

### Mid North Coast Region Yarrahappini Wetlands National Park, Clybucca Historic Site & Aboriginal Area Fire Management Strategy (Type 2) 2009

Sheet 1 of 1

This strategy should be used in conjunction with aerial photography and field reconnaissance during incidents and the development of incident action plans.

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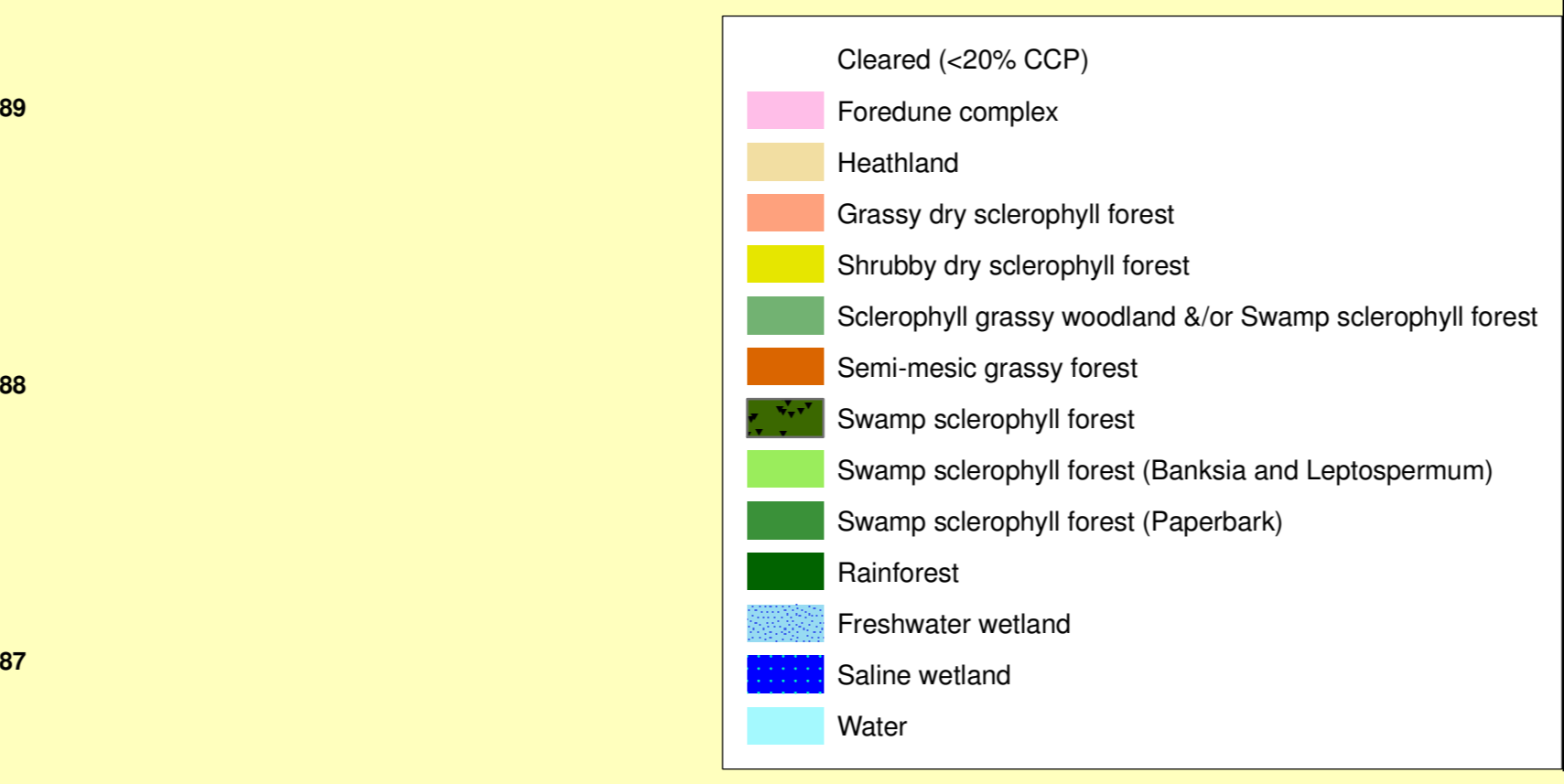
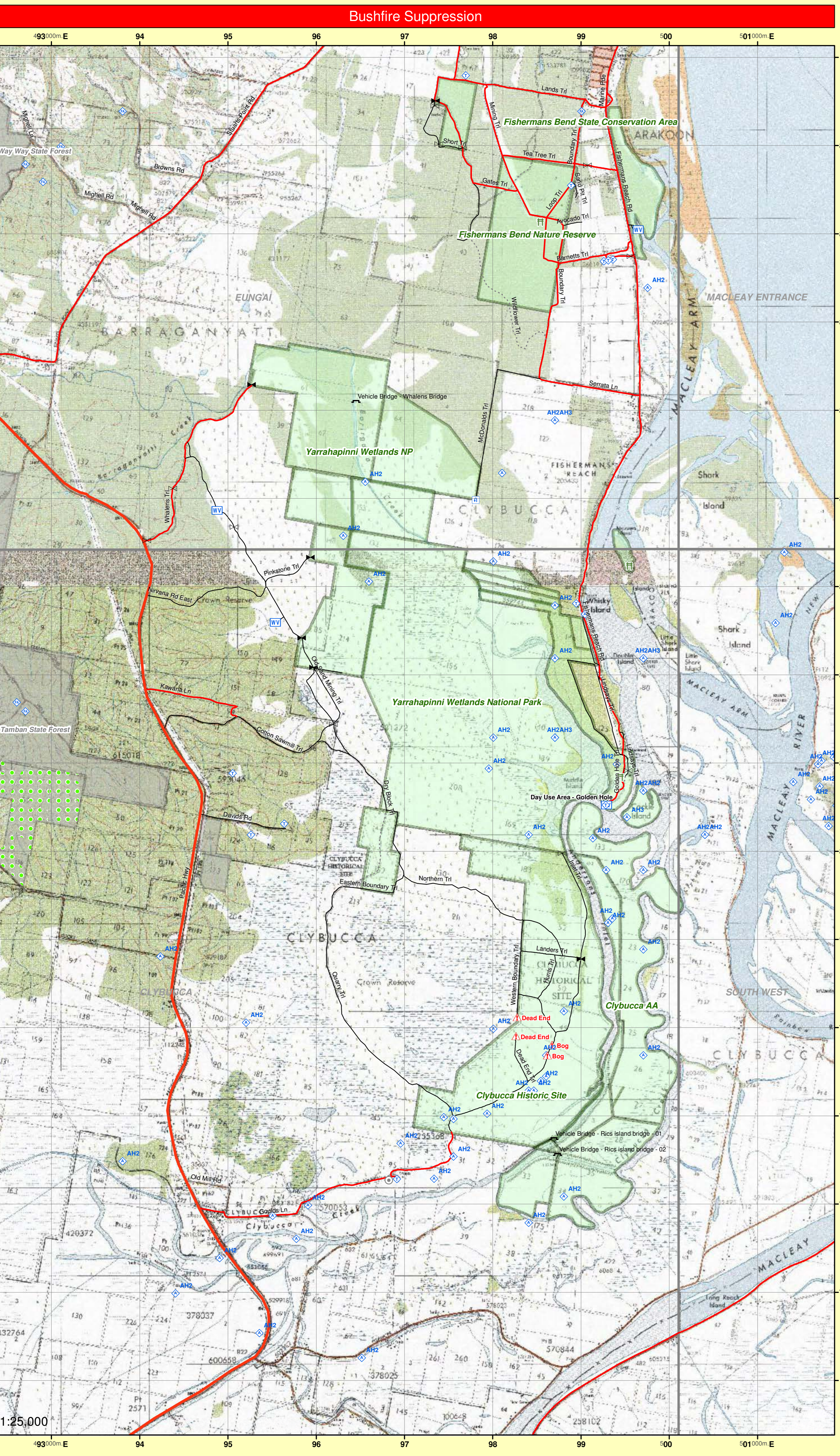
