

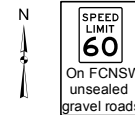
# LOCALITY MAP

Compartments: 319, 320, 322, 371, 372 & 398

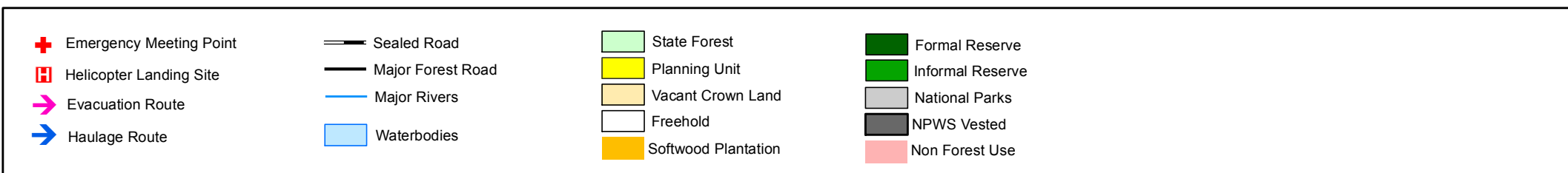
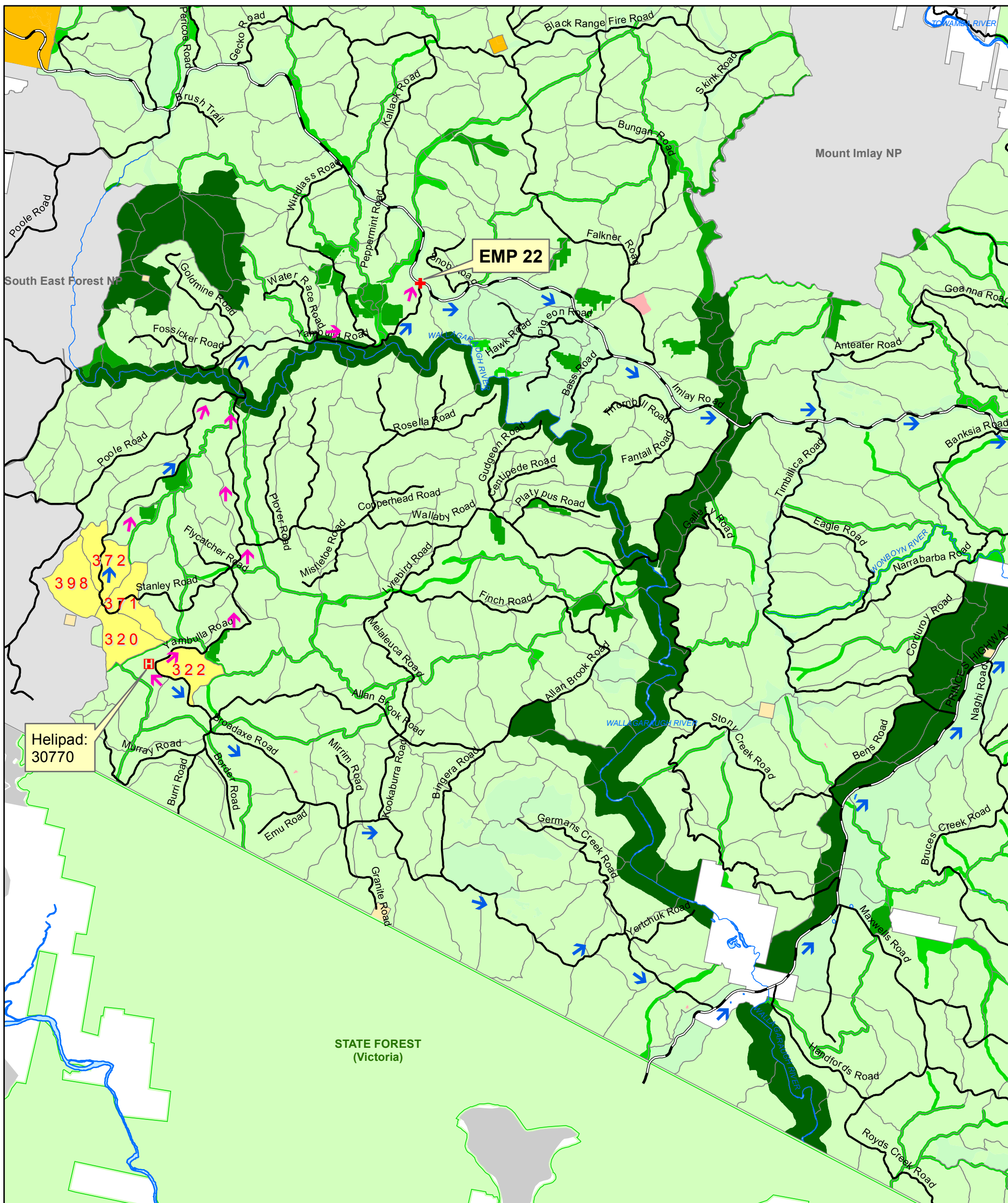
State Forest: Yambulla No: 126

