

SAFETY & ENVIRONMENTAL MANAGEMENT SYSTEM

GUIDELINES FOR PLANNING NON-FPP AND RESERVE ACTIVITIES

Community Consultation/Notifications ⁴:

Stakeholders include neighbours, community groups, recreationists, tourists, licensees/leasees (apiarists, agistment, communication towers, research), etc.

Stakeholder	Consulted? (Yes/No)	Interest Level (Low, Med, High)	Concern Level (Low, Med, High)	Details on consultation

Documentation Checklist ⁵:

Activity Level	SOP Step	Responsibility (Nominated Officer)	Compilation of information	Date Completed	By Who
A and B	1.1		Identify if proposed activity fits within:		
A and B			♦ Reserve objectives (Forest Reserve Register)		
A and B	1.1		♦ Legislative/external approval requirements		
A and B			♦ FT Policies		
A and B	1.2		Collate existing information (desktop analysis):		
B			♦ Review library/files for relevant Reserve information		
A and B			♦ MDC Map (1:25,000)		
A and B			♦ Planning Map (1:10,000)		
A and B			♦ Conservation Map and Report (1:25,000)		
A and B			♦ Aboriginal Sites Enquiry Map and Report (1:25,000)		
A and B			♦ Tasveg Communities Map (1:25,000)		
B			♦ Wedge-tailed Eagle Map (1:25,000)		
B			♦ Karst Area/Catchment Map (1:25,000)		
B			♦ Aboriginal Archaeological Potential Zone Map (1:25,000)		
B			♦ Landscape Management Objective Map (1:25,000)		
B			♦ Tasmanian Geoconservation Map (1:25,000)		
B			♦ Geology Map (1:25,000)		
B			♦ High Quality Wilderness and Undisturbed Rivers Map (1:25,000)		
B			♦ Property Rights Map (1:25,000)		
B			♦ Giant Trees Map (1:10,000)		
B			♦ Town Water Intakes check		
A and B	1.3		Field Surveys – record and/or confirm site information		
A and B	1.4		Assess impacts of proposed activity and develop management prescriptions		
A and B	1.5		Consult with relevant parties		
A and B	1.6		Apply for external approvals		
A and B	2.1		Obtain FT approvals		
A and B	2.2		Obtain external approvals		

**SAFETY & ENVIRONMENTAL MANAGEMENT SYSTEM
GUIDELINES FOR PLANNING NON-FPP AND RESERVE ACTIVITIES**

Approvals ⁶:

Name	Signature	Date	Position
			Planner/Works Supervisor
			District Forest Manager
			Senior Forest Management Planner
			Manager, Planning
			External Approvals Received (signed by planner)

APPENDIX 2

NON-FPP AND RESERVE ACTIVITY MONITORING SHEET

Activity Details:

Date of Assessment:		Assessor Name:	
Project Title:			
Reserve Name:			
District:		Activity Type:	
Extent/Area (ha):		Activity Level:	
District File Number:		Head Office File Number:	

Monitoring comments: (Comment/record new unidentified impacts or issues and management actions to deal with these and carry these through to the CAR system where appropriate)

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper appears to be a standard notebook page or a sheet of stationery.

Completion checks:

Item	Yes	No	N/A	Comments
Geodiversity: Have geodiversity values (including karst) been protected and maintained?				
Flora and Fauna: Has the activity ensured protection of flora and fauna values to the greatest possible extent?				
Landscape: Has particular care been taken to protect landscape values?				
Wilderness and Wild Rivers: Has disturbance been minimised to the hydrological, geomorphological and biological processes of wild rivers?				
Cultural Values: Have cultural heritage values been protected?				
Social Values: Has the activity prevented people from exercising their social values associated with the reserve?				
Recreational Values: Have recreational opportunities in the reserve been diminished as a result of the activity?				
Environmental Quality (Air, Water, Noise): Has the natural quality of air, water and noise been restored?				
Environmental Monitoring (Water): Has water monitoring been carried out?				
Protecting Reserve Values: Has restoration/rehabilitation been undertaken?				
Legislation and Policy: Has activity complied with legislation and policy?				
Legislation and Policy: Have permit conditions been met?				
Impacts on values: Have all decisions about activities been recorded?				
Impacts on values: Have any additional impacts been identified?				
Impacts on values: Have any additional impacts been documented?				
Impacts on values: Have management actions to avoid/mitigate impacts been implemented?				
Impacts on stakeholders: Have there been any complaints about the activity to FT?				
System requirements: Have identified environmental aspects and impacts and associated control measures been addressed?				
System requirements: Have identified safety and health hazards and risks and associated controls been addressed?				

Sign off (for completion):

Completion compliance assessed by: _____ Signed: _____

Date: _____ Copy of completion sign off send to Planning Branch: **Yes/No** Date: _____

APPENDIX 3
NON-FPP AND RESERVE ACTIVITY VARIATION FORM

Activity Details:

Project Title:			
Reserve Name:		Block Name:	
Contact Officer:			
District:			
Planned Activity:			
Location (GDA Ref):		Activity Level:	
Proposed timing of activity:		Proposed duration of activity:	
Extent/Area (ha):		FOD Operation ID:	
Information on the works proposed:			
Summary of prescriptions required:			
Does the activity still comply with legislative requirements?			
Does the activity still comply with FT Policies?			
Does this variation require any additional community consultation/notifications?			
Has the District Forest Manager approved this variation?			
Has Planning Branch approved this variation?			

Natural and Cultural Values: (Make sure you consider all aspects of the activity including peripheral disturbance associated with the activity e.g. access to site, construction disturbance, etc.)

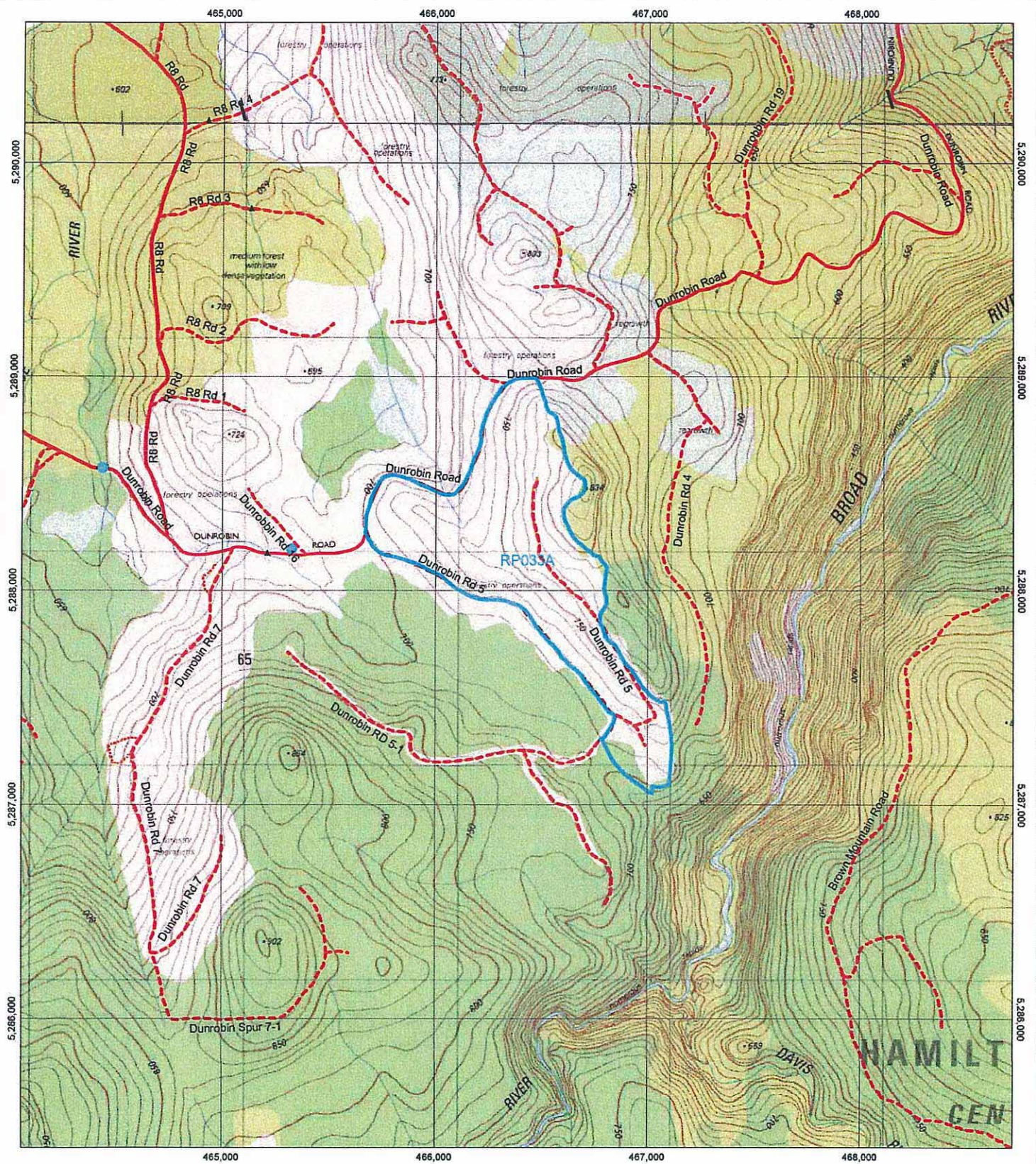
Value	Existing conditions (<u>record all values present on site</u> , N/A if values not present)	Site surveys (<u>who conducted field surveys</u> , specialists involved, references consulted)	Impact of activity on value (including cumulative effects)	Management action to be taken to avoid/mitigate impact (including ongoing monitoring and rehabilitation)
FLORA (vegetation communities present, threatened species, priority communities, critical habitats)	Vegetation communities present are:			
FAUNA (threatened species habitats or potential threatened species, management agreements)	Threatened species habitat is present for:			
GEOLOGY/GEODIVERSITY (Geological substrate, Tas Geocon Dbase, Karst)	The primary geological substrate is:			
SOILS (description of soil type present, erosivity)	Primary soil types are:			
WATER/STREAMS (Water intakes, water quality and quantity)				

