Old King Creek	Wauchope	Likely	Major	Very High	2A	208; 229; 230; 232
164	Human Settlement	Residential	Rural Properties - Kendall	Wauchope	Likely	Major	Very High	2A	208; 229; 230; 232
170	Human Settlement	Residential	Isolated Properties - Herons Creek	Wauchope	Likely	Major	Very High	2A	208; 221; 229; 230; 232
235	Human Settlement	Special Fire Protection	Ocean Club Resort	Coast	Likely	Major	Very High	2A	208; 214; 220; 236; 238; 243; 252
236	Human Settlement	Residential	Forest Parkway Estate	Coast	Likely	Major	Very High	2A	208; 215; 220; 236; 238; 243
237	Human Settlement	Residential	Ocean Zephyr Estate	Coast	Likely	Major	Very High	2A	208; 220; 236; 242
247	Human Settlement	Other	Tacking Point Surf Lifesavers Club	Port Macquarie	Likely	Major	Very High	2A	207; 246
253	Human Settlement	Other	Telegraph Point RFS Station	North	Likely	Major	Very High	2A	236
254	Human Settlement	Other	Old Butter Factory	North	Likely	Major	Very High	2A	208
255	Human Settlement	Special Fire Protection	RIVERLODGE TOURIST VILLAGE	North	Likely	Major	Very High	2A	208
256	Human Settlement	Special Fire Protection	RIVERSIDE RESIDENTIAL VILLAGE	Port Macquarie	Likely	Major	Very High	2A	246
257	Human Settlement	Special Fire Protection	Munster Street Child Care	Port Macquarie	Likely	Major	Very High	2A	246
260	Human Settlement	Special Fire Protection	Lourdes Retirement Village	Port Macquarie	Likely	Major	Very High	2A	81; 82; 83
261	Human Settlement	Other	Sancrox RFS Station	Wauchope	Likely	Major	Very High	2A	236
263	Human Settlement	Other	Huntingdon RFS Station	Wauchope	Likely	Major	Very High	2A	236
264	Human Settlement	Other	Byabarra Public Hall	Wauchope	Likely	Major	Very High	2A	208

266	Human Settlement	Special Fire Protection	Obadiah Village	Crowdy Bay	Likely	Major	Very High	2A	208; 229; 228; 230; 232
273	Human Settlement	Other	Bungwahl RFS Station	PacificPalms	Likely	Major	Very High	2A	59; 56
274	Human Settlement	Other	Pacific Palms RFS Station	PacificPalms	Likely	Major	Very High	2A	56
275	Human Settlement	Other	Rainbow Flat RFS Station	Khappinghat	Likely	Major	Very High	2A	56; 74; 76
276	Human Settlement	Other	Bonny Hills RFS Station	Coast	Likely	Major	Very High	2A	285
277	Human Settlement	Other	Long Flat RFS Station	West	Likely	Major	Very High	2A	285
278	Human Settlement	Residential	Catalina Estate	Coast	Likely	Major	Very High	2A	215; 60; 220; 235
279	Human Settlement	Special Fire Protection	RSL Lifecare - Pozieres Retirement complex	Port Macquarie	Likely	Major	Very High	2A	208; 214; 220; 224; 236; 238
280	Human Settlement	Special Fire Protection	Lake Cathie Primary School	Coast	Likely	Major	Very High	2A	208; 220; 236; 238; 243
248	Economic	Commercial Forest	Knorrit State Forest - Plantations	Bulga; Rowleys River	Likely	Major	Very High	2A	232; 230; 229
241	Economic	Infrastructure	Communications Tower - CAREYS MOUNTAIN	Lansdowne	Likely	Major	Very High	2A	225
249	Economic	Commercial Forest	Bulga State Forest - Plantations	Bulga	Likely	Major	Very High	2A	230; 232
282	Economic	Infrastructure	Zone Substations - Lansdowne	Lansdowne	Likely	Major	Very High	2A	258
283	Economic	Infrastructure	Zone Substation - Crowdy Bay	Crowdy Bay	Likely	Major	Very High	2A	258
268	Economic	Infrastructure	Forster Sewerage Treatment Works	Nabiac	Likely	Major	Very High	2A	214; 239; 245; 252
281	Economic	Infrastructure	Avon Coal Loop	Waukivory	Likely	Major	Very High	2A	225; 208
269	Economic	Infrastructure	Cairncross Waste Management Facility	North	Likely	Major	Very High	2A	230; 232; 220; 236; 242; 229; 255
270	Economic	Infrastructure	Port Macquarie Waste Treatment Facility	Port Macquarie	Likely	Major	Very High	2A	207; 222; 252; 257
271	Economic	Infrastructure	Herons Creek Waste Management Facility	Wauchope	Likely	Major	Very High	2A	236; 220; 221
231	Economic	Drinking Water Catchment	Bootawa Dam	Krambach	Likely	Major	Very High	2A	244; 245
222	Economic	Commercial Forest	Middle Brother State Forest - Plantations	Wauchope	Likely	Major	Very High	2A	229; 230; 232; 231
223	Economic	Commercial Forest	North Branch State Forest - Plantations	Wauchope	Likely	Major	Very High	2A	229; 230; 232
224	Economic	Commercial Forest	Kerewong State Forest - Plantations	Wauchope	Likely	Major	Very High	2A	229; 230; 232
225	Economic	Commercial Forest	Upsalls Creek State Forest	Wauchope	Likely	Major	Very High	2A	229; 230; 232
226	Economic	Commercial Forest	Comboyne State Forest	Wauchope	Likely	Major	Very High	2A	229; 230; 232
227	Economic	Commercial Forest	Bellangry State Forest - Plantations	West	Likely	Major	Very High	2A	229; 230; 232
228	Economic	Commercial Forest	Doyles River State Forest	West	Likely	Major	Very High	2A	230; 232
165	Economic	Infrastructure	Middle Brother Communication Tower	Wauchope	Likely	Major	Very High	2A	235; 229; 230; 232; 219; 238; 214; 252; 239
230	Economic	Infrastructure	Transit Hill Communication Tower	Port Macquarie	Likely	Major	Very High	2A	250; 222

166	Economic	Infrastructure	Railway Communication Tower	Wauchope	Likely	Major	Very High	2A	238; 239; 252; 214; 229; 230; 232
203	Economic	Commercial Forest	Hastings Council Joint Venture Plantation	Coast	Likely	Major	Very High	2A	241; 227
250	Economic	Drinking Water Catchment	Cowarra Dam	Wauchope	Likely	Major	Very High	2A	229; 232; 219; 213; 218; 216
251	Economic	Drinking Water Catchment	Port Macquarie Dam	Port Macquarie	Likely	Major	Very High	2A	213; 236; 220; 218
106	Economic	Infrastructure	Long Flat Communication Tower	West	Likely	Major	Very High	2A	225
108	Economic	Infrastructure	Port Macquarie Airport	Port Macquarie	Likely	Major	Very High	2A	250; 255; 222
90	Economic	Infrastructure	Coolongolook Radio Tower	Nabiac	Likely	Major	Very High	2A	219; 230; 232
92	Economic	Infrastructure	Smiths Lake Radio Tower	PacificPalms	Likely	Major	Very High	2A	249
104	Economic	Infrastructure	Essential Energy Booral Sub Station	NorthArmCove	Likely	Major	Very High	2A	258
115	Economic	Infrastructure	Peppers Mountain radio Tower	Bunyah	Likely	Major	Very High	2A	225
116	Economic	Commercial Forest	Bulahdelah State Forest - Plantations	PacificPalms	Likely	Major	Very High	2A	232; 230; 231
117	Economic	Commercial Forest	Wang Wauk State Forest - Plantations	Nabiac	Likely	Major	Very High	2A	232; 230
118	Economic	Commercial Forest	Myall River State Forest Plantations	Bunyah	Likely	Major	Very High	2A	230; 231; 232
243	Economic	Commercial Forest	Bachelor State Forest- Plantations	Nabiac	Likely	Major	Very High	2A	230; 232
244	Economic	Commercial Forest	Wallingat State Forest - Plantations	PacificPalms	Likely	Major	Very High	2A	230; 232
245	Economic	Commercial Forest	Chichester State Forest - Plantations	Bunyah	Likely	Major	Very High	2A	230; 232
119	Economic	Commercial Forest	Joint Venture Plantation (Council Forestry Corp)	PacificPalms	Likely	Major	Very High	2A	233; 234
120	Economic	Infrastructure	Essential Energy Smiths Lake Sub Station	PacificPalms	Likely	Major	Very High	2A	249; 254; 258
204	Economic	Infrastructure	Nerong Communications Tower	PacificPalms	Likely	Major	Very High	2A	224; 214; 239; 252; 225
183	Economic	Infrastructure	Communications Tower NBN Co	Bunyah	Likely	Major	Very High	2A	225
196	Economic	Infrastructure	Communications Tower - NBN	Nabiac	Likely	Major	Very High	2A	225
198	Economic	Mines	Gloucester Coal mine	Waukivory	Likely	Major	Very High	2A	221
0	Economic	Infrastructure	Power Lines 132 Kv		Likely	Major	Very High	2A	210
242	Economic	Commercial Forest	Avon River State Forest - Plantations	Gloucester River	Likely	Major	Very High	2A	230; 232; 229
158	Economic	Infrastructure	Mt Talawahl Communications Tower	Krambach	Likely	Major	Very High	2A	225
159	Economic	Infrastructure	Mount Ganghat Communications Tower	Krambach	Likely	Major	Very High	2A	225
163	Economic	Infrastructure	Cowarra Dam	Wauchope	Likely	Major	Very High	2A	220; 236; 242; 229; 230; 232

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246	Economic	Infrastructure	Sewer & Water Operations Centre	Port Macquarie	Likely	Major	Very High	2A	250; 207; 222
252	Economic	Infrastructure	Bootawa Water Treatment Plant	Krambach	Likely	Major	Very High	2A	245; 71
258	Economic	Infrastructure	Port Macquarie Sewerage Treatment Plant	Port Macquarie	Likely	Major	Very High	2A	257; 252; 214; 250; 207; 222
259	Economic	Infrastructure	Essential Energy	Port Macquarie	Likely	Major	Very High	2A	258; 250; 207; 222
262	Economic	Infrastructure	Wauchope Water Treatment Plant	Wauchope	Likely	Major	Very High	2A	219; 236; 229; 230; 232
265	Economic	Infrastructure	Telemetry Building	Port Macquarie	Likely	Major	Very High	2A	250; 207; 222; 257; 252; 214; 239
267	Economic	Infrastructure	Dawson River Sewer Treatment Plant	Lansdowne	Likely	Major	Very High	2A	245; 208
157	Environment	Locally Important	Big Swamp	Crowdy Bay	Likely	Major	Very High	2A	226; 71
156	Environment	Locally Important	Cattai Wetlands	Crowdy Bay	Likely	Major	Very High	2A	226; 71
110	Environment	Endangered	Khappinghat - Flora	Khappinghat	Likely	Major	Very High	2A	63; 238
202	Environment	Endangered	North Shore Drive - Flora	North; Port Macquarie	Likely	Major	Very High	2A	240
201	Environment	Endangered	Wauchope - Flora	Wauchope	Likely	Major	Very High	2A	229; 230; 232; 228; 219; 220; 242; 255; 208
112	Environment	Endangered	Khappinghat - Flora	Khappinghat	Likely	Major	Very High	2A	63
111	Environment	Endangered	Khappinghat - Flora	Khappinghat	Likely	Major	Very High	2A	238; 63
169	Environment	Vulnerable	Koala Populations	Port Macquarie	Likely	Major	Very High	2A	213; 220; 242
238	Environment	Vulnerable	Koala Populations	Coast	Likely	Major	Very High	2A	220
239	Environment	Vulnerable	Koala Populations	Coast	Likely	Major	Very High	2A	220; 214; 238
240	Environment	Vulnerable	Koala Populations	Coast	Likely	Major	Very High	2A	221; 214; 238
168	Environment	Vulnerable	Koala Populations	Port Macquarie	Likely	Major	Very High	2A	221
91	Cultural	Non Indigenous	Lake Innes Ruins	Port Macquarie	Likely	Major	Very High	2A	239; 231; 224; 238
0	Human Settlement	Residential	Remote Rural Residential - Rowleys River	Rowleys River	Almost certain	Moderate	Very High	2C	208; 214; 243
297	Human Settlement	Residential	Purfleet village	Krambach	Almost certain	Moderate	Very High	2C	208; 225; 229; 230; 232
304	Human Settlement	Residential	Denva Road rural residential estate	Krambach	Almost certain	Moderate	Very High	2C	208; 229; 230; 232
288	Human Settlement	Special Fire Protection	Colonial Leisure Village	Crowdy Bay	Almost certain	Moderate	Very High	2C	298; 299; 300; 301; 302; 303; 304
302	Human Settlement	Residential	Federation Way	North	Almost certain	Moderate	Very High	2C	208; 229; 230; 231; 232; 238; 243
303	Human Settlement	Residential	Telegraph Point	North	Almost certain	Moderate	Very High	2C	208
0	Human Settlement	Residential	Isolated Rural Properties MDA North	North	Almost certain	Moderate	Very High	2C	208; 229; 230; 231; 232; 243
0	Human Settlement	Residential	Remote Rural Residential - Minimbah	Nabiac	Almost certain	Moderate	Very High	2C	208; 293; 243; 71; 215; 235
298	Human Settlement	Residential	Booral Village	NorthArmCove	Almost certain	Moderate	Very High	2C	208

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0	Human Settlement	Residential	Remote Rural Residential - Valley Floor Booral	NorthArmCove	Almost certain	Moderate	Very High	2C	208; 230; 232; 243; 231
0	Human Settlement	Residential	Remote Rural Residential - Markwell	Bunyah	Almost certain	Moderate	Very High	2C	208; 230; 231; 232; 243; 239
299	Human Settlement	Residential	Limeburners Creek Village	NorthArmCove	Almost certain	Moderate	Very High	2C	208; 230; 231; 232; 239; 243
0	Human Settlement	Residential	Remote Rural Residential - Mernot Barnard	Curricabark	Almost certain	Moderate	Very High	2C	208; 230; 231; 232; 239; 243
293	Human Settlement	Residential	North Shore	North	Almost certain	Moderate	Very High	2C	208
311	Economic	Commercial Forest	Yarratt State Forest	Lansdowne	Almost certain	Moderate	Very High	2C	230; 232; 229
312	Economic	Commercial Forest	Krambach Plantations	Krambach	Almost certain	Moderate	Very High	2C	291
313	Economic	Commercial Forest	Rowleys River Plantations	Rowleys River	Almost certain	Moderate	Very High	2C	291
305	Economic	Commercial Forest	Kendall State Forest - Plantations	Wauchope	Almost certain	Moderate	Very High	2C	229; 230; 232
306	Economic	Commercial Forest	Kippara State Forest	North; West	Almost certain	Moderate	Very High	2C	230; 232
307	Economic	Commercial Forest	Mount Boss State Forest	West	Almost certain	Moderate	Very High	2C	230; 232
301	Economic	Tourist and Recreational	Point Plomer Camp Ground	North	Almost certain	Moderate	Very High	2C	312; 298; 300; 301; 316
320	Economic	Infrastructure	Bonny Hills Treatment Plant	Coast	Almost certain	Moderate	Very High	2C	305; 310; 311
285	Economic	Commercial	Wauchope Industrial Area	Wauchope	Almost certain	Moderate	Very High	2C	286; 297; 295; 296; 315; 318; 319
310	Economic	Commercial Forest	Nerong State Forest	NorthArmCove	Almost certain	Moderate	Very High	2C	230; 232
300	Economic	Infrastructure	Minimbah Landfill	Nabiac	Almost certain	Moderate	Very High	2C	288
294	Economic	Infrastructure	Copeland Communications Towers	Gloucester River	Almost certain	Moderate	Very High	2C	300; 243; 301; 307; 308; 309
0	Economic	Tourist and Recreational	Barrington Tops National Park	Gloucester River	Almost certain	Moderate	Very High	2C	298; 300; 301; 316
309	Economic	Commercial Forest	Giro State Forest	Curricabark	Almost certain	Moderate	Very High	2C	230; 232; 289
319	Economic	Tourist and Recreational	The Ridge	Waukivory	Almost certain	Moderate	Very High	2C	312
296	Economic	Tourist and Recreational	Camerons Camp	West	Almost certain	Moderate	Very High	2C	312; 300; 301; 313; 314; 315; 316
317	Economic	Tourist and Recreational	Mudaridge	Gloucester River	Almost certain	Moderate	Very High	2C	294; 295; 296; 297
314	Economic	Infrastructure	Herons Creek Sewerage Treatment Plant	Coast	Almost certain	Moderate	Very High	2C	317; 288
315	Economic	Tourist and Recreational	Swans Crossing Camp Ground	Wauchope	Almost certain	Moderate	Very High	2C	294; 295; 296; 297
316	Economic	Infrastructure	NABIAC Water Treatment Plant	Nabiac	Almost certain	Moderate	Very High	2C	306; 312
318	Economic	Tourist and Recreational	Aysgarth House	Curricabark	Almost certain	Moderate	Very High	2C	193
292	Environment	Locally Important	Koala Hospital Plantation	North	Almost certain	Moderate	Very High	2C	225; 290
291	Environment	Endangered	Themeda Grassland Headland	Port Macquarie	Almost certain	Moderate	Very High	2C	243

308	Environment	Endangered	Themeda Grassland Headland	Port Macquarie	Almost certain	Moderate	Very High	2C	222
290	Environment	Vulnerable	Grey Headed Flying Fox	Port Macquarie	Almost certain	Moderate	Very High	2C	222; 287
295	Cultural	Non Indigenous	Cultural Heritage	West	Almost certain	Moderate	Very High	2C	316; 300; 301; 313; 314; 315; 312
284	Cultural	Non Indigenous	Willow Point Cemetery	Nabiac	Almost certain	Moderate	Very High	2C	306
289	Cultural	Other	Tamboy Historic Fishing Village	PacificPalms	Almost certain	Moderate	Very High	2C	214; 224; 292
286	Cultural	Non Indigenous	Lea Hurst House	Curricabark	Almost certain	Moderate	Very High	2C	193; 195; 196; 197; 198; 200; 201
287	Cultural	Non Indigenous	Monkeycot House	Curricabark	Almost certain	Moderate	Very High	2C	193; 195; 196; 197; 198; 200; 201
405	Human Settlement	Residential	Crowdy Head	Crowdy Bay	Likely	Moderate	High	3A	332
410	Human Settlement	Residential	Moorland North	Lansdowne	Likely	Moderate	High	3A	332
411	Human Settlement	Residential	Coopernook	Lansdowne	Likely	Moderate	High	3A	325; 326; 327; 332
414	Human Settlement	Residential	Cundletown	Lansdowne	Likely	Moderate	High	3A	320; 79
415	Human Settlement	Residential	Lansdowne	Lansdowne	Likely	Moderate	High	3A	334; 335; 333; 321; 322
360	Human Settlement	Residential	Taree City	Lansdowne	Likely	Moderate	High	3A	336; 79; 320; 339
347	Human Settlement	Residential	Cedar Party Rd rural residential estate	Lansdowne	Likely	Moderate	High	3A	337; 338; 325; 327; 326; 332; 333; 334; 336; 339
418	Human Settlement	Residential	Wingham and surrounds	Bulga	Likely	Moderate	High	3A	320; 323; 333; 332
420	Human Settlement	Residential	The Cedars Drive rural residential estate	Bulga	Likely	Moderate	High	3A	332
422	Human Settlement	Residential	Mt George village	Rowleys River	Likely	Moderate	High	3A	332
348	Human Settlement	Residential	Old Bar	Khappinghat	Likely	Moderate	High	3A	338; 339; 336; 334; 333; 326; 327; 332; 325
0	Human Settlement	Residential	Remote Rural Residential - Lansdowne	Lansdowne	Likely	Moderate	High	3A	332
375	Human Settlement	Residential	Tallwoods village	Khappinghat	Likely	Moderate	High	3A	332; 333
376	Human Settlement	Residential	Kookaburra Drive residences	Khappinghat	Likely	Moderate	High	3A	332; 335; 322; 321
426	Human Settlement	Residential	Tinonee	Krambach	Likely	Moderate	High	3A	332
0	Human Settlement	Residential	Remote Rural Residential - Khappinghat	Khappinghat	Likely	Moderate	High	3A	332; 335; 321; 322
428	Human Settlement	Residential	Krambach	Krambach	Likely	Moderate	High	3A	332
0	Human Settlement	Residential	Remote Rural Residential - Crowdy Bay MDA	Crowdy Bay	Likely	Moderate	High	3A	336; 327; 326; 325; 321; 322; 71; 333; 332; 338; 293; 334; 339; 330; 335
0	Human Settlement	Residential	Remote Rural Residential - Krambach	Krambach	Likely	Moderate	High	3A	332
431	Human Settlement	Residential	Airport estates - Cundletown	Lansdowne	Likely	Moderate	High	3A	333; 320; 332; 79
433	Human Settlement	Residential	Croki Village	Khappinghat	Likely	Moderate	High	3A	332
391	Human Settlement	Special Fire Protection	St Columba Anglican School	Port Macquarie	Likely	Moderate	High	3A	321; 322; 330; 335; 323; 344; 345

345	Human Settlement	Residential	Dunbogan	Coast	Likely	Moderate	High	3A	323; 332; 333; 334; 293;
368	Human Settlement	Residential	Kendall	Wauchope	Likely	Moderate	High	3A	340 332; 327; 326; 325
350	Human Settlement	Residential	Isolated Rural Properties - Beechwood	Wauchope	Likely	Moderate	High	3A	332; 192; 341
326	Human Settlement	Special Fire Protection	Lincoln Rd Retirement Village	Port Macquarie	Likely	Moderate	High	3A	323; 345; 344
445	Human Settlement	Other	PMH Bridge Association	Port Macquarie	Likely	Moderate	High	3A	329
446	Human Settlement	Other	NewIDAFE	Port Macquarie	Likely	Moderate	High	3A	329
330	Human Settlement	Residential	Forster	Nabiac	Likely	Moderate	High	3A	323; 332; 339; 340; 342; 333; 335; 322; 330; 320
331	Human Settlement	Residential	Bungwahl Village	PacificPalms	Likely	Moderate	High	3A	332; 322; 335
380	Human Settlement	Residential	Stroud	Bunyah	Likely	Moderate	High	3A	332
381	Human Settlement	Residential	Stroud Road	Bunyah	Likely	Moderate	High	3A	332
0	Human Settlement	Residential	Remote Rural Residential - Stroud Road	Bunyah	Likely	Moderate	High	3A	332; 326; 325
0	Human Settlement	Residential	Remote Rural Residential - Monkerai	Bunyah	Likely	Moderate	High	3A	332; 322; 335; 325; 326; 330
0	Human Settlement	Residential	Remote Rural Residential - Wards River	Bunyah	Likely	Moderate	High	ЗА	332; 325; 326; 327; 321; 322; 330; 335
382	Human Settlement	Residential	Wards River	Bunyah	Likely	Moderate	High	3A	332
0	Human Settlement	Residential	Remote Rural Residential - Bunyah	Bunyah	Likely	Moderate	High	3A	332; 325; 326
365	Human Settlement	Other	Neighbourhood Safer Place - Bennetts Beach	PacificPalms	Likely	Moderate	High	3A	349
383	Human Settlement	Other	Neighbourhood Safer Place - Blueys Beach	PacificPalms	Likely	Moderate	High	3A	349
384	Human Settlement	Other	Neighbourhood Safer Place - Boomerang Beach	PacificPalms	Likely	Moderate	High	3A	349
385	Human Settlement	Residential	Copeland Village	Gloucester River	Likely	Moderate	High	3A	332; 321; 322; 335; 330
389	Human Settlement	Residential	Barrington Village	Gloucester River	Likely	Moderate	High	3A	332
387	Human Settlement	Residential	Gloucester Township	Waukivory	Likely	Moderate	High	3A	332; 323
388	Human Settlement	Residential	Bundook Village	Waukivory	Likely	Moderate	High	3A	333; 332
367	Human Settlement	Residential	Stratford Village	Waukivory	Likely	Moderate	High	3A	332; 333
386	Human Settlement	Residential	Craven	Waukivory	Likely	Moderate	High	3A	332
0	Human Settlement	Residential	Remote Rural Residential - Waukivory MDA	Waukivory	Likely	Moderate	High	3A	332; 324; 327; 326; 325; 321; 335; 322; 330
0	Human Settlement	Residential	Remote Rural Residential - West MDA	West	Likely	Moderate	High	3A	323; 321; 68; 325; 326; 327; 322; 330; 332; 335
0	Human Settlement	Residential	Remote Rural Residential - Wauchope MDA	Wauchope	Likely	Moderate	High	ЗА	332; 327; 326; 325; 321; 322; 330; 335
0	Human Settlement	Residential	Remote Rural Residential - The Avon	Waukivory	Likely	Moderate	High	3A	332; 321; 322; 330; 335; 327; 326; 325