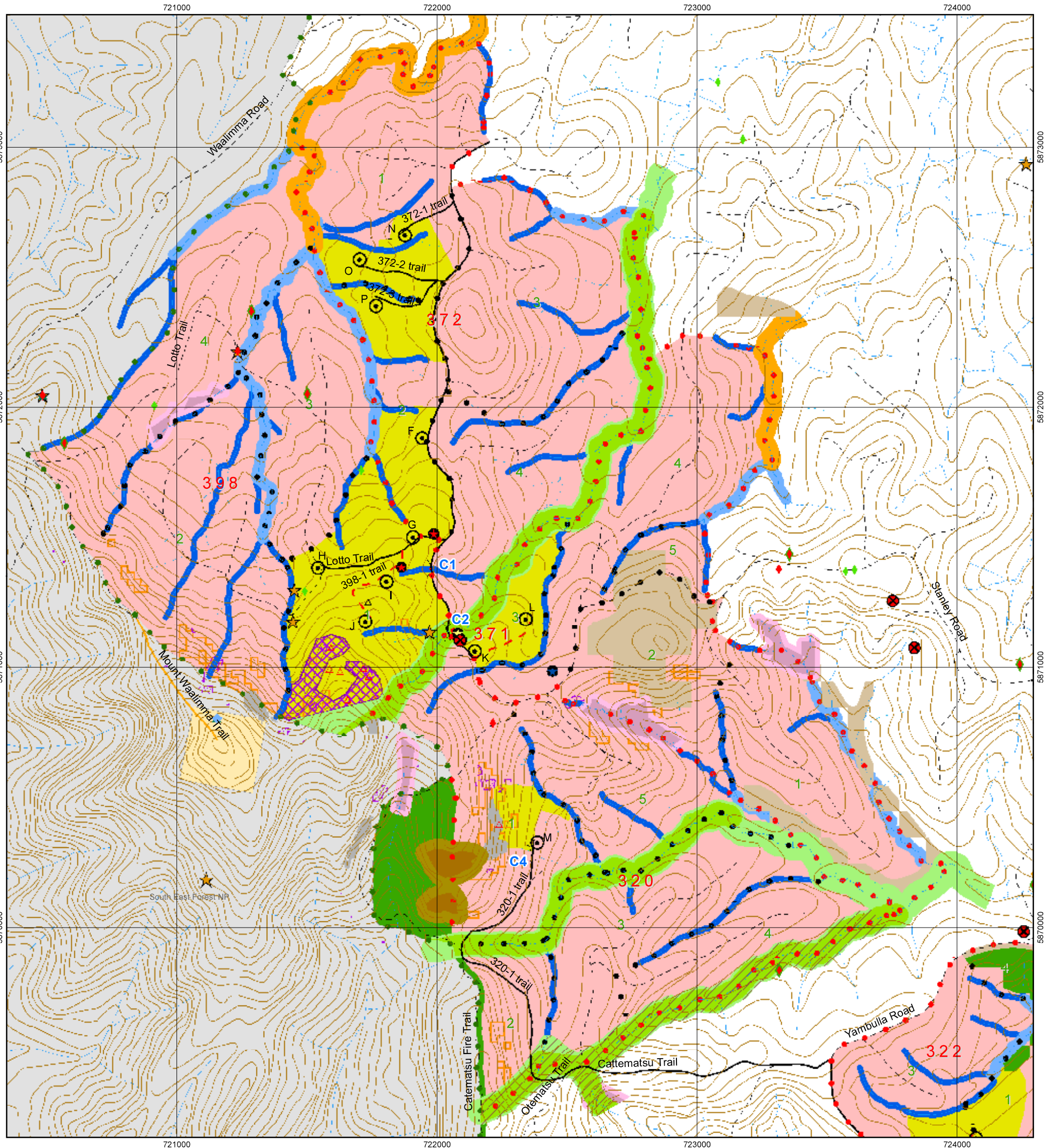
EDEN IFOA

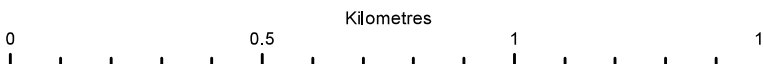
EDEN MANAGEMENT AREA



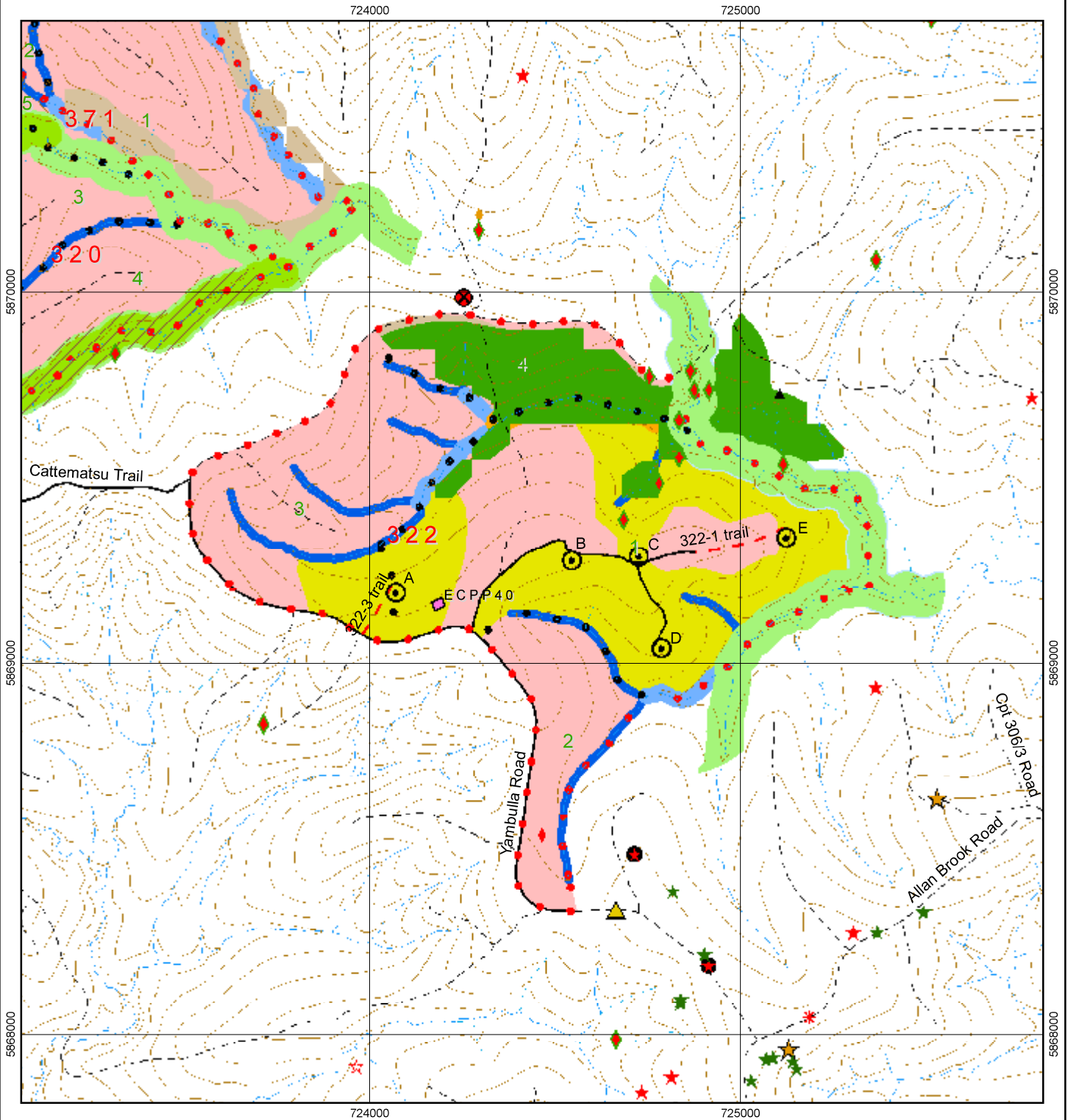
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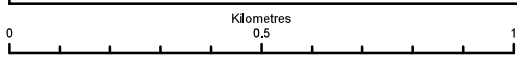