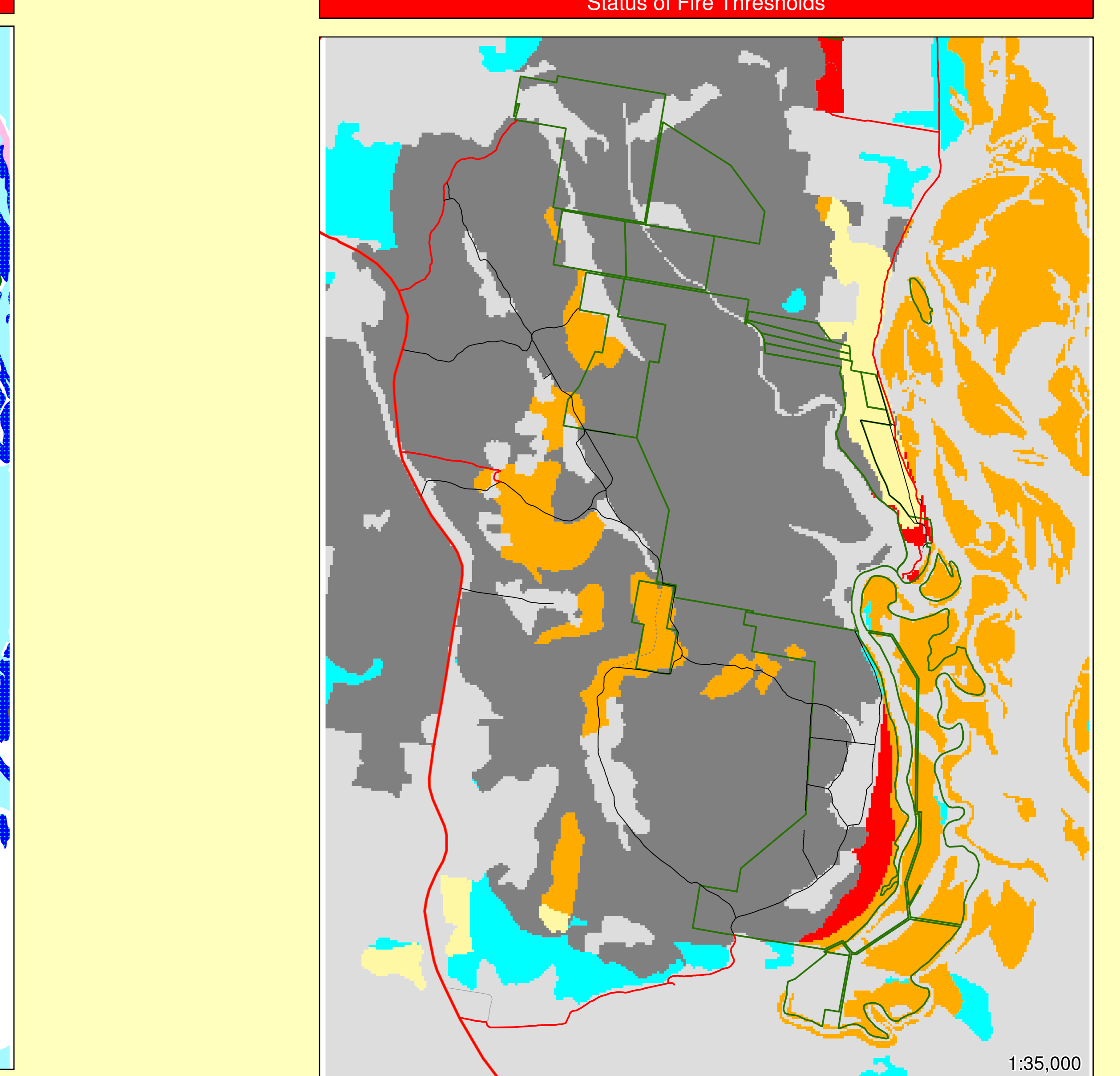
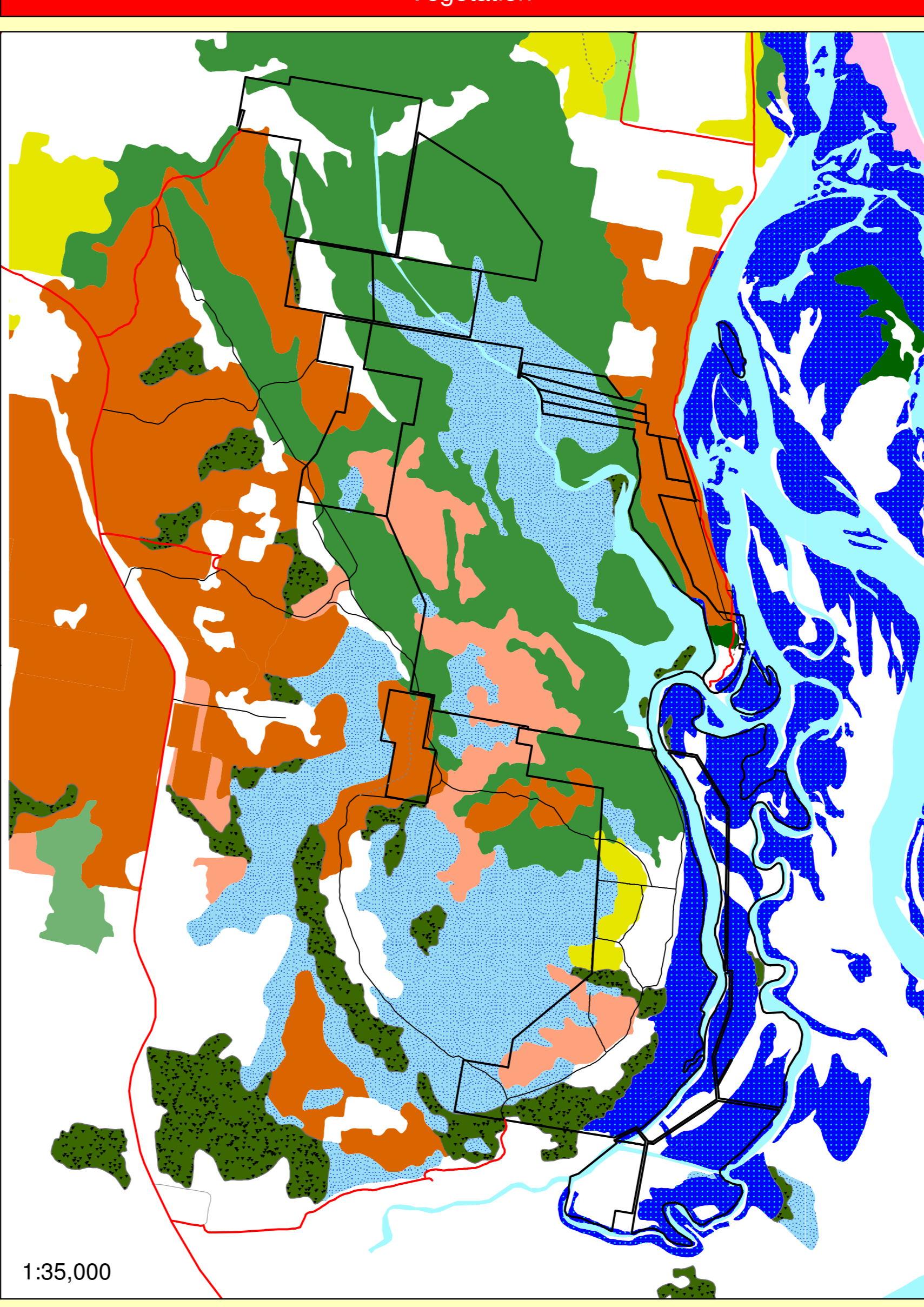
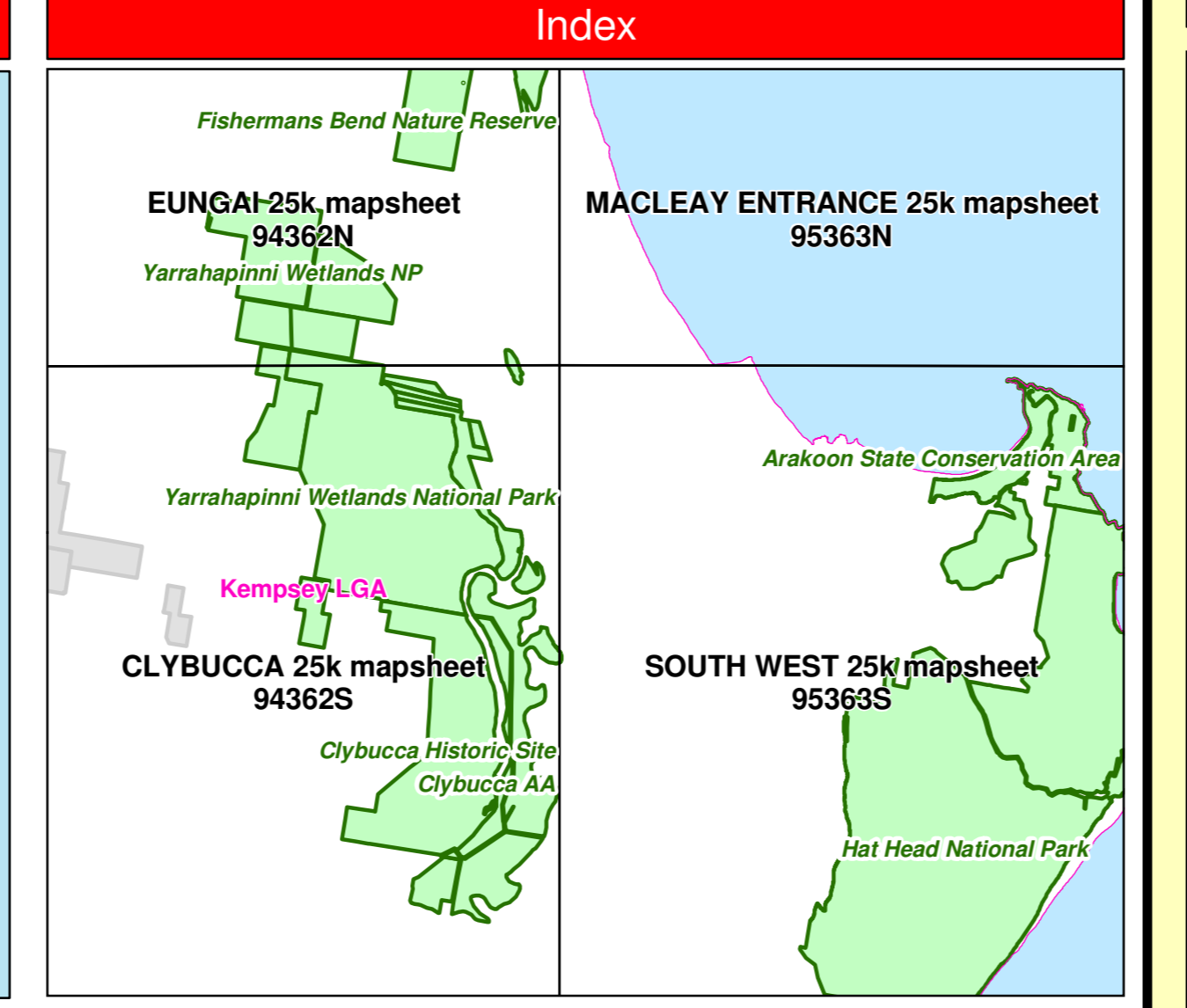
Department of Environment and Climate Change NSW    This strategy is a relevant Plan under Section 38 (4) and Section 44 (3) of Rural Fires Act 1997.