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0	Human Settlement	Residential	Remote Rural Residential - Mograni	Waukivory	Likely	Moderate	High	3A	332
0	Human Settlement	Residential	Remote Rural Residential - Bulliac/Bundook	Waukivory	Likely	Moderate	High	3A	332; 324; 343
0	Human Settlement	Residential	Remote Rural Residential - Bowman	Gloucester River	Likely	Moderate	High	3A	332; 343; 322; 325; 326; 327; 330; 335; 336
0	Human Settlement	Residential	Remote Rural Residential - Gloucester River	Gloucester River	Likely	Moderate	High	3A	332; 322; 330; 335
0	Human Settlement	Residential	Remote Rural Residential - Rawdon Vale	Curricabark	Likely	Moderate	High	3A	332; 321; 322; 335; 330; 326; 325; 336
351	Human Settlement	Other	North Shore RFS Station	North	Likely	Moderate	High	3A	328
352	Human Settlement	Other	Hollisdale RFS Station	West	Likely	Moderate	High	3A	328
353	Human Settlement	Special Fire Protection	Old Bar Beach Child Care & Early Learning Centre	Khappinghat	Likely	Moderate	High	3A	321; 335; 322; 330; 332
354	Human Settlement	Special Fire Protection	WINGHAM HIGH SCHOOL	Bulga	Likely	Moderate	High	3A	323; 321; 335; 347
378	Human Settlement	Residential	Nabiac Village West	Krambach	Likely	Moderate	High	3A	332
356	Human Settlement	Residential	Wauchope Residential Village	Wauchope	Likely	Moderate	High	3A	344; 327; 326; 325; 323; 345
338	Human Settlement	Residential	Isolated Properties - Batar Creek Rd	Wauchope	Likely	Moderate	High	3A	326; 327; 325; 336
357	Human Settlement	Residential	Remote Rural Residential - Pappinbarra	West	Likely	Moderate	High	3A	325; 326; 332
358	Human Settlement	Residential	Beechwood Village	Wauchope	Likely	Moderate	High	3A	332; 192
449	Human Settlement	Residential	Remote Rural Residential - Upper Lansdowne	Lansdowne	Likely	Moderate	High	3A	332; 321; 322; 330; 335; 325; 326; 327; 340; 331; 346
450	Human Settlement	Residential	Remote Rural Residential Killabakh	Lansdowne	Likely	Moderate	High	3A	332; 321; 322; 335; 330; 326; 327; 325
0	Human Settlement	Residential	Remote Rural Residential - Wallamba	Krambach	Likely	Moderate	High	3A	321; 322; 346; 332; 335; 338
459	Human Settlement	Other	Pembrooke RFS Station	Wauchope	Likely	Moderate	High	3A	328
460	Human Settlement	Other	RICCARDO TOMATOES	North	Likely	Moderate	High	3A	332
461	Human Settlement	Other	Senior Citizens Centre Hall Munster Street	Port Macquarie	Likely	Moderate	High	3A	79
463	Human Settlement	Other	Lake Innes RFS Station	Port Macquarie	Likely	Moderate	High	3A	328
579	Human Settlement	Other	Limeburners Creek RFS Station	NorthArmCove	Likely	Moderate	High	3A	333
580	Human Settlement	Other	North Arm Cove RFS Station	NorthArmCove	Likely	Moderate	High	3A	333
581	Human Settlement	Other	Pindimar RFS Station	PacificPalms	Likely	Moderate	High	3A	333
582	Human Settlement	Other	Tea Gardens RFS Station	PacificPalms	Likely	Moderate	High	3A	333
583	Human Settlement	Other	Coomba Park RFS Station	Nabiac	Likely	Moderate	High	3A	333
584	Human Settlement	Other	Wootton RFS Station	Nabiac	Likely	Moderate	High	3A	333
585	Human Settlement	Other	Minimbah RFS Station	Nabiac	Likely	Moderate	High	3A	333
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586	Human Settlement	Other	Johns River RFS Station	Crowdy Bay	Likely	Moderate	High	3A	293; 337; 333
587	Human Settlement	Other	Rollands Plains RFS Station	North	Likely	Moderate	High	3A	328
588	Human Settlement	Other	Beechwood RFS Station	Wauchope	Likely	Moderate	High	3A	328
589	Human Settlement	Other	Byabarra RFS Station	Wauchope	Likely	Moderate	High	3A	328
590	Human Settlement	Other	Lansdowne RFS Station	Lansdowne	Likely	Moderate	High	3A	333
591	Human Settlement	Other	Burrell Creek RFS Station	Krambach	Likely	Moderate	High	3A	333
592	Human Settlement	Other	Bulahdelah RFS Station	PacificPalms	Likely	Moderate	High	3A	333
593	Human Settlement	Other	Markwell RFS Station	Bunyah	Likely	Moderate	High	3A	333
451	Economic	Tourist and Recreational	Big Nellie lookout and picnic area	Lansdowne	Likely	Moderate	High	3A	321; 322; 330; 335; 327; 326; 325; 332
452	Economic	Tourist and Recreational	Starrs Creek picnic area	Lansdowne	Likely	Moderate	High	3A	321; 322; 325; 326; 327; 330; 332; 335
453	Economic	Tourist and Recreational	Flat Rock Lookout	Lansdowne	Likely	Moderate	High	3A	321; 322; 325; 326; 327; 330; 332; 335
424	Economic	Commercial	Taree South Commercial Area	Krambach	Likely	Moderate	High	3A	360; 361
434	Economic	Tourist and Recreational	Big Buzz Fun Park	Khappinghat	Likely	Moderate	High	3A	332
512	Economic	Tourist and Recreational	Stroud Monestry	Bunyah	Likely	Moderate	High	3A	326; 325; 332
565	Economic	Tourist and Recreational	The Woll on Kerripit	Gloucester River	Likely	Moderate	High	3A	332
577	Economic	Infrastructure	Dunbogan Waste Treatment Facility	Coast	Likely	Moderate	High	3A	341; 329; 328; 286
484	Economic	Tourist and Recreational	Sundowner Tiona Tourist Park	Nabiac	Likely	Moderate	High	3A	335; 330; 322; 332
485	Economic	Tourist and Recreational	Twin Dolphins Caravan Park	Nabiac	Likely	Moderate	High	3A	334; 323; 293; 359
377	Economic	Infrastructure	Manning Point Sewage Treatment Plant	Khappinghat	Likely	Moderate	High	3A	333; 355
513	Economic	Tourist and Recreational	Cockadilly Guest House	Gloucester River	Likely	Moderate	High	3A	332
514	Economic	Tourist and Recreational	Knorrit Flat Riverside Retreat	Rowleys River	Likely	Moderate	High	3A	332
515	Economic	Tourist and Recreational	Jacksons Luxury Farm Stay Sunrise Cottage	Krambach	Likely	Moderate	High	3A	332
516	Economic	Tourist and Recreational	Cockatoo Country B&B	Krambach	Likely	Moderate	High	3A	332
517	Economic	Tourist and Recreational	Country Roads Farm Stay	Krambach	Likely	Moderate	High	3A	332
518	Economic	Tourist and Recreational	Katamaya B&B	Khappinghat	Likely	Moderate	High	3A	332
519	Economic	Tourist and Recreational	Rainbow Cottage B&B	Khappinghat	Likely	Moderate	High	3A	332
520	Economic	Tourist and Recreational	Riverside Holiday Park	Nabiac	Likely	Moderate	High	3A	332; 340; 357; 333

521	Economic	Tourist and Recreational	Forster/Tuncurry Lakeside Resort	Nabiac	Likely	Moderate	High	3A	332
522	Economic	Tourist and Recreational	Forest Lodge Farm Stay	PacificPalms	Likely	Moderate	High	3A	322; 363; 332; 325; 326; 330; 335
523	Economic	Tourist and Recreational	Cutlers Cottage	PacificPalms	Likely	Moderate	High	3A	332; 322; 325; 326; 330
524	Economic	Tourist and Recreational	Gloucester Tops Caravan Park	Gloucester River	Likely	Moderate	High	3A	332; 338; 362; 293
525	Economic	Tourist and Recreational	Goldies Place Rainforest B&B	Gloucester River	Likely	Moderate	High	3A	332; 362; 322; 338; 321; 330; 335; 293
571	Economic	Tourist and Recreational	Seal Rocks Holiday Park	PacificPalms	Likely	Moderate	High	ЗА	333; 321; 322; 330; 335; 357; 338
572	Economic	Tourist and Recreational	Sugarloaf Point Lighthouse	PacificPalms	Likely	Moderate	High	3A	332; 330; 335; 321; 322
496	Economic	Infrastructure	Old Bar Sewer Treatment Plant	Khappinghat	Likely	Moderate	High	3A	333; 327; 326; 325; 363; 321; 322; 335; 330; 364; 332
333	Economic	Infrastructure	Yarras Trig Communication Tower	West	Likely	Moderate	High	3A	334; 335; 322; 325; 326
374	Economic	Tourist and Recreational	Diamond Head Camp Ground	Coast	Likely	Moderate	High	ЗА	347; 321; 322; 330; 335; 332
397	Economic	Infrastructure	Comboyne West Communication Tower	West	Likely	Moderate	High	3A	360
334	Economic	Tourist and Recreational	Christmas Cove Caravan Park	Coast	Likely	Moderate	High	3A	323; 329; 344
346	Economic	Tourist and Recreational	Rainbow Beach Caravan Park	Coast	Likely	Moderate	High	3A	334; 293; 328; 332
369	Economic	Commercial Forest	Watts Joint Venture Plantation	West	Likely	Moderate	High	3A	324
370	Economic	Commercial Forest	Woodcock Joint Venture Plantation	West	Likely	Moderate	High	3A	324
371	Economic	Commercial Forest	Finlay Joint Venture Plantation	Wauchope	Likely	Moderate	High	3A	227
372	Economic	Commercial Forest	Bradley Joint Venture Plantation	Wauchope	Likely	Moderate	High	3A	227
373	Economic	Commercial Forest	Baguley Joint Venture Plantation	West	Likely	Moderate	High	3A	227
394	Economic	Commercial Forest	Miller Plantation	Wauchope	Likely	Moderate	High	3A	324
395	Economic	Commercial Forest	Koop Plantation	West	Likely	Moderate	High	3A	324
396	Economic	Commercial Forest	Yaganegi Plantation	Wauchope	Likely	Moderate	High	3A	324
332	Economic	Infrastructure	Red Hill Communication Tower	North	Likely	Moderate	High	3A	355; 325; 326; 327; 321; 322; 330; 335
398	Economic	Tourist and Recreational	North Haven Caravan Park	Coast	Likely	Moderate	High	3A	334; 337; 293; 338; 362; 321; 322; 330; 335; 332
399	Economic	Tourist and Recreational	Timbertown Resort	Wauchope	Likely	Moderate	High	ЗА	325; 326; 323; 327; 328; 329
325	Economic	Tourist and Recreational	Timbertown	Wauchope	Likely	Moderate	High	ЗА	328; 329; 332; 325; 326; 327

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578	Economic	Infrastructure	Wauchope Waste Treatment Facility	Wauchope	Likely	Moderate	High	3A	328
392	Economic	Agricultural	Bago Vineyards	Wauchope	Likely	Moderate	High	3A	355; 327; 326; 325
393	Economic	Agricultural	Cassagrain Winery	Port Macquarie	Likely	Moderate	High	3A	355; 336
400	Economic	Infrastructure	Hindman Street pumping Station	Port Macquarie	Likely	Moderate	High	3A	329; 344; 345
401	Economic	Infrastructure	Moruya Drive Pumping Station	Port Macquarie	Likely	Moderate	High	3A	335; 329
402	Economic	Infrastructure	Mathew Flinders Drive Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329
403	Economic	Infrastructure	Hollingsworth Street Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329
404	Economic	Infrastructure	Melanie Place Pumping Station	Port Macquarie	Likely	Moderate	High	3A	335; 329; 347
406	Economic	Infrastructure	Chestnut Road Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329; 321; 322; 335
407	Economic	Infrastructure	Geebung Road Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329; 321; 322; 330; 335
408	Economic	Infrastructure	127 Mathew Flinders Drive Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329
409	Economic	Infrastructure	Marbuk Park Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329
412	Economic	Infrastructure	Innes Lake Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329; 328; 321; 322; 330; 335; 336
413	Economic	Infrastructure	Elkhorn Grove Pumping Station	Port Macquarie	Likely	Moderate	High	3A	321; 322; 330; 335; 329; 336
416	Economic	Infrastructure	The Point Drive Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329; 321; 322; 330; 335
417	Economic	Infrastructure	Mullaway Road Pumping Station	Coast	Likely	Moderate	High	3A	329; 321; 335
419	Economic	Infrastructure	Evans Street Pumping Station	Coast	Likely	Moderate	High	3A	328; 321; 322; 330; 334
421	Economic	Infrastructure	Lakeside Way Pumping Station	Coast	Likely	Moderate	High	3A	328; 355
423	Economic	Infrastructure	Forest Way Pumping Station	Coast	Likely	Moderate	High	3A	328; 330; 355
425	Economic	Infrastructure	Ocean Drive north Pumping Station	Coast	Likely	Moderate	High	3A	328; 286; 341
427	Economic	Infrastructure	Ocean Drive south Pumping Station	Coast	Likely	Moderate	High	3A	328; 286; 341; 356
429	Economic	Infrastructure	Bain Place Pumping Station	Coast	Likely	Moderate	High	3A	286; 328; 341
430	Economic	Infrastructure	Dicks Hill Pumping Station	Coast	Likely	Moderate	High	3A	329
432	Economic	Infrastructure	Camden Head north Pumping Station	Coast	Likely	Moderate	High	3A	329
435	Economic	Infrastructure	Camden Head south Pumping Station	Coast	Likely	Moderate	High	3A	329; 345
436	Economic	Infrastructure	Sirius Drive Pumping Station	Coast	Likely	Moderate	High	3A	329; 345; 341
437	Economic	Infrastructure	Scribbly Bark Pumping Station	Coast	Likely	Moderate	High	3A	329; 341; 345
438	Economic	Infrastructure	Waterview Crescent Pumping Station	Coast	Likely	Moderate	High	3A	329
439	Economic	Infrastructure	Sailing Club Pumping Station	Coast	Likely	Moderate	High	3A	329
440	Economic	Infrastructure	Captain Cook Pumping Station	Coast	Likely	Moderate	High	3A	329

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	442	Economic	Infrastructure	Stockwhip Place Pumping Station	Wauchope	Likely	Moderate	High	3A	329; 326; 327; 325
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328	Economic	Infrastructure	Communications Tower	PacificPalms	Likely	Moderate	High	3A	355; 326
323	Economic	Commercial Forest	Joint Venture Timber Plantation	Gloucester River	Likely	Moderate	High	3A	324
321	Economic	Commercial Forest	Maslen's Plantation	Waukivory	Likely	Moderate	High	3A	324
322	Economic	Commercial Forest	Latimore's Joint Venture Plantation	Waukivory	Likely	Moderate	High	3A	343; 325
530	Economic	Tourist and Recreational	Waterhens Ramble and Retreat	Waukivory	Likely	Moderate	High	3A	332
361	Economic	Commercial Forest	Nosrac - Plantation	Waukivory	Likely	Moderate	High	3A	227
364	Economic	Infrastructure	Gloucester Water Treatment Plant	Waukivory	Likely	Moderate	High	3A	333
366	Economic	Infrastructure	Gloucester Sewage Treatment Works	Waukivory	Likely	Moderate	High	3A	333
531	Economic	Tourist and Recreational	Coolibah Creek Homestead	Waukivory	Likely	Moderate	High	3A	338; 332
532	Economic	Tourist and Recreational	Never Never Lodge	Gloucester River	Likely	Moderate	High	3A	321; 322; 330; 332; 335
595	Economic	Tourist and Recreational	Gloucester River Vineyard	Waukivory	Likely	Moderate	High	3A	332
533	Economic	Tourist and Recreational	Rivers Rest	Gloucester River	Likely	Moderate	High	3A	321; 322; 330; 332; 335
534	Economic	Tourist and Recreational	Woko River Retreat	Curricabark	Likely	Moderate	High	3A	321; 322; 330; 332; 335
535	Economic	Tourist and Recreational	Ashmar Country Cottage	Waukivory	Likely	Moderate	High	3A	332
536	Economic	Tourist and Recreational	Woko River Retreat	Curricabark	Likely	Moderate	High	3A	321; 322; 330; 332; 335
537	Economic	Tourist and Recreational	The Tops Organic Retreat - Resort Style	Gloucester River	Likely	Moderate	High	3A	293; 337; 338; 332; 362
538	Economic	Tourist and Recreational	Karamea Homestead	Curricabark	Likely	Moderate	High	3A	347; 335; 322; 332; 330; 325; 326
573	Economic	Tourist and Recreational	Twisttops Retreat	Gloucester River	Likely	Moderate	High	3A	332; 321; 322; 330; 335; 336
539	Economic	Tourist and Recreational	Kia Ora Lookout Retreat	Waukivory	Likely	Moderate	High	3A	332
540	Economic	Tourist and Recreational	Watergums Retreat	Gloucester River	Likely	Moderate	High	3A	332
541	Economic	Tourist and Recreational	Earlyn	Waukivory	Likely	Moderate	High	3A	332
542	Economic	Tourist and Recreational	Arrowee House	Waukivory	Likely	Moderate	High	3A	332
543	Economic	Tourist and Recreational	Barrington Reserve Camping	Gloucester River	Likely	Moderate	High	3A	332
544	Economic	Tourist and Recreational	Avon View Stays	Waukivory	Likely	Moderate	High	3A	332
545	Economic	Tourist and Recreational	Gloucester on Avon B&B	Waukivory	Likely	Moderate	High	3A	332

546	Economic	Tourist and Recreational	Trudgelong Farm/Cottage	Waukivory	Likely	Moderate	High	3A	332
547	Economic	Tourist and Recreational	Barrington Riverside Country Retreat	Waukivory	Likely	Moderate	High	3A	332
548	Economic	Tourist and Recreational	Altamira	Waukivory	Likely	Moderate	High	3A	332
454	Economic	Commercial Forest	Barrington Tops State Forest	Curricabark; Gloucester River	Likely	Moderate	High	3A	325; 326
455	Economic	Commercial Forest	Bowman State Forest	Gloucester River	Likely	Moderate	High	3A	325; 326; 327
555	Economic	Tourist and Recreational	The Steps River View Cottage and Camping	Gloucester River	Likely	Moderate	High	3A	332
556	Economic	Tourist and Recreational	Zebula	Waukivory	Likely	Moderate	High	3A	332
557	Economic	Tourist and Recreational	Mount Seaview Resort	West	Likely	Moderate	High	3A	332
558	Economic	Tourist and Recreational	Mount Seaview Retreat	West	Likely	Moderate	High	3A	332
566	Economic	Tourist and Recreational	Nundoobah Retreat	Lansdowne	Likely	Moderate	High	3A	332; 336
567	Economic	Tourist and Recreational	Edgewater Holiday Park	Port Macquarie	Likely	Moderate	High	3A	323; 329; 344; 345
570	Economic	Tourist and Recreational	Kiwarrak Country Retreat	Khappinghat	Likely	Moderate	High	3A	330; 321; 322; 335; 327; 363; 325; 326
559	Economic	Tourist and Recreational	Artisans Retreat Craftstay B&B	Krambach	Likely	Moderate	High	3A	332
560	Economic	Tourist and Recreational	Discovery Parks Big4 Harrington	Crowdy Bay	Likely	Moderate	High	3A	332; 362; 334; 338; 335; 293; 321
561	Economic	Tourist and Recreational	Diamond Waters Caravan Park	Coast	Likely	Moderate	High	3A	286; 321; 322; 330; 332; 335
562	Economic	Tourist and Recreational	Treehouse Retreat at Diamond Waters	Coast	Likely	Moderate	High	3A	321; 322; 286; 330; 332; 335
563	Economic	Tourist and Recreational	Stoney Park Waterski Park	North	Likely	Moderate	High	3A	332
339	Economic	Commercial	Gingers Creek Roadhouse	West	Likely	Moderate	High	3A	355; 321; 322; 335; 330
456	Economic	Tourist and Recreational	SEA ACRES RAINFOREST CENTRE	Port Macquarie	Likely	Moderate	High	3A	323
458	Economic	Infrastructure	Telegraph Point Water Treatment Plant	North	Likely	Moderate	High	3A	328
462	Economic	Infrastructure	SES Command Centre & Training Facility Central Rd	Port Macquarie	Likely	Moderate	High	3A	79; 329; 287
564	Economic	Tourist and Recreational	Marina Holiday Park	Port Macquarie	Likely	Moderate	High	3A	323
568	Economic	Tourist and Recreational	Leisure Tourist Park and Holiday Units	Port Macquarie	Likely	Moderate	High	3A	323; 345; 344
569	Economic	Tourist and Recreational	Barrington River House	Gloucester River	Likely	Moderate	High	3A	332
464	Economic	Infrastructure	Long Flat Pumping Station	West	Likely	Moderate	High	3A	328

465	Economic	Infrastructure	Settlement Point Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329; 335
466	Economic	Infrastructure	North Oxley Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329; 286; 341; 356
467	Economic	Infrastructure	South Oxley Pumping Station	Port Macquarie	Likely	Moderate	High	3A	328; 336
468	Economic	Infrastructure	Lake Road Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329
469	Economic	Infrastructure	Hill Street Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329
470	Economic	Infrastructure	Wyandra Cres Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329
471	Economic	Infrastructure	Green Meadows Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329; 321; 322; 330; 335
472	Economic	Infrastructure	Swift Street Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329; 341
473	Economic	Infrastructure	Crestwood Drive Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329; 345; 344
474	Economic	Infrastructure	Ascot Park Pumping Station	Port Macquarie	Likely	Moderate	High	3A	329; 328; 321; 335; 336
475	Economic	Infrastructure	Stoney Creek Pumping Station	Wauchope	Likely	Moderate	High	3A	328; 327; 326; 325
476	Economic	Infrastructure	Glenview Drive Pumping Station	Wauchope	Likely	Moderate	High	3A	328
477	Economic	Infrastructure	Pead Street Pumping Station	Wauchope	Likely	Moderate	High	3A	329; 344
478	Economic	Infrastructure	Cowarra Dam Telemetry Shed	Wauchope	Likely	Moderate	High	3A	328; 336; 327; 326; 325
479	Economic	Infrastructure	Forest Parkway Pumping Station	Coast	Likely	Moderate	High	3A	328; 321; 335; 286; 341
480	Economic	Infrastructure	Lord Street Pumping Station	Coast	Likely	Moderate	High	3A	329; 337; 338; 359
481	Economic	Tourist and Recreational	Coopernook Forest Park Camping Ground	Lansdowne	Likely	Moderate	High	3A	72; 73; 74; 76
482	Economic	Tourist and Recreational	Riverside Caravan Park	Nabiac	Likely	Moderate	High	3A	332
483	Economic	Tourist and Recreational	Camp Elim	Nabiac	Likely	Moderate	High	3A	321; 322; 335; 330; 332
491	Economic	Infrastructure	Lansdowne Sewer Treatment Plant	Lansdowne	Likely	Moderate	High	3A	333; 321; 322; 335; 330; 332
492	Economic	Infrastructure	Coopernook Sewer Treatment Plant	Lansdowne	Likely	Moderate	High	3A	333; 327; 326; 325; 363; 332
493	Economic	Infrastructure	Harrington Sewer Treatment Plant	Crowdy Bay	Likely	Moderate	High	3A	293; 321; 322; 330; 335; 332; 357
494	Economic	Infrastructure	Bootawa River 1A	Krambach	Likely	Moderate	High	3A	333; 332
495	Economic	Infrastructure	Wingham Sewer Treatment Plant	Bulga	Likely	Moderate	High	3A	321; 335; 347; 348
497	Economic	Infrastructure	Hallidays Point Sewer Treatment Plant	Nabiac	Likely	Moderate	High	3A	333; 335; 330; 322; 364; 332
498	Economic	Infrastructure	Tea Gardens Water Treatment Plant	PacificPalms	Likely	Moderate	High	3A	332; 333; 322; 330; 335; 364
499	Economic	Infrastructure	Stroud Sewer Treatment Plant	Bunyah	Likely	Moderate	High	3A	325; 326; 363; 333; 332
500	Economic	Infrastructure	Bulahdelah Water Treatment Plant	PacificPalms	Likely	Moderate	High	3A	333; 332; 336
501	Economic	Infrastructure	Vacuum Sewer Pump Station	PacificPalms	Likely	Moderate	High	3A	333; 332
502	Economic	Infrastructure	Harrington Vacuum Sewer Pump Station	Crowdy Bay	Likely	Moderate	High	3A	332; 333

503	Economic	Tourist and Recreational	Tirrintippin Farmstay	Bulga	Likely	Moderate	High	3A	332
504	Economic	Tourist and Recreational	Benbellen Country Retreat & Cottages	Lansdowne	Likely	Moderate	High	3A	332
505	Economic	Tourist and Recreational	Falls Forest Retreat	Lansdowne	Likely	Moderate	High	3A	332; 321; 363; 327; 325; 326; 322; 330; 335
506	Economic	Tourist and Recreational	Stewarts River B&B	Lansdowne	Likely	Moderate	High	3A	332
507	Economic	Tourist and Recreational	Penlan Cottage	Lansdowne	Likely	Moderate	High	3A	332; 363; 327; 325; 326
508	Economic	Tourist and Recreational	Deans Creek Lodge	Krambach	Likely	Moderate	High	3A	332; 327; 325; 326
509	Economic	Tourist and Recreational	Cundle Flat Farm	Rowleys River	Likely	Moderate	High	3A	332; 335
510	Economic	Tourist and Recreational	Forest Terrace B & B	Khappinghat	Likely	Moderate	High	3A	321; 322; 325; 326; 327; 330; 332; 347
511	Economic	Tourist and Recreational	CHILTERN LODGE	Khappinghat	Likely	Moderate	High	3A	321; 322; 325; 326; 327; 330; 332; 347
549	Economic	Tourist and Recreational	Barrington Riverside Cottages	Gloucester River	Likely	Moderate	High	3A	332
550	Economic	Tourist and Recreational	Birdsong@Barrington	Gloucester River	Likely	Moderate	High	3A	332
551	Economic	Tourist and Recreational	Copeland Cabins and the Milking Shed	Gloucester River	Likely	Moderate	High	3A	321; 322; 330; 332; 335
552	Economic	Tourist and Recreational	Penny & Chris Vavasours B&B	Gloucester River	Likely	Moderate	High	3A	332
553	Economic	Tourist and Recreational	The Love Shack	Waukivory	Likely	Moderate	High	3A	332
554	Economic	Tourist and Recreational	The Old School Masters Cottage	Gloucester River	Likely	Moderate	High	3A	332
596	Economic	Tourist and Recreational	Clarendon Forest Retreat	Krambach	Likely	Moderate	High	3A	321; 322; 325; 326; 327; 330; 332; 335
574	Economic	Tourist and Recreational	Bushland Camping/Caravan Park & Golf Course	PacificPalms	Likely	Moderate	High	3A	336; 332
575	Economic	Tourist and Recreational	Sandbar Caravan Park	PacificPalms	Likely	Moderate	High	3A	332; 336
576	Economic	Tourist and Recreational	NRMA Port Macquarie Breakwall Holiday Park	Port Macquarie	Likely	Moderate	High	3A	323
594	Economic	Tourist and Recreational	Mansfield on the Manning	Krambach	Likely	Moderate	High	3A	332
355	Environment	Endangered	Themeda Grassland Headland	Coast	Likely	Moderate	High	3A	243
340	Cultural	Non Indigenous	Mountain Maid Gold Mine	Gloucester River	Likely	Moderate	High	3A	321; 322; 330; 364; 335; 336; 332
341	Cultural	Non Indigenous	Barrington River Bridge	Gloucester River	Likely	Moderate	High	3A	332
363	Cultural	Non Indigenous	Copeland No2 General Cemetery	Gloucester River	Likely	Moderate	High	3A	333; 332
457	Cultural	Non Indigenous	Historic Grave - Sancrox	Wauchope	Likely	Moderate	High	3A	328; 332