GN 80N  
 1:15,000  
 Contour Interval 10m  
 GDA\_1994\_MGA\_Zone\_55



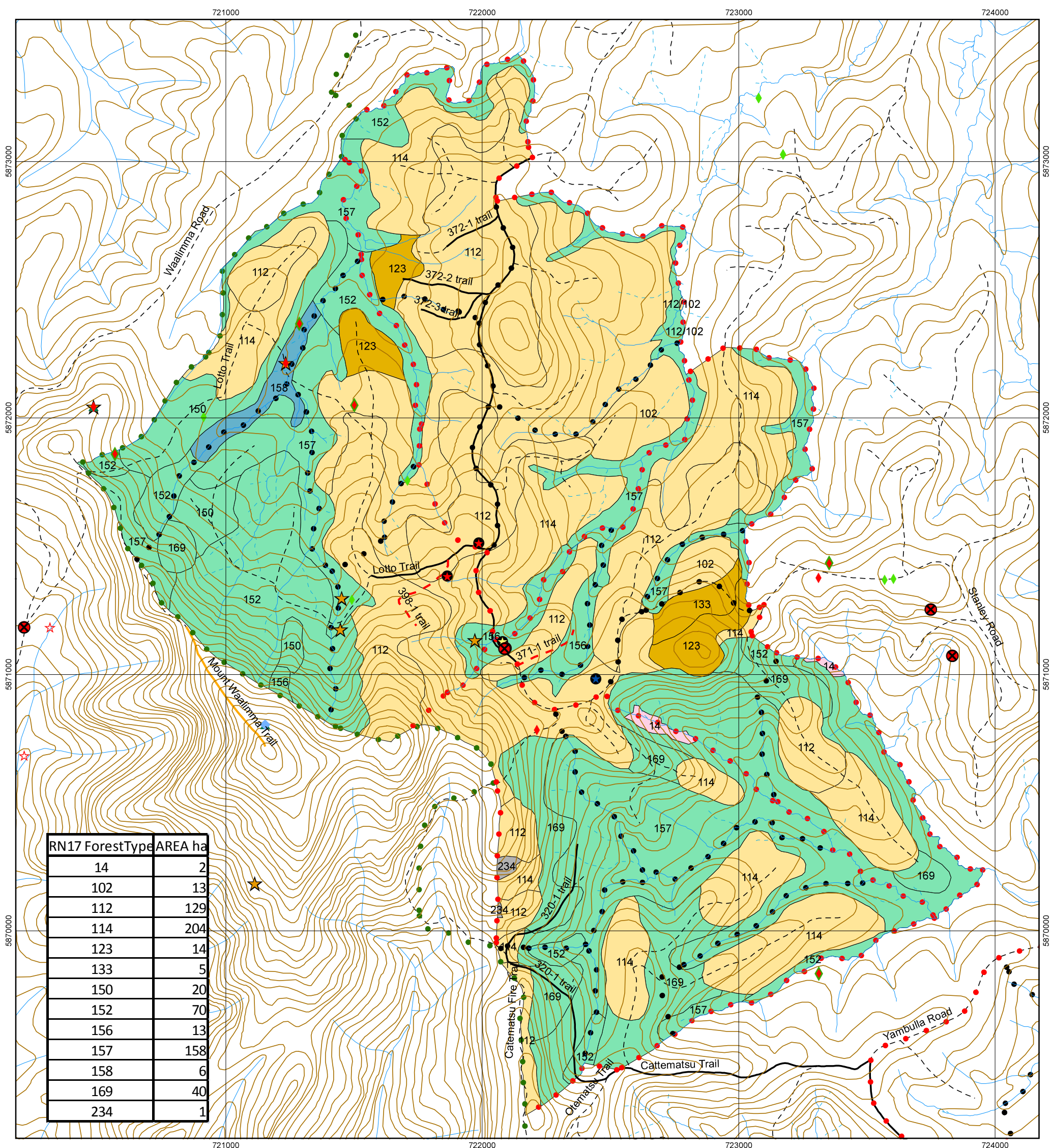

PREPARED BY Jarod Addinsall DATE: 20/01/2017

CHECKED BY Lee Blessington DATE: 20/01/2017



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GN MN  
 1:15,000  
 Contour Interval 10m  
 GDA\_1994\_MGA\_Zone\_55

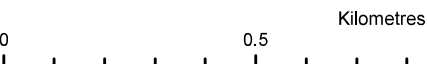


RN17 Forest Type	AREA ha
14	2
102	13
112	129
114	204
123	14
133	5
150	20
152	70
156	13
157	158
158	6
169	40
234	1

- |                                   |                                       |                                      |  |
|-----------------------------------|---------------------------------------|--------------------------------------|--|
| Sooty Owl                         | Long-nosed Potoroo                    | Haulage Roads-Private Property       | Type 133 Stringybark - Appletopped Box |
| Yellow-bellied Glider (Heard)     | Scarlet Robin                         | Licenced Haulage Roads               | Type 150 Messmate                      |
| Spotted-tailed Quoll              | Common/Eastern Bentwing-bat           | New Licenced Road Construction       | Type 152 Messmate - Gum                |
| Yellow-bellied Glider             | 10 m Contour                          | Forest Roads                         | Type 156 Brown Barrel / Messmate - Ash |
| Yellow-bellied Glider (Feed Tree) | LiDAR Corrected Drainage              | Type 14 Lily Pilly                   | Type 157 Yellow Stringybark - Gum      |
| Gang-gang Cockatoo                | Indicative Unmapped Drainage Features | Type 102 Yertchuk                    | Type 158 Southern Blue Gum             |
| Southern Brown Bandicoot          | Coupe_Boundary                        | Type 112 Silvertop Ash               | Type 169 Yellow Stringybark            |
| Long-footed Potoroo               | Compartment_Boundary                  | Type 114 Silvertop Ash - Stringybark | Type 234 Rock                          |
|                                   | State_Forest_Boundary                 | Type 123 Coastal Stringybark         |  |

Prepared By jarod.addinsall Date: 20/01/2017

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**FORESTRY CORPORATION OF NSW, HARDWOOD FORESTS DIVISION  
HARVEST PLAN FOREST TYPE MAP**

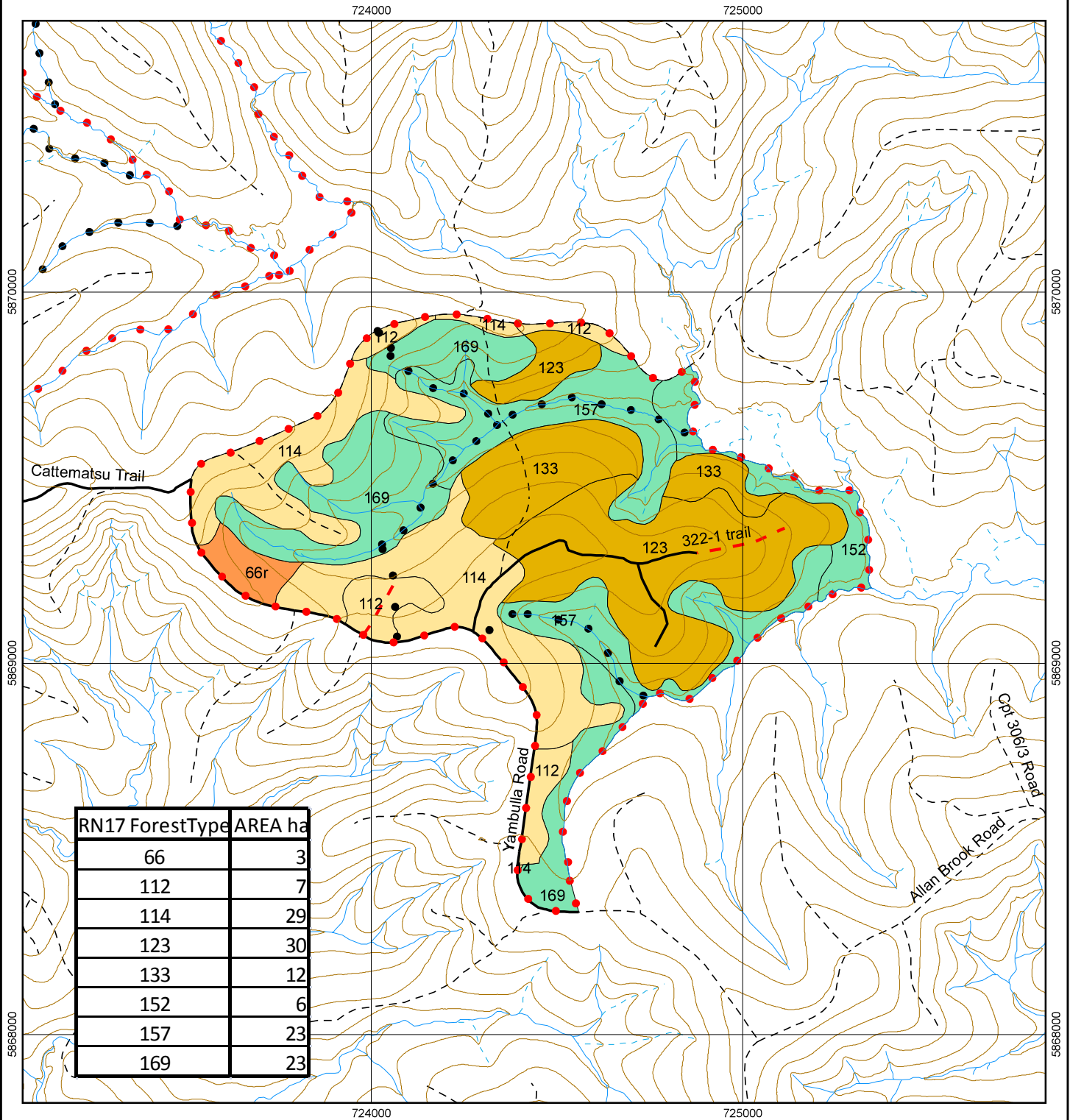
**YAMBULLA FOREST**  
 No: 126  
 Cpt No: 322  
 ManagementArea: Eden  
 Mapsheet: TIMBILLICA(8823-3N)