**SAFETY & ENVIRONMENTAL MANAGEMENT SYSTEM
NON-FPP AND RESERVE ACTIVITY VARIATION FORM**

Value	Existing conditions (<u>record all values present on site</u> , N/A if values not present)	Site surveys (<u>who conducted field surveys</u> , specialists involved, references consulted)	Impact of activity on value (including cumulative effects)	Management action to be taken to avoid/mitigate impact (including ongoing monitoring and rehabilitation)
LANDSCAPE (visual impact and management)				
WILDERNESS and WILD RIVERS (High Quality Wilderness, Wild River Catchment)				
ABORIGINAL VALUES (Relics, Artefacts, Sites, Traditional use, APZ Zone)				
HISTORIC VALUES (Relics, Sites, Items)				
RECREATION (known recreational uses/users e.g. walking, motorbike riding, fishing, etc.)				
SOCIAL (Traditional uses, as evident in field e.g. grazing, recreation, firewood collection, mining, etc.)				
ENVIRONMENTAL QUALITY – AIR, WATER, NOISE (usually all good quality prior to activities)	Air: Water: Noise:			
GENERAL PROTECTION MEASURES (fire, weeds, PC, soil, rehabilitation, spills)				
OTHER (property rights issues, access, etc)				

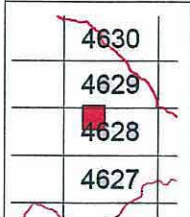
Approvals:

Name	Signature	Date	Position
			Planner/Works Supervisor
			District Forest Manager
			Senior Forest Management Planner
			Manager, Planning



- Bridge
 - Log Culvert
 - Water point
 - Provcoupe & Info (Boundary)
 - Significant all weather 2 lane feeder road
 - Single lane all weather minor road
 - Single lane minor road
- DPIW 25K Topo Map Image

LOCATION MAP



NOTE: Map co-ordinates are based on GDA94

Topographic map data is supplied by DPIWE

Boundaries may not co-incide due to different capture scales



TasMap Base by Provcoupe

Coupe id: RP033A
Mapsheet: ELLENDALE 4628

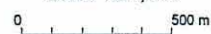
Date: Monday, 28 July 2008

Prepared by: Vanessa Thompson

Plot identifier: vntmcbsmp2008.07.28.05.46.46

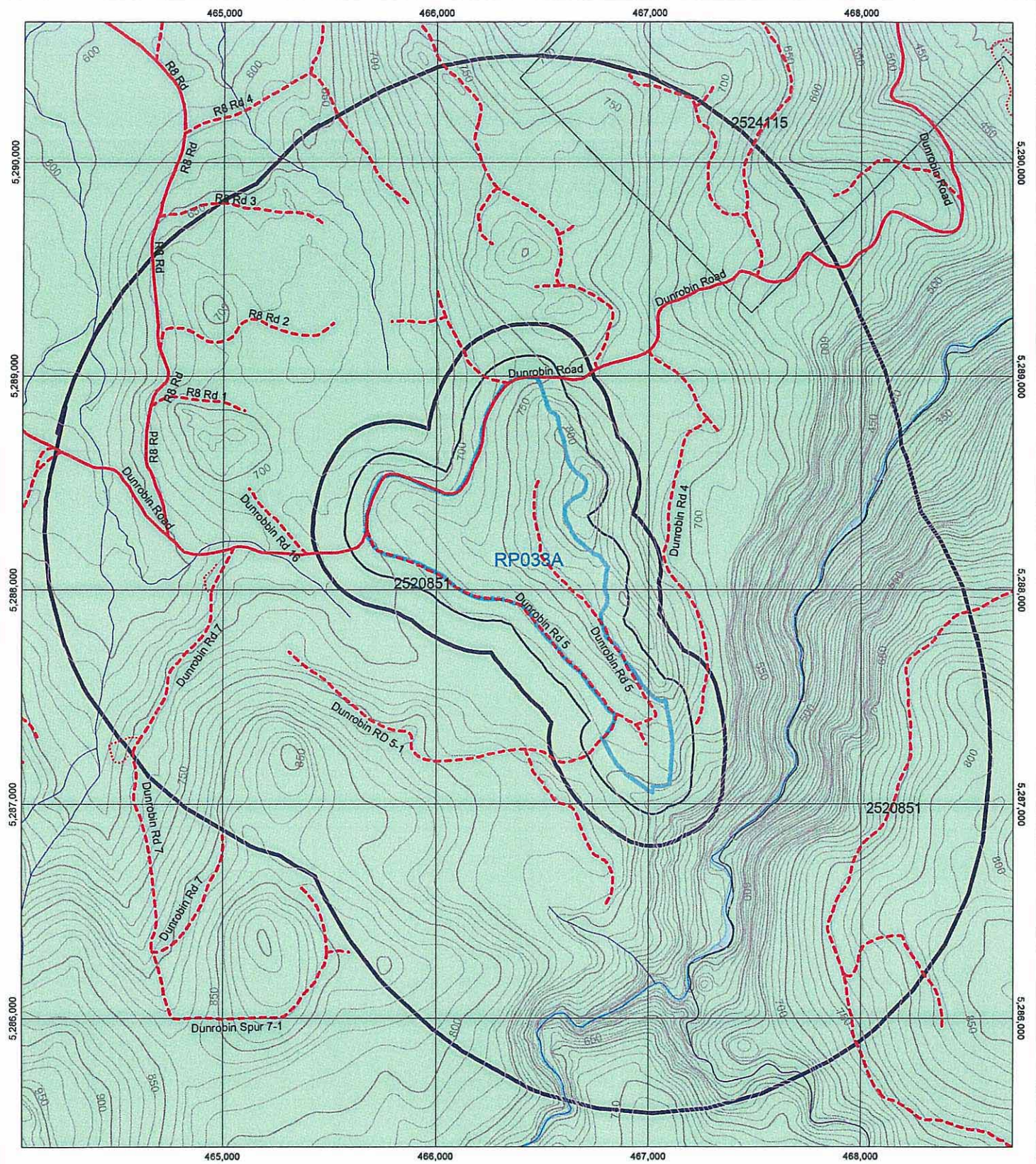
Prepared for:

Scale 1:25,000



A4P





- | | | | |
|---|--|--|--|
| <ul style="list-style-type: none"> Transend Transmission Lines Significant all weather 2 lane feeder road Single lane all weather minor road Single lane minor road | <ul style="list-style-type: none"> Rivers (Class 1 and 2) 50 Metre Contour (25K) 10 Metre Contour (25k) Coupe Live (Boundary) Cadastre of Tasmania (DPIWE) Forest Operations (100m) Shooting (250m) | <ul style="list-style-type: none"> Burning (1500m) WHA - Boundary World Heritage Area Water HEC land - Vested or Private National Park, Historic Site & Nature/State Reserve | <ul style="list-style-type: none"> Private Property State Forest |
|---|--|--|--|

NOTE: Map co-ordinates are based on GDA94

Topographic map data is supplied by DPIWE

Boundaries may not co-incide due to different capture scales

LOCATION MAP



Notification Map RP033A

Date: Monday, 28 July 2008

Prepared by: Vanessa Thompson

Plot identifier: vntmcnot_p2008.07.28.05.46.51

Prepared for:

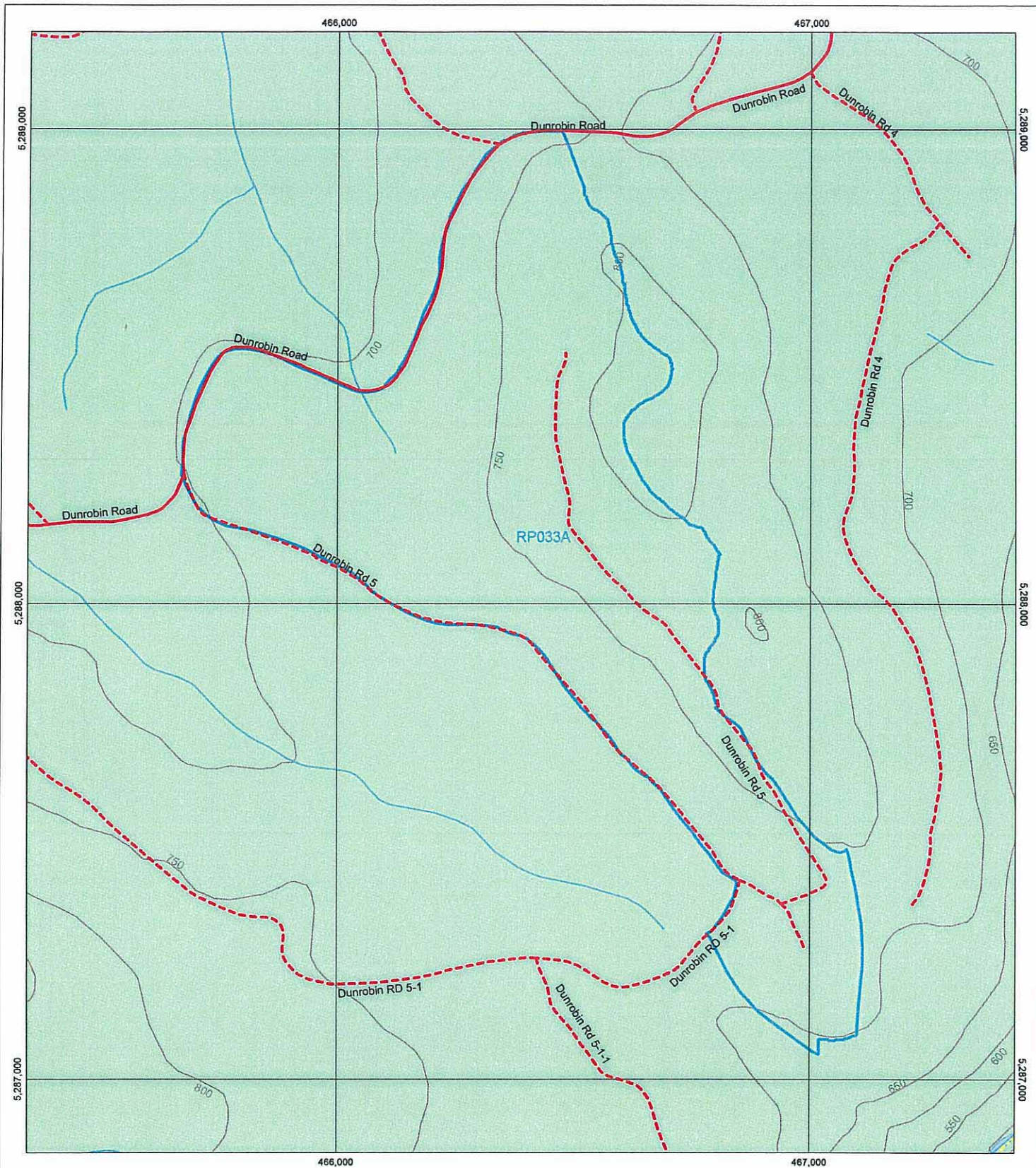
Scale 1:25,000



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- Significant all weather 2 lane feeder road
- - - Single lane all weather minor road
- Plan Coupe Base (Boundary)
- 50 Metre Contour (25K)