597	Human Settlement	Special Fire Protection	Golden Ponds	Nabiac	Possible	Major	High	3B	365; 348; 366
599	Economic	Infrastructure	Taree South Industrial Area	Krambach	Possible	Major	High	3B	367; 368; 369; 370
0	Economic	Infrastructure	Power Lines - Mid Coast District	Bulga; Bunyah; Coast; Crowdy Bay; Curricabark; Gloucester River; Khappinghat; Krambach; Lansdowne	Possible	Major	High	3B	371
0	Economic	Tourist and Recreational	Myall Lakes National Park	Bunyah; Nabiac; NorthArmCove; PacificPalms	Possible	Major	High	3B	377; 372; 378; 364; 373; 367; 368; 375; 374
598	Economic	Infrastructure	Communications Tower - Failford	Nabiac	Possible	Major	High	3B	374; 376
0	Economic	Infrastructure	Power Lines - Mid Coast District	Nabiac; North; NorthArmCove; PacificPalms; Port Macquarie; Rowleys River; Wauchope; Waukivory; West	Possible	Major	High	3B	371
600	Human Settlement	Special Fire Protection	Bobin School and Hall	Bulga	Unlikely	Catastrophic	High	3C	193
602	Human Settlement	Special Fire Protection	Laurieton Nursing Home	Coast	Unlikely	Catastrophic	High	3C	383; 384; 385; 379; 380; 381; 382; 386
604	Human Settlement	Special Fire Protection	Camden Haven High School	Coast	Unlikely	Catastrophic	High	3C	193
603	Human Settlement	Other	Kew Tourist Information Centre	Wauchope	Unlikely	Catastrophic	High	3C	328
601	Human Settlement	Special Fire Protection	Stroud Lodge	Bunyah	Unlikely	Catastrophic	High	3C	193
627	Human Settlement	Other	Bobin RFS Station	Bulga	Almost certain	Minor	High	3D	333
619	Economic	Commercial	Forster LALC Plant Nursery	Nabiac	Almost certain	Minor	High	3D	395; 398
0	Economic	Tourist and Recreational	Wallingat National park	Nabiac; PacificPalms	Almost certain	Minor	High	3D	391; 393; 394; 395; 396; 397; 399; 400; 401
0	Economic	Tourist and Recreational	Booti Booti National Park	Nabiac	Almost certain	Minor	High	3D	393; 394; 396; 395; 397; 401
628	Economic	Tourist and Recreational	Darawank Nature Reserve	Nabiac	Almost certain	Minor	High	3D	394; 396; 395; 401
0	Economic	Tourist and Recreational	Minimbah Nature Reserve	Nabiac	Almost certain	Minor	High	3D	395; 401; 392; 402
629	Economic	Tourist and Recreational	Ghin-Doo-ee National Park	Bunyah	Almost certain	Minor	High	3D	321; 322; 325; 326; 330; 335; 363; 364
607	Economic	Tourist and Recreational	Neranie Camping Ground	PacificPalms	Almost certain	Minor	High	3D	393; 394; 396; 395; 397; 401
608	Economic	Tourist and Recreational	Shelly Beach Camp Ground	PacificPalms	Almost certain	Minor	High	3D	395; 394; 396; 401
609	Economic	Tourist and Recreational	Sunnyside	PacificPalms	Almost certain	Minor	High	3D	322; 335; 330; 364; 326; 325; 363
610	Economic	Tourist and Recreational	Wallingat River Camping Ground	Nabiac	Almost certain	Minor	High	3D	321; 322; 330; 335; 364; 325; 326; 363

611	Economic	Tourist and Recreational	Ferny Creek Camping Ground	Nabiac	Almost certain	Minor	High	3D	322; 330; 335; 364; 325; 326; 363
612	Economic	Tourist and Recreational	Boomeri Camping Ground	PacificPalms	Almost certain	Minor	High	3D	321; 322; 330; 335; 364
613	Economic	Tourist and Recreational	Mungo Brush Camp Ground	PacificPalms	Almost certain	Minor	High	3D	322; 335; 330; 347; 364
614	Economic	Tourist and Recreational	Banksia Green Camp Ground	PacificPalms	Almost certain	Minor	High	3D	322; 330; 335; 364
615	Economic	Tourist and Recreational	Brambles Green Camping Ground	PacificPalms	Almost certain	Minor	High	3D	322; 330; 335; 364
616	Economic	Tourist and Recreational	Stewart and Lloyds Camp Ground	PacificPalms	Almost certain	Minor	High	3D	322; 330; 335; 364
617	Economic	Tourist and Recreational	River Mouth Camp Ground	PacificPalms	Almost certain	Minor	High	3D	321; 322; 330; 335; 364
605	Economic	Commercial Forest	Morley Plantation	Waukivory	Almost certain	Minor	High	3D	390
620	Economic	Infrastructure	Timber Bridge - Gloucester Tops Rd	Gloucester River	Almost certain	Minor	High	3D	397; 393; 394; 395; 396
621	Economic	Infrastructure	Timber Bridge- Sharpes Creek	Gloucester River	Almost certain	Minor	High	3D	393; 394; 395; 396; 397
606	Economic	Tourist and Recreational	Cobark Park Picnic Area	Gloucester River	Almost certain	Minor	High	3D	330; 335; 364; 321; 322; 336; 332; 326; 325; 363
622	Economic	Tourist and Recreational	Woko Camping/picnic Area	Curricabark	Almost certain	Minor	High	3D	397; 395; 396; 401; 402
0	Economic	Tourist and Recreational	Barakee National Park	Curricabark	Almost certain	Minor	High	3D	322; 325; 326; 330; 335; 363; 364
0	Economic	Tourist and Recreational	Barrington Tops SCA	Curricabark; Gloucester River	Almost certain	Minor	High	3D	322; 325; 326; 330; 335; 363; 364
0	Economic	Tourist and Recreational	Berrico Nature Reserve	Waukivory	Almost certain	Minor	High	3D	321; 322; 330; 335; 325; 326; 327; 363; 364
0	Economic	Tourist and Recreational	Bretti Nature Reserve	Curricabark	Almost certain	Minor	High	3D	394; 395; 396; 401; 391; 399; 400
0	Economic	Tourist and Recreational	Camels Hump Nature Reserve	Curricabark	Almost certain	Minor	High	3D	335; 364; 336; 332
0	Economic	Tourist and Recreational	Coneac SCA	Gloucester River	Almost certain	Minor	High	3D	335; 322; 330; 364; 326; 325; 363; 336; 332
0	Economic	Tourist and Recreational	Copeland Tops SCA	Gloucester River	Almost certain	Minor	High	3D	321; 322; 325; 335; 330; 364; 336; 332; 326; 327
626	Economic	Tourist and Recreational	Rowleys Peak Lookout	Bulga	Almost certain	Minor	High	3D	391; 394; 395; 396; 400; 401
618	Economic	Tourist and Recreational	Tobins Camp	West	Almost certain	Minor	High	3D	322; 321; 330; 335; 364
0	Economic	Tourist and Recreational	Curracabundi National Park	Curricabark	Almost certain	Minor	High	3D	322; 330; 335; 364
0	Economic	Tourist and Recreational	Mernot Nature Reserve	Curricabark	Almost certain	Minor	High	3D	322; 330; 335; 364
0	Economic	Tourist and Recreational	The Glenn Nature Reserve	Waukivory	Almost certain	Minor	High	3D	321; 322; 330; 335; 364; 347

0	Economic	Tourist and Recreational	Watchimbark Nature Reserve	Curricabark	Almost certain	Minor	High	3D	322; 330; 335; 364
0	Economic	Tourist and Recreational	Woko National Park	Curricabark	Almost certain	Minor	High	3D	322; 335; 330; 364; 336; 332
624	Economic	Mines	East Coast Limestone Quarry	Wauchope	Almost certain	Minor	High	3D	388; 389
625	Economic	Tourist and Recreational	Dingo Tops Camp Ground	Bulga	Almost certain	Minor	High	3D	391; 394; 395; 396; 397; 399; 400; 401
623	Cultural	Non Indigenous	Tacking Point Lighthouse	Port Macquarie	Almost certain	Minor	High	3D	223; 387
663	Economic	Infrastructure	Taree Airport	Lansdowne	Unlikely	Major	Medium	4	408; 409
688	Economic	Tourist and Recreational	Saltwater Picnic Area	Khappinghat	Likely	Minor	Medium	4	414; 416; 417; 418; 421; 415
664	Economic	Infrastructure	Saltwater Rd Industrial Estate	Khappinghat	Likely	Minor	Medium	4	360; 410; 411; 412; 413; 414; 415; 416; 417; 418; 419
684	Economic	Infrastructure	Bucketts Way Landfill Site	Krambach	Likely	Minor	Medium	4	410; 411; 412; 413; 419; 409
659	Economic	Infrastructure	Zone Substation - Bulga	Bulga	Unlikely	Major	Medium	4	420
691	Economic	Infrastructure	Tea Gardens Waste Transfer Station	PacificPalms	Likely	Minor	Medium	4	348; 323
696	Economic	Infrastructure	Zone Substation - Krambach	Krambach	Unlikely	Major	Medium	4	420
685	Economic	Tourist and Recreational	Ellenborough Falls Kiosk	Bulga	Likely	Minor	Medium	4	421
657	Economic	Tourist and Recreational	Brushy Mountain Camp Ground	West	Likely	Minor	Medium	4	416; 417; 418; 421
650	Economic	Commercial Forest	Hoy Joint Venture Plantation	Wauchope	Likely	Minor	Medium	4	390
651	Economic	Commercial Forest	Carman Joint Venture Plantation	North	Likely	Minor	Medium	4	390
652	Economic	Commercial Forest	Maurer Joint Venture Plantation	North	Likely	Minor	Medium	4	390
653	Economic	Commercial Forest	Dawson Joint Venture Plantation	North	Likely	Minor	Medium	4	390
654	Economic	Tourist and Recreational	Plateau Beech Camp Ground	West	Likely	Minor	Medium	4	416; 417; 418; 421
656	Economic	Tourist and Recreational	Dooragan Lookout	Coast	Likely	Minor	Medium	4	414; 415; 416; 417; 418; 421
658	Economic	Tourist and Recreational	Wilson River Picnic Area	West	Likely	Minor	Medium	4	416; 417; 418; 421
683	Economic	Tourist and Recreational	Boorganna Picnic Area	West	Likely	Minor	Medium	4	421
630	Economic	Infrastructure	Tuncurry Waste Management Centre	Nabiac	Likely	Minor	Medium	4	412; 406; 407; 414; 417; 416; 418; 424
633	Economic	Tourist and Recreational	Great Lakes Sailing Club	Nabiac	Likely	Minor	Medium	4	414; 416; 417; 418; 421
634	Economic	Tourist and Recreational	The Ruins Camping Area	Nabiac	Likely	Minor	Medium	4	416; 417; 418; 421
635	Economic	Tourist and Recreational	Yagon Camp Ground	PacificPalms	Likely	Minor	Medium	4	414; 416; 417; 418; 363

	mid Godet Baen i no riich management i ian								
637	Economic	Infrastructure	Bulahdelah Waste Management Facility	PacificPalms	Likely	Minor	Medium	4	409; 417; 416
640	Economic	Infrastructure	Stroud Road Electrical Distribution Sub Station	Bunyah	Unlikely	Major	Medium	4	420
644	Economic	Infrastructure	Whoota Telecommunications Tower	PacificPalms	Likely	Minor	Medium	4	414; 416; 417; 418; 403
0	Economic	Tourist and Recreational	Coolongolook Nature Reserve	Nabiac	Likely	Minor	Medium	4	416; 421
695	Economic	Tourist and Recreational	Wallis Island Nature Reserve	Nabiac	Likely	Minor	Medium	4	416; 417; 418; 421
0	Economic	Tourist and Recreational	Bulahdelah State Conservation Area	PacificPalms	Likely	Minor	Medium	4	416; 417; 418; 421
645	Economic	Tourist and Recreational	Violet Hill Camp Ground	PacificPalms	Likely	Minor	Medium	4	414; 416; 417; 418; 421
646	Economic	Tourist and Recreational	Bungarie Bay	PacificPalms	Likely	Minor	Medium	4	414; 416; 417; 418; 421
647	Economic	Tourist and Recreational	Johnsons Beach Camping Ground	PacificPalms	Likely	Minor	Medium	4	416; 417; 418; 421
648	Economic	Tourist and Recreational	Mackaway Bay Camping Area	PacificPalms	Likely	Minor	Medium	4	416; 417; 418; 421; 411; 412; 413
649	Economic	Tourist and Recreational	Korsmans Landing Camp Ground	PacificPalms	Likely	Minor	Medium	4	414; 415; 416; 417; 418; 421; 411; 412; 413
679	Economic	Tourist and Recreational	The Well Camping Area	PacificPalms	Likely	Minor	Medium	4	416; 417; 418; 423; 421
681	Economic	Tourist and Recreational	White Tree Bay Camping Ground	PacificPalms	Likely	Minor	Medium	4	416; 417; 418; 423; 421
682	Economic	Tourist and Recreational	Dees Corner Camp Ground	PacificPalms	Likely	Minor	Medium	4	416; 417; 418; 423; 421
655	Economic	Infrastructure	Communications Tower	PacificPalms	Unlikely	Major	Medium	4	409
671	Economic	Tourist and Recreational	Bretti Camping Area	Curricabark	Likely	Minor	Medium	4	421
676	Economic	Tourist and Recreational	Gloryvale Camping Ground	Curricabark	Likely	Minor	Medium	4	421
638	Economic	Infrastructure	Rookhurst Telephone Exchange	Gloucester River	Unlikely	Major	Medium	4	360
631	Economic	Infrastructure	Gloucester Mobile Phone Tower	Waukivory	Unlikely	Major	Medium	4	360
639	Economic	Infrastructure	Berrico Telephone Exchange	Gloucester River	Unlikely	Major	Medium	4	360
632	Economic	Infrastructure	Kia Ora Radio/TV Tower	Waukivory	Unlikely	Major	Medium	4	360
686	Economic	Tourist and Recreational	Potoroo Falls Picnic Area	Bulga	Likely	Minor	Medium	4	403; 410; 411; 412; 413; 416; 417; 418; 421
670	Economic	Infrastructure	Upper Avon Rd - Bridge	Waukivory	Likely	Minor	Medium	4	410; 411; 412; 413; 414; 416; 417; 418; 409
641	Economic	Tourist and Recreational	Gloucester River Camping/Picnic Area	Gloucester River	Possible	Moderate	Medium	4	414; 415; 416; 417; 418; 421
675	Economic	Mines	Barrington Lime Mine	Waukivory	Likely	Minor	Medium	4	421
672	Economic	Tourist and Recreational	Junction Pools Camping Area	Gloucester River	Likely	Minor	Medium	4	416; 417; 418; 423; 421

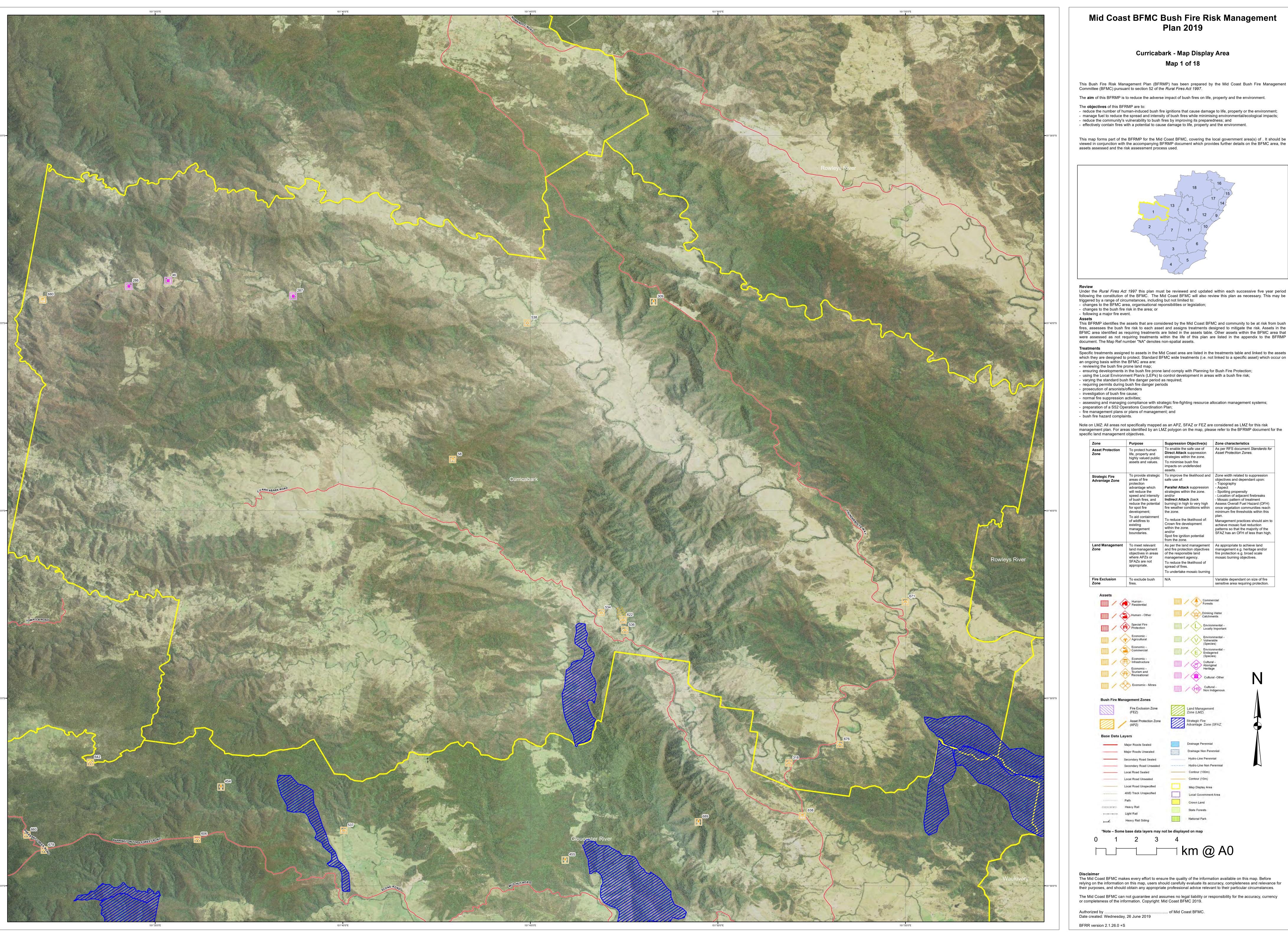
677	Economic	Infrastructure	Phytophthora Wash Down Station	Gloucester River	Likely	Minor	Medium	4	415; 416; 417; 418
643	Economic	Infrastructure	Little Murray Depot	Gloucester River	Likely	Minor	Medium	4	415; 416; 417; 418
673	Economic	Tourist and Recreational	Little Murray Camping Area	Gloucester River	Likely	Minor	Medium	4	416; 417; 418; 423; 411; 412; 413; 421
662	Economic	Tourist and Recreational	Wombat Creek Camping Area	Gloucester River	Likely	Minor	Medium	4	417; 416; 418; 421
687	Economic	Tourist and Recreational	Abbey Creek picnic area	Crowdy Bay	Likely	Minor	Medium	4	416; 417; 418; 421
674	Economic	Tourist and Recreational	Devils Hole Picnic Area	Gloucester River	Likely	Minor	Medium	4	414; 416; 417; 418; 423; 411; 412; 413; 421
678	Economic	Tourist and Recreational	Honeysuckle Picnic Area	Gloucester River	Likely	Minor	Medium	4	411; 412; 413; 414; 416; 417; 418; 421; 423
642	Economic	Tourist and Recreational	Gummi Picnic Area	Gloucester River	Likely	Minor	Medium	4	416; 417; 418; 411; 412; 413; 421
680	Economic	Infrastructure	Rock Glen Depot	Curricabark	Likely	Minor	Medium	4	415; 416; 417; 418; 411; 412; 413
636	Economic	Infrastructure	Waukivory Telstra Exchange	Waukivory	Unlikely	Major	Medium	4	360
689	Economic	Commercial Forest	Coneac State Forest	Gloucester River	Likely	Minor	Medium	4	404; 405
665	Economic	Tourist and Recreational	Kylies Beach Campground	Crowdy Bay	Likely	Minor	Medium	4	414; 415; 416; 417; 418
666	Economic	Tourist and Recreational	Indian Head Campground	Crowdy Bay	Likely	Minor	Medium	4	414; 415; 416; 417; 418
667	Economic	Tourist and Recreational	Crowdy Gap Campground	Crowdy Bay	Likely	Minor	Medium	4	415; 416; 417; 418; 421
668	Economic	Tourist and Recreational	Pilot Station Complex	Coast	Likely	Minor	Medium	4	414; 415; 416; 417; 418; 422; 421
660	Economic	Tourist and Recreational	Dilgry Camp Ground	Gloucester River	Likely	Minor	Medium	4	414; 416; 417; 418; 411; 412; 413; 421
661	Economic	Tourist and Recreational	Manning River Camping Area	Gloucester River	Likely	Minor	Medium	4	416; 417; 418; 411; 412; 413; 421
690	Economic	Tourist and Recreational	Charlie Watt Reserve Kiosk and Amenity Block	North	Likely	Minor	Medium	4	410; 411; 412; 413; 421
692	Economic	Tourist and Recreational	Mograni Retreat	Waukivory	Possible	Moderate	Medium	4	421
693	Economic	Tourist and Recreational	Villa Medici B&B	Waukivory	Possible	Moderate	Medium	4	421
694	Economic	Infrastructure	Boral Rock Quarry	Lansdowne	Likely	Minor	Medium	4	410; 411; 412; 413; 421
669	Environment	Locally Important	Brown Myrtle Dry Rainforest	Port Macquarie	Unlikely	Major	Medium	4	419; 421

	Mid Coast Bus	sh Fire Risk M	lanagement Plan
Appendix 3 Treatment	nt Register		_

#### **Appendix 4-18 Maps**

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Map 1 of 18 – Curricabark
Map 2 of 18 – Gloucester River
Map 3 of 18 – Bunyah
Map 4 of 18 – North Arm Cove
Map 5 of 18 – Pacific Palms
Map 6 of 18 – Nabiac
Map 7 of 18 – Waukivory
Map 8 of 18 - Bulga
Map 9 of 18 – Crowdy Bay
Map 10 of 18 – Khappinghat
Map 11 of 18 – Krambach
Map 12 of 18 - Lansdowne
Map 13 of 18 - Rowleys River
Map 14 of 18 – Coast (Dubogan, Lake Cathie areas)
Map 15 of 18 – Port Macquarie
Map 16 of 18 – North
Map 17 of 18 – Wauchope
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Map 18 of 18 – West (Pappinbarra area)



#### Curricabark - Map Display Area Map 1 of 18

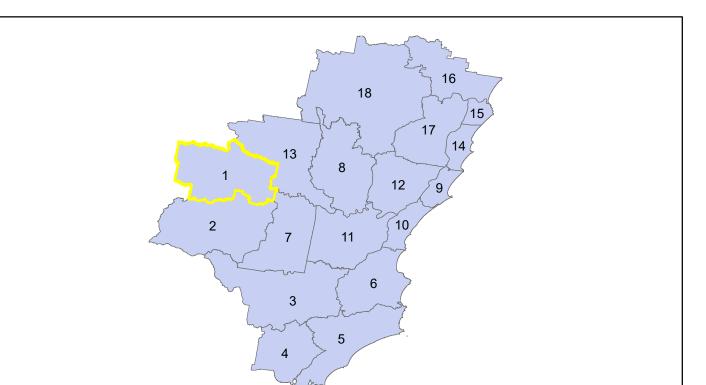
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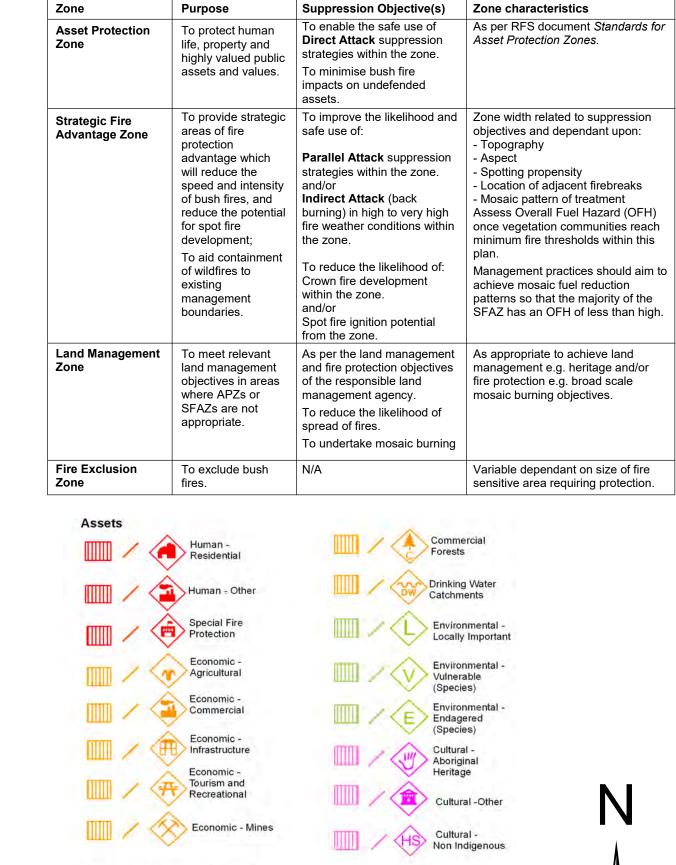
- ensuring developments in the bush fire prone land comply with Planning for Bush Fire Protection; - using the Local Environment Plan/s (LEPs) to control development in areas with a bush fire risk; - varying the standard bush fire danger period as required;

#### - prosecution of arsonists/offenders - investigation of bush fire cause;

- normal fire suppression activities;

- assessing and managing compliance with strategic fire-fighting resource allocation management systems; - preparation of a S52 Operations Coordination Plan; - fire management plans or plans of management; and - bush fire hazard complaints.