Endorsed by:    Date:    /    /  
Director Northern, Parks & Wildlife Division

Datum: GDA94  
Projection: UTM  
Grid: MGA Zone 56

Noted scales are true when this map is printed on A0 paper

Produced by MNC GIS



#### Operational Guidelines

Brief all personnel involved in suppression operations on the following issues:

Resource	Guidelines
<b>Aboriginal Cultural Heritage Site Management</b>	<p><b>NOTE:</b> This Reserve was created to preserve a Midden that runs the full length of the Reserve and is the largest known manmade midden in Australia.</p> <ul style="list-style-type: none"> <li>AH2 - As far as possible protect site from fire. Avoid all ground disturbance including the use of earthmoving machinery, handline construction and driving over sites. Avoid water bombing which may cause ground disturbance.</li> <li>AH3 - Avoid all ground disturbance. Avoid water bombing. Site may be burnt by bushfire, back-burn or prescribed burn without damage.</li> </ul>
<b>Historic Heritage Management</b>	<ul style="list-style-type: none"> <li>No known sites in Reserve. If new sites located consult with a senior NPWS officer.</li> </ul>
<b>Threatened Fauna Management</b>	<ul style="list-style-type: none"> <li>No known threatened fauna in Reserve. If unreported species are identified, consult with a senior NPWS officer.</li> </ul>
<b>Threatened Flora Management</b>	<ul style="list-style-type: none"> <li>No known sites in Reserve. If new sites are located consult with a senior NPWS officer.</li> </ul>
<b>Threatened Property</b>	<ul style="list-style-type: none"> <li>No property in close proximity to Reserve.</li> </ul>
<b>General</b>	<p><b>Guidelines</b></p> <ul style="list-style-type: none"> <li>Avoid the use of water bombing which has the potential to cause serious damage to the Midden.</li> <li>Ground based direction of water bombing aircraft may be used to specific suppression sites that are not part of the midden.</li> <li>The use of bombing aircraft should support containment operations by aggressively attacking hotspots and spot-overs.</li> <li>The use of bombing aircraft without the support of ground based suppression crews should be limited to very specific circumstances.</li> <li>Where practicable foam should be used to increase the effectiveness of the water.</li> <li>Ground crews must be alerted to water bombing operations.</li> </ul>
<b>Aerial Ignition</b>	<ul style="list-style-type: none"> <li>Aerial ignition is not considered practical due to the small size of the Reserve</li> </ul>
<b>Backburning</b>	<ul style="list-style-type: none"> <li>Temperature and humidity trends must be monitored carefully to determine the safest times to implement back-burns. Generally, when the FDI is Very High or greater, backburning should commence when the humidity begins to rise in the late afternoon or early evening. With a lower FDI backburning may be safely undertaken during the day.</li> </ul>
<b>Command &amp; Control</b>	<ul style="list-style-type: none"> <li>The first combatant agency on site may assume control of the fire, but then must ensure the relevant land management agency is notified promptly.</li> <li>On the arrival of other combatant agencies, the initial incident controller will consult with regard to the ongoing command, control and incident management team requirements as per the relevant BFMC Plan of Operations.</li> </ul>
<b>Containment Lines</b>	<ul style="list-style-type: none"> <li><b>AVOID ALL GROUND DISTURBANCE.</b> There will be NO new control lines constructed in this reserve.</li> <li>Apart from the presence of the midden, underlying soils are Acid Sulphate and exposure to oxygen will cause major damage to both ground and waterways</li> <li>Earthmoving equipment is not allowed in this reserve.</li> </ul>
<b>Earthmoving Equipment</b>	<ul style="list-style-type: none"> <li>Earthmoving equipment is not allowed in this reserve.</li> </ul>
<b>Fire Advantage Recording</b>	<ul style="list-style-type: none"> <li>All fire advantages used during wildfire suppression operations must be mapped and where relevant added to the database.</li> </ul>
<b>Fire Suppression Chemicals</b>	<ul style="list-style-type: none"> <li>Wetting and foaming agents (surfactants) are permitted for use in wildfire suppression.</li> <li>The use of fire retardant is only permitted with the prior consent of the senior NPWS officer, and should be avoided where reasonable alternatives are available.</li> <li>Exclude the use of surfactants and retardants within 50m of rainforest, watercourses, dams and swamps.</li> <li>Areas where fire suppression chemicals are used must be mapped and the used product name recorded.</li> </ul>
<b>Rehabilitation</b>	<ul style="list-style-type: none"> <li>Not applicable as there will be no ground disturbance</li> </ul>
<b>Smoke Management</b>	<ul style="list-style-type: none"> <li>If smoke becomes a hazard on local roads or highways, the police and relevant media must be notified.</li> </ul>
<b>Visitor Management</b>	<ul style="list-style-type: none"> <li>The reserve may be closed to the public during periods of extreme fire danger or during wildfire suppression operations.</li> </ul>
<b>Safety Alert</b>	<ul style="list-style-type: none"> <li>Note that multiple dead ends could lead to entrapment.</li> <li>Swampy conditions could lead to vehicles becoming bogged and trapped.</li> </ul>