- Land owned by the crown
- Land owned by Forestry Tasmania
- WHA - Boundary
- World Heritage Area
- Water
- HEC land - Vested or Private

- National Park, Historic Site & Nature/State Reserve
- Private Property
- State Forest

LOCATION MAP

4629

4628

NOTE: Map co-ordinates are based on GDA94

Topographic map data is supplied by DPIWE

Boundaries may not co-incide due to different capture scales



Property Rights RP033A

Date: Monday, 28 July 2008

Prepared by: Vanessa Thompson

Plot identifier: vntmcp_r_2008.07.28.05.46.45

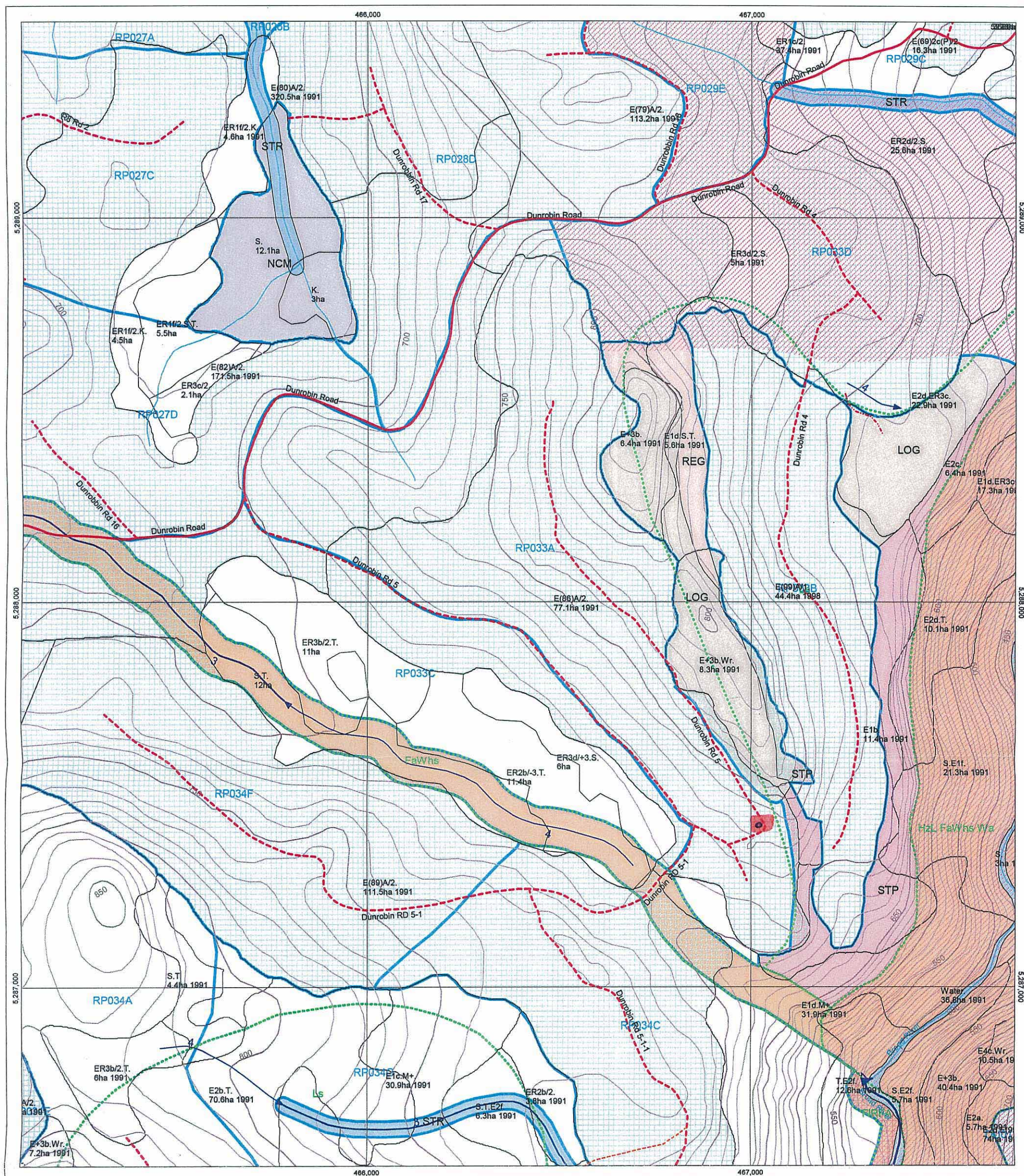
Prepared for:

Scale 1:11,225

0 250 m

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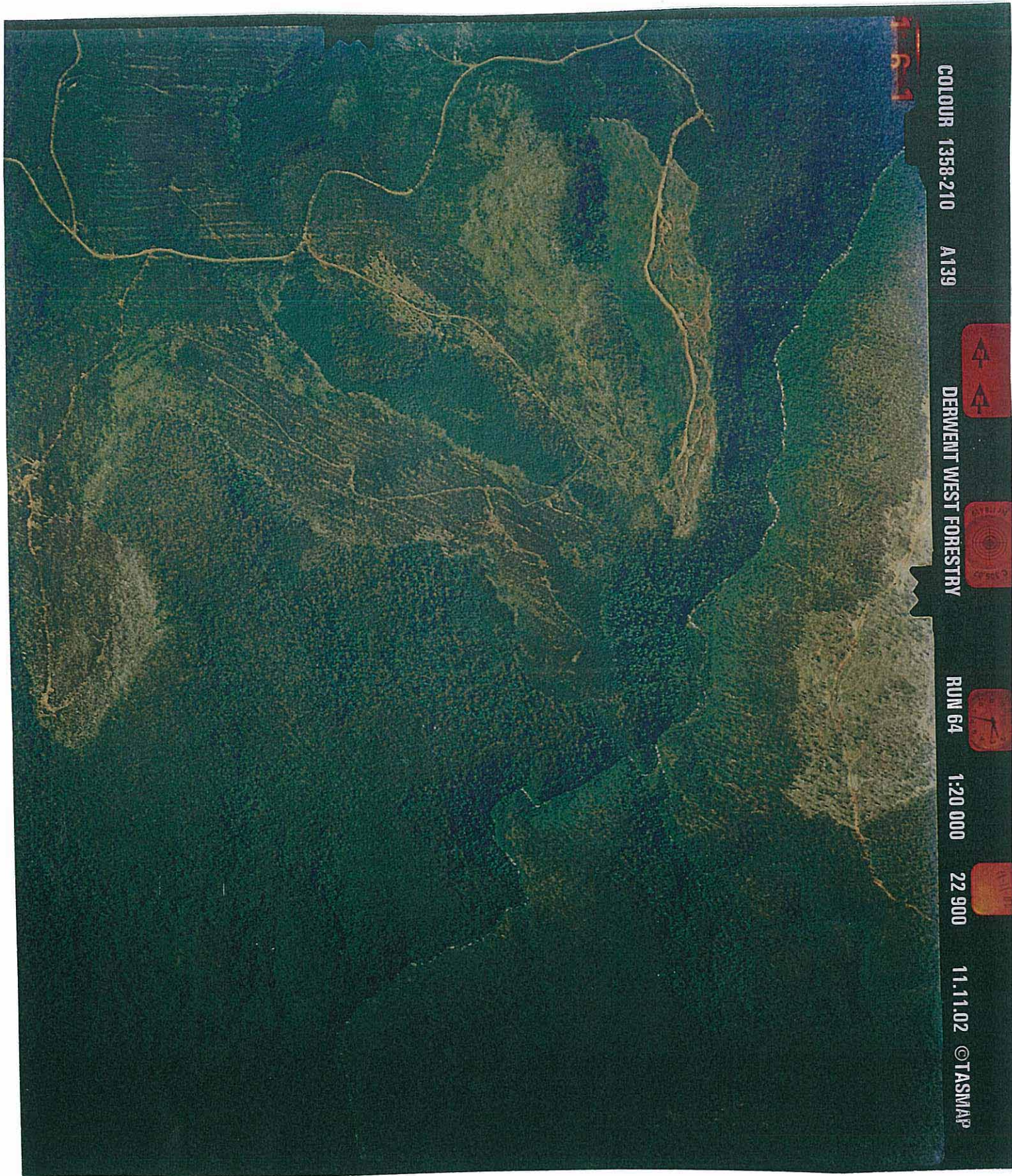
<ul style="list-style-type: none"> Located or marked out roads Provisional mapped roads Significant all weather 2 lane feeder road Single lane all weather minor road Class 1 stream 	<ul style="list-style-type: none"> Class 3 stream Class 4 stream Transend Transmission Lines 50 Metre Contour (25K) 10 Metre Contour (25K) 	<ul style="list-style-type: none"> Pitype (Boundary) MDC (SMZ Type Labels) Provcoupe & Info (Boundary) Biodiversity Spine Native Forest Pitype - Regen 	<ul style="list-style-type: none"> Water TCFA Informal Reserves Protection Informal Reserve Unloggable Non commercial 	<ul style="list-style-type: none"> Regen problems Steep Streamside reserve 	LOCATION MAP
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NOTE: Co-ordinates on this map are based on GDA94. Any topographic data on this map has been supplied by OPWVE. Data has been captured in 100m contours & boundaries may not always coincide.