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Drainage Non Perennial Hydro-Line Perennial ---- Hydro-Line Non Perennial Secondary Road Unsealed Local Road Sealed Contour (100m) Local Road Unsealed Contour (10m) Local Road Unspecified

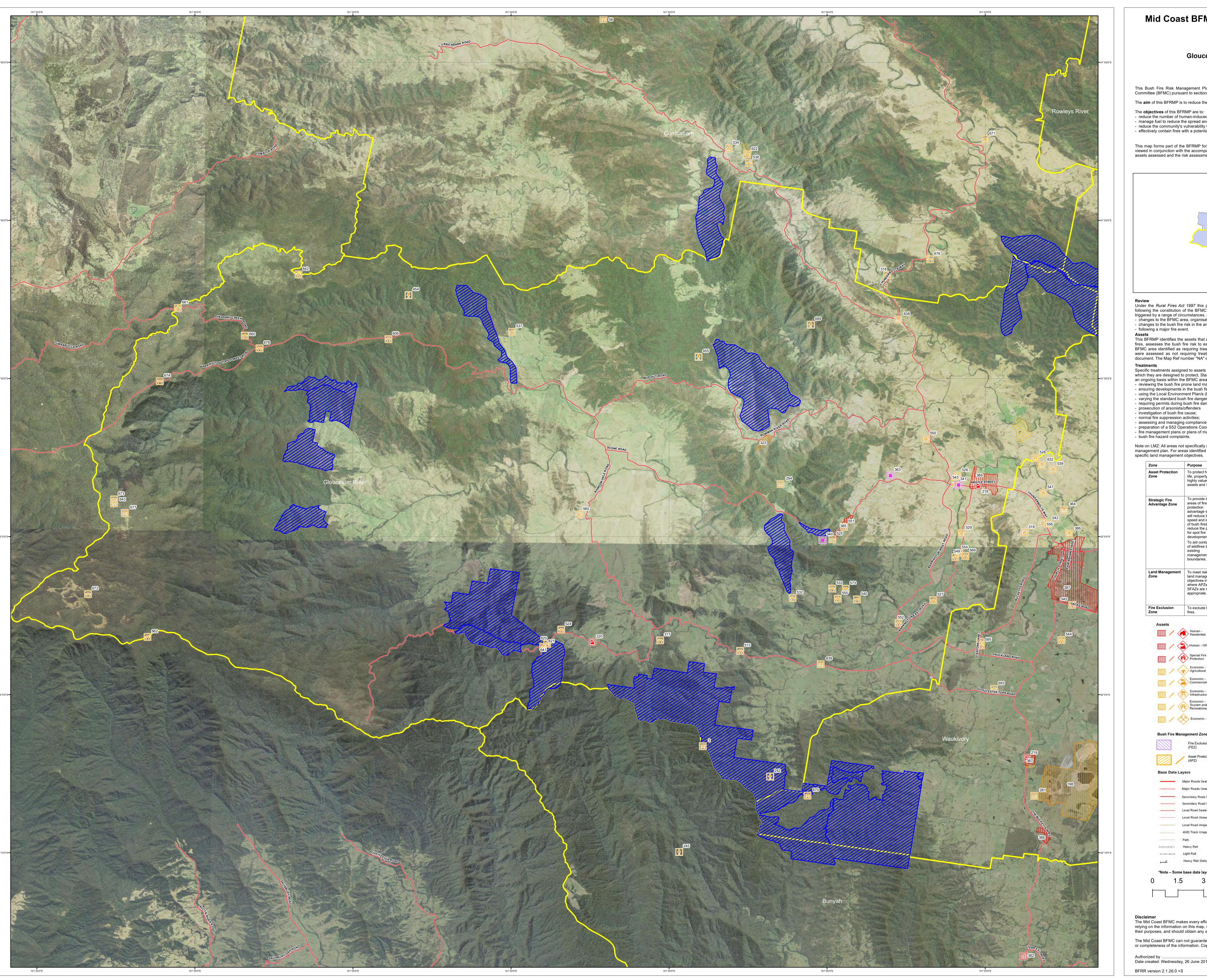
Local Government Area Heavy Rail Light Rail National Park

\*Note - Some base data layers may not be displayed on map \_\_\_\_ km @ A0

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#### Gloucester River - Map Display Area Map 2 of 18

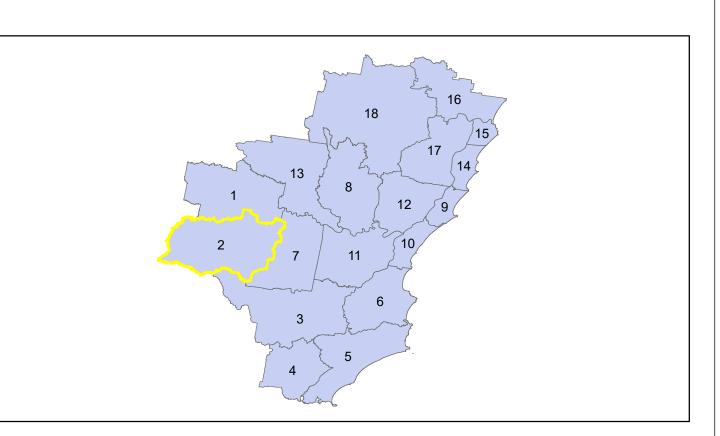
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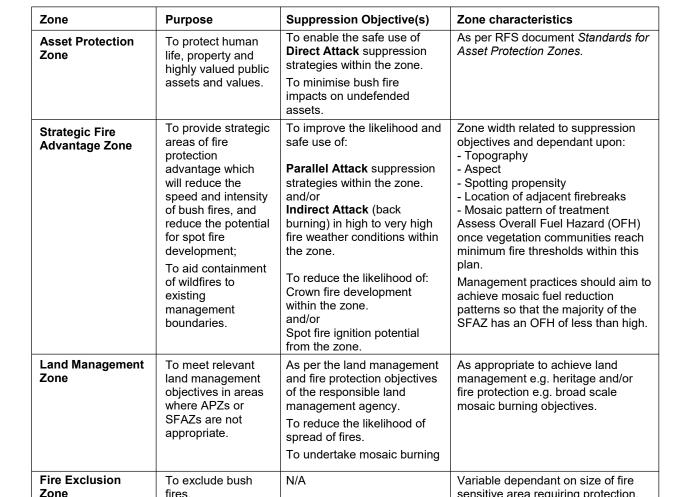
- reviewing the bush fire prone land map; - ensuring developments in the bush fire prone land comply with Planning for Bush Fire Protection; - using the Local Environment Plan/s (LEPs) to control development in areas with a bush fire risk;

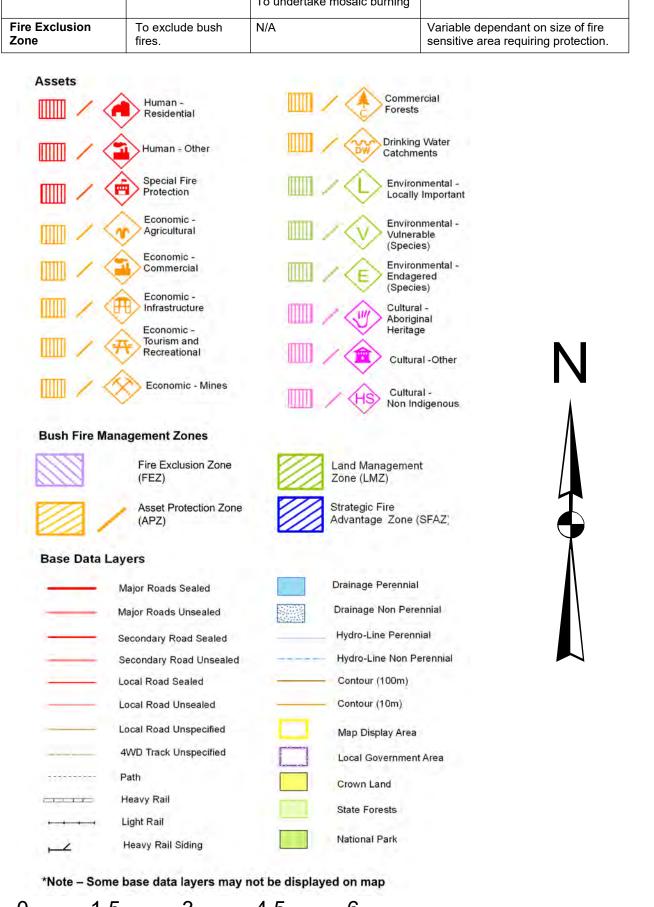
- varying the standard bush fire danger period as required; - requiring permits during bush fire danger periods - prosecution of arsonists/offenders

- investigation of bush fire cause; - normal fire suppression activities;

- assessing and managing compliance with strategic fire-fighting resource allocation management systems; - preparation of a S52 Operations Coordination Plan; - fire management plans or plans of management; and

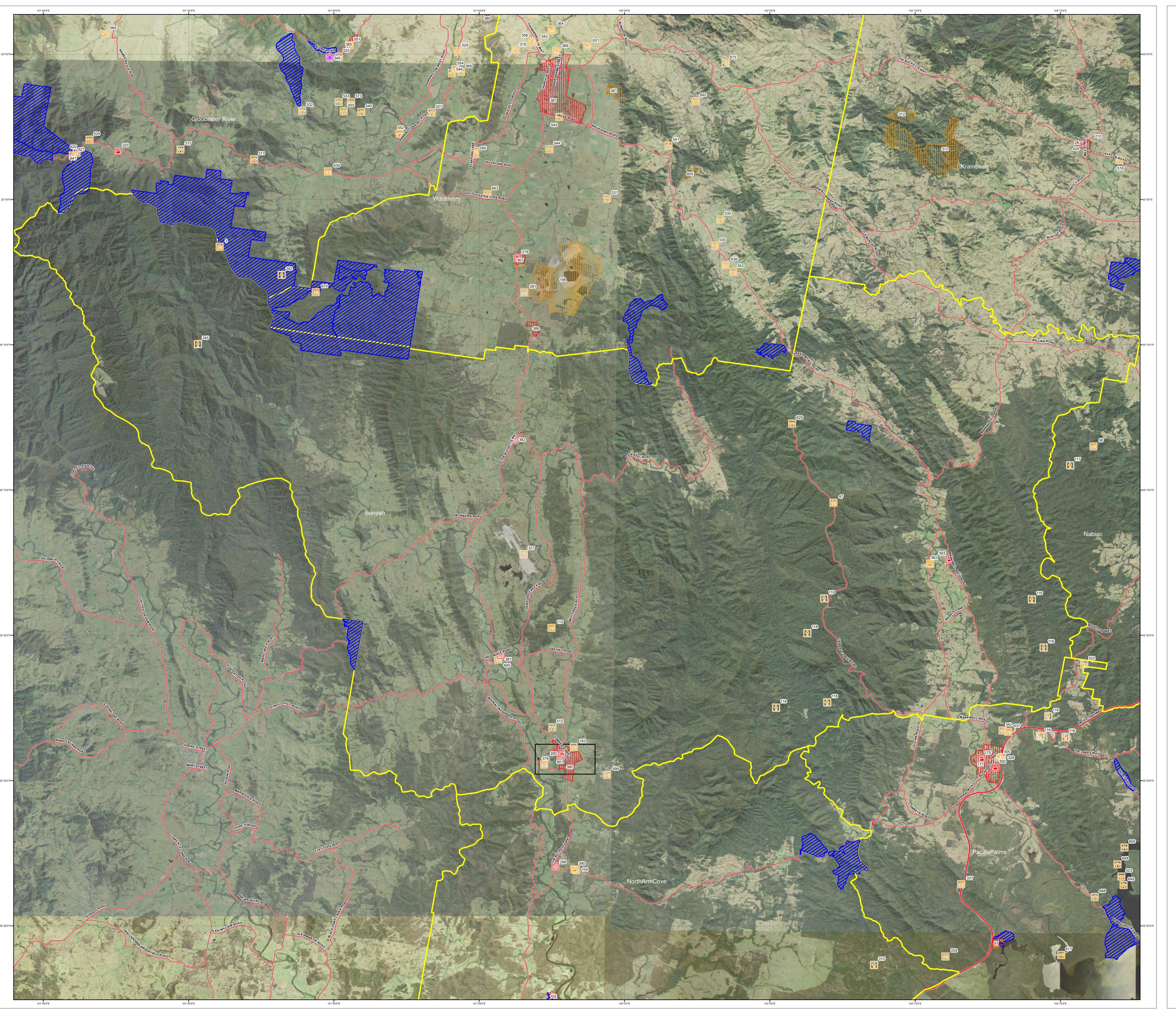
- bush fire hazard complaints. Note on LMZ: All areas not specifically mapped as an APZ, SFAZ or FEZ are considered as LMZ for this risk management plan. For areas identified by an LMZ polygon on the map, please refer to the BFRMP document for the





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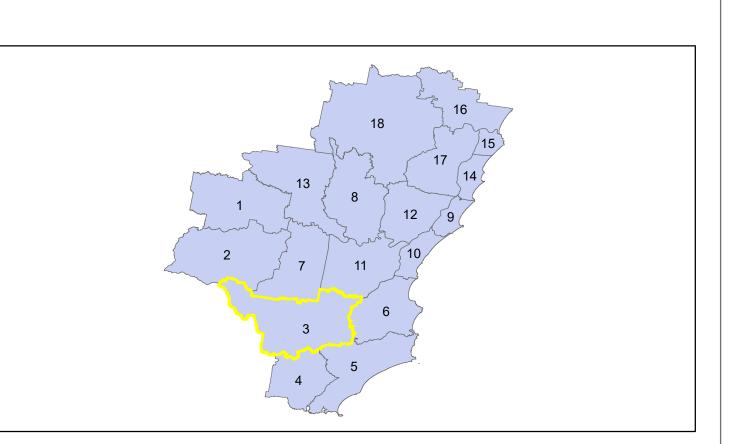
Bunyah - Map Display Area Map 3 of 18

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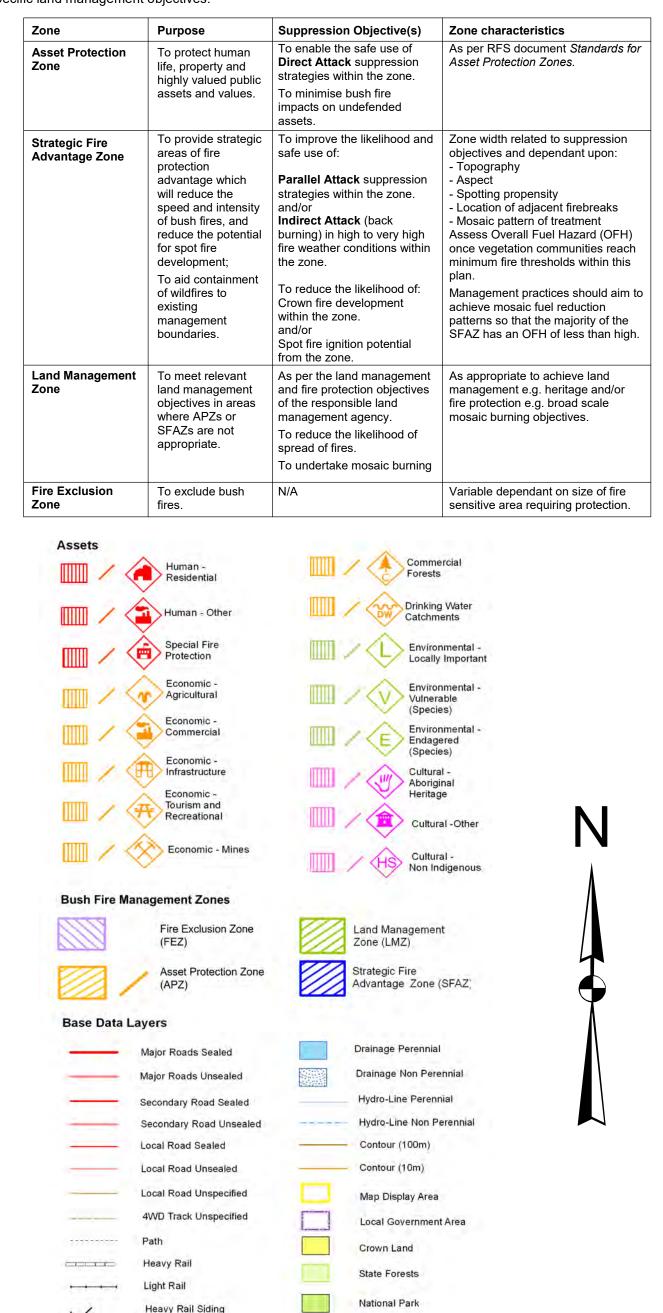
#### - prosecution of arsonists/offenders - investigation of bush fire cause;

- normal fire suppression activities; - assessing and managing compliance with strategic fire-fighting resource allocation management systems;

- requiring permits during bush fire danger periods

- preparation of a S52 Operations Coordination Plan; - fire management plans or plans of management; and - bush fire hazard complaints.

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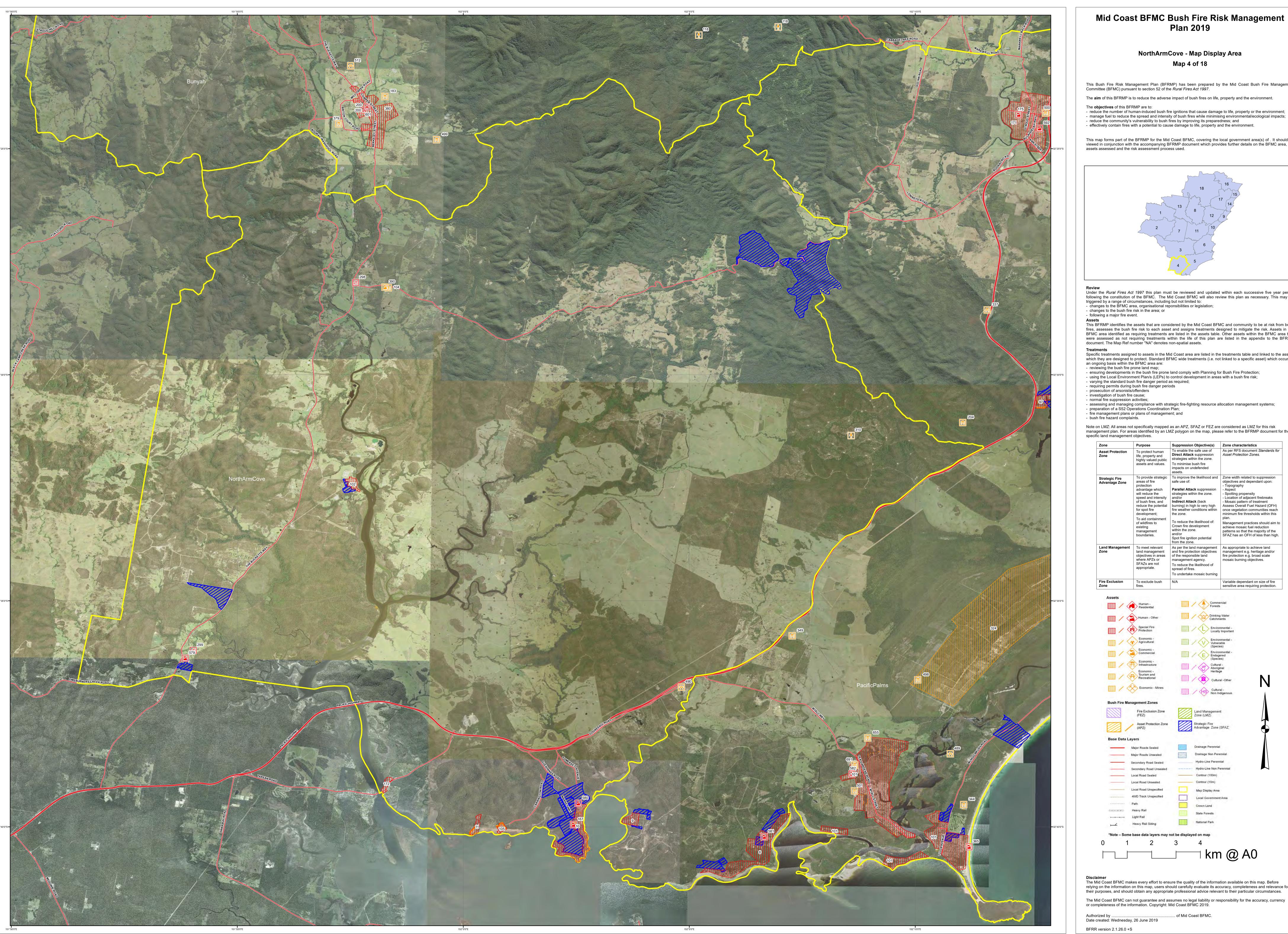
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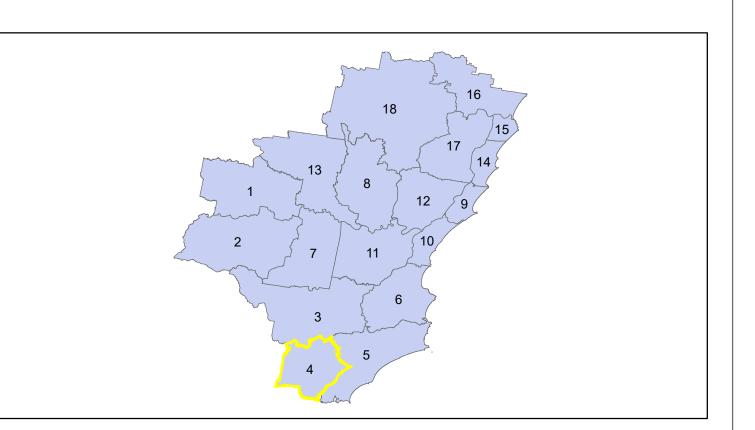
#### NorthArmCove - Map Display Area Map 4 of 18

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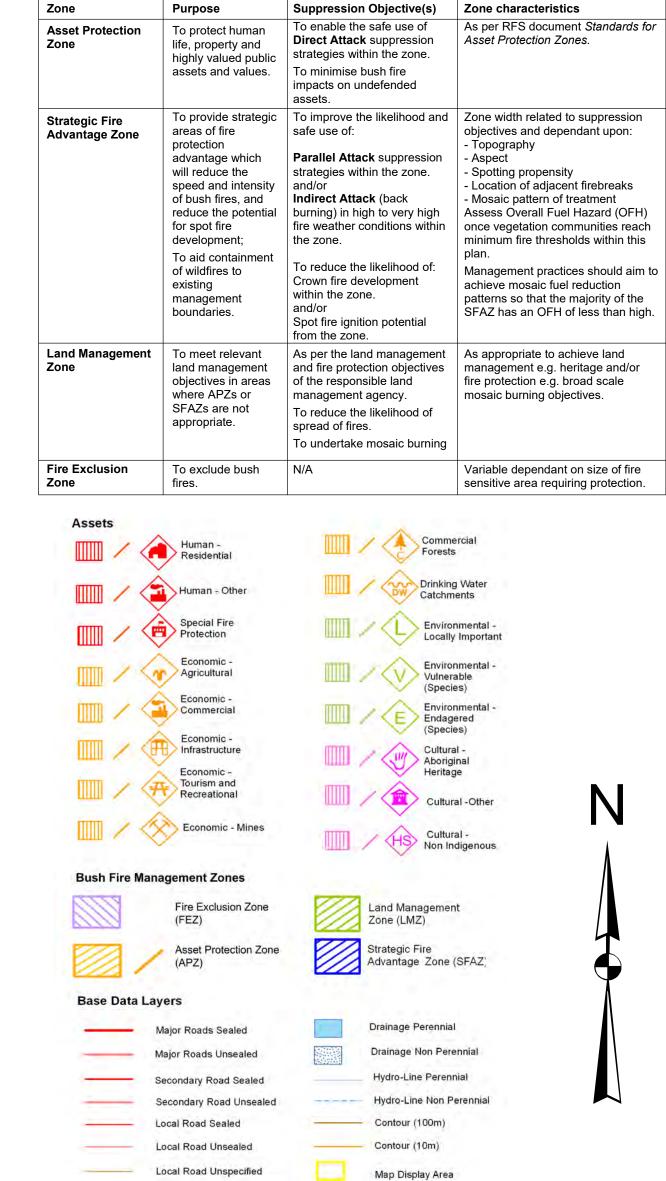
- ensuring developments in the bush fire prone land comply with Planning for Bush Fire Protection; - using the Local Environment Plan/s (LEPs) to control development in areas with a bush fire risk; - varying the standard bush fire danger period as required;

