



# Forest Operations Coupe Plan

for

Harvest Unit 874-512-0008-B - Brave Duck

Cann River

874 - Drummer

## Location of coupe centroid

Easting/Northing: (GDA-94)	704833/5849587 Zone 55
VicGrid	2881628/2438313
Latitude/Longitude:	37° 28' 41" S/149° 18' 60" E

This Forest Operations Coupe Plan consists of the following five sections:

- Section 1 - Coupe Description
- Section 2 - Contractor Direction
- Section 3 - Occupational Health and Safety
- Section 4 - Coupe Management Actions
- Section 5 - Harvesting Commencement and Completion Declarations

## Plan Preparation and Endorsement

Prepared By	Signed	Date	.....
Peer Reviewed By	Signed	Date	.....
Endorsed By	Signed	Date	.....

End of Forest Operations Coupe Plan Front Page



**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 1**  
 Contractor Section - Coupe Description

Descriptive Information		(also see Part 2: Coupe Map - Operation and Context)		
Forest type	Foothill mixed species			
Area of TRP Boundary	119.6			
Area of Harvest Unit (operational area)	38.2			
Regional Forest Agreement	EAST GIPPSLAND			
Forest Management Area	East Gippsland			
General aspect	North-westerly			
Elevation	230 meters			
Slope	Minimum 5°; Average 10°; Maximum 25°			
Proportion of the nett coupe area > 20°	0-10 %			
		Horizon A	Horizon B	Horizon C
Soil Erosion Classification		<i>Medium</i>	<i>Medium</i>	<i>Medium</i>
Soil Permeability Classification		<i>High</i>	<i>High</i>	-
Overall Soil Category		<i>Low</i>	<i>Low</i>	-
Rock cover exceeds 30% of nett area	No			

Estimated species and volumes			
Product	Grade	Volume	
Messmate	M	581 m <sup>3</sup>	
Mountain Grey Gum	M	290 m <sup>3</sup>	
Silvertop	H	4357 m <sup>3</sup>	
White Stringybark	M	581 m <sup>3</sup>	

*End of Forest Operations Coupe Plan Section 1*



**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
 Contractor Section - Contractor Direction

Personnel	
VF Officer	
Contractor	
Operational Issues	
Silvicultural Intent	Adaptive Silviculture - Recovery
Silviculture system(s)	Variable retention 1 (recovery)
Recommended harvesting period	Shoulder of 2020-2021
Description of the coupe boundaries and method used to locate boundary in the field	Northern boundary marked to bush fire prescriptions with all drainage lines marked to 15m in orange tape, temporary streams marked with a 30m buffer marked in pink and 20m filter marked in orange tape. Main drainage line marked to 50m buffer in pink tape. All blue boundarys marked to harvestable area. Eastern boundary marked to harvested area in blue tape then back onto future Trk. Southern boundary marked to in coupe road in blue tape, then into a green patch buffer marked in pick tape, then into a 15m drainage line marked in orange tape with another green patched marked out in pink tape. The Drainage line turns into a temporary stream with a 30m buffer marked in pink tape with an orange 20m filter marked in orange tape above that. Western boundary marked to a permanent stream with a 50m buffer marked in pink tape and 10m filter above that marked in orange tape.
Operational constraints	
Social Issues	
Identified social issues	
Coupe Access	
Proposed Access	Princes Hwy X Drummer Rd X Thurra River Rd X Thurra Junction Rd X Future Tk
Proposed driveway length to construct	0
Proposed in-coupe road length to construct	50
Proposed in-coupe roading requirements	
Proposed number of stream crossings	0
Proposed number of landings	2





**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
 Contractor Section - Contractor Direction

Environmental and operational specification Standard		
All operations to be conducted in accordance with the Code of Practice for Timber Production 2014 and VicForests Utilisation Procedures except where additional specifications or variations are specified below. Where there is no comment (ie the column is blank), it should be read ' <i>No variation to the standard procedure</i> '.		
Environmental & Operational Elements		Variations, amendments or additional instructions
Utilisation Procedures Section		
<b>Planned silvicultural system and requirements</b>		
	Planned silvicultural system and requirements	<p>The Variable Retention 1 silvicultural system will be applied to the entire harvestable area using a combination of aggregated and dispersed retention.</p> <p>Retain an average minimum of 10 habitat trees per ha within the harvestable area through retained habitat patches and dispersed retention</p>
<b>Additional specifications, requirements or instructions</b>		
	Additional specifications, requirements or instructions	
<b>5.</b>	<b>Coupe boundaries</b>	