PlanName: HP\_ED\_320\_322\_371\_372\_398\_17

PlanNo: 52796

Date Printed: 20/01/2017

GN M 1:15,000  
 Contour Interval 10m  
 GDA\_1994\_MGA\_Zone\_55

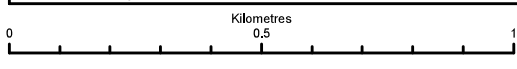


RN17 ForestType	AREA ha
66	3
112	7
114	29
123	30
133	12
152	6
157	23
169	23

- 10m Contour Interval
- LIDAR Corrected Drainage
- - - Indicative Unmapped Drainage Features
- Compartment\_Boundary
- Coupe\_Boundary
- Licenced Haulage Roads
- - - New Licenced Road Construction
- - - Forest Roads
- Type 66 Grey Ironbark- Stringybark
- Type 112 Silvertop Ash
- Type 114 Silvertop Ash - Stringybark
- Type 123 Coastal Stringybark
- Type 133 Stringybark - Appletopped Box
- Type 152 Messmate - Gum
- Type 157 Yellow Stringybark - Gum
- Type 169 Yellow Stringybark

PREPARED BY Jarod Addinsall DATE: 20/01/2017

CHECKED BY:.....DATE:.....



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# FORESTRY CORPORATION OF NSW, HARDWOOD FORESTS DIVISION HARVEST PLAN HABITAT MAP

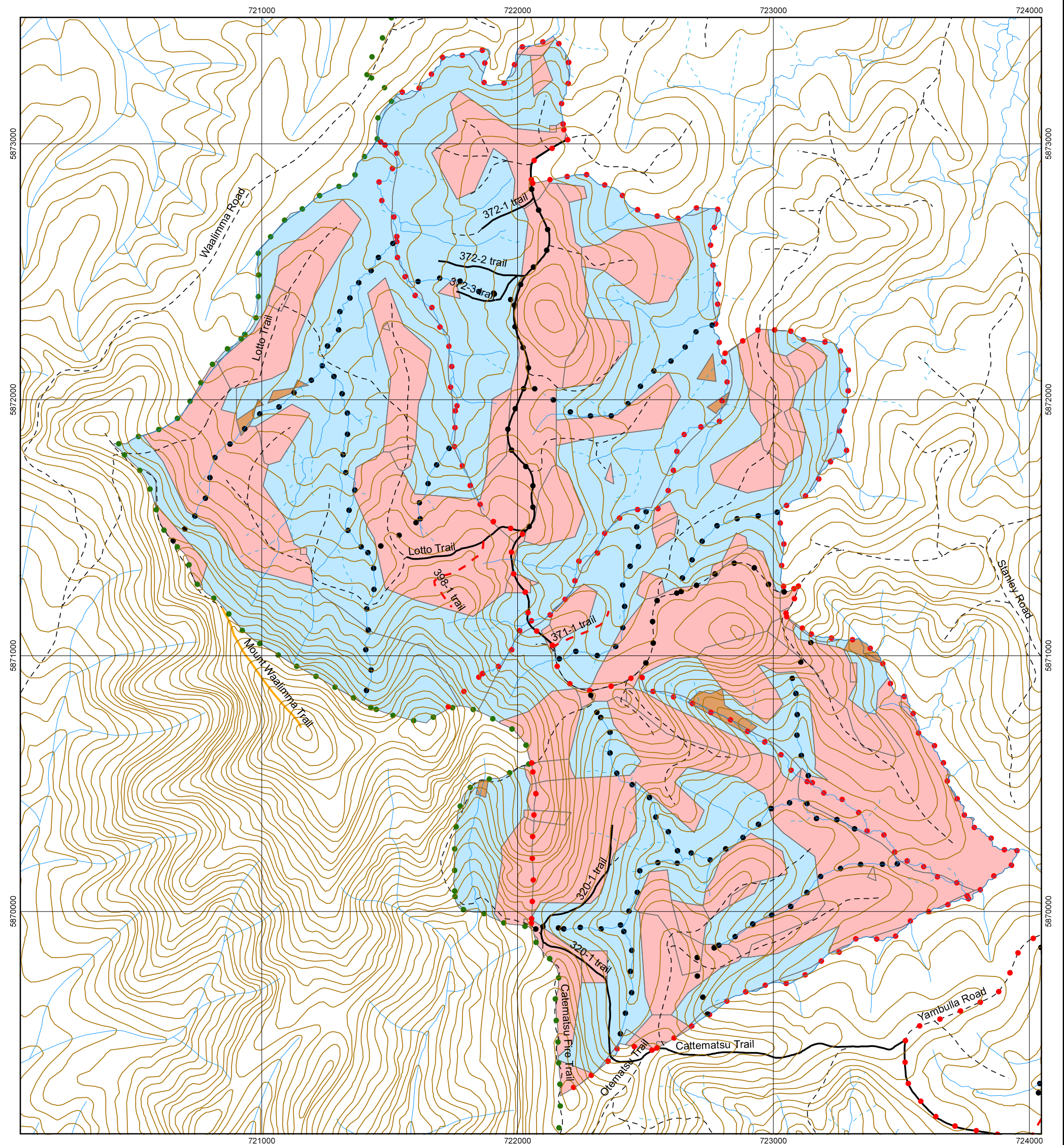
YAMBULLA Forest  
NO. 126  
Cpt No:322, 371, 372, 398.  
Management Area:EDEN  
Mapsheet:YAMBULLA(8723-2N);TIMBILLICA(8823-3N)

Plan Name:HP\_ED\_320\_322\_371\_372\_398\_16

Plan No:52796

GN MN  
1:15,000  
Contour Interval 10m  
GDA\_1994\_MGA\_Zone\_55

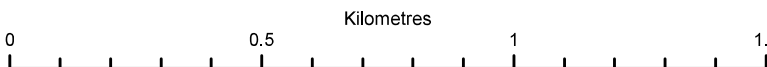
Date Printed: 20/01/2017



- 10 m Contour
- LIDAR Corrected Drainage
- - - Indicative Unmapped Drainage Features
- Coupe\_Boundary
- Compartment\_Boundary
- State\_Forest\_Boundary
- Haulage Roads-Private Property
- Licenced Haulage Roads
- - - New Licenced Road Construction
- - - Forest Roads
- Low
- High
- Unknown

Prepared By jarod.addinsall Date: 20/01/2017

CHECKED BY.....DATE.....