	<h2>Planning map based on RP033A</h2> <p>Mapsheet: ELLENDALE 4628 , Area of RP033A is 90.1 hectares</p> <p>Map Centre Coordinates: 466392 mE, 5288024 mN</p>		<p>GROWING OUR FUTURE</p>
	<p>Plot identifier: vnimodipm2008.07.28.05.46.45</p> <p>Date: Monday, 28 July 2008</p>	<p>Prepared by: Vanessa Thompson</p> <p>Prepared for:</p>	

Scale 1:10,000

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1:63

COLOUR 1358-210

A139



DERWENT WEST FORESTRY



RUN 64

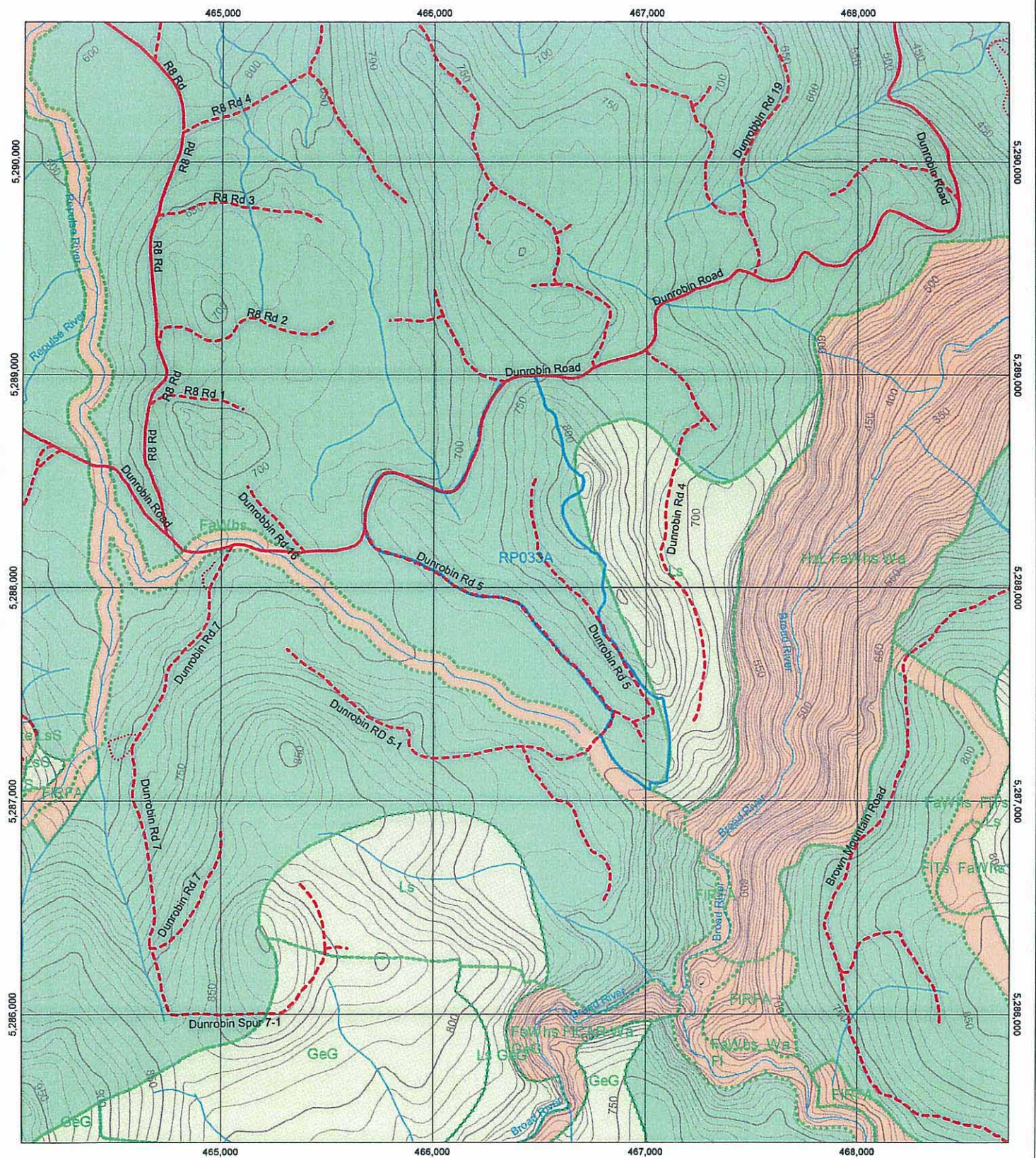


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22 900



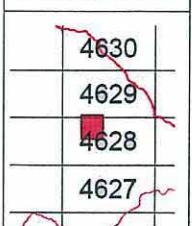
11.11.02 ©TASMAP



- Significant all weather 2 lane feeder road
- - - Single lane all weather minor road
- . . . Single lane minor road
- Plan Coupe Base (Boundary)
- MDC (SMZ Type Labels)
- 50 Metre Contour (25K)
- 10 Metre Contour (25K)
- Production with additional Special Management
- Production

 Protection Informal Reserve

LOCATION MAP



NOTE: Map co-ordinates are based on GDA94

Topographic map data is supplied by DPIWE

Boundaries may not co-incide due to different capture scales

MDC by Coupe id RP033A

Date: Monday, 28 July 2008

Prepared by: Vanessa Thompson

Plot identifier: vntdmdca4p2008.07.28.05.46.44

Prepared for:

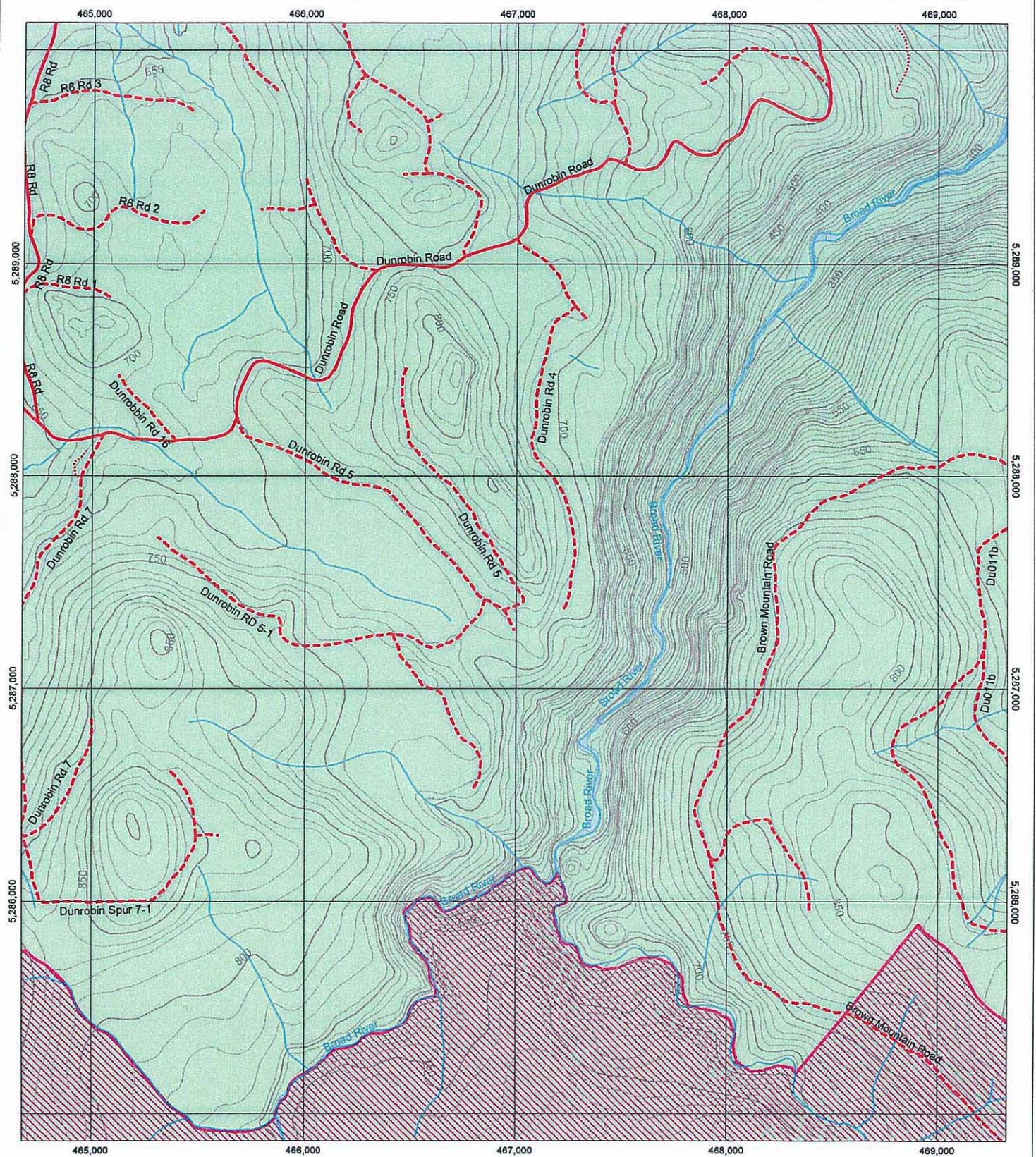
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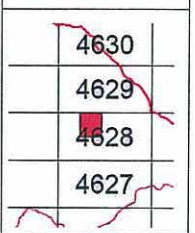
- | | | |
|--|-------------------------|---|
| Significant all weather 2 lane feeder road | 50 Metre Contour (25K) | HEC land - Vested or Private |
| Single lane all weather minor road | 10 Metre Contour (25K) | National Park, Historic Site & Nature/State Reserve |
| Single lane minor road | High Quality Wilderness | Private Property |
| | WHA - Boundary | State Forest |
| | World Heritage Area | |
| | Water | |