#### Communications Information

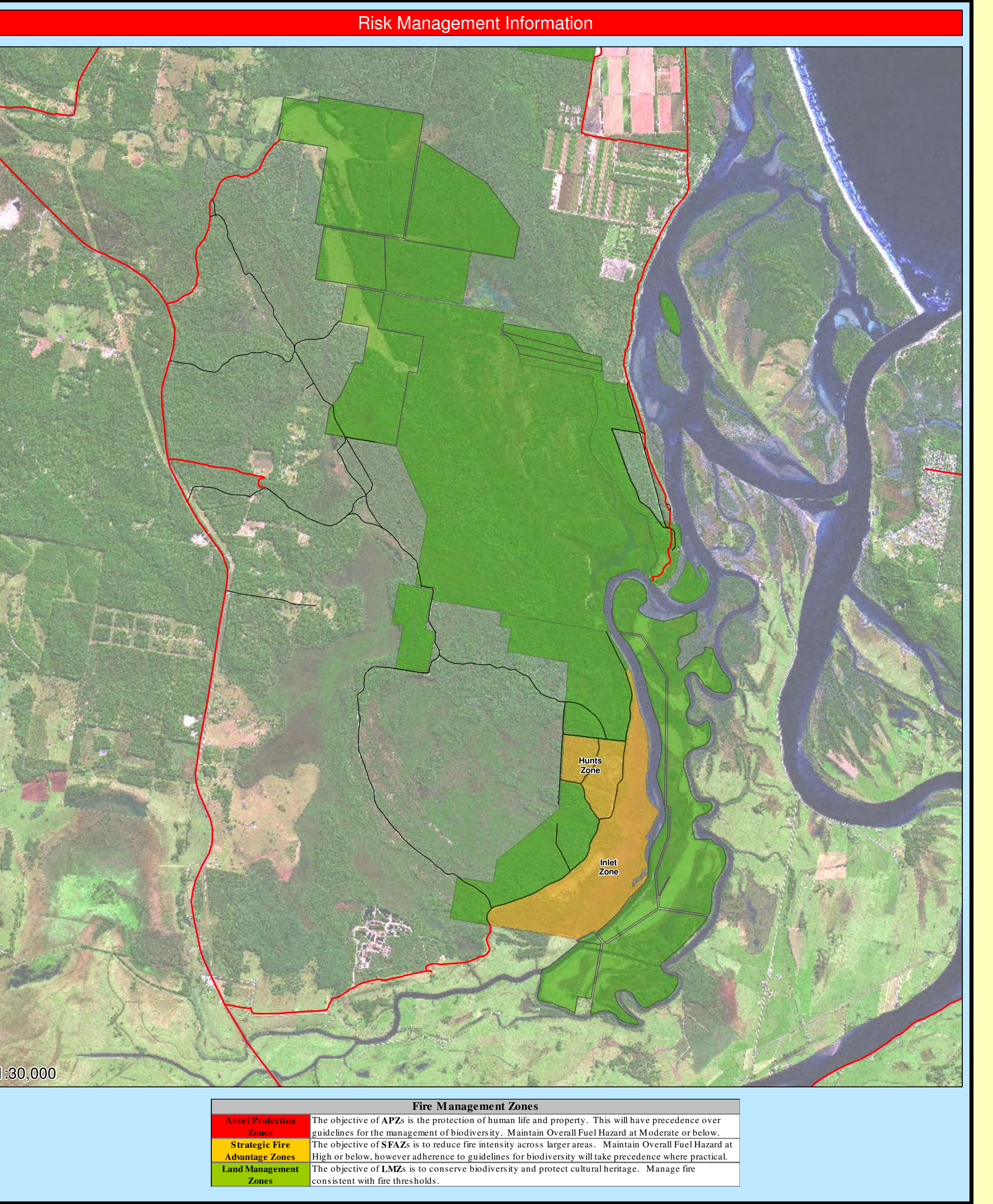
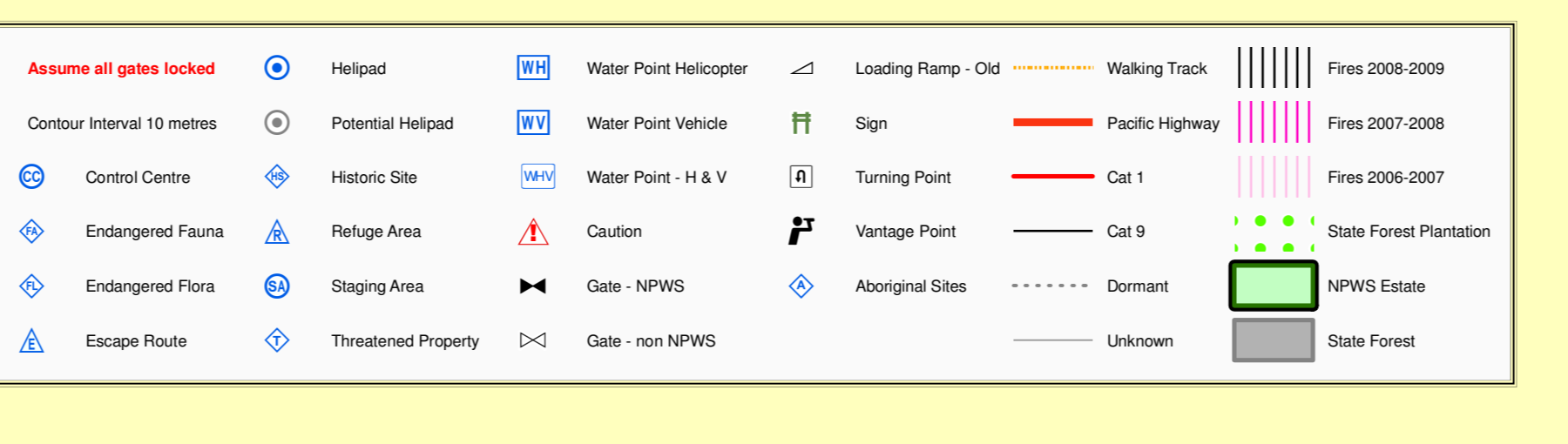
Service	Channel	Location and Comments
NPWS - VHF	2	Channel One (1) as alternate
NPWS - VHF (Fireground Comms)	34	Channel 33 as alternate
NPWS - VHF (Portable Repeater)	13	Held at Hastings Depot in Port Macquarie.
RFS - PMR - UHF	36	Channel 72 as alternate
RFS - GRN	N/A	
SF - VHF	6	
CB - UHF	12	
Aircraft - VHF	No	N/A
Mobile Phone - GSM	Yes	