**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
**Contractor Section - Contractor Direction**

5.1	Marking a coupe	<p>Northern boundary marked to bush fire prescriptions with all drainage lines marked to 15m in orange tape, temporary streams marked with a 30m buffer marked in pink and 20m filter marked in orange tape. Main drainage line marked to 50m buffer in pink tape. All blue boundarys marked to harvestable area.</p> <p>Eastern boundary marked to harvested area in blue tape then back onto future Trk.</p> <p>Southern boundary marked to in coupe road in blue tape, then into a green patch buffer marked in pick tape, then into a 15m drainage line marked in orange tape with another green patched marked out in pink tape. The Drainage line turns into a temporary stream with a 30m buffer marked in pink tape with an orange 20m filter marked in orange tape above that.</p> <p>Western boundary marked to a permanent stream with a 50m buffer marked in pink tape and 10m filter above that marked in orange tape.</p> <p>All patches marked infield with pink tape</p> <p>All Boundaries are located using GPS, Compass, &amp; Rangefinder</p>
5.2	Construction of boundary trails	No variation to standard practices as outlined within the utilisation procedures.
5.3	Location of Boundary Trails	
5.4	Converting boundary trail to fire trail	
<b>6.</b>	<b>Excluded areas</b>	
6.1	Activities in excluded areas	
<b>7.</b>	<b>Harvest requirements</b>	
7.1	Retained Trees	Manage HCVs and Habitat Trees in line with MSPs, VicForests Harvest Retention Systems and VicForests Post Bushfire Timber Harvesting Instruction
7.2	Large Tree Protection	
7.3	Trees to be felled	No variation to standard practices as outlined within the utilisation procedures.
7.4	Stump heights	No variation to standard practices as outlined within the utilisation procedures.
7.6	Coupe utilisation requirements	No variation to standard practices as outlined within the utilisation procedures.
<b>9.</b>	<b>Thinning requirements</b>	
9.2	Trees to be retained	
9.3	Thinning method	

**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
**Contractor Section - Contractor Direction**

9.4	Damage	
<b>10.</b>	<b>Extraction tracks within coupes</b>	
10.1	Location of Extraction Tracks	
10.2	Blading-off	No variation to standard practices as outlined within the utilisation procedures.
10.3	Drainage and rehabilitation	Due to the soil erosion hazard, drainage and rehabilitation will need to be at a spacing of: less than 6 degrees slope, 60m apart. 6-11 degrees slope , 30m apart. 11-18 degrees slope, 20m apart. 18-27 degrees slope, 10m apart.
10.4	Snigging on roads	No variation to standard practices as outlined within the utilisation procedures.
10.5	Stream crossings	No variation to standard practices as outlined within the utilisation procedures.
<b>12.</b>	<b>Landings</b>	
12.1	Location of landings	No variation to standard practices as outlined within the utilisation procedures.
12.2	Construction and maintenance of landings	No variation to standard practices as outlined within the utilisation procedures.
12.5	Bark disposal	No variation to standard practices as outlined within the utilisation procedures.
12.7	Rehabilitation	No variation to standard practices as outlined within the utilisation procedures.
<b>13.</b>	<b>Road and construction maintenance</b>	
13.2	Location, design and period of construction	
13.4	Grade	
13.5	Clearing	
13.6	Earthworks	
13.7	Drainage	
13.8	Maintenance	
13.9	Stream and drainage line crossings	
13.11	Closure and rehabilitation of roads	



**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
 Contractor Section - Contractor Direction

13.13	Removal and rehabilitation of bridges, crossings and culverts	
<b>14.</b>	<b>Quarries, borrow pits and fill disposal areas</b>	
14.0	Quarries, borrow pits and fill disposal areas	
<b>15.</b>	<b>Preparation, measurement, grading and extraction of logs</b>	
15.2	Log preparation	
<b>21.</b>	<b>Carting logs</b>	
21.1	Carting logs - general obligations of the driver	No variation to standard practices as outlined within the utilisation procedures.
<b>23.</b>	<b>Weather restrictions</b>	
23.0	Weather restrictions	No variation to standard practices as outlined within the utilisation procedures.
<b>26.</b>	<b>Sorting and using fuel and servicing machinery</b>	
26.1	Fuel location	No variation to standard practices as outlined within the utilisation procedures.
26.2	Fuel precautions	No variation to standard practices as outlined within the utilisation procedures.
<b>27.</b>	<b>Camp sites, waste disposal and forest hygiene</b>	
27.1	Camp sites	No variation to standard practices as outlined within the utilisation procedures.
27.3	Water points	No variation to standard practices as outlined within the utilisation procedures.
27.4	Forests hygiene (weeds, pests and disease)	
27.5	Field Washdown/Cleaning Procedure for Machinery	
<b>All other action will be conducted as per the Utilisation Procedures, unless outlined in the Coupe Diary by a VicForests Officer.</b>		