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# FORESTRY CORPORATION OF NSW, HARDWOOD FORESTS DIVISION HARVEST PLAN HABITAT MAP

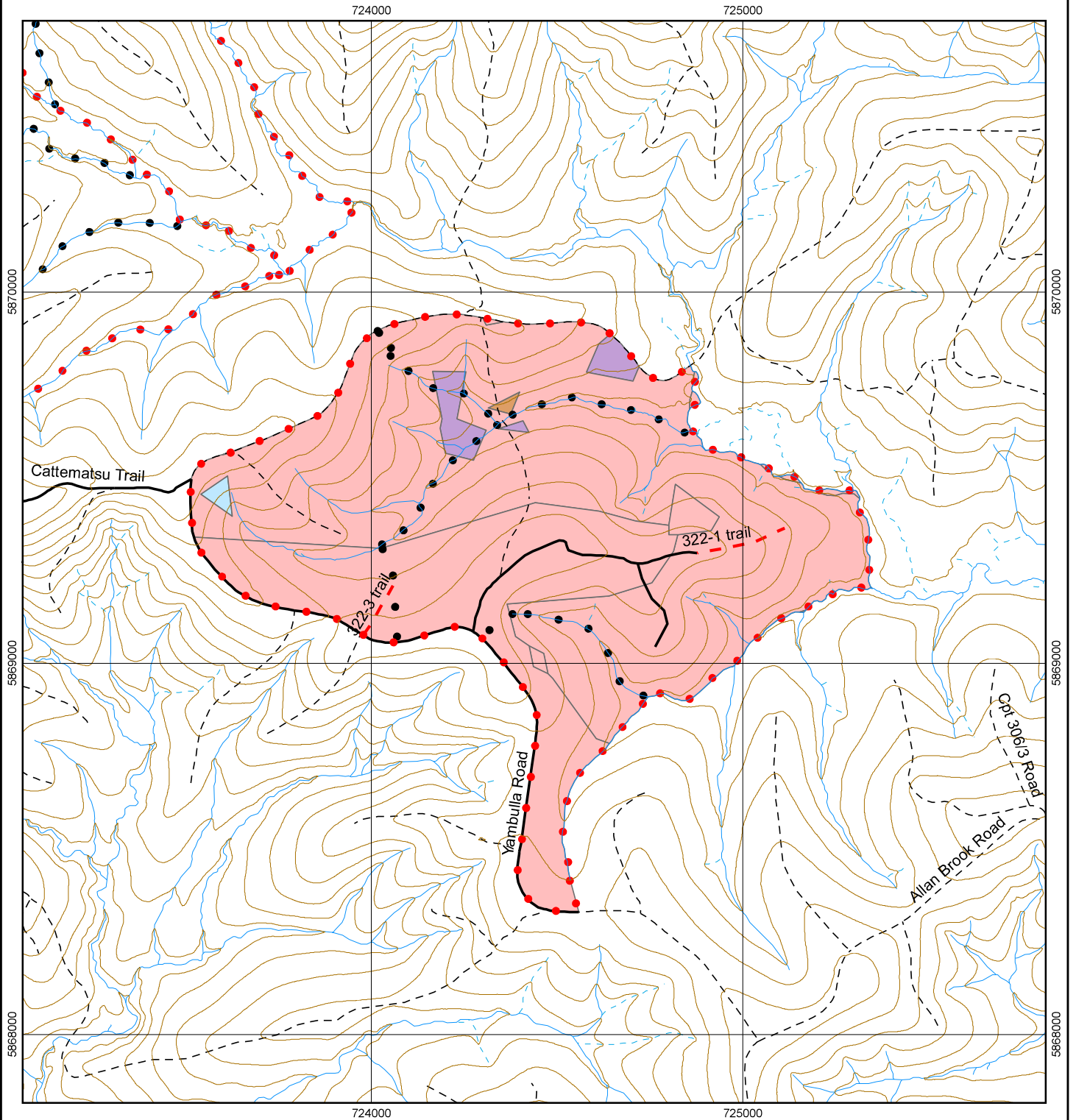
YAMBULLA FOREST  
No: 126  
Cpt No: 322  
ManagementArea: Eden  
Mapsheet: TIMBILLICA(8823-3N)

PlanName: HP\_ED\_320\_322\_371\_372\_398\_17

PlanNo: 52796

Date Printed: 20/01/2017

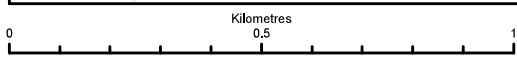
GN M<sub>N</sub>  
1:15,000  
Contour Interval 10m  
GDA\_1994\_MGA\_Zone\_55



- 10m Contour Interval
- LIDAR Corrected Drainage
- - - Indicative Unmapped Drainage Features
- Compartment\_Boundary
- Coupe\_Boundary
- Licenced Haulage Roads
- - - New Licenced Road Construction
- - - Forest Roads
- Low
- Moderate
- High
- Unknown

PREPARED BY Jarod Addinsall DATE: 20/01/2017

CHECKED BY: ..... DATE: .....



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*This site safety plan is for all FCNSW operations of more than one day duration or where an operational plan is in place. Where a contractor is responsible for the work to be undertaken, the contractor must develop their own site safety plan.*

A Medical Emergency Evacuation Plan (MEEP) has been developed and is included below

Location	
Forest Name: Yambulla	Specific location details: Compartments 320, 322, 371, 372 & 398
Date work commenced:	
Description of Work to be undertaken on site: Forest mark-up, road maintenance and/or construction, harvest supervision, compliance monitoring	
On site communication:	
Radio channel number	VHF UHF
Other (e.g. mobile phone numbers of other workers on site, hand signals):	
Site Supervisors	
Name:	Contact number:
Site workers including contractors	
Name:	Contact number:
First Aid Kit locations	
First Aiders on site	
Hazardous chemicals on site	Safety Data sheet location
Mandatory PPE required	Task specific PPE required
Appropriate safety footwear High visibility clothing Long sleeve shirt and trousers	<input type="checkbox"/> Hearing Protection <input type="checkbox"/> Gloves <input type="checkbox"/> Eye Protection <input type="checkbox"/> Hard hat <input type="checkbox"/> Other



## Safety at Forestry

A number of hazards are common to all forest sites. All workers should be aware of the following hazards and ensure appropriate control measures are in place.

Common forest and outdoor hazards	Control	Responsibility
Exposure to sun	Long sleeve clothing, sunscreen, work in shade where possible,	All workers
Exposure to heat, rain and cold	Appropriate clothing, adequate water supply, plan work for cooler times of the day where possible	All workers
Overhead hazards/dangerous trees	Identify and remove dangerous trees in work area. Where unable to remove, mark trees. Assessment of work areas prior to commencement and ongoing with changing weather and wind. Wear hard hat	Supervisors, contractors and all workers
Bites and stings	Permethrin treated clothing Insect repellent Long sleeved shirt/long trousers	All workers
Slips and trips/uneven ground	Boots worn and maintained in good condition Use of aids- walking poles, carry bags, spikes etc	All workers
Mobile Plant	Safe zones established Traffic management systems in place	Supervisors and workers
Vehicle collision at road intersections and road sides	Warning signs at FCNSW road intersections, implement traffic control plans, 60km/hr speed limit on unsealed forest roads, vehicle headlights on at all time when driving.	All workers
Cliff lines & rocky very steep terrain	Operators to assess work site within two tree lengths to identify immediate hazards. Communicate to other operators and mark sites.	Supervisors and contractors
Mine shafts/quarries	Assess snig track routes and tree felling paths prior to operating. Identify and mark site accordingly.	All workers
Dust from passing vehicles along dirt haulage routes	Restrict speed to minimise dust generation, slow down when passing vehicles. Turn on driving and hazard lights to increase visibility.	All workers

The following additional hazards are present at this site: Examples include but are not limited to: other contractors/workers in vicinity, mine shafts, cliffs, underground cables, overhead power lines, mobile plant, traffic, school bus route, log trucks on road, work on or near roads, difficult site access, unauthorised visitors, quarries, asbestos etc

Site Specific Hazards	Control	Responsibility


### Safe Work Practices

The following Safe Work practices are relevant for work conducted on this site (site supervisor to document):

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# Safety at Forestry

## SAFETY DIARY

This diary should be used to record daily safety matters such as toolbox talks, safety inspections etc.