- requiring permits during bush fire danger periods - prosecution of arsonists/offenders - investigation of bush fire cause;

- normal fire suppression activities;

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Heavy Rail Light Rail



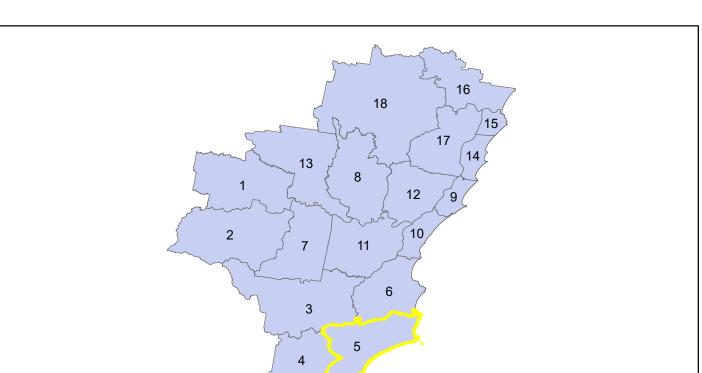
### PacificPalms - Map Display Area Map 5 of 18

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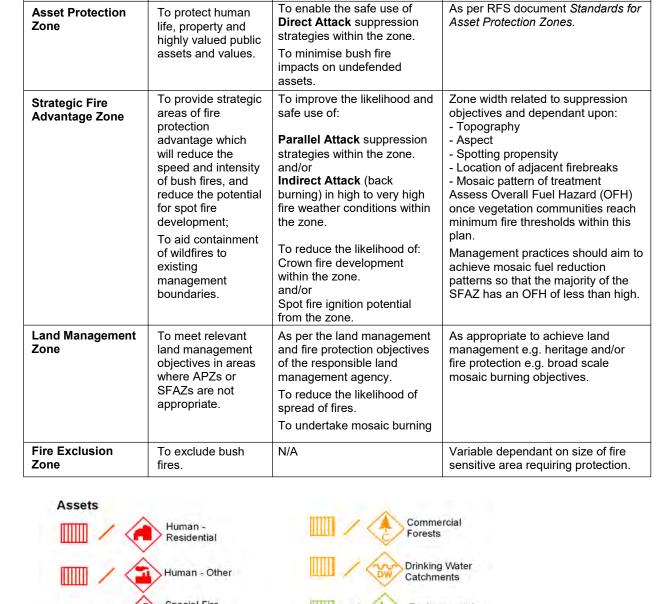
#### - investigation of bush fire cause; - normal fire suppression activities;

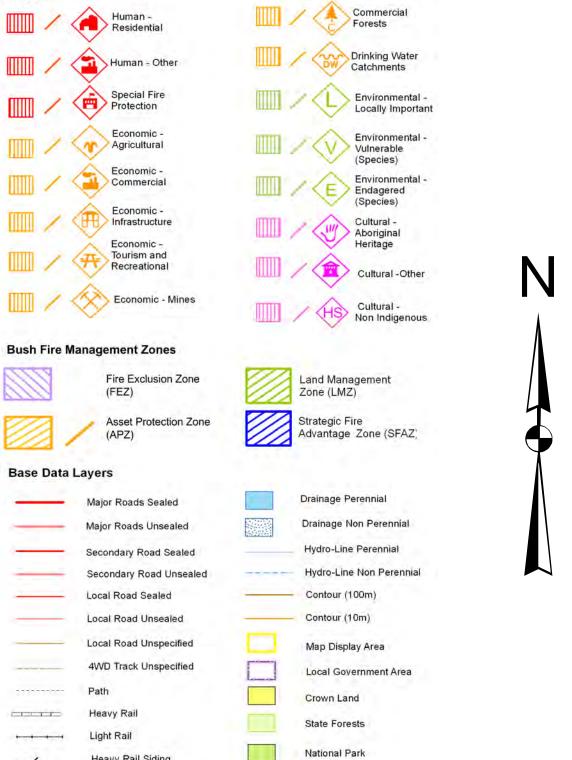
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Suppression Objective(s) Zone characteristics





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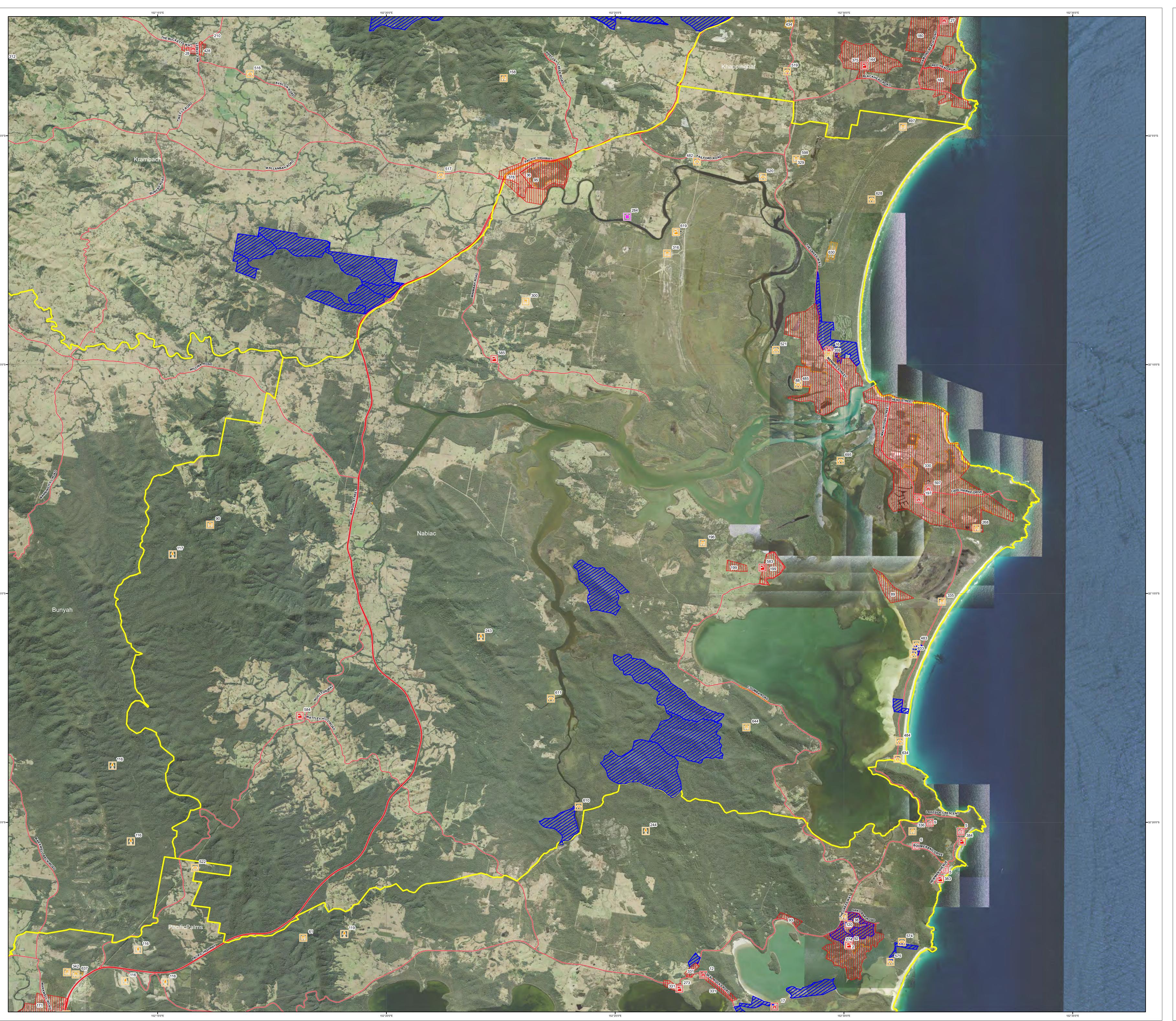
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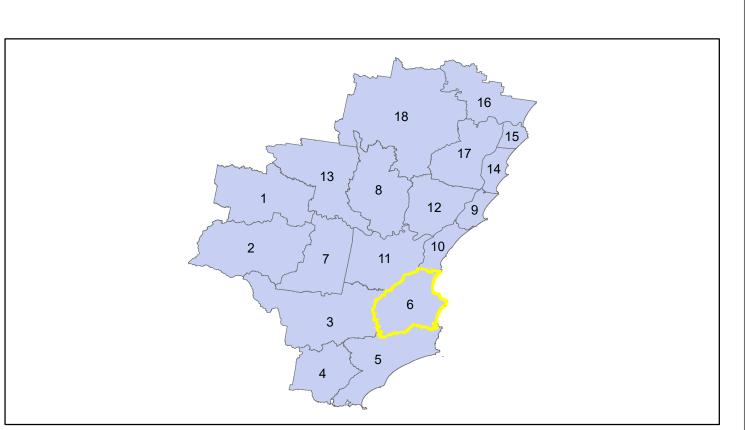
#### Nabiac - Map Display Area Map 6 of 18

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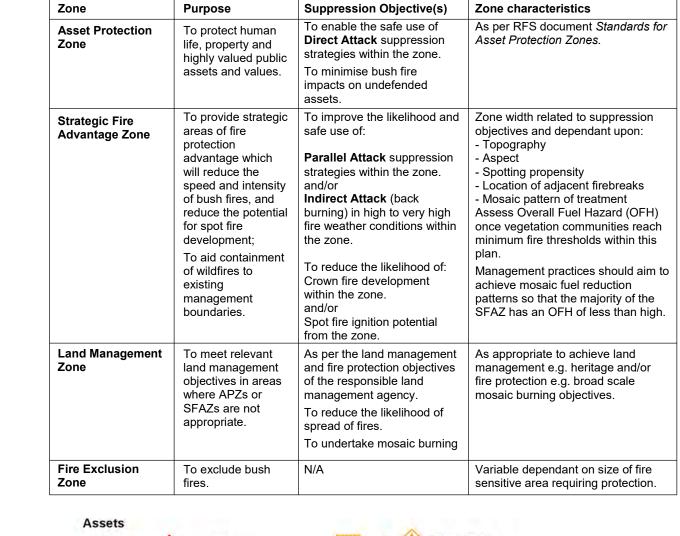
- prosecution of arsonists/offenders - investigation of bush fire cause;

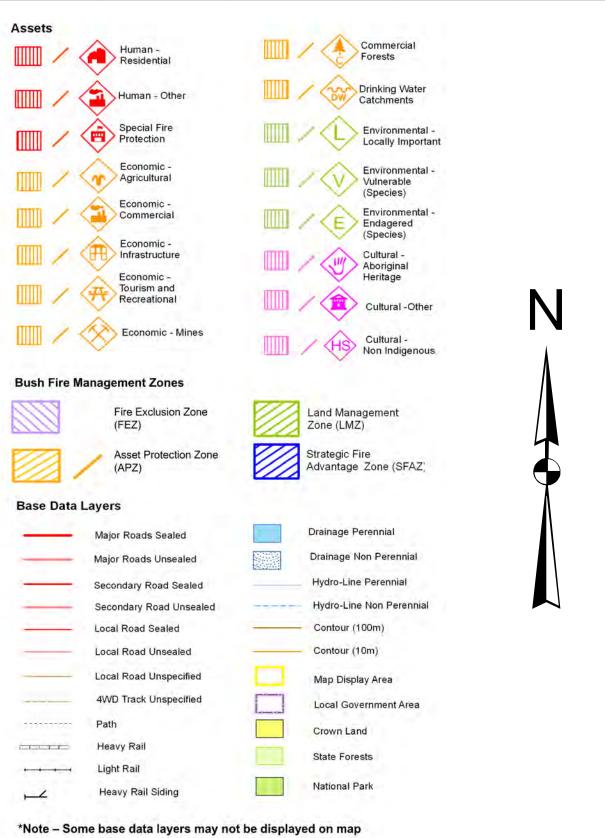
- requiring permits during bush fire danger periods

- normal fire suppression activities;

- assessing and managing compliance with strategic fire-fighting resource allocation management systems; - preparation of a S52 Operations Coordination Plan; - fire management plans or plans of management; and - bush fire hazard complaints.

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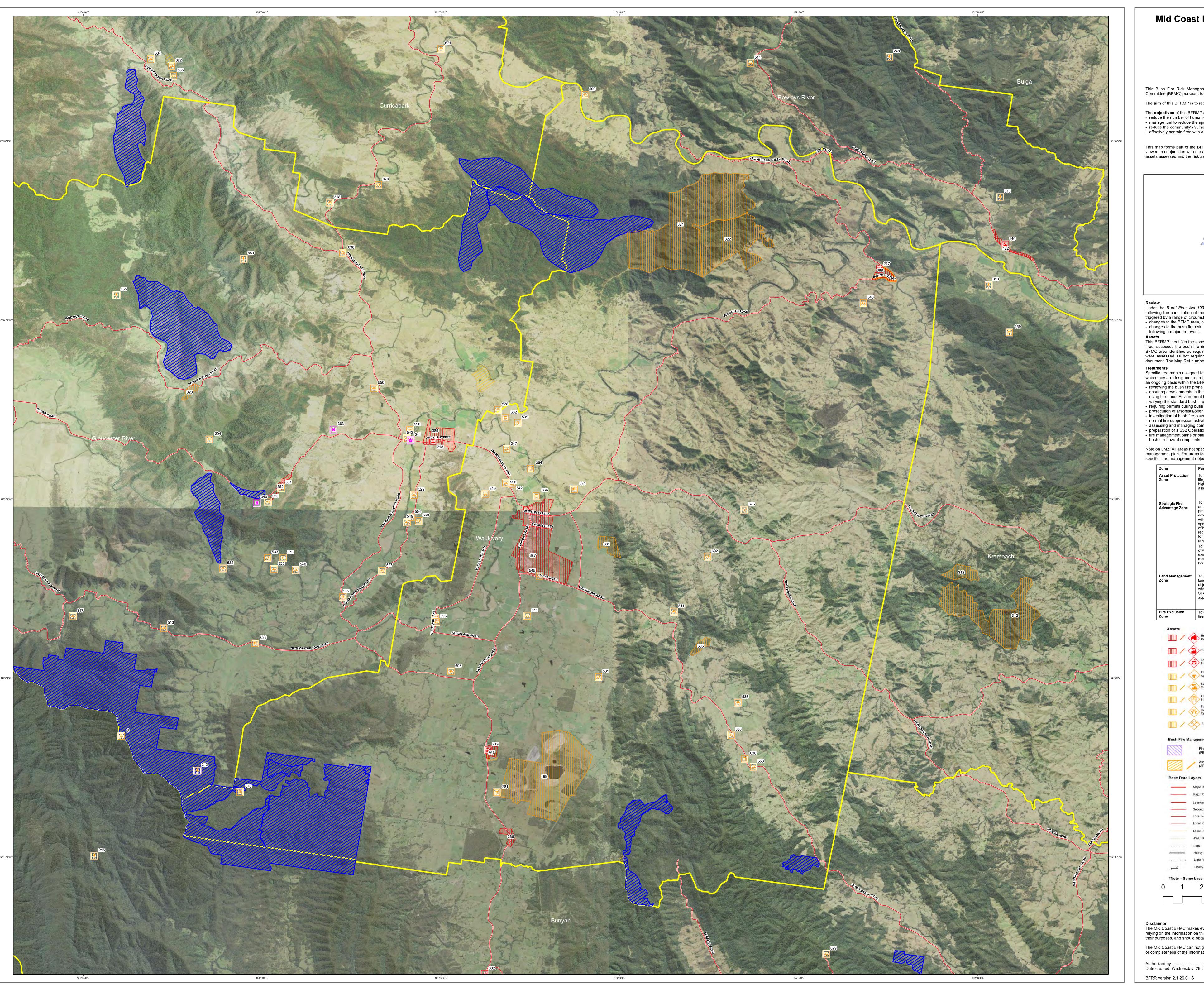
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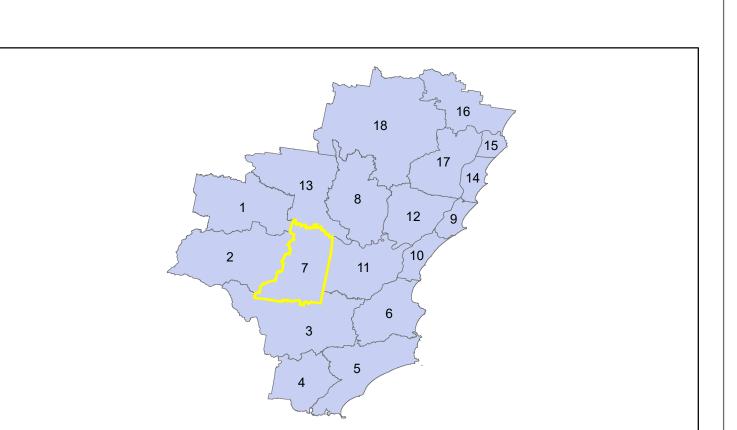
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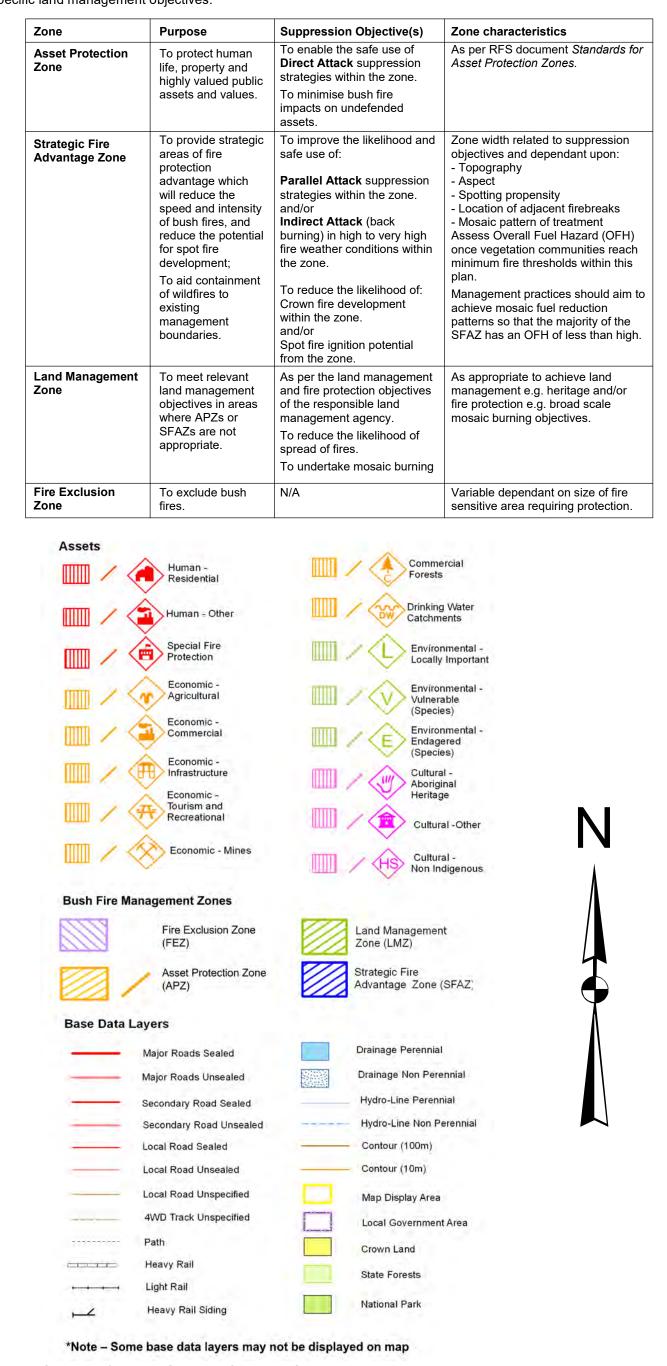
- ensuring developments in the bush fire prone land comply with Planning for Bush Fire Protection; - using the Local Environment Plan/s (LEPs) to control development in areas with a bush fire risk; - varying the standard bush fire danger period as required;

- requiring permits during bush fire danger periods - prosecution of arsonists/offenders - investigation of bush fire cause;

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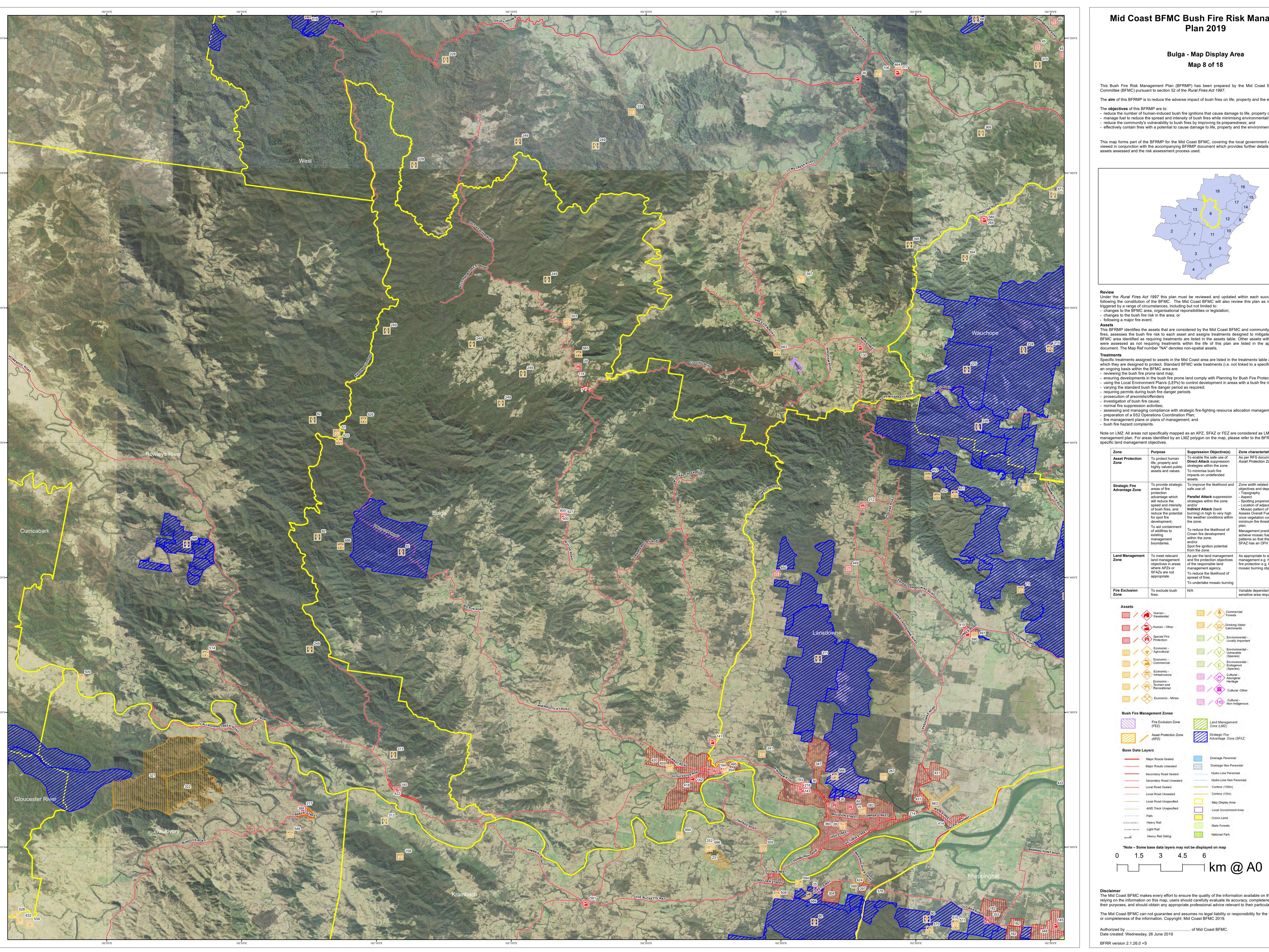
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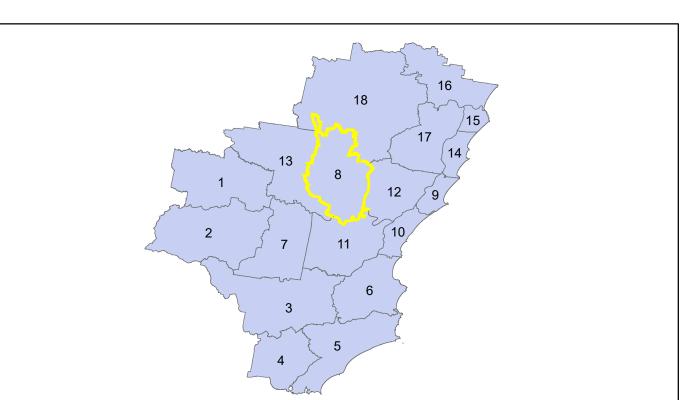
Bulga - Map Display Area Map 8 of 18