**Habitat Retention Plan**





**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
 Contractor Section - Contractor Direction

<b>Habitat Description and Marking</b>	All streams and waterways to be classified as HIGH or VERY HIGH risk, with appropriate buffers applied accordingly. Apply the habitat connectivity method as outlined in VicForests Post Bushfire Timber Recovery Instruction Retain an average minimum of 10 Habitat trees per ha through retained habitat patches and dispersed retention across the harvestable area. Retained patches should be no smaller than 0.01 ha Exclude harvesting and regeneration activities from retained forest, unless necessary for safety Reasons Green patches (unburnt SVC4, SVC5) which must be a minimum of 40mt wide must be retained	
<b>Habitat trees will be retained...</b>		<b>Scenario</b>
<ul style="list-style-type: none"> <li>. Outside the harvesting tapes, but within the 'gross coupe boundary'</li> <li>. As individual trees along the edge, outside the harvested area</li> <li>. As individual trees, scattered throughout the coupes</li> <li>. In patch(es)/clump(s) within the harvested area</li> <li>. To serve as seed trees also</li> <li>. Other requirements</li> </ul>		Yes Yes Yes Yes Yes Yes
<b>Other requirements</b>		

*\* See variation page for marking procedure.*

*End of Forest Operations Coupe Plan Section 2*



**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 3**  
 Contractor Section - Coupe Occupational Health and Safety

Hazard Type	Comments on the identified hazard where the hazard exceeds that normally expected	Hazard adequately addressed within Contractor's Safety Management System?
Was a field-based hazard assessment done?	<b>Yes</b> / <b>No</b>	
<b>Arial Hazard</b>		
Stags	[None]	
Other aerial hazards	[None]	
Percentage of tress containing a high proportion of dead limbs (i.e. mature-age, psyllid, drought or fire affected)	85 % if > 50% handfall not allowed as main harvest method.	
Percentage of the trees having mature interlocked crowns	10 % if > 50% handfall not allowed as main harvest method.	
<b>Ground Hazard</b>		
Slope	[None]	
Rock	[None]	
Rock Faces	[None]	
Morganers	[None]	
Other Ground Hazards	[None]	
Have any mineshafts been located? If yes, GPS location and include coupe map.	[None]	
<b>Access Roads/Landings</b>		
Grade	[None]	
Width	[None]	
Traffic & Falling Ops	[None]	
Access	[None]	



**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 3**  
 Contractor Section - Coupe Occupational Health and Safety

Are there hazardous trees adjacent trees to the roads that should be removed?	contractor to assess trees and notify Forest officer of removal of tree/s and coupe dairy to me filled out	
<b>Fire</b>	[None]	
<b>Hand Falling</b>	[None]	
<b>Other</b>	[None]	
Is there any power lines/cables in or around coupe?	[None]	
Are there neighbours that will need to be notified of operations?	[None]	
Safety Comments		

Additional hazards identified				
<i><b>Describe hazard</b></i>	<i><b>Action Required</b></i>	<i><b>Responsible person</b></i>	<i><b>Date Required</b></i>	<i><b>Complete Y/N</b></i>

*End of Forest Operations Coupe Plan Section 3*



**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
1. Situation	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Apiary zone within 1000m	* None found *	Not Present	Not Present	No action required		
Apiary zone within coupe	* None found *	Not Present	Not Present	No action required		
Fire Fuel Management Zone in coupe	3 - Landscape Management Zone	119.64	119.64	Coupe within Fire Management Zone 3: Landscape Moderation.	No restrictions to timber harvesting or regeneration activities. No further action required.	No further action required.
Forest Management Zone within 200m	GMZ : General Management Zone	Present	Present	General Management Zone adjacent to coupe boundary.	No further action required.	No further action required.
Forest Management Zone within 200m	SMZ : Special Management Zone	Present	Present	Special Management Zone (SMZ) M-874-08-01 (Corr la.co) adjacent coupe boundary.	SMZ values will not be affected by the harvesting of the coupe. No further action required.	No further action required.
Forest Management Zone within 200m	SPZ : Special Protection Zone	Present	Present	Special Protection Zone (SPZ) P-874-02-20 (Linear Reserve) within 200m of coupe boundary.	SPZ values will not be affected by the harvesting of coupe. No further action required.	No further action required.
Forest Management Zone within 500m	GMZ : General Management Zone	Present	Present	General Management Zone within 200-500m of coupe boundary.	No further action required.	No further action required.
Forest Management Zone within 500m	SMZ : Special Management Zone	Present	Present	Special Management Zone (SMZ) M-874-08-01 (Corr la.co) within 200-500m of coupe boundary.	SMZ values will not be affected by the harvesting of the coupe. No further action required.	No further action required.
Forest Management Zone within 500m	SPZ : Special Protection Zone	Present	Present	Special Protection Zones (SPZ) P-874-02-20 (Linear Reserve) and P-874-02-23 (Linear Reserve, Rain Forest SOS) within 200-500m of coupe boundary.	SPZ values will not be affected by the harvesting of coupe. No further action required.	No further action required.
Forest Management Zone within coupe	GMZ : General Management Zone	119.41	119.41	General Management Zone within gross coupe boundary.	Harvest in accordance with the Code of Practice for Timber production.	Marked in accordance with the Code of Practice for Timber production.
Forest Management Zone within coupe	SMZ : Special Management Zone	0.24	0.24	Special Management Zone (SMZ) M-874-08-01 (Corr la.co) located within gross coupe boundary.	SMZ boundary to be confirmed and marked in the field using a GPS, compass, hip chain and/or range finder. Boundary to be signed off by Operations Manager prior to harvesting commencement. No harvesting will occur within the SMZ.	Map supplied, with marking points to Senior forester for boundary sign off.
Heritage River Buffer in coupe	Heritage River Buffer in coupe	Not Present	Not Present	No action required		
Heritage River Buffer within 500m	Heritage River Buffer within 500m	Not Present	Not Present	No action required		