#### Contact Information

Agency	Position / Location	Phone
NPWS	Regional Duty Officer / After Hours	016 501 161
	Area Manager	6566 7251
	Fire Management Officer	0417 201 064
	Regional Operations Coordinator	6586 8329
		0417 977 031
RFS	Area Manager 24hrs Number	6551 9490
	Operations Officer Control: 24hrs Number	6562 1964
	Macleay Fire Control Centre	000
SES	Emergency	000
	Kempsey Unit	6562 2228
Police	Emergency	000
	Kempsey Station	6562 6444
Ambulance	Emergency	000
Hospital	All Stations	13 1233
	Kempsey Base Hospital	6562 6155
Forests NSW	Mid North Coast Region	6585 3744
Council	Kempsey	6566 5208
	Emergency A/H Number	1300 663 211
Local Aboriginal Land Council	Regional Aboriginal Land Council	6563 1862
	Kempsey Aboriginal Land Council	6562 8688

#### Strategy Information

Fire Season Information	
<b>Wildfires</b>	<ul style="list-style-type: none"> <li>Have been known to start as early as late August, but usually the potential for a large fire event is greatest between October and December. This period may extend into January in more severe years.</li> </ul>
<b>Prescribed Burning</b>	<ul style="list-style-type: none"> <li>General season is Autumn to late Winter. Burning is possible in early Spring but not desirable on a regular basis from an ecological or tourism point of view.</li> </ul>
Suppression Strategies	
<b>Current FDR</b>	<b>Forecast FDR</b>
Low - Mod	Low - Mod
Low - Mod	=> High
High	All
All	All



#### Fire Management Zones

<b>Asset Protection Zones</b>	The objective of APZs is the protection of human life and property. This will have precedence over guidelines for the management of biodiversity. Maintain Overall Fuel Hazard at Moderate or below.
<b>Strategic Fire Advantage Zones</b>	The objective of SFZAs is to reduce fire intensity across larger areas. Maintain Overall Fuel Hazard at High or below, however adherence to guidelines for biodiversity will take precedence where practical.
<b>Land Management Zones</b>	The objective of LMZs is to conserve biodiversity and protect cultural heritage. Manage fire consistent with fire thresholds.