Date	Issue	Initials

## SITE SAFETY PLAN DEVELOPMENT

Date of of initial plan development	Developed By	Position	Signature
16/01/2017	Jarod Addinsall	Senior Planner	

## SITE SAFETY REVIEW

The site safety plan must be reviewed by the site supervisor at a minimum of every 3 months and reviews recorded below. Where changes are made to the site safety plan, these must be recorded on the plan. A new plan may need to be printed where changes are significant.

Date of review	Changes made? If yes, document changes	Conducted by	Initials

**SITE INDUCTION**

I have been briefed by the Forestry Corporation supervisor on-site before starting work or entering the worksite. I have noted and understand my safety responsibilities. I have taken note of and understand the site safety plan and the medical emergency evacuation plan and the attached location map.

Name	Company	Activity	Signature	Date

Emergency Meeting points are shown on the attached Locality Map

	Description	MGA; Zone for EMP; and Lat/Long for helicopter landing point
Phone Reception	Poor	
Emergency Meeting Point	EMP 22 – Intersection of Imlay Rd and Yambulla Rd	Lat/Long: 37° 11' 55.4" S / 149° 36' 1.2" E MGA: 730784 E 5879916 N
Helicopter Landing point	Intersection of Yambulla Rd and Cattamatsu Trail	Lat/Long: 37° 17' 38.7" S / 149° 31' 19.2" E MGA: 723551 E 5869522 N

### Procedures to obtain ambulance assistance

<ol style="list-style-type: none"> <li>1. Dial 000</li> <li>2. If there is no mobile coverage, dial 112 (which will work on any accessible mobile phone system).</li> <li>3. If no response on 112: <ul style="list-style-type: none"> <li>• use a radio link (TARA, be discrete with personal information)</li> <li>• move to an area with mobile coverage</li> <li>• find a landline</li> <li>• use another network (e.g. a contractor's VHF radio)</li> </ul> </li> </ol>	<p>The nearest Forestry Corporation of NSW office is: Eden</p> <p>Contact on:- Any Staff Member</p> <p>Channel: 247</p> <p>Telephone: 1300 880 548</p> <p>Give details of the situation and ask for a 000 call to be placed.</p>
--	--

000 operator question:	Response:
1. Police, Fire, Ambulance?	Ambulance is required Nearest control centre for ambulance: Wollongong
2. Suburb?	State Forest name: Yambulla Nearest town or locality: Yambulla Nearest ambulance station: Eden
3. Address?	Yambulla
4. Nearest road junction/cross street?	EMP 22 – Intersection of Imlay Rd and Yambulla Rd
5. Local Government Area?	Bega Valley
6. Nature of the problem?	Describe the accident, number, age and condition of casualties. Are they conscious, are they breathing?
7. Where is the accident?	Refer to safety meeting point above
Directions to navigate from nearest ambulance station to the emergency meeting point.	Travel south from Eden on Princes Hwy for approx. 26km, turn right onto Imlay Rd and travel west for approx. 24km to arrive at EMP 22.
8. 4WD ambulance required?	Yes/No:            UHF radio channel to use:
9. Injuries?	Give detailed information about the condition of the casualty (do not mention names over radio system)
10. Your name and call back number:	

# Hardwood Forests Division

## Harvest and Haul Plan



State Forest	Yambulla	IFOA Region	Eden				
Management Area	Eden	Compartments	320	322	371	372	398
Harvest Plan No.	52796	Coupes	Part 1.	Part 1, Part 3.	3.	Part 1, Part 2.	1.
Legal Conditions	<p>Native Forest Harvesting in accordance with IFOA conditions.</p> <p>Harvesting and Roding activities must have EPL coverage.</p> <p>To implement this plan you must hold a current Contractors Licence.</p> <p>Standard Harvest Plan Conditions and Operating Procedures apply.</p> <p>Survey expiry date for this plan is 30/6/2018.</p>						
Certification	Timber products removed from the plan area are within the Defined Forest Area covered by Australian Forestry Standard AS4708:2013 Certificate 604224						
Prepared by	Planner	Jarod Addinsall				Date: 20/01/2017	
	Jarod Addinsall						
Approved by	Operation Planning Mgr	Lee Blessington				Date: 20/01/2017	
	Lee Blessington						
Abbreviations	<p>PA = Production Assistant, PS = Production Supervisor, RC = Roding Coordinator, Crew = Harvest Contractor/Forest Operators, IFOA = Integrated Forestry Operations Approval, TSL = Threatened Species Licence, EPL = Environment Protection Licence, FL = Fisheries Licence, CH = Cultural Heritage, SOP = Standard Operating Procedure, HPOM = Harvest Plan Operational Map.</p>						

### 1. Harvest Area Details

	Cpt 320	Cpt 322	Cpt 371	Cpt 372	Cpt 398	Total
Event ID	64220	64221	64222	64223	64224	
Gross Area (ha)	159	134	146	176	192	807
Harvest Area	4	39	7	27	37	114
Estimated Yield	500	2,300	850	2,400	4,500	10,550
Yield/ha	120	60	120	90	120	
Slope (% 0-20 degrees)	75	99	100	100	87	
Slope (% 20-25 degrees)	20	1	0	0	11	
Slope (% 25-30 degrees)	5	0	0	0	2	

Document title: HP_ED_320_322_371_372_398_17	Version No.: 1	Page 1 of 13
Harvest Plan no.: 52796	Approval Date: 20/01/2017	Expiry Date: 20/01/2027

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Contractor must ensure timber removed is allocated to the correct compartment when entered onto Delivery Docket.

## 2. Management Conditions on Boundaries

Boundary	Conditions
FMZ	<p>FMZ 2-Special Management, FMZ 3A Harvesting Excluded, and FMZ 4- General Management occur within the compartments and are shown on the HPOM.</p> <p>FMZ 2 &amp; 3A – Harvesting and harvesting machinery are not permitted in these areas. PA must mark boundaries as shown on the HPOM.</p>
Research	<p>Research Plots – Eden Coastal Permanent Plot -(ECPP40) is located east of dump A. The ECPP is to be treated the same as the surrounding harvested area. The PA must collect all metal measurement tags from trees fallen during harvesting and return them to the Resources and Tactical Planning Manager.</p> <p>Any other inventory plots located during the harvesting operation which are not shown on the HPOM or described above are to be treated the same as the surrounding area.</p>
National Park	<p>National Park forms the western boundary of the compartments and is shown on the HPOM. The PA must mark the boundary as mapped. The crew must ensure access roads to the National Park are not impeded by forestry activities and the roads condition is maintained.</p>
Cultural Heritage	<p>Surveys have been conducted. There are no recorded heritage items/places within the compartments.</p> <p>If any potential heritage sites are identified notify the planner immediately.</p>

## 3. Expected Yields

Product Estimates	Volume
Sawlog	2,000m <sup>3</sup>
Pulp	8,550t
Total	10,550t

Species	Species Mix (Sawlog)
STA	75%
SBK	20%
MM	5%

## 4. Haulage

Haul Route	<ul style="list-style-type: none"> <li>North out Stanley Rd, turn right onto Poole Rd, turn left onto Yambulla Rd, turn right onto Imlay Rd, and then left onto the Princes Hwy.</li> <li>South out Cattermatsu Trail, right onto Yambulla Rd, turn right onto Allan Brook Rd, turn left onto Broadaxe Rd, and then left onto the Princes Highway.</li> </ul>
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## 5. Community

Issue	Detail	Conditions
Notifications Required	Nil	All relevant notifications have been conducted. A notification list for FCNSW staff is available from the planner.