**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
1. Situation	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Non-State Forest in coupe	* None found *	0.00	0.00	No action required		
Other situation issues	Other situation issues	[n/a]	Present	Gross coupe area greater than 40ha for Clearfall Recovery harvesting.	Nett area of coupe harvested to be less than or equal to 40ha. Harvestable boundary will be GPS'd prior to harvesting and/or during harvesting to ensure nett area does not exceed 40ha.	Coupe harvestable area is 38.16ha Map supplied, with marking points to Senior forester for boundary sign off.
Permanent fire break in coupe	* None found *	0.00	0.00	No action required		
Permanent fire break within 500m of coupe	* None found *	0.00	0.00	No action required		
Private land within 500m	Private property	Not Present	Not Present	No action required		
Private land within coupe	Private property	Not Present	Not Present	No action required		
Recreational hut in coupe	Recreation hut	Not Present	Not Present	No action required		
VF Reserve in coupe	* None found *	0.00	0.00	No action required		
VF Reserve within 500m	* None found *	0.00	0.00	No action required		
VF SMA in coupe	* None found *	0.00	0.00	No action required		
VF SMA within 500m	* None found *	0.00	0.00	No action required		
Walking track in coupe	Walking track	Not Present	Not Present	No action required		
Walking track within 500m of coupe	Walking track	Not Present	Not Present	No action required		
2. Stand	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Allocation Order Stratum	Mixed Species	119.64	119.64	Forest stand type confirmed in the field.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.	Marked in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.



**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
3. Soil and Water	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Designated Water Catchment within coupe	* None found *	0.00	0.00	No action required		
Designated Water Supply Catchment within 500m	* None found *	0.00	0.00	No action required		
Other water issues	[n/a]	[n/a]				
Slope Class within coupe	0-20 Degrees	119.17	0.48	119.17 ha of slope between 0-20 degrees within coupe.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures and VicForests Post Bushfire Timber Harvesting Instruction v3.3.	Marked in accordance with the Code of Practice for Timber Production, Management Standards and Procedures and Utilisation Procedures.
Slope Class within coupe	20-25 Degrees	0.48	0.48	0.48 ha of slope between 20-25 degrees within coupe.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures and VicForests Post Bushfire Timber Harvesting Instruction v3.3.	Marked in accordance with the Code of Practice for Timber Production, Management Standards and Procedures and Utilisation Procedures.
Water quality risk within coupe	Low or Moderate Water Quality Risk	[n/a]	Present	A Low Water Quality Risk was determined after Soil Assessments within this coupe. VicForests Post Bushfire Timber Harvesting Instruction v3.3 June 2020, section 5.1.6.3 states that all fire impacted compartments must be classified as High or Very High Water Quality risk.	A High or Very High Water Quality risk is applied in bushfire affected areas. Apply buffer and filter prescriptions for sites as specified in VicForests Post Bushfire Timber Harvesting Instruction v3.3 June 2020, section 5.1.6.3. (Aquatic fauna HDMs (Barred Galaxias) buffers and filters will override these prescriptions).	Buffers and filters have been marked to comply with prescriptions for Barred Galaxias, sections 8.1.10.1 and 8.1.10.2 table 23. Management Standards and Procedures for timber operations in Victoria's State Forests 2014.
4. Biodiversity	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Barred Galaxias streams in coupe or within 500m	Barred Galaxias catchment in coupe or within 500m	Not Present	Not Present	No action required		
Greater Glider Habitat Within 100m (Modelled Class1)	Modelled Greater Glider Habitat within 100m	Not Present	Not Present	No action required		
Old Growth Forest in coupe	* None found	0.00	0.00	No action required		