NOTE: Map co-ordinates are based on GDA94

Topographic map data is supplied by DPIWE

Boundaries may not co-incide due to different capture scales

LOCATION MAP



High Quality Wilderness by Coordinates



Date: Monday, 28 July 2008

Prepared by: Vanessa Thompson

Plot identifier: vntmchqwc2008.07.28.05.48.000

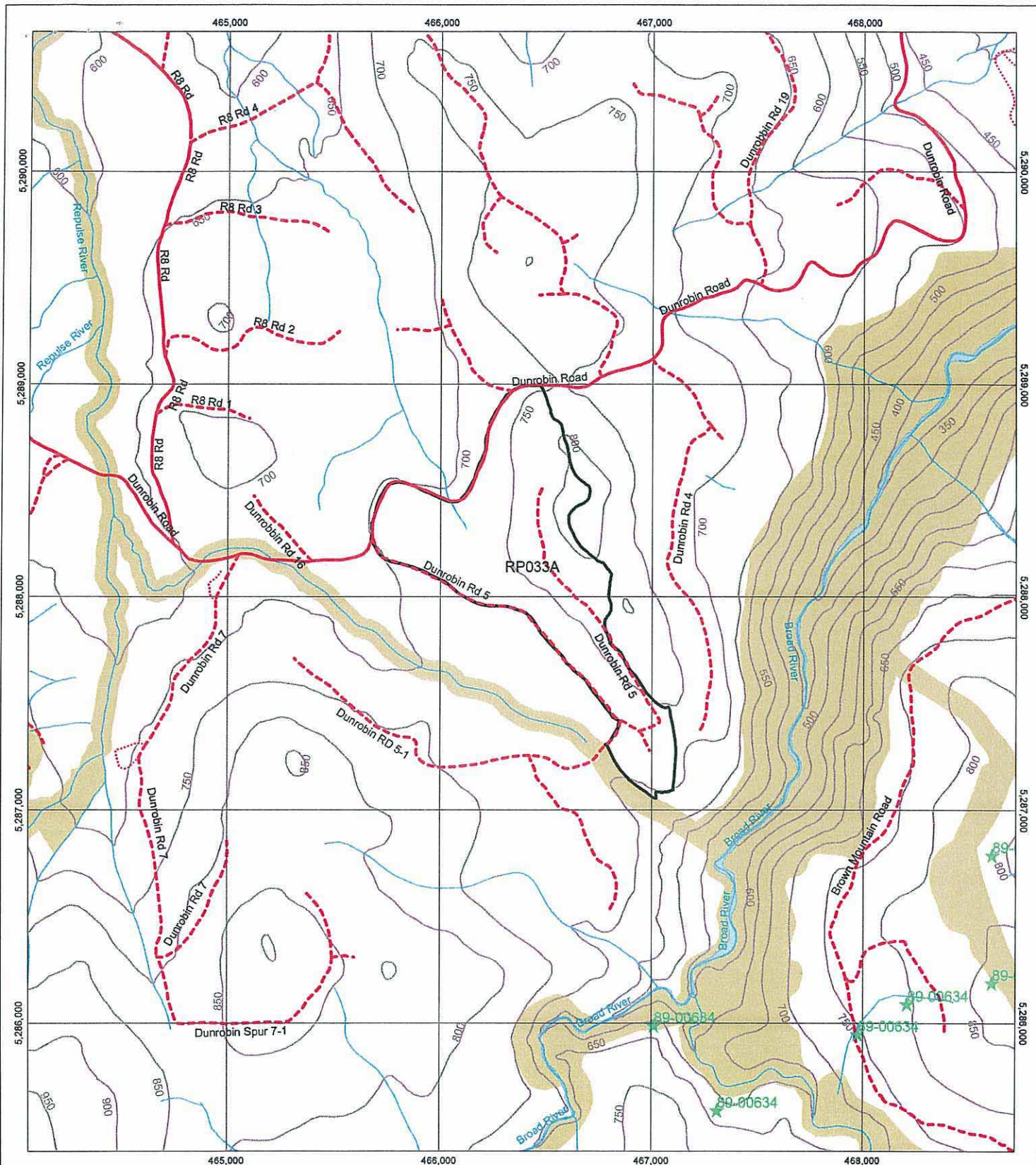
Prepared for:

Scale 1:25,000



A4P





- ★ Threatened Flora
- Significant all weather 2 lane feeder road
- - - Single lane all weather minor road
- . . . Single lane minor road
- Procoupe Live Boundary
- State Forest Boundaries
- 50 Metre Contour (25K)
- Water
- Informal Reserves - MDC (distlib)

LOCATION MAP



NOTE: Map co-ordinates are based on GDA94

Topographic map data is supplied by DPIWE

Boundaries may not co-incide due to different capture scales



Conservation Inventory Map RP033A

Date: Monday, 28 July 2008

Prepared by: Vanessa Thompson

Plot identifier: vntonsrplc2008.07.28.05.46.43

Prepared for:

Scale 1:25,000



A4P



Conservation Enquiry Report

Location: Provcoupe - RP033A

Generated Monday, 28th of July 2008 - 17:46:57

Please Note:

1. Conservation Enquiry Maps & Reports are to be used for forest planning purposes only and are not for publication.
2. While based on the best available information, this inventory may not be comprehensive.
3. The absence of recorded sites is not evidence that such sites do not exist in this area.
4. The significance of recorded sites should be interpreted by an appropriate expert.
5. Positional accuracy generally not better than 100 metres.
6. Geoconservation sensitivity scores are ranked from 1 to 10, 1 being the most sensitive to disturbance, 10 being the least sensitive
7. Priority communities identified on Conservation Enquiry Maps are those communities identified in the RFA as a priority for protection on Public Land.
8. The location of PC Management Areas can be identified via MDC or PC Management map compositions.
9. This report does not query Aboriginal data.

Threatened Fauna - 25k Mapsheet					
RECORD TYPE	SPECIES NAME	25,000 MAPSHEET NUMBER	25,000 MAPSHEET NAME	LOCATION	SPECIAL COMMENTS
Habitat which may contain threatened species	Quolls (Spotted-tailed, Eastern)	4629	OUSE	All wetter forest types coastal heath and bush-pasture interfaces	
Habitat which may contain threatened species	Wedge-tailed Eagle	4629	OUSE	Large tracts (more than 10 ha) of eucalypt or mixed forest	
Habitat which may contain threatened species	Masked Owl	4629	OUSE	Lowland dry sclerophyll forest with old growth components	
Habitat which may contain threatened species	White-bellied Sea Eagle	4629	OUSE	Forest with significant old-growth eucalypt component within 5 km of the coast (nearest coast including shores bays inlets and peninsulas) rivers lakes or complex of farm dams	
Habitat which may contain threatened species	Grey Goshawk	4629	OUSE	Wet eucalypt forest with blackwood/myrtle understorey blackwood swamp E. brookeriana wet forest melaleuca and leptospermum forest.	
Habitat which may contain threatened species	Eastern Barred Bandicoot	4629	OUSE	Grassy woodlands native grasslands mosaics of pasture and ground cover including shrubby weeds	

Habitat which may contain threatened species	Tussock Grass Skink	4628	ELLENDALE	Lowland <i>Poa</i> tussock grassy woodland and open grassland where there is a good cover of tall to medium tussocks	
Habitat which may contain threatened species	Eastern Barred Bandicoot	4628	ELLENDALE	Grassy woodlands native grasslands mosaics of pasture and ground cover including shrubby weeds	
Habitat which may contain threatened species	White-bellied Sea Eagle	4628	ELLENDALE	Forest with significant old-growth eucalypt component within 5 km of the coast (nearest coast including shores bays inlets and peninsulas) rivers lakes or complex of farm dams	
Habitat which may contain threatened species	Masked Owl	4628	ELLENDALE	Lowland dry sclerophyll forest with old growth components	
Habitat which may contain threatened species	Grey Goshawk	4628	ELLENDALE	Wet eucalypt forest with blackwood/myrtle understorey blackwood swamp <i>E. brookeriana</i> wet forest melaleuca and leptospermum forest.	
Habitat which may contain threatened species	Wedge-tailed Eagle	4628	ELLENDALE	Large tracts (more than 10 ha) of eucalypt or mixed forest	
Habitat which may contain threatened species	Quolls (Spotted-tailed, Eastern)	4628	ELLENDALE	All wetter forest types coastal heath and bush-pasture interfaces	

PC Management Areas

PC MANAGEMENT AREA NUMBER	NAME	AREA (Hectares)
There are no records for this theme within this area.		

Threatened Flora

SPECIES CODE	SPECIES NAME	EASTING	NORTHING	ACCURACY	LISTING STATUS
89-00634	Monotoca submutica var. autumnalis (roundleaf broomheath)	467012	5285983	100	rare
89-00634	Monotoca submutica var. autumnalis (roundleaf broomheath)	467312	5285583	100	rare
89-00634	Monotoca submutica var. autumnalis (roundleaf broomheath)	467977	5285943	25	rare
89-00634	Monotoca submutica var. autumnalis (roundleaf broomheath)	468212	5286083	100	rare
89-00634	Monotoca submutica var. autumnalis (roundleaf broomheath)	468612	5286183	100	rare
89-00634	Monotoca submutica var. autumnalis (roundleaf broomheath)	468612	5286783	100	rare

Threatened Fauna

SPECIES CODE	SPECIES NAME	EASTING	NORTHING	LOCATION	PRINTING NOTE
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There are no records for this theme within this area.

Phytophthora Cinnamomi

ACCESSION NO.	EASTING	NORTHING
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There are no records for this theme within this area.

Geoconservation Points

GIS CODE	NAME	EASTING	NORTHING	FEATURE SIZE	OVERALL VUNERABILITY
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There are no records for this theme within this area.

Historical Sites

SITE ID	SITE NAME	SITE TYPE	EASTING	NORTHING	ACCURACY
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There are no records for this theme within this area.

Historical Line Features

FEATURE ID	FEATURE TYPE	DESCRIPTION
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There are no records for this theme within this area.