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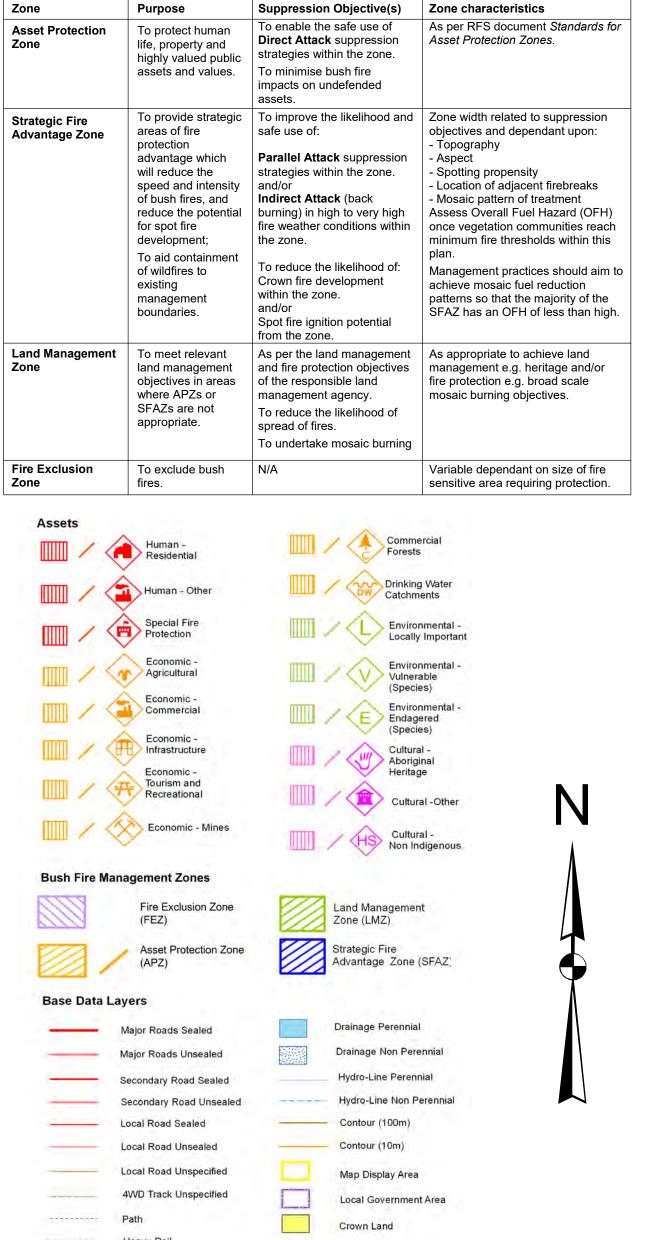
- reviewing the bush fire prone land map; - ensuring developments in the bush fire prone land comply with Planning for Bush Fire Protection; - using the Local Environment Plan/s (LEPs) to control development in areas with a bush fire risk; - varying the standard bush fire danger period as required;

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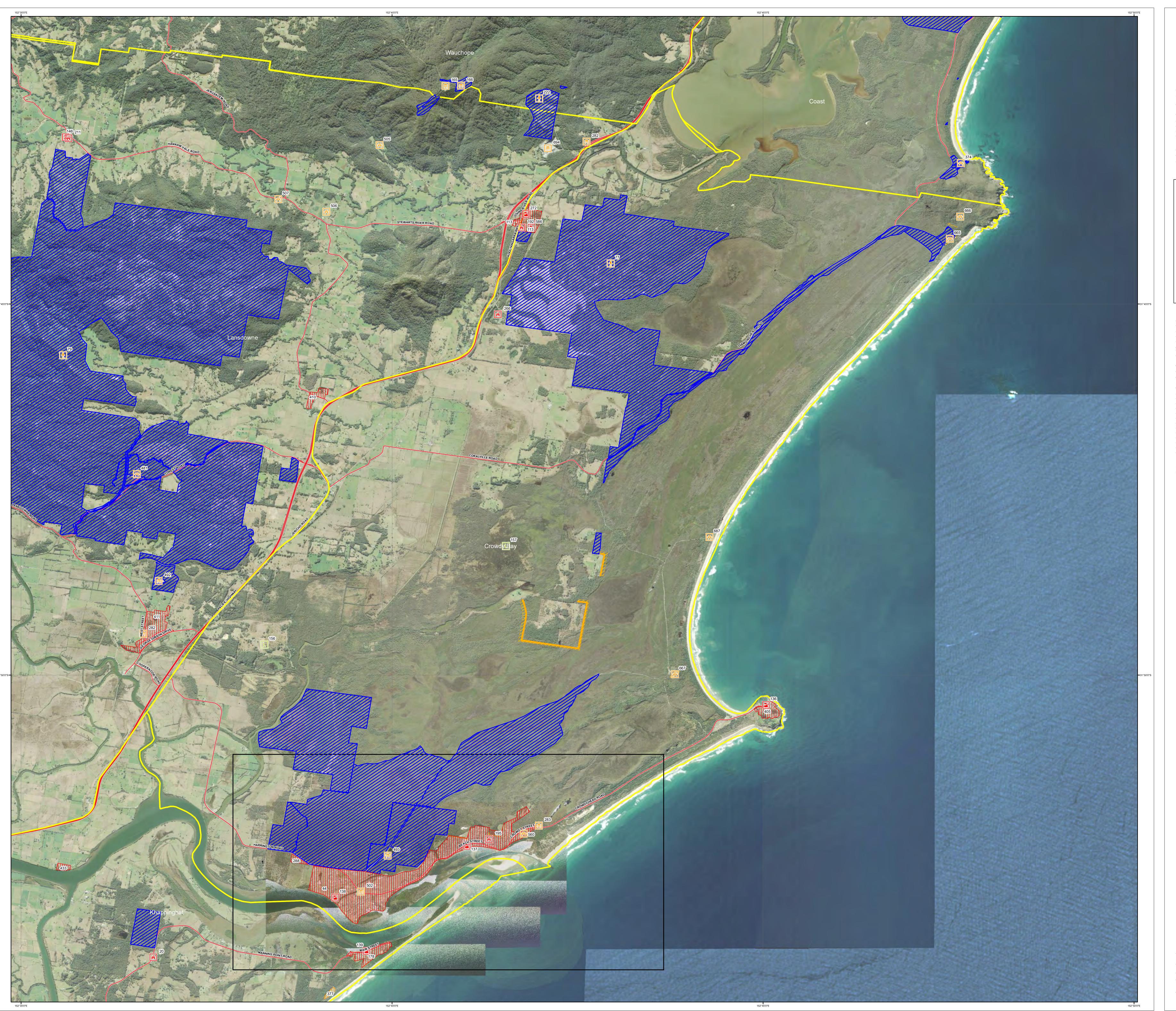
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#### Crowdy Bay - Map Display Area Map 9 of 18

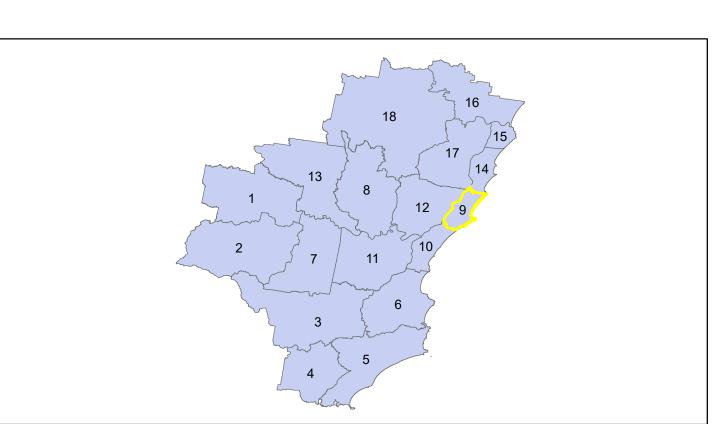
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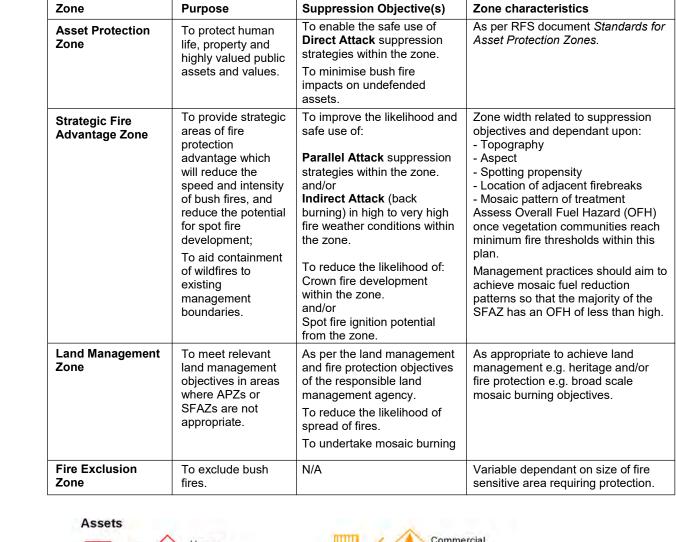
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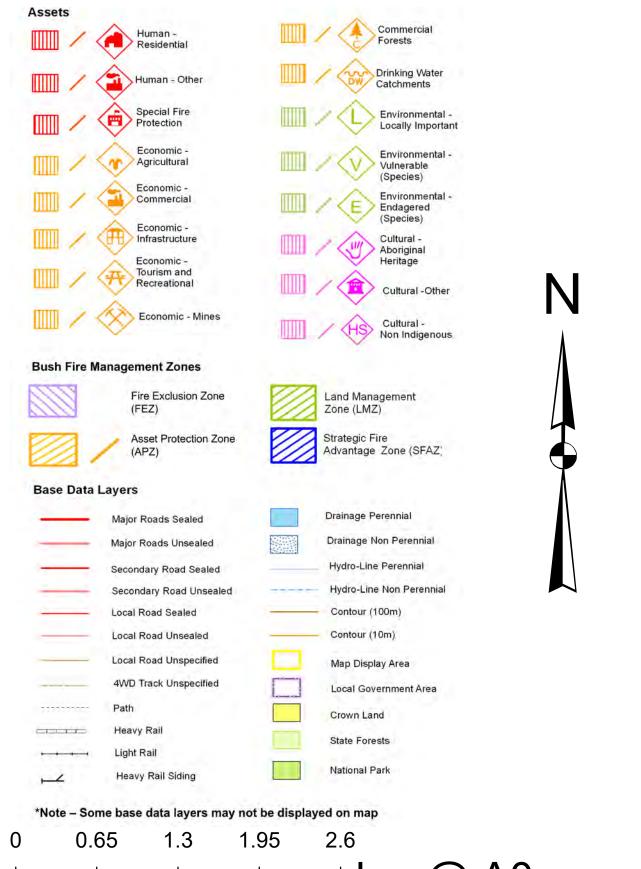
- requiring permits during bush fire danger periods - prosecution of arsonists/offenders - investigation of bush fire cause;

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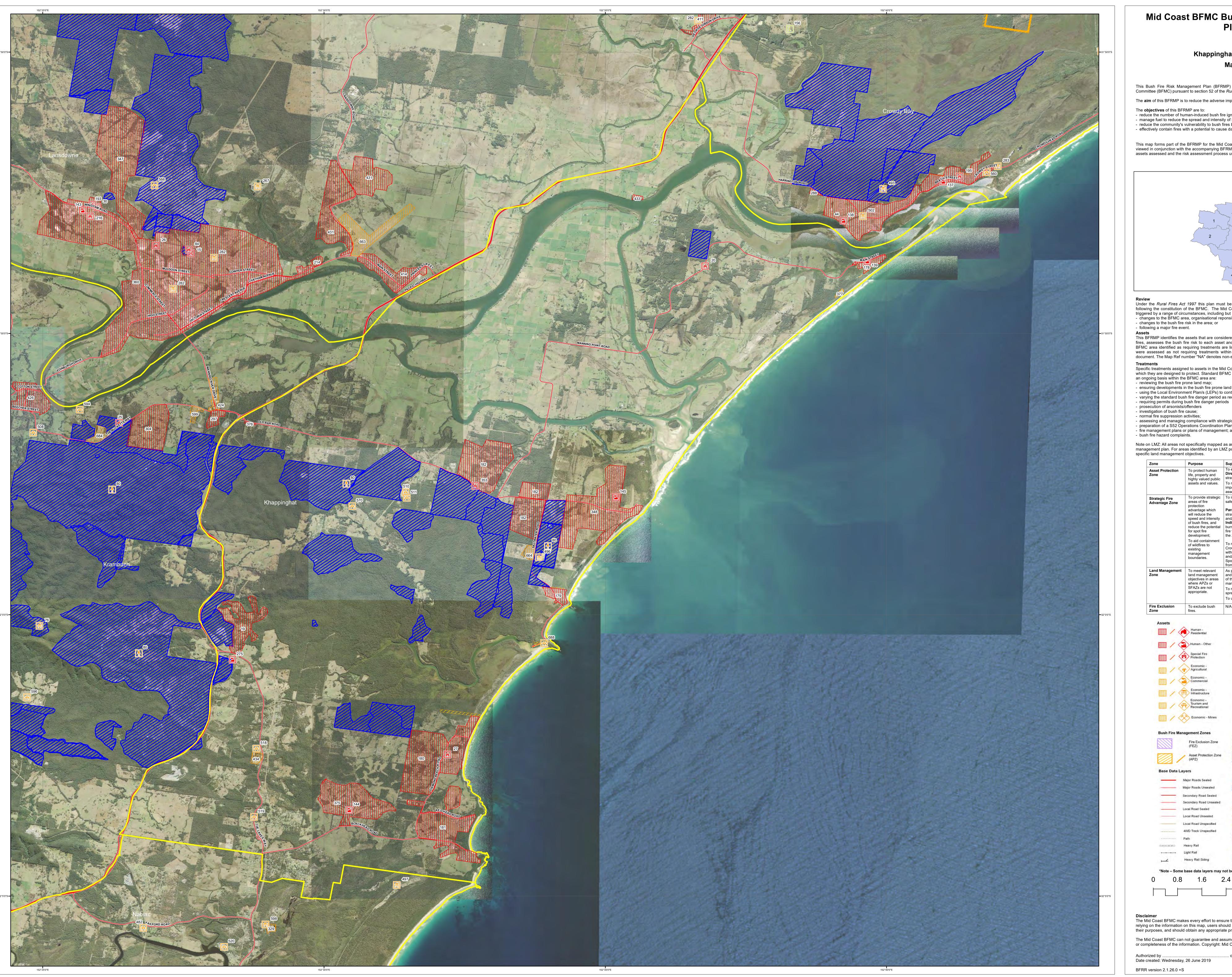
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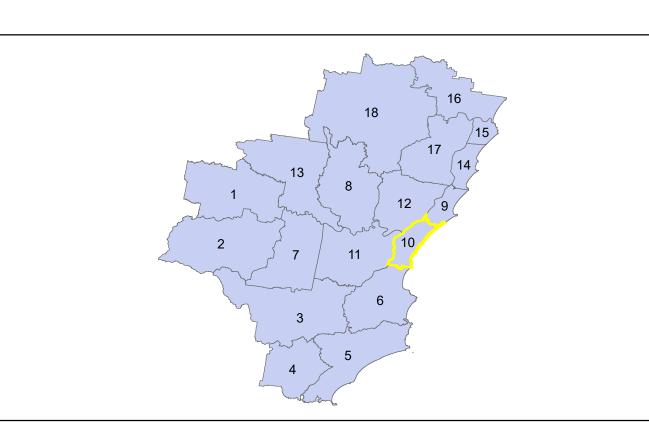
### Khappinghat - Map Display Area Map 10 of 18

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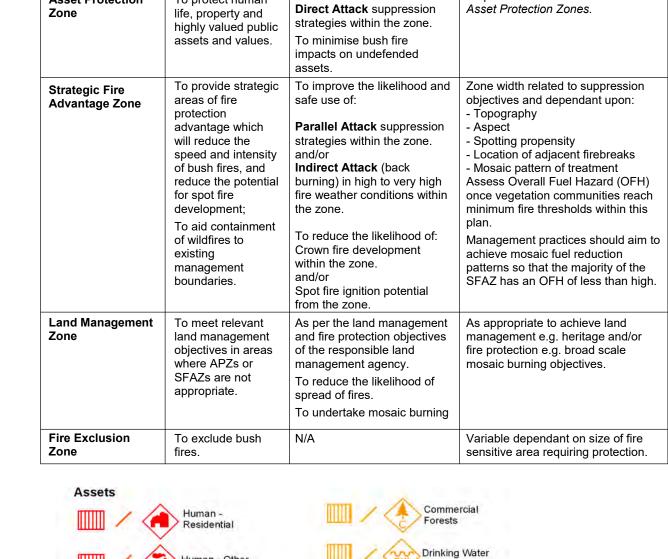
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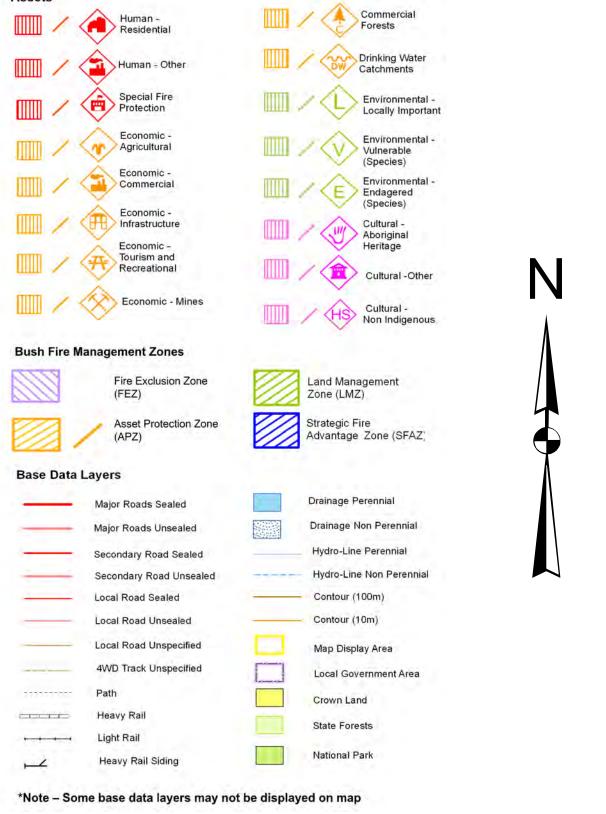
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Suppression Objective(s) Zone characteristics

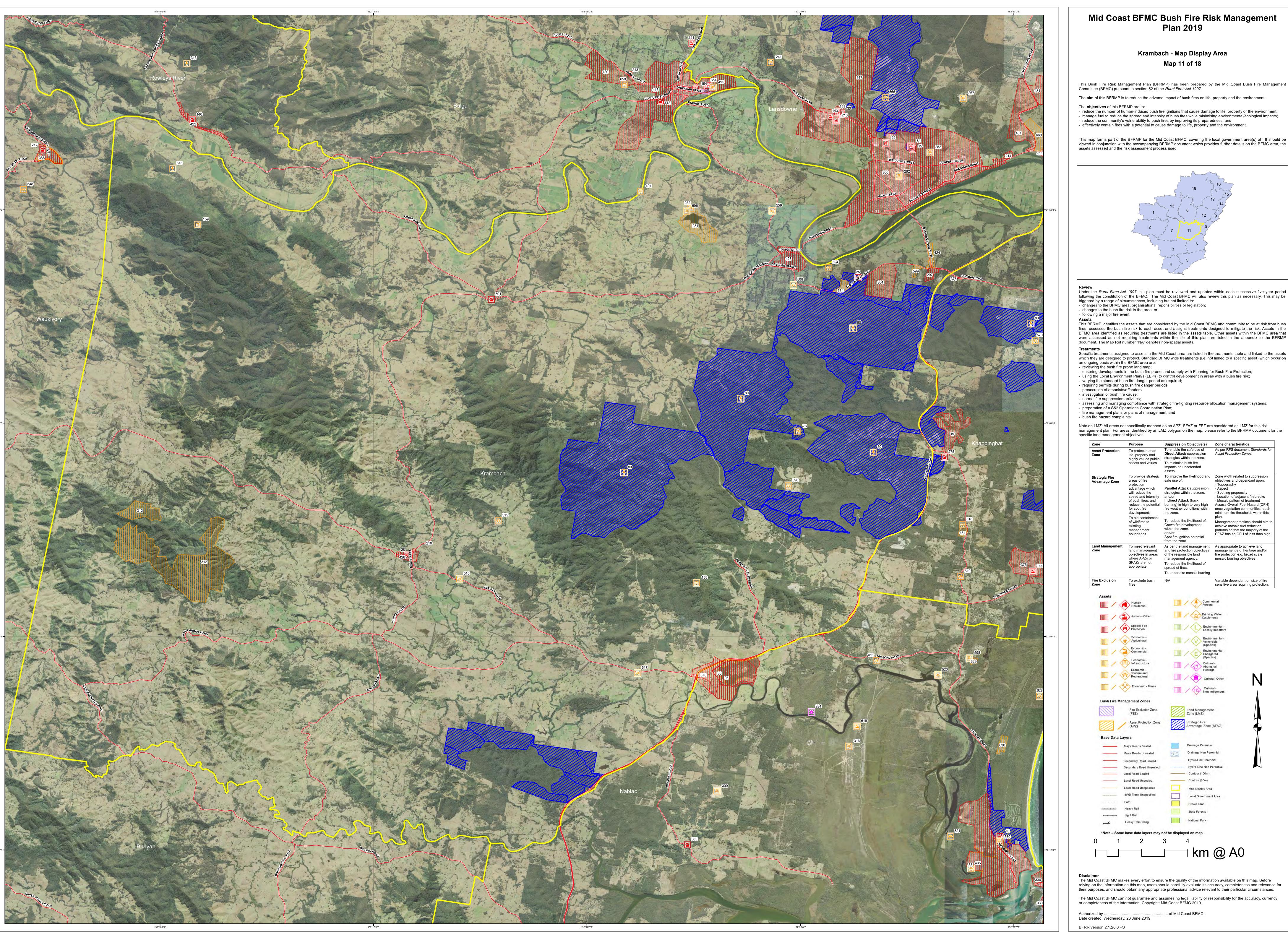
To enable the safe use of As per RFS document Standards for





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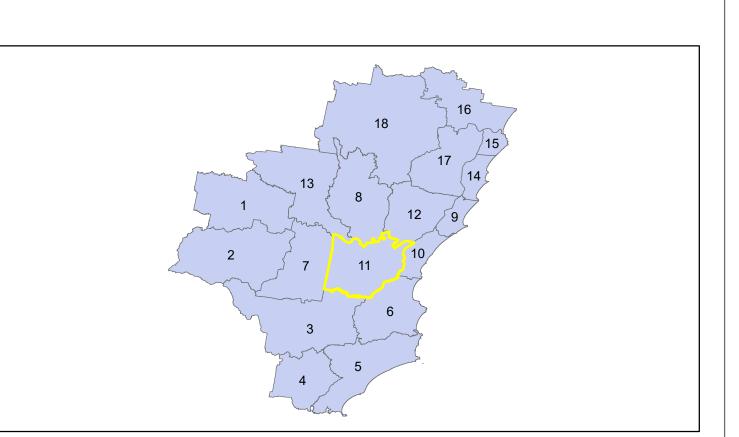
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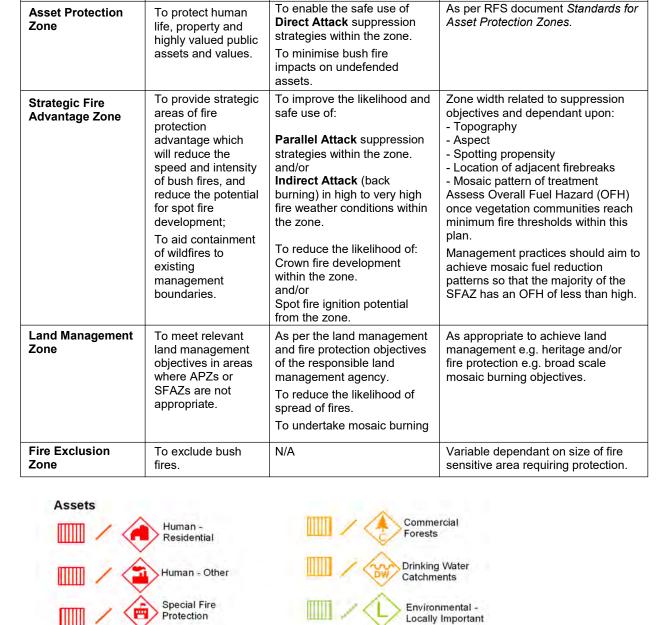
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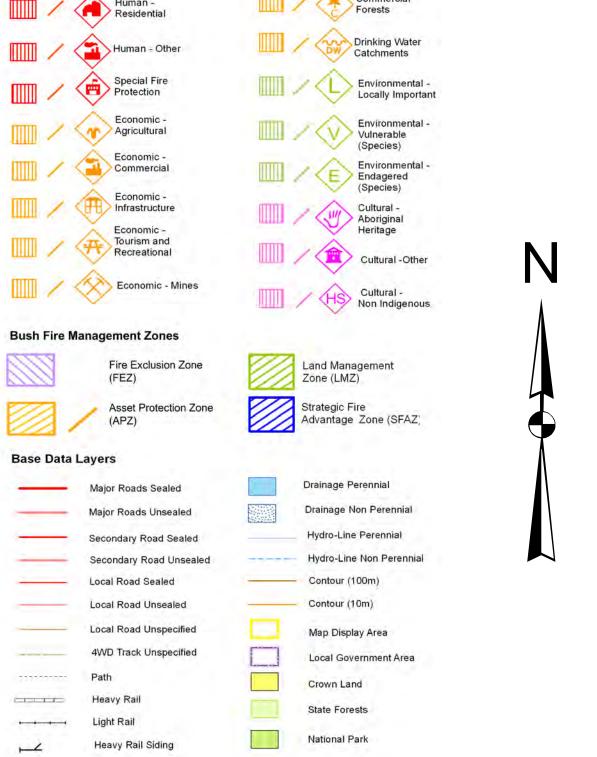
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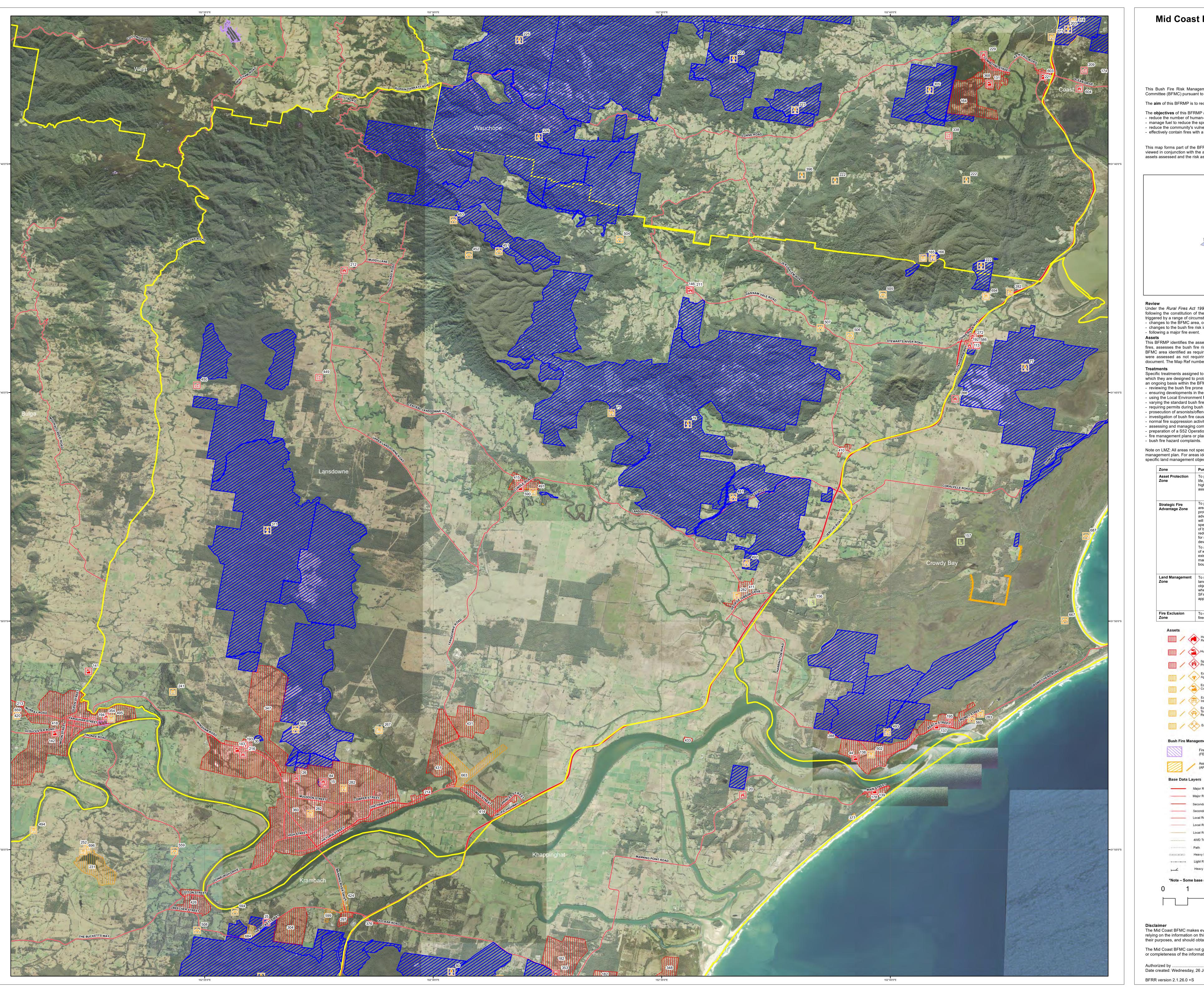