**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
4. Biodiversity	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Old Growth Forest within 500m	* None found	Not Present	Not Present	No action required		
Other biodiversity issues	Other biodiversity issues	[n/a]	Present	DELWP (FPSP) Pre-harvest survey.	DELWP Pre-harvest Survey completed 2/8/18, 4/9/18, 30/10/18, 8/1/19 & 11/5/19 to 31/5/19 which did not identify any species requiring protection measures. No further action required.	No further action required.
Other threatened flora	* None found *	Not Present	Not Present	No action required		
Rainforest in coupe	Warm Temperate RF	0.05	0.00	Warm Temperate Rainforest (EVC 32) detected in overlay process.	If Rainforest identified in the field, buffer according to latest Rainforest Action Statement, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014, VF Procedures 2016 and VicForests Post Bushfire Timber Harvesting Instruction v3.3. Buffer will be located and marked in the field using a GPS, compass, hip chain and/or range finder. Roading must be excluded from rainforest and rainforest buffers unless consultation and approval received from DELWP.	No Rainforest identified No further action required.
Rainforest site in coupe	R1	0.23	0.00	Rainforest Site of Significance (RFSOS) R1 Brown Creek (Thurra River Road) detected in overlay process.	If Rainforest identified in the field, buffer according to latest Rainforest Action Statement, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014, VF Procedures 2016 and VicForests Post Bushfire Timber Harvesting Instruction v3.3. Buffer will be located and marked in the field using a GPS, compass, hip chain and/or range finder. Roading must be excluded from rainforest and rainforest buffers unless consultation and approval received from DELWP.	No Rainforest identified No further action required.



**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
4. Biodiversity	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Rainforest site within 500m	Rainforest site of significance	Present	Present	Rainforest Site of Significance (RFSOS) R1 Brown Creek (Thurra River Road) and R1 & R2 Brown Creek (Future Trail) within 500m of coupe detected in overlay process.	If Rainforest identified in the field, buffer according to latest Rainforest Action Statement, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014, VF Procedures 2016 and VicForests Post Bushfire Timber Harvesting Instruction v3.3. Buffer will be located and marked in the field using a GPS, compass, hip chain and/or range finder. Roading must be excluded from rainforest and rainforest buffers unless consultation and approval received from DELWP.	No further action required.
Rainforest within 500m	Warm Temperate RF	6.73	0.00			
Reference Area within 500m of coupe	Reference area	Not Present	Not Present	No action required		
Spotted Tree Frog catchment in coupe		Not Present	Not Present	No action required		
Spotted Tree Frog catchment within 500m		Not Present	Not Present	No action required		
Spotted Tree Frog in coupe	* None found *	Not Present	Not Present	No action required		
Spotted Tree Frog within 500m	* None found *	Not Present	Not Present	No action required		
Threatened EVC in coupe	Warm Temperate Rainforest	0.00	0.00	Warm Temperate Rainforest (EVC 32) detected in overlay process.	If Rainforest identified in the field, buffer according to latest Rainforest Action Statement, DELWP Management Standards & Procedures for timber harvesting operations in Victoria's State forests 2014, VF Procedures 2016 and VicForests Post Bushfire Timber Harvesting Instruction v3.3. Buffer will be located and marked in the field using a GPS, compass, hip chain and/or range finder. Roading must be excluded from rainforest and rainforest buffers unless consultation and approval received from DELWP.	No Rainforest identified No further action required.



**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
4. Biodiversity	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Threatened EVC within 500m	Warm Temperate Rainforest	8.82	0.00	Warm Temperate Rainforest (EVC 32) detected in overlay process within 500m of coupe boundary.	If Rainforest identified in the field, buffer according to latest Rainforest Action Statement, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 , VF Procedures 2016 and VicForests Post Bushfire Timber Harvesting Instruction v3.3. Buffer will be located and marked in the field using a GPS, compass, hip chain and/or range finder. Roading must be excluded from rainforest and rainforest buffers unless consultation and approval received from DELWP.	No further action required.
Threatened fauna site in coupe	* None found *	Not Present	Not Present	No action required		
Threatened fauna site within 500m of coupe	* None found *	Not Present	Not Present	No action required		
Threatened flora site within 500m of coupe	Correa lawrenceana var. cordifolia: Pink Mountain-correa	Present	Present	VBA site identified in coupe overlay within 500m of coupe boundary.	The VBA threatened flora site is within SMZ M-874-08-01. SMZ boundary to be confirmed and marked in the field using a GPS, compass, hip chain and/or range finder. Boundary to be signed off by Operations Manager prior to harvesting commencement. No harvesting will occur within the SMZ.	Map supplied, with marking points to Senior forester for boundary sign off.
Threatened Species Observations in coupe	Ninox strenua: Powerful Owl	Not Present	Present	Powerful Owl habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is medium.	VicForests adaptive management prescription is to retain undisturbed habitat patches containing dense understorey and hollow-bearing trees within the harvestable area; Protect patches from harvesting and regeneration activities.	This coupe has been marked to comply with Vicforests Adaptive Management prescriptions for Variable Retention 1. An average minimum of 10 retained trees/ha.
Threatened Species Observations in coupe	Tyto novaehollandiae novaehollandiae: Masked Owl	Not Present	Present	Masked Owl habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is high.	VicForests adaptive management prescription is to retain undisturbed habitat patches containing dense understorey and hollow-bearing trees within the harvestable area; Protect patches from harvesting and regeneration activities.	This coupe has been marked to comply with Vicforests Adaptive Management prescriptions for Variable Retention 1. An average minimum of 10 retained trees/ha.