Karst - Catchment

KARST AREA NO.	NAME	KARST CATCHMENT	CONFIRMED
SE 3	June - Florentine	A	Y

Karst - Category

KARST AREA NO.	NAME	CATEGORY	CONFIRMED	KLITH
SE 3	June - Florentine	A	Y	Ordovician limestones (Gordon Group) undifferentiated

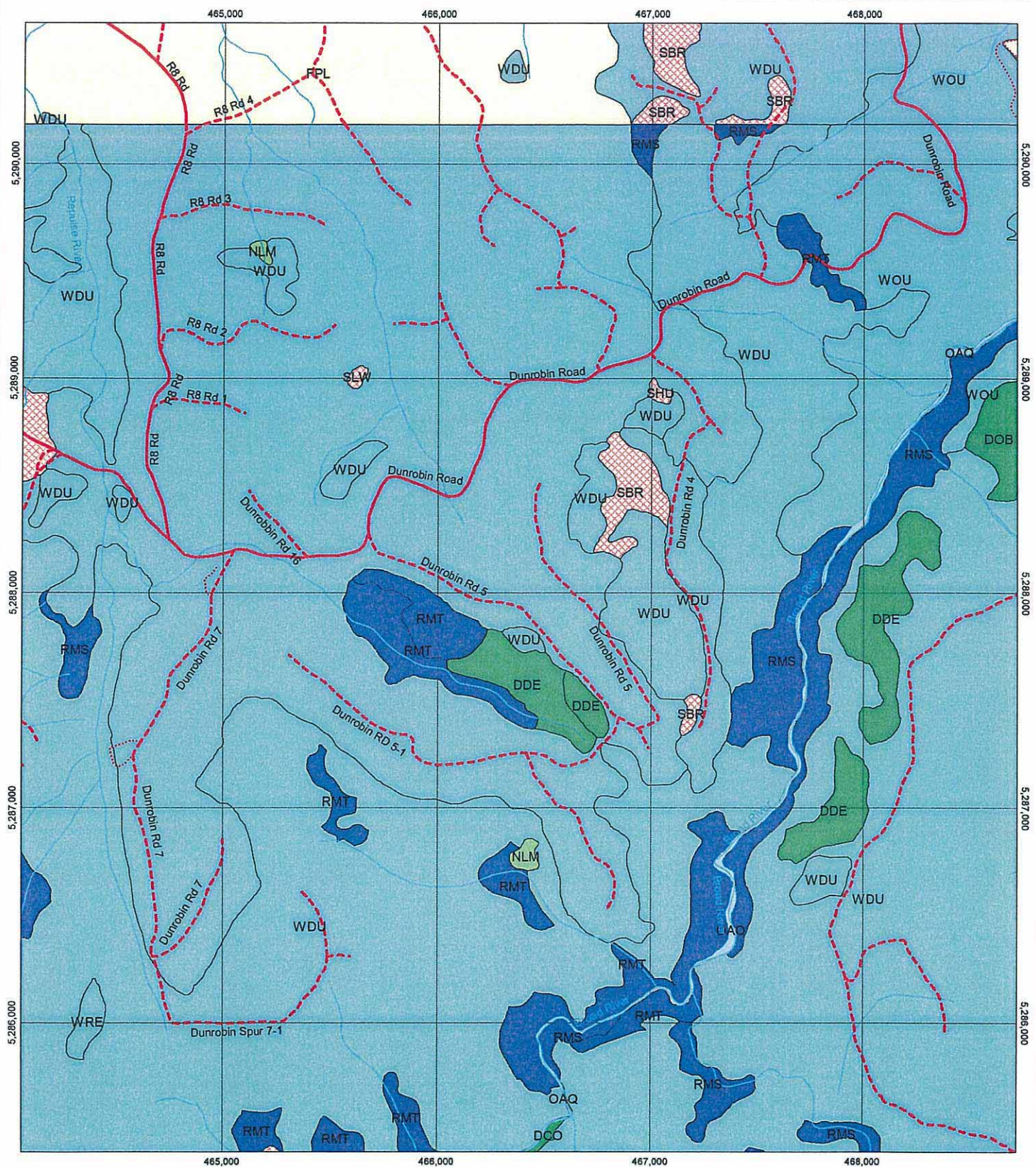
Geoconservation Vulnerability

GIS CODE	NAME	FEATURE TYPE	MAP NO.	FEATURE SIZE	VULNERABILITY
SOP19	Central Highlands Cainozoic Glacial Area	POLYGON	ZZZZZZZ	Very large/terrain	5
WED34	June - Florentine Karst Systems	POLYGON	ZZZZZZZ	Large/region	4
TYE18	Mt Field Massif Glacial Area	POLYGON	ZZZZZZZ	Large/region	6
WED33	Tyennan Region	POLYGON	ZZZZZZZ	Very large/terrain	10

Giant Trees - Protected

TREE ID	SPECIES CODE	EASTING	NORTHING	VOLUME	HEIGHT	POPULAR NAME
---------	--------------	---------	----------	--------	--------	--------------

There are no records for this theme within this area.



- Significant all weather 2 lane feeder road
- - - Single lane all weather minor road
- . . . Single lane minor road
- Water
- Agricultural Urban and Exotic Vegetation
- Dry Eucalypt Forest and Woodland
- Non-Eucalypt Forest and Woodland
- Other Natural Environments
- Rainforest and Related Scrub
- Scrub Heathland and Coastal Complexes
- Wet Eucalypt Forest and Woodland

NOTE: Map co-ordinates are based on GDA94

Topographic map data is supplied by DPIWE

Boundaries may not co-incide due to different capture scales

LOCATION MAP



Tasmanian Vegetation Map RP033A

Map Centre Coordinates: 466392 mE, 5288024 mN

Date: Monday, 28 July 2008

Prepared by: Vanessa Thompson

Plot identifier: vntmctvgmap2008.07.28.05.48.520

Prepared for:

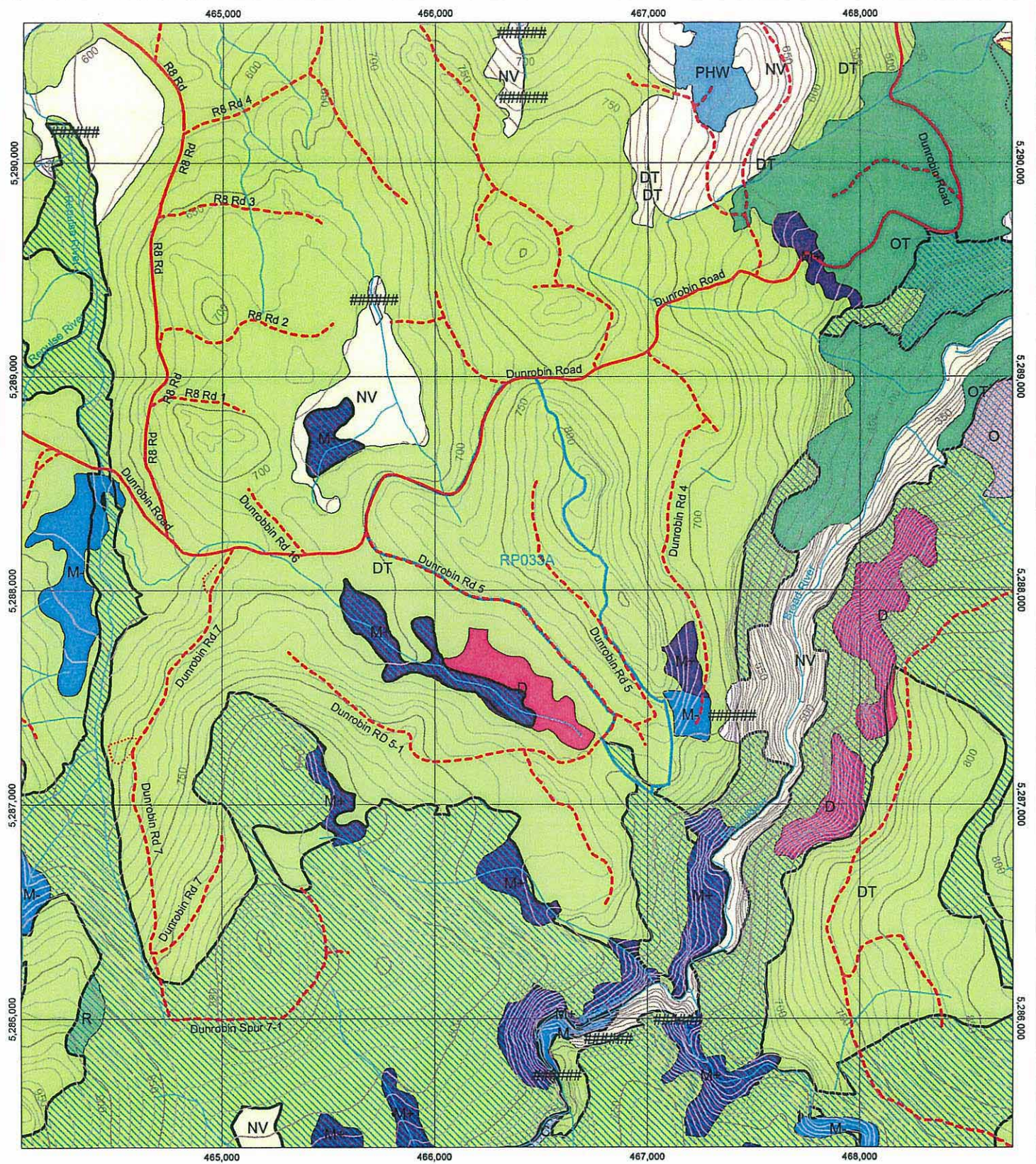
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A4P

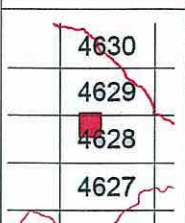


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- Significant all weather 2 lane feeder road
- - - Single lane all weather minor road
- . . . Single lane minor road
- Plan Coupe Base (Boundary)
- 50 Metre Contour (25K)
- - - 10 Metre Contour (25K)
- Oldgrowth
- Unknown
- E. coccifera dry forest
- Dry E. delegatensis forest
- Tall E. delegatensis forest
- Thamnric rainforest on less fertile sites
- Callidendrous and thamnric rainforest on fertile sites
- Not Forest
- Dry E. obliqua forest
- Tall E. obliqua forest
- Hardwood Plantation
- Softwood Plantation
- E. regnans forest