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Harvest Plan no.: 52796	Approval Date: 20/01/2017	Expiry Date: 20/01/2027

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Pests/Weeds	Myrtle Rust	Is known to occur in Bega Valley/Cooma-Monaro Shires. To prevent further spread the crew/haulage operators must ensure all harvesting machinery, equipment and vehicles heading west from BegaValley/Cooma-Monaro Shire or south into Victoria are checked and all infected vegetation removed.
Forest Permits	4 apiary ranges are occupied.	Bee Permit holders must be contacted by the PA at least two weeks prior to use of any log dumps that are occupied by bee hives.

## 6. Infrastructure

Infrastructure	Conditions
Utilities Underground	None identified. The crew must report any damage to underground utilities immediately.
Transmission lines	None identified.
Gravel Pits/Borrow Pits	N/A

## 7. Harvesting Conditions

Silviculture Type	Harvesting Objectives and Condition for each stand condition		
Modified Shelter-wood (MSW)	<p>The harvest area is predominately mature to over mature Silvertop Ash and Yellow Stringbark in mixed aged stands. The objective is to harvest all commercially available trees to create canopy openings and ensure mechanical disturbance creates a suitable seed bed for regeneration of the stands.</p> <p>Crew to target sawlogs, pulpwood and other miscellaneous products as markets allow.</p> <p>PA to instruct crew to retain patches (&gt;0.5ha) of quality advanced regeneration where they occur.</p> <p>Crew to remove all merchantable stems not marked for retention.</p> <p>The crew is responsible for protecting retained seed trees and retaining patches of advanced regeneration.</p>		
IFOA Limits	MSW	IFOA Limits	Thinning
Gross Area	807	Thinning Area	NA
Harvest Area	114	Pre-Thin BA/SPH	NA
		Post-Thin BA/SPH	NA
Planned Removal	Max 29% (cpt 322)	Planned Removal/SPH	NA

## 8. Tree Retention - refer to TSL booklet for full conditions

Prescription	Condition/Responsibility
	Mark-Up – the PA is responsible for marking up the forest ahead of harvesting operations consistent Forest Mark Up and Tree Retention SOP

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Harvest Plan no.: 52796	Approval Date: 20/01/2017	Expiry Date: 20/01/2027

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Compartment Mark-Up Survey (5.1, 5.2)	Compartment mark-up surveys must be conducted at least 100m in advance of operations. The survey must search for threatened and protected species features listed in conditions 5.1 and 5.2 of the TSL.												
Hollow-bearing and Recruitment tree retention (H and R)	<p>Non-Regrowth Zone - 5.6, conditions apply.</p> <p>Additional H trees for Greater Glider condition does not apply.</p> <p>PA must verify the habitat quality and record on the habitat quality map. PA must select and mark H and R trees as per the habitat quality.</p> <table border="1"> <thead> <tr> <th>Habitat Quality</th> <th>H Trees/2ha</th> <th>R Trees/2ha</th> </tr> </thead> <tbody> <tr> <td>High</td> <td>12</td> <td>12</td> </tr> <tr> <td>Moderate</td> <td>8</td> <td>8</td> </tr> <tr> <td>Low</td> <td>4</td> <td>4</td> </tr> </tbody> </table>	Habitat Quality	H Trees/2ha	R Trees/2ha	High	12	12	Moderate	8	8	Low	4	4
Habitat Quality	H Trees/2ha	R Trees/2ha											
High	12	12											
Moderate	8	8											
Low	4	4											
Significant Food Resources (5.6 k)	PA must mark for retention - 6 Eucalypt feed trees/2 ha where they occur, glider sap feed trees, stands of forest oak and forest oak feed trees.												
Harvesting - crew and HC responsibilities													
Protection of Retained Trees (5.6g)	<p>Trees marked or selected for retention must not be felled.</p> <p>The crew must minimise damage to H, R and E trees must by using directional felling.</p> <p>Harvesting debris should not accumulate within 5 m of retained trees. Where debris does accumulate the crew must remove or flatten to &lt; 1m high.</p> <p>The PA must be notified of any badly damaged retained trees and they must assess and record if a replacement retained tree is required.</p>												
Stag Retention (Dead standing trees 5.6e)	<p>The crew should retain stags where safe to do so.</p> <p>The crew must record the date, DBH, risk and location of unsafe stags removed</p>												
Significant food resources	The crew should avoid damaging flowering or fruiting banksias or grass trees.												

## 9. Site-Specific Flora and Fauna

Condition	Boundary Type	Prescription
Riparian Habitat Protection (5.7)  (Lidar Corrected)	Pink Tape	<p>Implement filter strip/stream exclusion zone around drainage features as shown on the HPOM. Refer to SOP1.</p> <p>PA must mark the location of all mapped and UMDL.</p>

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Harvest Plan no.: 52796	Approval Date: 20/01/2017	Expiry Date: 20/01/2027

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Rare Old Growth Forest Communities (5.3)	Pink Tape	<p>Rare Old Growth Forest Communities are mapped in the compartments.</p> <p>The PA must mark as an exclusion the Rare Old Growth Forest Communities boundary as shown on the HPOM.</p> <p>The crew must protect all areas of marked Rare Old Growth Forest Communities.</p>
Rainforest (5.4)	Pink Tape	<p>Rainforest is mapped in the compartments.</p> <p>The PA must mark as an exclusion the Rainforest exclusion zone as shown on the HPOM.</p> <p>The PA must search for and mark all areas of unmapped rainforest.</p> <p>The crew must protect all areas of marked Rainforest.</p>
Rare Forest Ecosystems (5.5)	Pink Tape	<p>Rare Forest Ecosystems are mapped in the compartments.</p> <p>The PA must mark as an exclusion the Rare Forest Ecosystems boundary as shown on the HPOM.</p> <p>The crew must protect all areas of marked Rare Forest Ecosystems.</p>
Ridge & Headwater Habitat (RHH) (5.8)	Pink Tape	<p>RHH is mapped in the compartments.</p> <p>The PA must mark as an exclusion the RHH boundary as shown on the HPOM.</p> <p>The crew must protect all areas of marked RHH.</p>
Rocky Outcrops and Cliffs (5.11)	Pink Tape	<p>Rocky Outcrop is mapped in the compartments.</p> <p>The PA must mark as an exclusion the rocky outcrop + relevant exclusion zone as it occurs on the ground.</p> <p>Areas of rock have been identified from desktop mapping and are shown on the HPOM. The PA must inspect these areas and assess for potential rocky outcrops.</p> <p>The crew must protect all areas of marked rocky outcrop.</p>
Long-nosed Potoroo (6.7)	Pink Tape	<p>Long-nosed Potoroo Tree Retention Area is shown on the HPOM. Harvesting and Burning must be excluded from this area.</p> <p>The PA must mark as an exclusion the Long-nosed Potoroo Tree Retention Area as shown on the HPOM.</p> <p>The crew must protect all areas of marked Long-nosed Potoroo Tree Retention Area.</p>
Feed trees for Glossy black cockatoo, Yellow Bellied Glider, Squirrel Glider	Pink Tape and paint	<p>PA must ensure mapped feed trees are marked prior to harvesting.</p> <p>Crew must protect all marked feed trees.</p> <p>Yellow-bellied Glider Feed Tree: 721491E 5871292N – Not marked.</p>

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Fish	N/A	No fisheries licence conditions apply.