**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
4. Biodiversity	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Threatened Species Observations in coupe	Tyto tenebricosa tenebricosa: Sooty Owl	Not Present	Present	Sooty Owl habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is medium.	VicForests adaptive management prescription is to retain undisturbed habitat patches containing dense understorey and hollow-bearing trees within the harvestable area; Protect patches from harvesting and regeneration activities.	This coupe has been marked to comply with Vicforests Adaptive Management prescriptions for Variable Retention 1. An average minimum of 10 retained trees/ha.
Threatened Species Observations in coupe	Dasyurus maculatus maculatus: Spot-tailed Quoll	Not Present	Present	Spot-tailed Quoll habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is medium.	VicForests adaptive management prescription is to retain undisturbed habitat patches containing dense understorey, hollow-bearing trees and suitable denning habitat eg, large fallen hollow logs, within the harvestable area; protect patches from harvesting and regeneration activities.	VicForests adaptive management prescription is to retain undisturbed habitat patches containing dense understorey, hollow-bearing trees and suitable denning habitat eg, large fallen hollow logs, within the harvestable area; protect patches from harvesting and regeneration activities.
Threatened Species Observations in coupe	Petauroides volans: Greater Glider	Not Present	Present	Greater Glider habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is medium.	VicForests adaptive management prescription is to apply 40% retention of coupe basal area; Retain undisturbed habitat patches containing hollow-bearing trees and a variety of feed tree species within the harvestable area; Protect patches from harvesting and regeneration activities.	40% of coupe basal area to be retained in line with the Southern Greater Glider adaptive management prescriptions. Gross coupe area = 119.6ha. Total Coupe Basal area = 2018.25m <sup>2</sup> . Proposed Basal area retained = 1400.51m <sup>2</sup> = 69.4% of coupe basal area.
Threatened Species Observations in coupe	Petaurus australis: Yellow-bellied Glider	Not Present	Present	Yellow-bellied Glider habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is medium.	VicForests adaptive management prescription is to retain undisturbed habitat patches containing hollow-bearing trees and a variety of feed tree species within the harvestable area; Protect patches from harvesting and regeneration activities.	This coupe has been marked to comply with Vicforests Adaptive Management prescriptions for Variable Retention 1. An average minimum of 10 retained trees/ha.
Threatened Species Observations in coupe	Potorous longipes: Long-footed Potoroo	Not Present	Present	Long-footed Potoroo habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is medium.	VicForests adaptive management prescription is to buffer mapped and unmapped riparian areas containing dense understorey with a 40m buffer; Retain undisturbed habitat patches containing dense understorey within the harvestable area; Protect patches and buffers from harvesting and regeneration activities.	This coupe has been marked to comply with Barred galaxias prescription found in the Management Standards and procedures 8.1.10 Table 23 Map supplied, with marking points to Senior forester for boundary sign off.

**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
4. Biodiversity	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Threatened Species Observations in coupe	Heleioporus australiacus: Giant Burrowing Frog	Not Present	Present	Giant Burrowing Frog habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is Medium.	VicForests adaptive management prescription is to protect this species by buffering mapped and unmapped permanent streams, temporary streams and drainage lines as per Barred galaxias prescription to protect from erosion and sedimentation during harvesting and roading activities. No construction of new stream crossings. New roads to be positioned at least 50m from streams and heads of gullies. Protect buffers and filters from regeneration activities; Apply a 20m buffer to waterbodies away from streams that may be potential breeding sites; Protect buffer from harvesting and regeneration activities.	This coupe has been marked to comply with Barred galaxias prescription found in the Management Standards and procedures 8.1.10 Table 23 Map supplied, with marking points to Senior forester for boundary sign off.
Threatened Species Observations in coupe	Litoria littlejohni: Large Brown Tree Frog	Not Present	Present	Large Brown Tree Frog habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is medium.	VicForests adaptive management prescription is to apply a 20m buffer to waterbodies away from streams that may be potential breeding sites; Protect buffers from harvesting and regeneration activities.	Contractors will be briefed when signed into coupe by the Forest officer on how to identify and how to exclude from harvesting if possible.
Threatened Species Observations in coupe	Euastacus bidawalus: East Gippsland Spiny Crayfish	Not Present	Present	East Gippsland Spiny Crayfish habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is high.	VicForests adaptive management prescription is to apply Code or policy requirements. Buffer mapped and unmapped permanent streams, temporary streams and drainage lines as per Barred galaxias prescription to protect from erosion and sedimentation during harvesting and roading activities. No construction of new stream crossings. New roads to be positioned at least 50m from streams and heads of gullies. Protect buffers and filters from regeneration activities.	This coupe has been marked to comply with Barred galaxias prescription found in the Management Standards and procedures 8.1.10 Table 23 Map supplied, with marking points to Senior forester for boundary sign off.
Threatened Species Observations in coupe	Persoonia levis: Smooth Geebung	Not Present	Present	Smooth Geebung habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is Medium.	VicForests adaptive management prescription is to retain undisturbed patches containing suitable understory habitat within the harvestable area; Protect patches from harvesting and regeneration activities.	No Smooth geebung identified during coupemarking.