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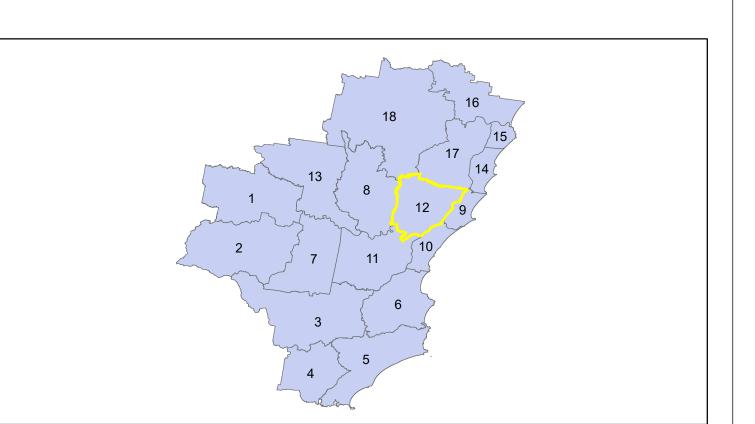
#### Lansdowne - Map Display Area Map 12 of 18

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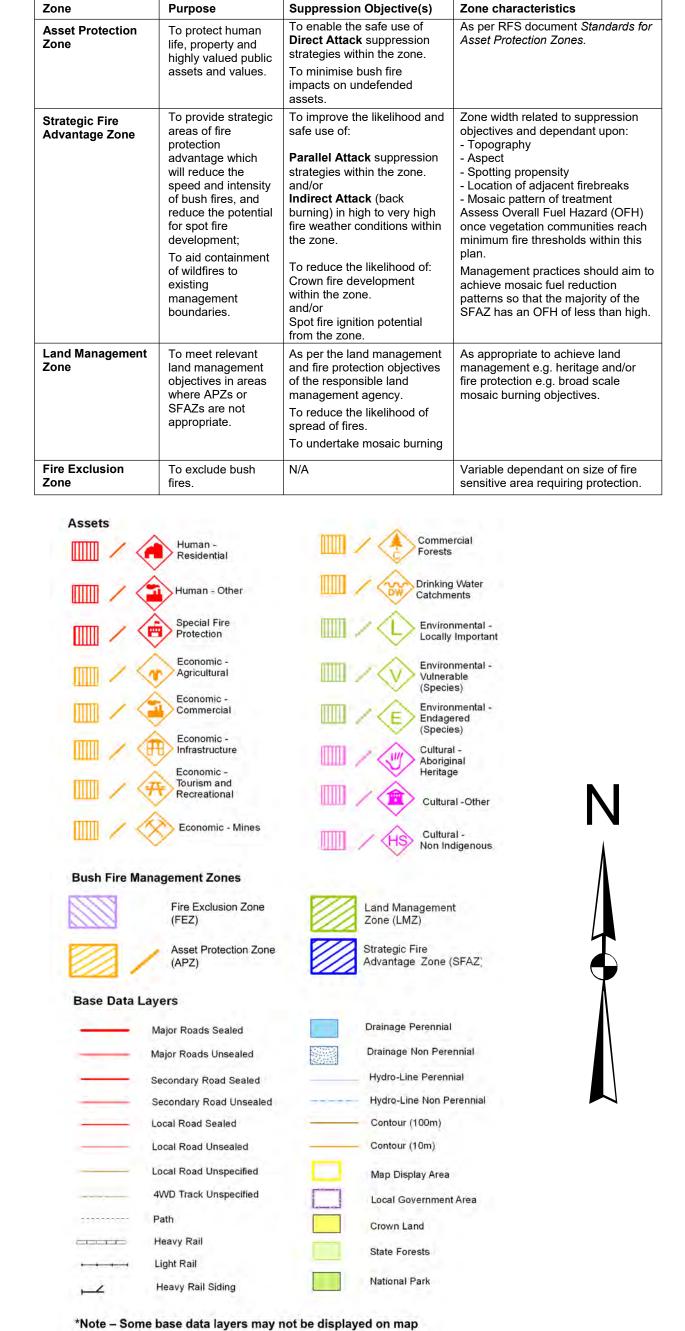
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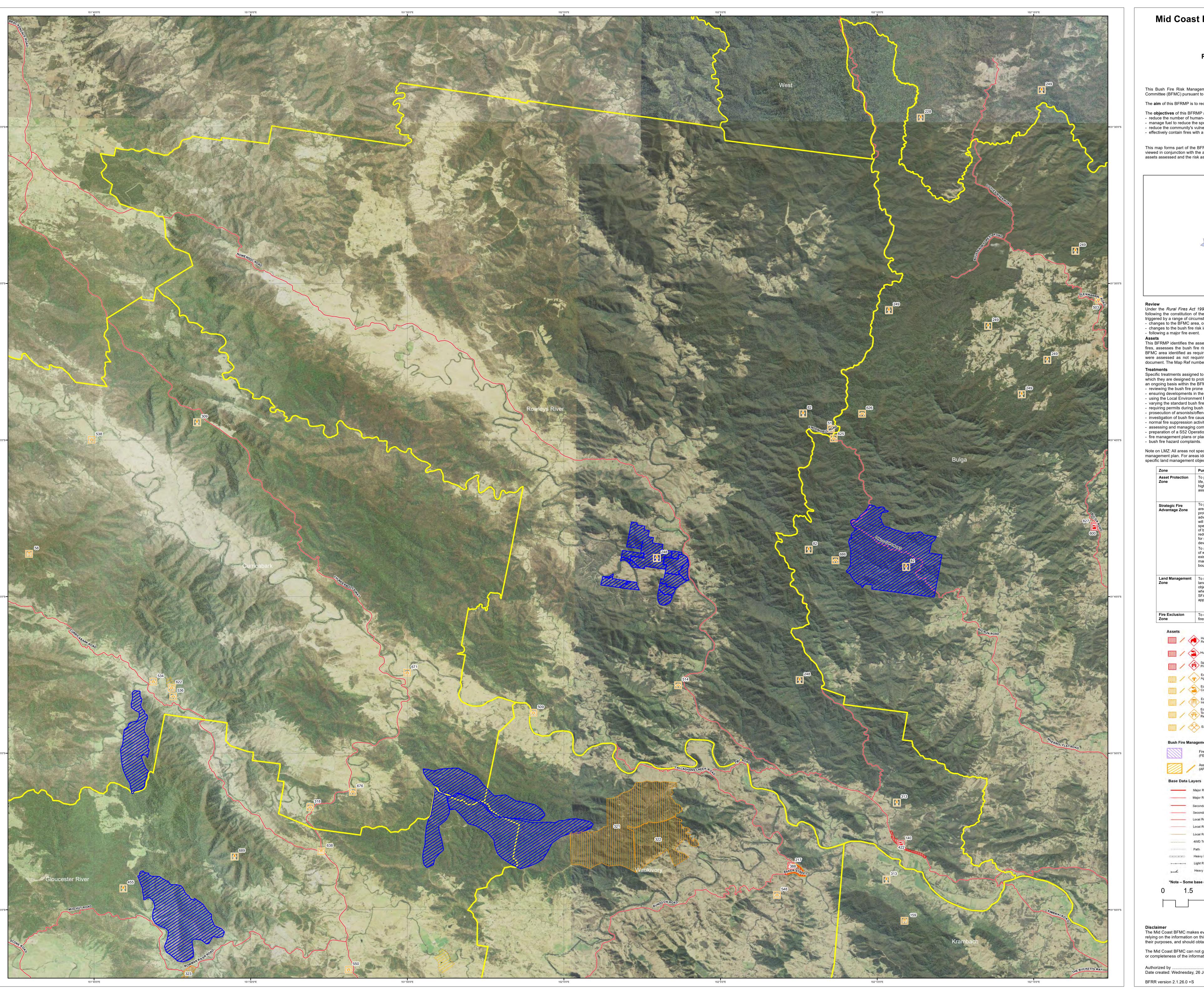
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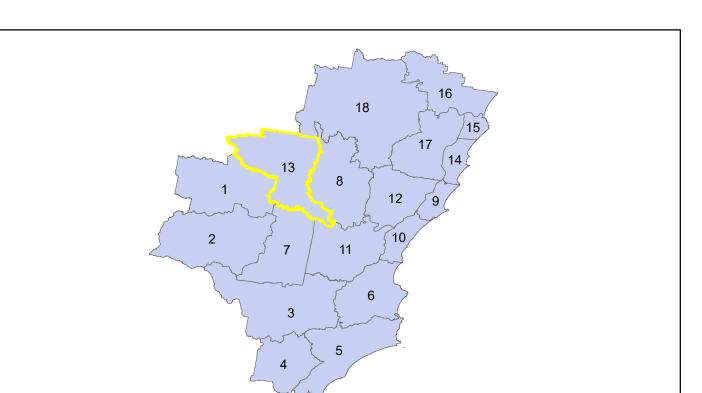
#### Rowleys River - Map Display Area Map 13 of 18

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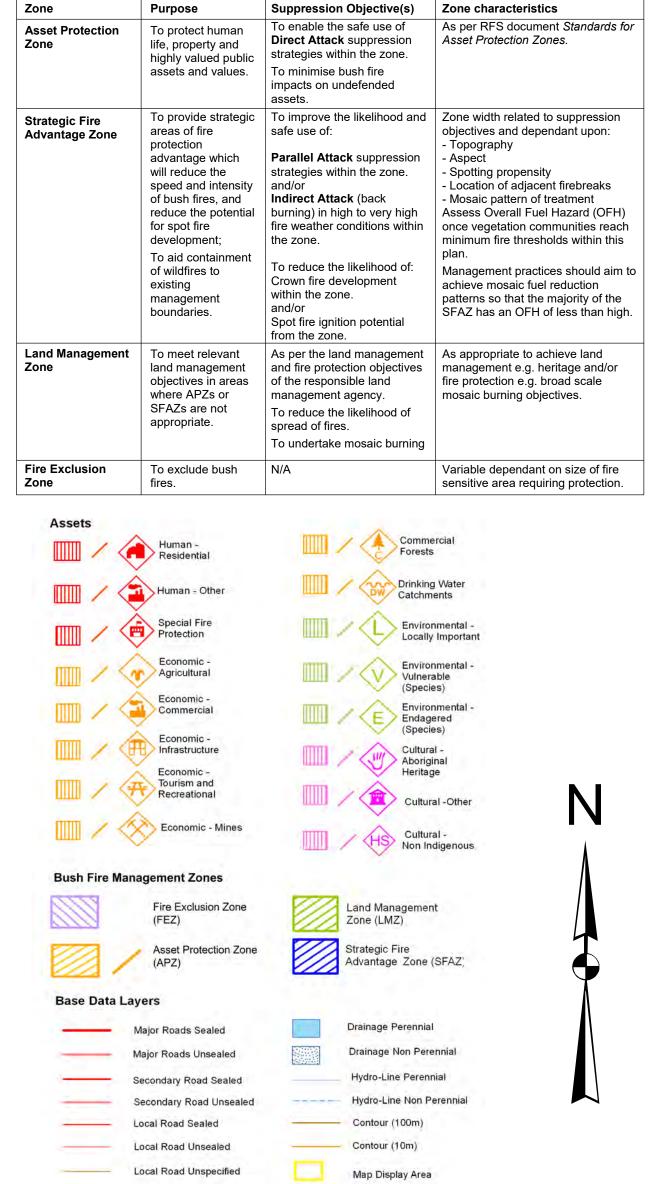
- ensuring developments in the bush fire prone land comply with Planning for Bush Fire Protection; - using the Local Environment Plan/s (LEPs) to control development in areas with a bush fire risk; - varying the standard bush fire danger period as required;

- requiring permits during bush fire danger periods - prosecution of arsonists/offenders

- investigation of bush fire cause; - normal fire suppression activities;

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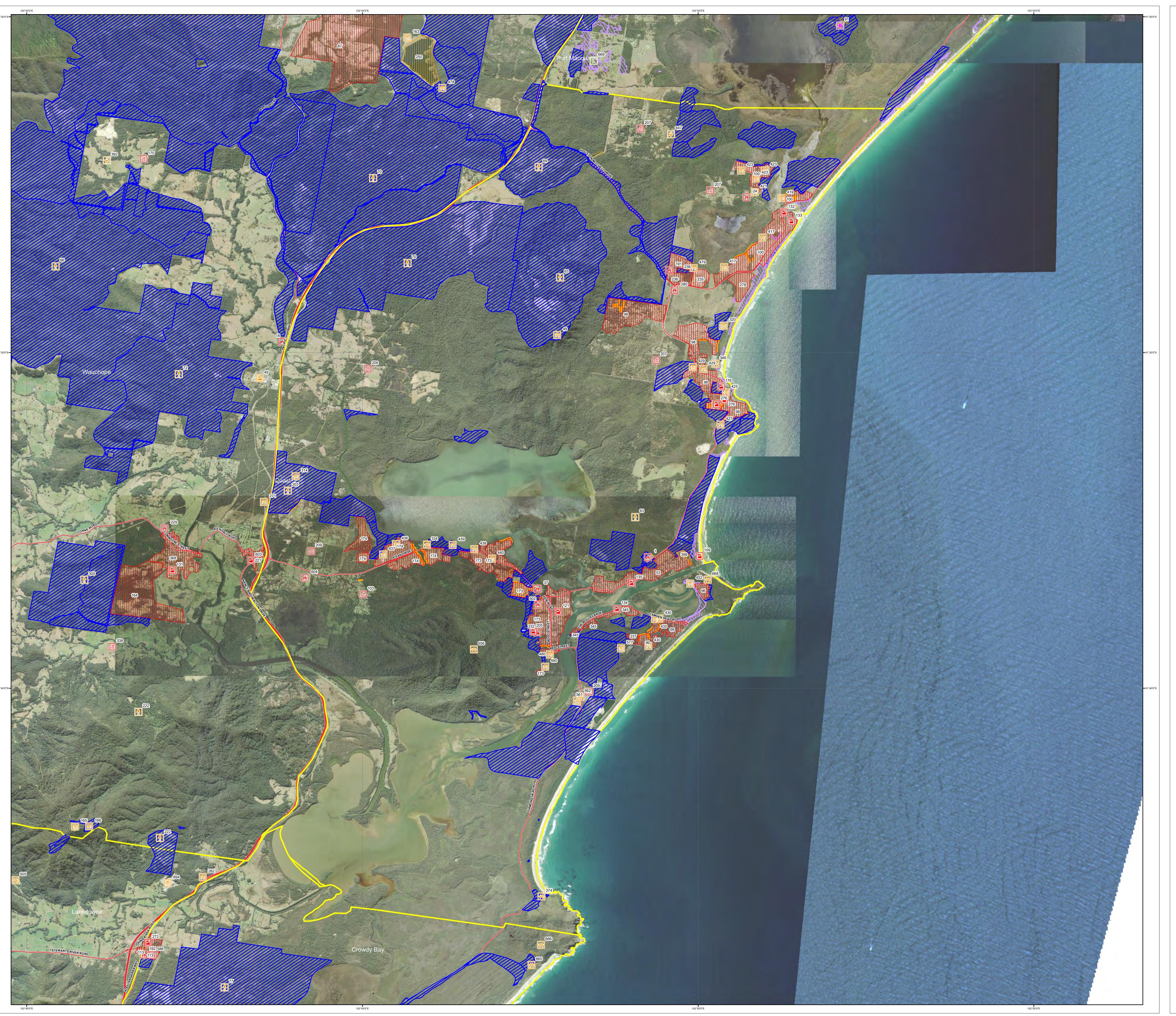
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\*Note - Some base data layers may not be displayed on map



Coast - Map Display Area Map 14 of 18

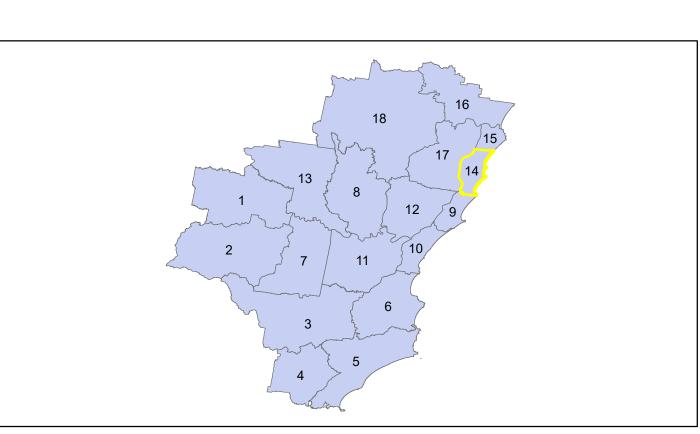
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- prosecution of arsonists/offenders - investigation of bush fire cause;

- requiring permits during bush fire danger periods

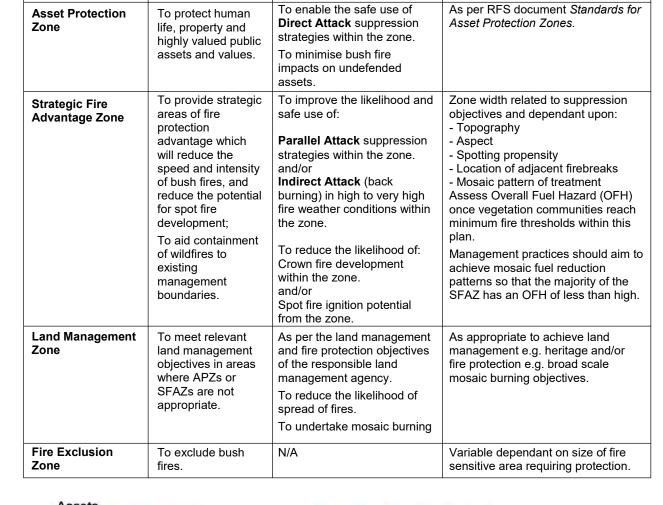
- normal fire suppression activities;

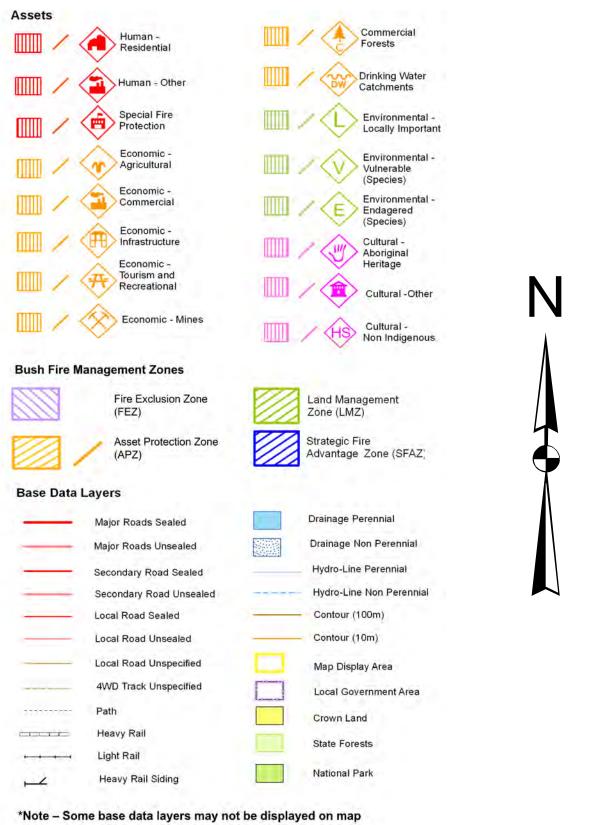
- varying the standard bush fire danger period as required;

- assessing and managing compliance with strategic fire-fighting resource allocation management systems; - preparation of a S52 Operations Coordination Plan; - fire management plans or plans of management; and - bush fire hazard complaints.