LOCATION MAP



NOTE: Map co-ordinates are based on GDA94

Topographic map data is supplied by DPIWE

Boundaries may not co-incide due to different capture scales



RFA Communities Coupe Map RP033A

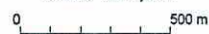
Date: Monday, 28 July 2008

Prepared by: Vanessa Thompson

Plot identifier: vntmcdfrfa2008.07.28.05.46.45

Prepared for:

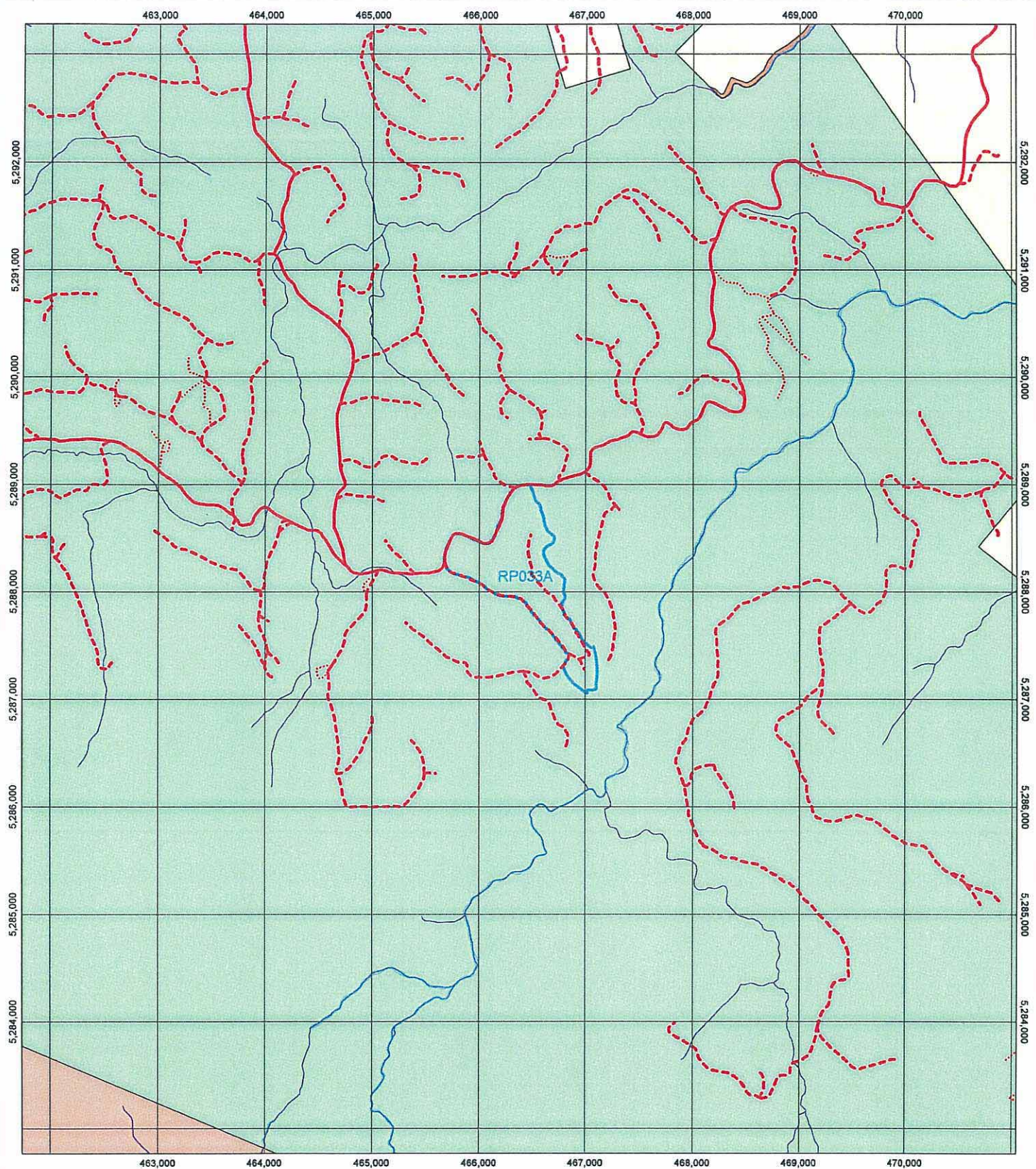
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A4P



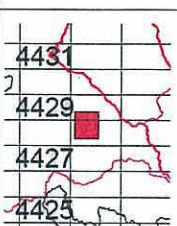
Forestry Tasmania
GROWING OUR FUTURE



- Significant all weather 2 lane feeder road
- - - Single lane all weather minor road
- . . . Single lane minor road
- Rivers (Class 1 and 2)
- Plan Coupe Base (Boundary)
- WHA - Boundary
- World Heritage Area
- Water
- HEC land - Vested or Private

- National Park, Historic Site & Nature/State Reserve
- Private Property
- Public Reserve
- State Forest

LOCATION MAP



NOTE: Map co-ordinates are based on GDA94

Topographic map data is supplied by DPIWE

Boundaries may not co-incide due to different capture scales

PC Management Area RP033A



Date: Monday, 28 July 2008

Prepared by: Vanessa Thompson

Plot identifier: vntmcpmc2008.07.28.05.46.45

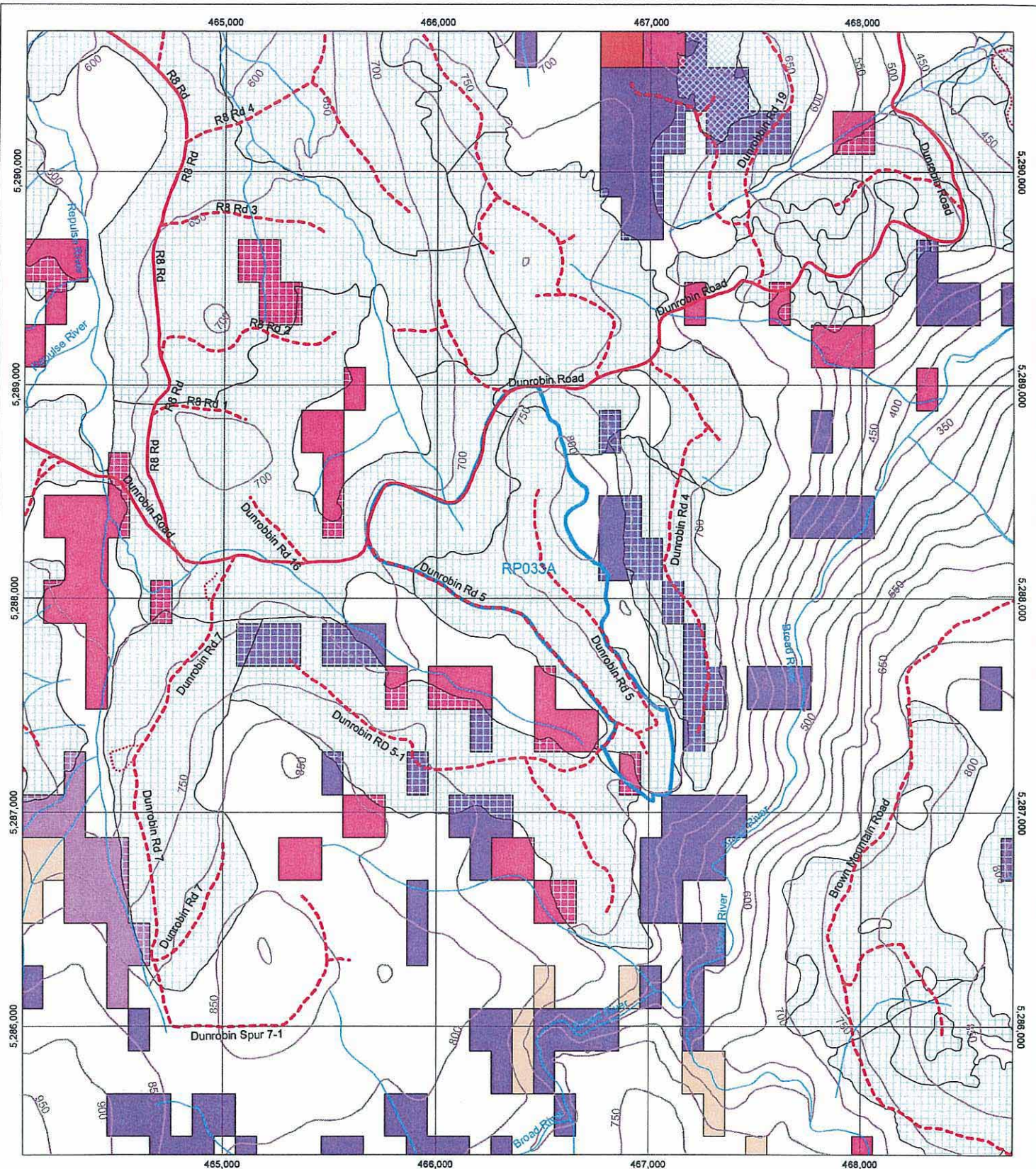
Prepared for:

Scale 1:50,000



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- Significant all weather 2 lane feeder road
- - - Single lane all weather minor road
- . . . Single lane minor road
- 50 Metre Contour (25K)
- Provcoupe & Info (Boundary)

- State Forest Boundaries
- Pityte - Plantations
- Pityte - Regen
- Oldgrowth eucalypt forest with myrtle in the rainforest understory: 12 Kg/ha

- Oldgrowth eucalypt forest with an understory of secondary species: 9 Kg/ha
- Second species rainforest (i.e. eucalypt of myrtle): 6 Kg/ha
- Unstocked forest with myrtle or secondary species: 3 Kg/ha