**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
4. Biodiversity	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Threatened Species Observations in coupe	Brachyscome salkiniae: Elegant Daisy	Not Present	Present	Elegant Daisy habitat distribution model overlaps this coupe.	VicForests adaptive management prescription is to retain undisturbed patches containing suitable understory habitat within the harvestable area; Protect patches from harvesting and regeneration activities.	Contractors will be briefed when signed into coupe by the Forest officer on how to identify the Specific species and how to exclude from harvesting if possible.
Threatened Species Observations within 500m of coupe	* None found *	Not Present	Not Present	No action required		
Threatened Species Observations within 500m of coupe	* None (issue will not be saved)	Not Present	Not Present	No action required		
VF Large Trees in Coupe	None found	Not Present	Not Present	No action required		
VF Large Trees within 500m	None found	Not Present	Not Present	No action required		
5. Historical	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Aboriginal Cultural Sensitivity Area in coupe	* None found	0.00	0.00	Consultation with AAV was undertaken during the TRP approval process. No registered Aboriginal Cultural Heritage sites were identified. No restriction to harvesting. No further action.		
Aboriginal Cultural Sensitivity Area within 500m	Watercourse	57.63	0.00	Area of Cultural Sensitivity within 500m of coupe boundary identified in the overlay process.	Consultation with AAV was undertaken during the TRP approval process. No registered Aboriginal Cultural Heritage sites were identified. No restriction to harvesting. No further action.	No further action required.
Historic areas in coupe	* None found *	Not Present	Not Present	No action required		
Historic areas within 500m	* None found *	Not Present	Not Present	No action required		
Historic sites in coupe	Historic site	Not Present	Not Present	No action required		
Historic sites within 500m	Historic site	Not Present	Not Present	No action required		

**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
5. Historical	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Historic tramway site in coupe	Historic tramway	Not Present	Not Present	No action required		
Historic tramways site within 500m of coupe	Historic tramway	Not Present	Not Present	No action required		
Other historical issues	Other historical issues	[n/a]	Not Present	No action required		
6. Landscape	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Foreground issues (0-500m)	* None found *	0.00	0.00	No action required		
Landscape Issues in coupe	* None found *	0.00	0.00	No action required		
Middleground issues (500m-6.5k)	* None found *	0.00	0.00	No action required		
Other landscape issues	Other landscape issues	[n/a]	Not Present	No action required		
Outer issues (6.5k - 12km)	MOUNT_KAYE_p Outer	74.81	0.00	Overlay process has identified outer area issues within gross coupe boundary.	Design timber harvesting operations so that clearfell and skyline 'notches' are not apparent from the scenic drives and designated lookouts.	No further action required.
Outer issues (6.5k - 12km)	PRINCES_HIGHWAY Outer	12.09	0.00	Overlay process has identified outer area issues within gross coupe boundary.	Design timber harvesting operations so that clearfell and skyline 'notches' are not apparent from the scenic drives and designated lookouts.	No further action required.
Outer issues (6.5k - 12km)	WEST_WINGAN_ROAD Outer	8.18	0.00	Overlay process has identified outer area issues within gross coupe boundary.	Design timber harvesting operations so that clearfell and skyline 'notches' are not apparent from the scenic drives and designated lookouts.	No further action required.
Scenic Drive Network in or within 100m of coupe	* None found *	0.00	0.00	No action required		
Sensitive Ridgelines in or within 500m of coupe	* None found *	0.00	0.00	No action required		
Sensitive View Areas in coupe	* None found *	0.00	0.00	No action required		