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Suppression Objective(s) Zone characteristics





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### Port Macquarie - Map Display Area Map 15 of 18

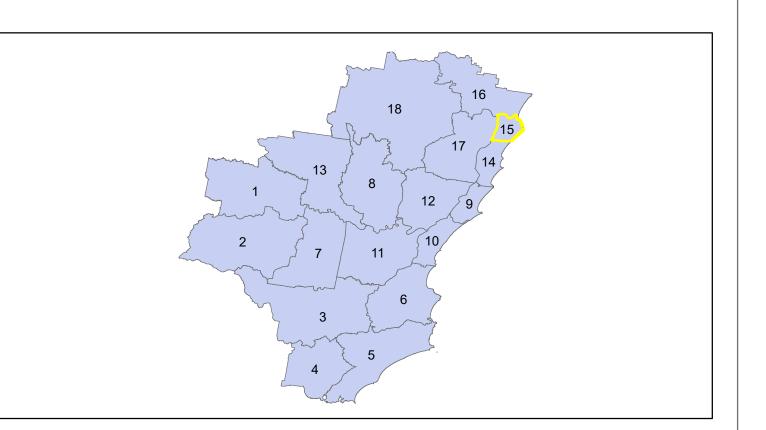
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#### - prosecution of arsonists/offenders - investigation of bush fire cause;

- normal fire suppression activities;

- assessing and managing compliance with strategic fire-fighting resource allocation management systems; - preparation of a S52 Operations Coordination Plan; - fire management plans or plans of management; and

To protect human

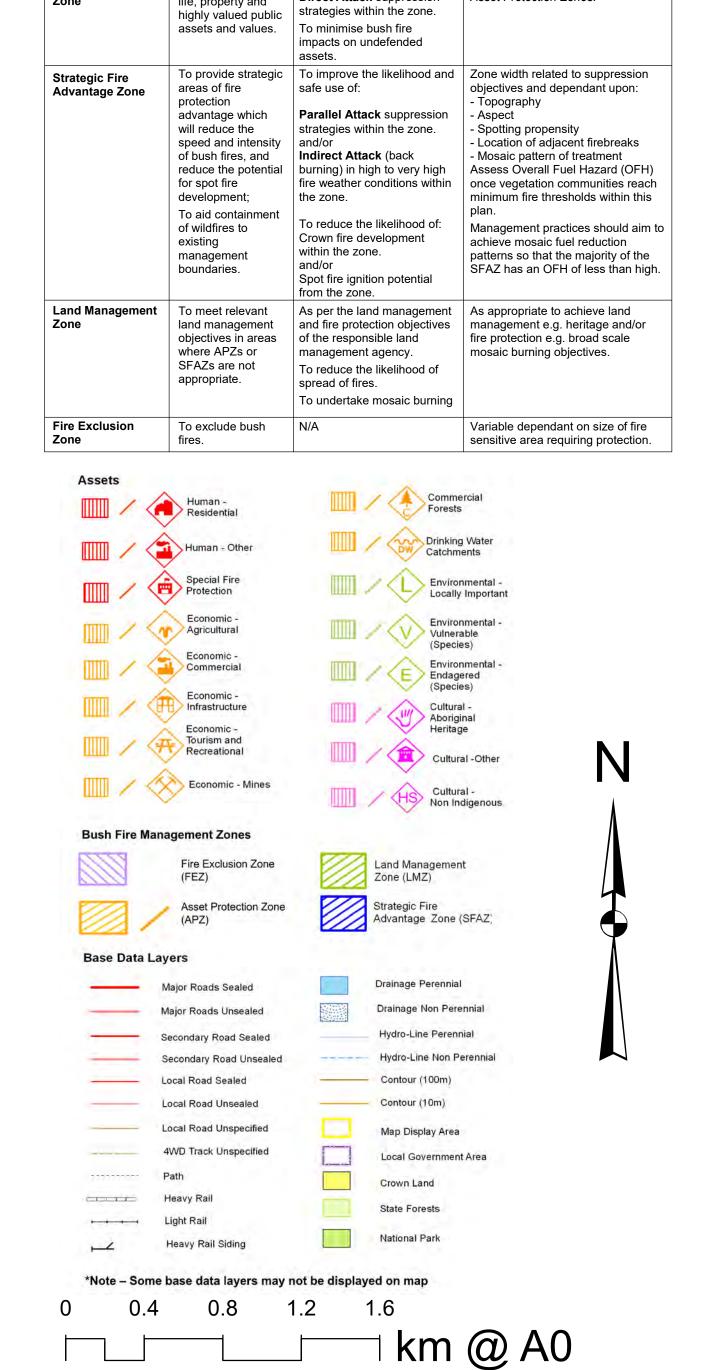
- requiring permits during bush fire danger periods

- bush fire hazard complaints. Note on LMZ: All areas not specifically mapped as an APZ, SFAZ or FEZ are considered as LMZ for this risk

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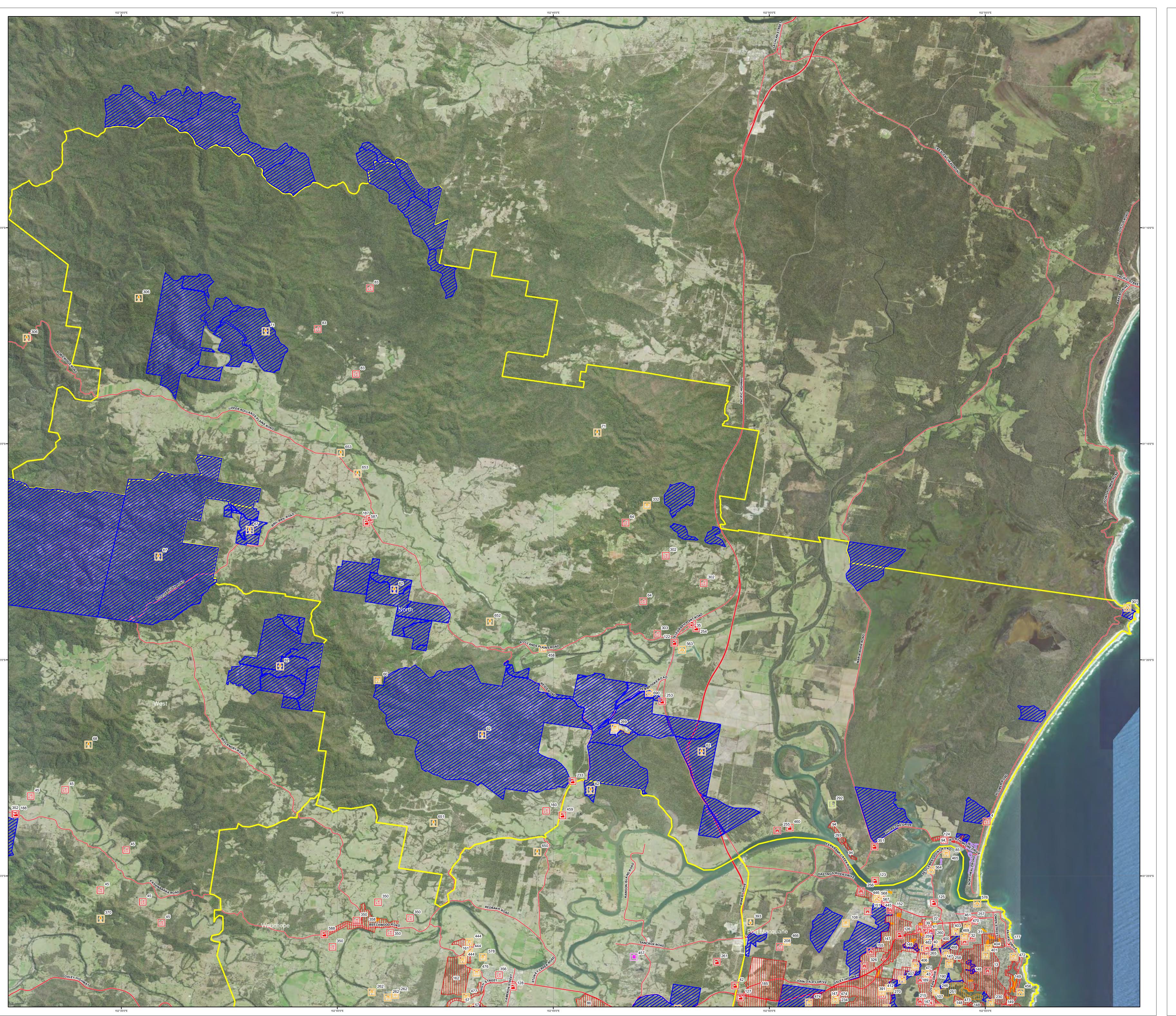
life, property and Direct Attack suppression Asset Protection Zones.

To enable the safe use of As per RFS document Standards for



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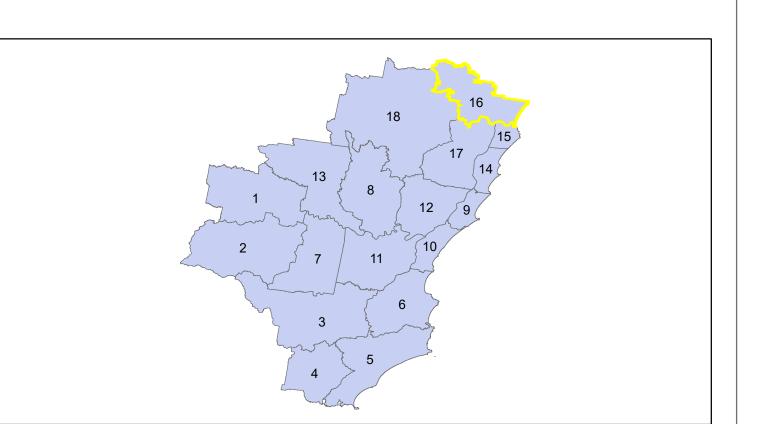
North - Map Display Area Map 16 of 18

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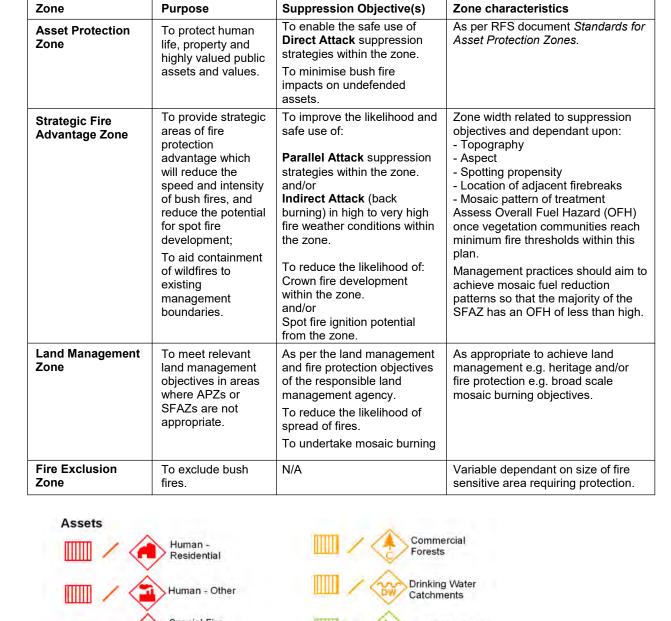
#### - prosecution of arsonists/offenders - investigation of bush fire cause;

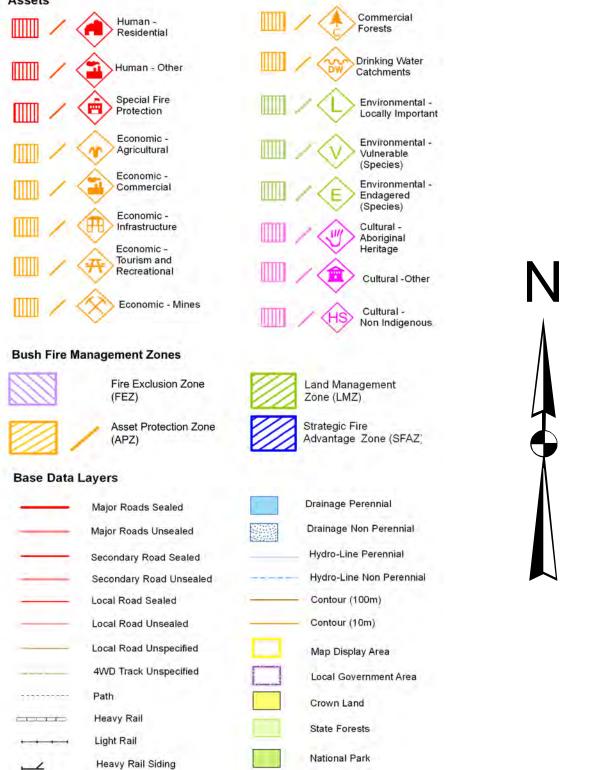
- requiring permits during bush fire danger periods

- normal fire suppression activities;

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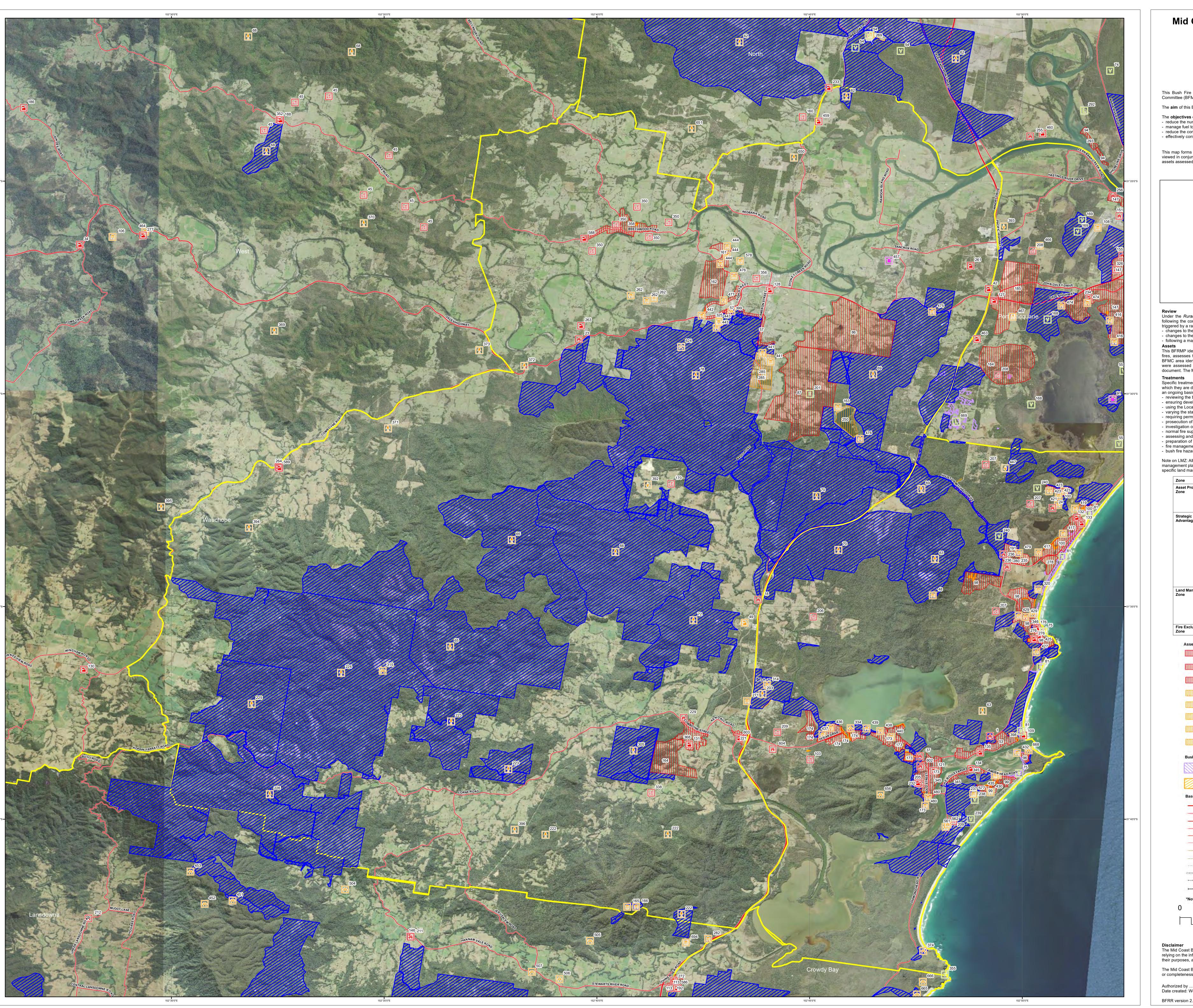
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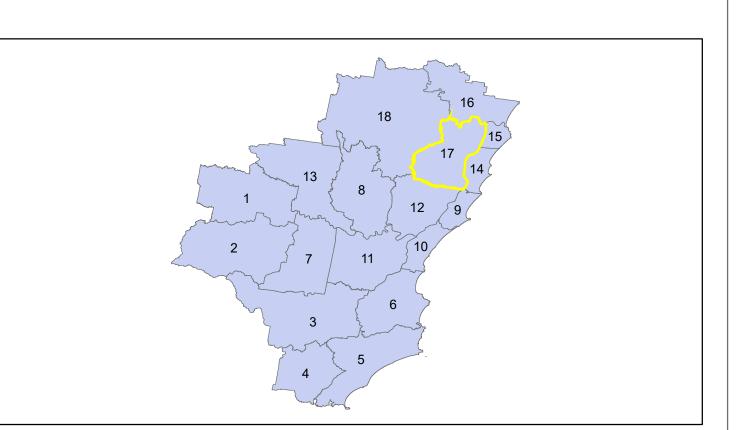
Wauchope - Map Display Area Map 17 of 18

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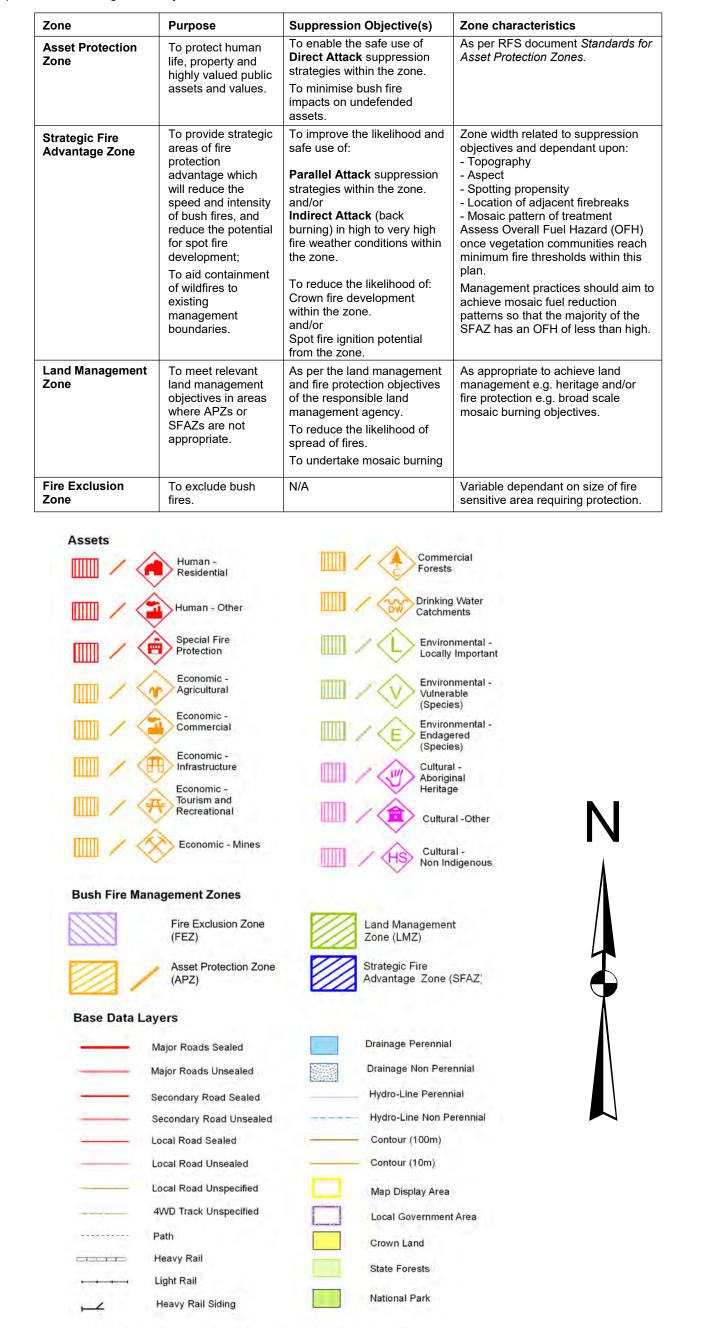
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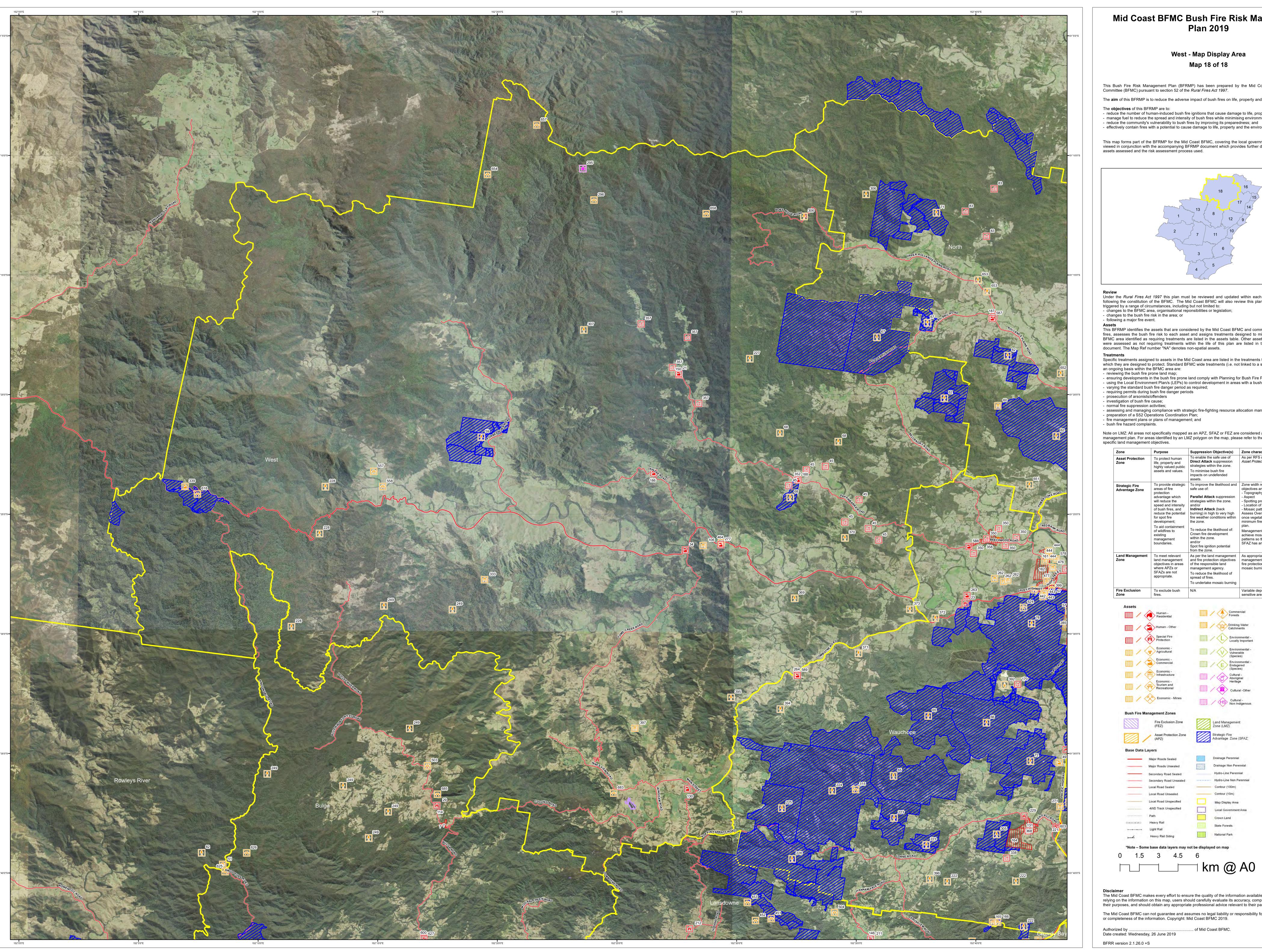


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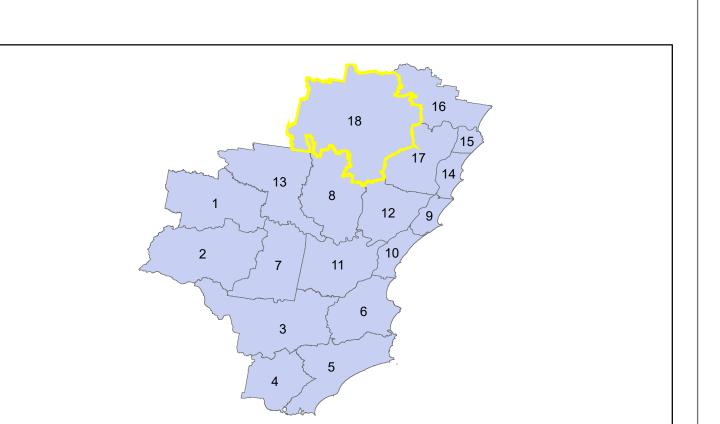
West - Map Display Area Map 18 of 18

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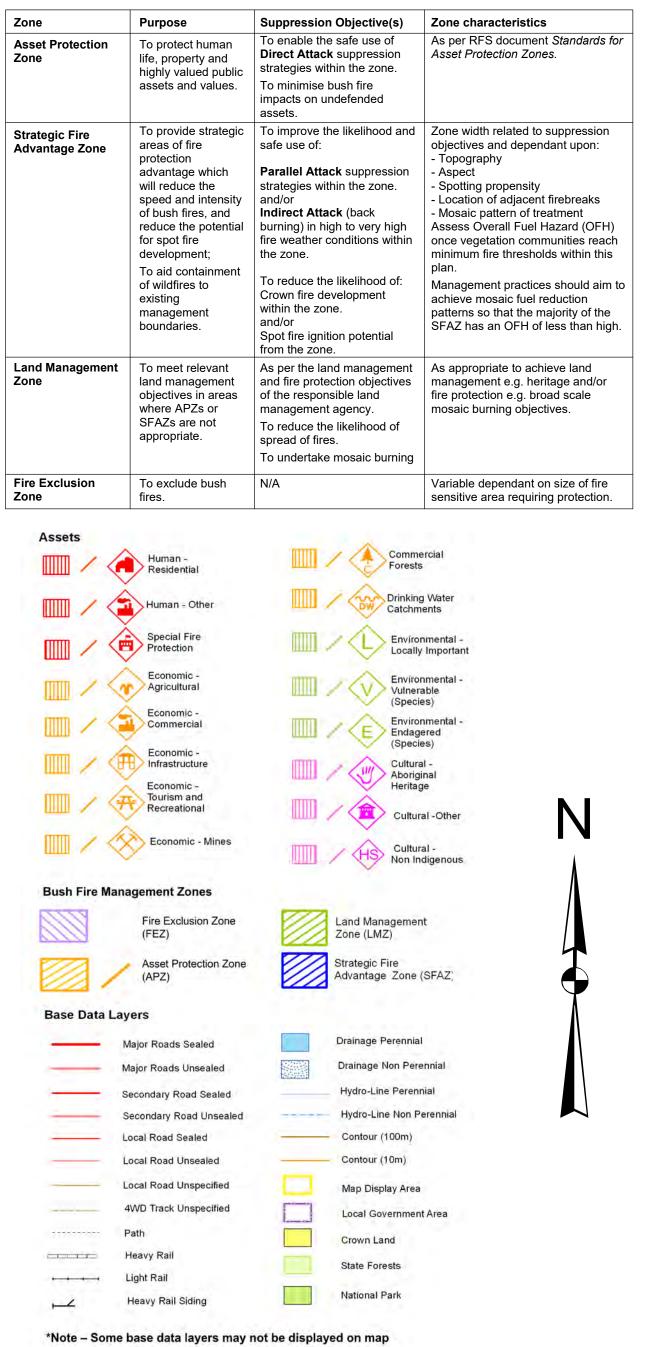
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