LOCATION MAP



NOTE: Map co-ordinates are based on GDA94 Topographic map data is supplied by DPIWE Boundaries may not co-incide due to different capture scales



Apiary Management RP033A

Date: Monday, 28 July 2008

Prepared by: Vanessa Thompson

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Scale 1:25,000



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THREATENED FAUNA MAPSHEET DISPLAY**ELLENDALE 4628****Current as at 29/Jul/2008****Please note, coordinates use map datum GDA94****Known localities**

Species	Tenure	Locality	Notes
tussock grass skink	P	479612 5282683 Water Palls Hill 1km SE	
wedge-tailed eagle	SF	463451 5288103 Repulse River N	nest (#724) active 99
wedge-tailed eagle	SF	472203 5286034 Brown Mountain, Ellendale 2.2km NE	nest (#578)
wedge-tailed eagle	SF	472569 5285968 Brown Mountain, Ellendale 2.4km NE	nest (#571)
wedge-tailed eagle	SF	463712 5287683 Repulse River mid	nest gone (#723)
wedge-tailed eagle	SF	463962 5287433 Repulse River S	nest (#722)
wedge-tailed eagle	SF	469254 5289719 Broad River	nest (#1067)
wedge-tailed eagle	P	471820 5282889 Ironstone Creek	nest (#344)
wedge-tailed eagle	SF	472641 5282764 Ironstone Creek	nest (#345)
white-bellied sea eagle	P	478300 5289140 Mike Howes Gully Lake Meadowbank	nest # 1536

Habitat which may contain threatened species

Species	Habitat
<u>eastern barred bandicoot</u>	Grassy woodlands, native grasslands, mosaics of pasture and ground cover, including shrubby weeds
<u>grey goshawk</u>	Wet eucalypt forest with blackwood/myrtle understorey, blackwood swamp, E. brookeriana wet forest, melaleuca and leptospermum forest.
<u>masked owl</u>	Lowland dry sclerophyll forest with old growth components
<u>quoll (spotted-tailed, eastern)</u>	All wetter forest types, coastal heath and bush-pasture interfaces
<u>tussock grass skink</u>	Lowland <i>Poa</i> tussock grassy woodland and open grassland where there is a good cover of tall to medium tussocks
<u>wedge-tailed eagle</u>	Large tracts (more than 10 ha) of eucalypt or mixed forest
<u>white-bellied sea eagle</u>	Forest with significant old-growth eucalypt component within 5 km of the coast (nearest coast including shores, bays, inlets and peninsulas), rivers, lakes or complex of farm dams

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EASTERN BARRED BANDICOOT

Perameles gunnii gunnii

Status

VULNERABLE (Commonwealth *Endangered Species Protection Act 1992*), due to habitat loss and predation.

Description

The eastern barred bandicoot is rabbit-sized and greyish to light brown in colour with three or four very distinctive pale bands or stripes across the rump. The hind legs are longer than the fore legs, producing a bounding gait and enabling the animal to sit upright. Signs of bandicoots being present include small conical nose holes dug in soft soil.



Distribution and Habitat

The eastern barred bandicoot is found in Victoria and Tasmania. In Victoria, its range is restricted to a small number of sites. However, the eastern barred bandicoot is relatively widespread and abundant in some parts of Tasmania, although it has significantly declined in its natural habitat throughout the Midlands. It is most common in the southeast and northwest of Tasmania but less common in the northeast, Midlands and east coast. There are no records of the species from the southwest or from altitudes above 950 m.

Eastern barred bandicoots prefer open grassy areas for foraging but require some form of thick ground cover for shelter and nesting. Their native habitat is grassland and grassy woodland dominated by tussocks, reeds and grasses. Eastern barred bandicoots particularly flourish in areas of good quality agricultural land (deep soils, high rainfall) bordered by native bush.

Management Objectives for Production Forest Areas

Any regional management plans should take this species into account.

Any native habitats e.g. grasslands, tussock, grassy paddocks, reeds, heath, etc. with eastern barred bandicoots have high conservation value. Retain as much undisturbed native bush as possible, especially the understorey plants needed for cover and nesting.

Maintain and encourage ground cover. Weeds such as gorse and blackberries provide shelter for bandicoots. However, native plants which form a dense ground cover i.e. saggs (*Lomandra* and *Lepidosperma* spp.), *Gahnia* spp., species of *Acacia*, *Grevillea*, *Hakea*, *Correa*, long native grasses and reeds are particularly suitable.

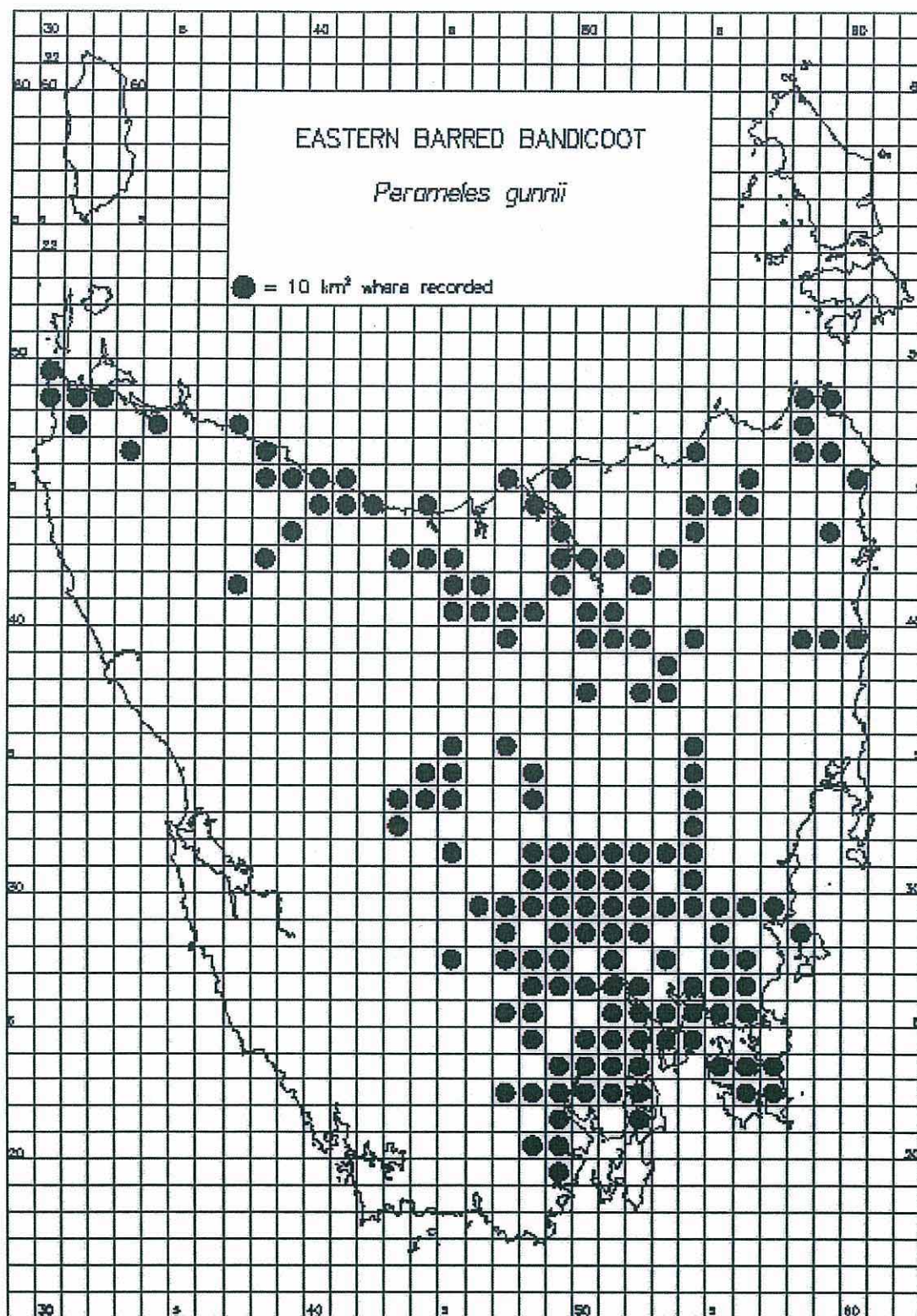
Reading

Mallick, S.A., Driessen, M.M. and Hocking, G.J. (1997). *Biology and conservation of the eastern barred bandicoot (Perameles gunnii) in Tasmania*. Wildlife Report No. 97/1. Parks and Wildlife Service, Tasmania.

Parks and Wildlife Service (1997). *Eastern barred bandicoot*. Threatened Species Information Sheet. Macquarie Street, Hobart, Tasmania.

Specialist

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Source: Bryant and Jackson 1999

GREY GOSHAWK

Accipiter novaehollandiae

Status

ENDANGERED (Tasmanian *Threatened Species Protection Act 1995*), due to low densities and limited breeding distribution. A high proportion of core habitat is in unprotected areas.

Description

Medium-sized bird of prey. Also called the white goshawk, all Tasmanian specimens are pure white, with yellow legs and black beak. Immature birds have yellow eyes, adults red. Females are cockatoo-sized; males are much smaller.



Distribution and Habitat

This species occurs in mature blackwood swamp forest, wet forest and mixed forest, primarily at lower altitudes. In general, forest with a closed canopy and low stem density is favoured by the birds for nesting. There are less than 110 breeding pairs in Tasmania. Breeding densities are greatest in blackwood swamps and riparian blackwood forest in the north-west. Other areas where breeding occurs are in the north-east, the south-east (including wet parts of Bruny Island), the Mount Field area, the northern side of the Western Tiers, south of Macquarie Harbour and in coastal forest between Macquarie Harbour and the Pieman River.

Potential nesting habitat occurs along watercourses in wet forest with old growth or regrowth older than 50 years, particularly where blackwoods (*Acacia melanoxylon*) occur. Blackwood is a preferred nest tree species followed by *Melaleuca*, myrtle, tea tree and eucalypt. Outside of blackwood swamp forests most nests are in riparian areas, but nests may occasionally be up to 100 m from a watercourse. Nests are always in forest (sometimes in patches less than 5 ha); isolated trees are not used for breeding.