**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
6. Landscape	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Sensitive View Areas within 500m of coupe	* None found *	0.00	0.00	No action required		
7. Research	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Other research issues	Other research issues	[n/a]	Not Present	No action required		
Permanent Growth Plot buffer in coupe	Permanent Growth Plot buffer	Not Present	Not Present	No action required		
8. Weeds, Pests & Disease	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Pests and Disease	None identified	[n/a]	None identified	No evidence of pest animals and diseases detected during field inventory.	No further action required.	No further action required.
Weeds	None identified	[n/a]	None identified	No evidence of pest plants detected during field inventory.	No further action required.	No further action required.
<i>End of Forest Operations Coupe Plan Section 4</i>						



**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 5**  
**Contractor Section - Harvesting Commencement & Completion Declarations**

Harvesting commencement declaration	Contractor/HTL Initial	VicForests Initial
▪ I have received a copy of the Forest Coupe Plan and a copy of the Utilisation Procedures.		
▪ I have discussed this Forest Coupe Plan with an Officer of VicForests and understand it.		
▪ I will ensure that this operation is conducted in accordance with the Forest Coupe Plan, the Utilisation Procedures and the Occupational Health and Safety Act.		
▪ I will ensure that all operators working on this coupe are aware of their responsibilities under this Forest Coupe Plan.		
▪ I will ensure that all operators hold a current FOLS with all appropriate endorsements prior to them commencing work on the coupe.		
▪ An identification of hazards associated with this coupe was conducted in accordance with the Industry Standard: Safety in Forestry Operations (Harvesting and Haulage) 2007 and the Occupational Health and Safety Act 2004.		
▪ The Contractor/HTL acknowledges that it is their responsibility to identify the appropriate controls for all identified hazards. VicForests acknowledges that the Contractor/HTL has a hazard control plan that identifies all addresses all identified hazards.		
▪ Landing(s) location has been agreed to by VicForests and the Contractor/HTL		
▪ Location/selection of retained trees has been agreed to by VicForests and the Contractor/HTL		
▪ I have been briefed on the identification and habitat retention strategies put in place to manage Biodiversity Values identified in this coupe as outlined in the HCV summary and retention plan		
Contractor / HTL _____	Signed _____	Date _____
Sanctioned By VicForests Officer _____	Signed _____	Date _____

**The names and FOLS numbers of the crew working on this Harvest Unit are:**

HTL _____	FOLS No. _____	
Log Grader _____	FOLS No. _____	Hammer No. _____
Crew Member _____	FOLS No. _____	
Crew Member _____	FOLS No. _____	
Crew Member _____	FOLS No. _____	
Crew Member _____	FOLS No. _____	







**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 5**  
**Contractor Section - Harvesting Commencement & Completion Declarations**

**Provisional Clearance Declaration**

This coupe cannot be completed until a later date. This provisional clearance has been granted to the Logging Team Leader subject to the coupe being left in an approved condition.

I acknowledge that if directed by VicForests, I will return to carry out any actions that result from the temporary clearance assessment.

Contractor/HTL \_\_\_\_\_

Signed \_\_\_\_\_

Date \_\_\_\_\_

**This harvesting operation has been completed to the satisfaction of VicForests.**

VicForests Officer \_\_\_\_\_

Signed \_\_\_\_\_

Date \_\_\_\_\_

**Harvesting Re-commencement Declaration**

- I have received a copy of the Forest Coupe Plan and a copy of the Utilisation Procedures.
- I have discussed the Forest Coupe Plan with an Office of VicForests and understand it.
- A reassessment of the hazards and controls associated with the coupe was conducted in accordance with the Industry Standard: Safety in Forestry Operations (Harvesting and Haulage) 2007 and the Occupational Health and Safety Act 2004.
- I will ensure that this operation is conducted in accordance with the Forest Coupe Plan, the Utilisation Procedures and the Occupational Health and Safety Act.
- I will ensure that the operators working on this coupe are aware of their responsibilities under the Forest Coupe Plan.
- I will ensure that all operators hold a current FOLS with all appropriate endorsements prior to commencing work on the coupe.

Contractor/HTL \_\_\_\_\_

Signed \_\_\_\_\_

Date \_\_\_\_\_

Witnessed by  
VicForests Officer \_\_\_\_\_

Signed \_\_\_\_\_

Date \_\_\_\_\_



**Harvest Unit 874-512-0008-B - Brave Duck**  
**FOREST OPERATIONS COUPE PLAN - SECTION 5**  
**Contractor Section - Harvesting Commencement & Completion Declarations**

**Final Completion and Clearance Declaration**

This clearance to leave the coupe has been granted to the Contractor / Logging Team Leader.

I acknowledge that if directed by VicForests, I will return to carry out any actions that result from the final clearance assessment.

Contractor/HTL \_\_\_\_\_

Signed \_\_\_\_\_

Date \_\_\_\_\_

**This coupe has been completed to the satisfaction of VicForests.**

VicForests Officer \_\_\_\_\_

Signed \_\_\_\_\_

Date \_\_\_\_\_

*\* record in Cengea*

*End of Forest Operations Coupe Plan Section 5*