### 10. Soil & Water – Refer to EPL Booklet for full conditions

Issue	Assessment	Conditions
EPL Scheduled Activity	Yes	
Inherent hazard level 322, 371 & 372 320 & 398	- IHL 1 - IHL 2	Special prescription for Wallagaraugh Adamellite R2 soils: - No harvesting on slopes greater than 25 degrees; - Where practicable snig track grade must not exceed 20° unless approved by PA. - Where snig track grades > 20° crossbanks must be half the EPL spacing.
Dispersible Soils	No	Nil
Mass Movement / Instability	No	Nil
Seasonality conditions	No	Nil
Historical or existing erosion	No	Nil
Ground cover	>70%	Nil
Seasonal Burning conditions	No	Nil
Log Dumps	SOP 5	PA is responsible for authorising moving the location of a log dump.
Roading management during harvesting	SOP 6	Refer to SOP 6. PA is responsible for monitoring road and crossing drainage during haulage.
Wet Weather and Rutting	SOP 6	Crew is responsible for implementing automatic closures and following notified closures. PA is responsible for ensuring crew notified when notified closure is lifted.
Snigging	SOP 8	Crew is responsible for progressive drainage of snig tracks
Snig Track Crossings	SOP 9	PA is responsible to ensure snig track crossings are approved prior to use and rehabilitated upon completion.

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## 11. Crossing Approvals

All crossing approvals are shown on the operational map – any other feature crossings must be assessed, recorded below and approved by the Operations Planning Manager before use.

Crossing	EPA Approval	Conditions
Nil	NA	Nil

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**12. Operational Plan Briefing:** A briefing of this operational plan was conducted by

Person	Role	Nature of Briefing	Date

**13. Acknowledgement of Briefing:** I acknowledge that I have received a copy of the plan documents and that I have been briefed on the conditions of the Plan. I understand the operational control requirements as outlined in the plan and take responsibility for the implementation of plan conditions relevant to my responsibilities

Name	Role	Signature	Date

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**14. Standard Operating Procedures:** The following SOP's apply to this plan. FCNSW staff and the crew must hold a copy on site whilst operating and comply with the conditions set out in each SOP.

Procedure Number	Title
1	Drainage Feature Protection
2	Exclusion Zone Boundary Management
3	Forest Mark-Up
4	Operating in Inherent Hazard Level 3 Areas
5	Log Dump Operation and Use
6	Road and Crossing Management and Wet Weather Controls
7	Safety Requirements
8	Snigging and Snig Track Crossing
9	Documentation and approvals

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Operational Diary:

Date	Issue	Action Required	Action Completed	Initials
Record: Daily activities (eg tree marking, dump 2); Condition 5.2 of TSL items - EEC locations, rocky outcrops, koala scats, feed tree identification etc), discussions with stakeholders/neighbours/ site visitors; areas of impenetrable understorey; unviable areas not marked, non-conformances; harvesting issues identified, twice weekly road and crossing drainage checks				

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**15. Roothing Plan:** Maintenance works not completed by RC must be recorded and passed onto the PA for completion and documentation. The start and finish dates of all maintenance and construction must be recorded on the individual roading sheets along with other relevant changes or explanations. All rubber flaps on minor forest roads must be removed and replaced with trafficable rollover banks on completion of operation.

Summary of roading requirements		
Feature	Details	Works Required
Existing roads to be used.	7,950m/9	Yes
New roads to be constructed	1,070m/4	Yes
Existing crossings used	3	Yes
New crossings to be constructed	Nil	NA
Length of road >10°	100m	NA
Borrow pits and gravel pits	Nil	NA
Mass movement prescriptions apply	No	NA
Dispersible soil conditions apply	No	NA
Seasonality provisions apply	No	NA

Checklist of works required on roads & crossings				
Road/Crossing Name	Works Required	Date Started	Date Finished	Initials
Yambulla Rd FCNSW Responsibility 1,960m	Clear and/or reshape road formation. Clear roadside vegetation up to 3m either side of road. Clean/clear out existing drainage structures. Re-instate mitre drain at location E724430 N5868893. RC/PA Comments:			
Stanley Rd FCNSW Responsibility 2,270m	Clear and/or reshape road formation. Clear roadside vegetation up to 3m either side of road. Clean/clear out existing drainage structures. RC/PA Comments:			
Lotto Trail Contractor Responsibility 510m	Clear and/or reshape road formation. Clear roadside vegetation up to 3m either side of road. Install drainage as per EPL. RC/PA Comments:			
320-1 Trail Contractor Responsibility 1,320m	Clear and/or reshape road formation. Clear roadside vegetation up to 3m either side of road. Install drainage as per EPL. RC/PA Comments:			

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322-1 Trail Contractor Responsibility 750m	Clear and/or reshape road formation. Clear roadside vegetation up to 3m either side of road. Install drainage as per EPL. RC/PA Comments:			
322-2 Trail Contractor Responsibility 260m	Clear and/or reshape road formation. Clear roadside vegetation up to 3m either side of road. Install drainage as per EPL. RC/PA Comments:			
322-1 Trail extension Contractor Responsibility	Construct 250m of access trail with maximum road prism of 7m. Maximum grade of 4 degrees and maximum side slope of 5 degrees. RC/PA Comments:			
322-3 Trail Contractor Responsibility	Construct 160m of access trail with maximum road prism of 7m. Maximum grade of 5 degrees and maximum side slope of 4 degrees. RC/PA Comments:			
371-1 Trail Contractor Responsibility	Construct 270m of access trail with maximum road prism of 7m. Maximum grade of 8 degrees and maximum side slope of 7 degrees. RC/PA Comments:			
372-1 Trail Contractor Responsibility 240m	Clear and/or reshape road formation. Clear roadside vegetation up to 3m either side of road. Install drainage as per EPL. RC/PA Comments:			
372-2 Trail Contractor Responsibility 350m	Clear and/or reshape road formation. Clear roadside vegetation up to 3m either side of road. Install drainage as per EPL. RC/PA Comments:			

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372-3 Trail Contractor Responsibility 290m	Clear and/or reshape road formation. Clear roadside vegetation up to 3m either side of road. Install drainage as per EPL. RC/PA Comments:			
398-1 Trail Contractor Responsibility	Construct 390m of access trail with maximum road prism of 7m. Maximum grade of 11 degrees and maximum side slope of 12 degrees. Road grade in excess of 10 degrees for 100m at 11 degrees. RC/PA Comments:			
C1 FCNSW Responsibility	Refer to C1 crossing form. RC/PA Comments:			
C2 FCNSW Responsibility	Refer to C2 crossing form. RC/PA Comments:			
C4 Contractor Responsibility	Refer to C4 crossing form. RC/PA Comments:			

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