



Forest Operations Coupe Plan

for

Harvest Unit 770-507-0005-A - Bayled up

Swifts Creek

770 - Mt Delusion

Location of coupe centroid

Easting/Northing: (GDA-94)	548559/5870598 Zone 55
VicGrid	2725818/2462580
Latitude/Longitude:	37° 18' 36" S/147° 32' 53" 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 770-507-0005-A - Bayled up
FOREST OPERATIONS COUPE PLAN - SECTION 1
 Contractor Section - Coupe Description

Descriptive Information		(also see Part 2: Coupe Map - Operation and Context)		
Forest type	Mountain mixed species			
Area of TRP Boundary	39.4			
Area of Harvest Unit (operational area)	29.5			
Regional Forest Agreement	GIPPSLAND			
Forest Management Area	Tambo			
General aspect	Easterly			
Elevation	1000 meters			
Slope	Minimum 0°; Average 15°; Maximum 30°			
Proportion of the nett coupe area > 20°	11-40 %			
		Horizon A	Horizon B	Horizon C
Soil Erosion Classification		<i>Low</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	
Alpine Ash	B	64 m ³	
Alpine Ash	C	40 m ³	
Alpine Ash	D	11 m ³	
Alpine Ash	E	116 m ³	
Alpine Ash	H	116 m ³	
Manna Gum	B	12 m ³	
Manna Gum	C	598 m ³	

Estimated species and volumes

Product	Grade	Volume
Manna Gum	D	256 m ³
Manna Gum	E	532 m ³
Manna Gum	H	799 m ³
Messmate	B	78 m ³
Messmate	C	904 m ³
Messmate	D	273 m ³
Messmate	E1	236 m ³
Messmate	E2	362 m ³
Messmate	H	150 m ³
Messmate	M	748 m ³
Peppermint	C	30 m ³
Peppermint	D	14 m ³
Peppermint	M	267 m ³

End of Forest Operations Coupe Plan Section 1



Harvest Unit 770-507-0005-A - Bayled up
FOREST OPERATIONS COUPE PLAN - SECTION 2
 Contractor Section - Contractor Direction

Personnel	
VF Officer	
Contractor	
Operational Issues	
Silvicultural Intent	Adaptive Silvicultural Systems
Silviculture system(s)	Variable retention 1
Recommended harvesting period	Summer of 2020-2021
Description of the coupe boundaries and method used to locate boundary in the field	The coupe has been marked using a GPS, flagging tape, a rangefinder and Clino. Starting at the most southern point of the coupe along Bayliss Spur rd, the boundary marked in Blue tapes leaves the road and marks in the timber as it follows a drainage line down slope. A large tree is marked out in Pink Tape as well as some mine diggings up slope from the drainage line. The tapes then return to Blue as the wood is followed down the gully, well over 20m from it so therefore not buffered out. As the tapes become closer to the drainage line a 10m buffer in Pink is applied until the 100m buffer is met for the Galaxias. The tapes then follow this buffer in a NE direction, until another gully comes in from the west, this gully is followed to the west towards Bayliss Spur rd. The tapes change to blue about 150m from the road then continue up onto the road then to the south to the start point in Blue.
Operational constraints	
Social Issues	
Identified social issues	
Coupe Access	
Proposed Access	The bottom of the coupe is accessed by the roadline 770-507-0006 Bayliss Spur Track or the coupe could be switchbacked down through - Delusion Road
Proposed driveway length to construct	0
Proposed in-coupe road length to construct	500
Proposed in-coupe roading requirements	The coupe can be accessed from the top or the bottom, neither options will be cheap.
Proposed number of stream crossings	1
Proposed number of landings	3



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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		
Planned silvicultural system and requirements		
	Planned silvicultural system and requirements	A VR1 retention system will be applied to the whole harvestable area. The VR1 Silvicultural system of (10 trees/ha) made up of retention patches and retained trees will be applied within the harvestable area, prioritising hollow-bearing trees and feed trees of mixed species for retention. Gaps between retained vegetation will be no larger than 150m
Additional specifications, requirements or instructions		
	Additional specifications, requirements or instructions	
5.	Coupe boundaries	
5.1	Marking a coupe	The coupe has been marked using a GPS, flagging tape, a rangefinder and Clino. Starting at the most southern point of the coupe along Bayliss Spur rd, the boundary marked in Blue tapes leaves the road and marks in the timber as it follows a drainage line down slope. A large tree is marked out in Pink Tape as well as some mine diggings up slope from the drainage line. The tapes then return to Blue as the wood is followed down the gully, well over 20m from it so therefore not buffered out. As the tapes become closer to the drainage line a 10m buffer in Pink is applied until the 100m buffer is met for the Galaxias. The tapes then follow this buffer in a NE direction, until another gully comes in from the west, this gully is followed to the west towards Bayliss Spur rd. The tapes change to blue about 150m from the road then continue up onto the road then to the south to the start point in Blue.
5.2	Construction of boundary trails	A boundary trail is to be constructed before any harvesting starts within the coupe
5.3	Location of Boundary Trails	No variation in standard to the Utilisation Procedures

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FOREST OPERATIONS COUPE PLAN - SECTION 2
Contractor Section - Contractor Direction

5.4	Converting boundary trail to fire trail	The Boundary trail is to be progressively converted into a fire trail as harvesting is completed along that section at Vic forests expence
6.	Excluded areas	
6.1	Activities in excluded areas	A Contractor must not, in any excluded area: (i) fell any tree or damage any tree ; or (ii) allow any felled tree to fall or slide into the area; or (iii) allow debris to accumulate; or (iv) allow any machine to enter the area, except where that action has been both authorised by a VicForests representative and recorded on the Forest Coupe Plan or coupe diary. (b) A Contractor must not remove any tree or part of any tree which falls or slides into an excluded area, unless that action has been both authorised by a VicForests representative and recorded on the coupe diary.
7.	Harvest requirements	
7.1	Retained Trees	All trees retained as habitat or seed trees must not be allowed to accumulate logging debris within 3m of the base of that tree
7.2	Large Tree Protection	All trees with a diamater of 2.5 meters or greater must be excluded from harvest and harvest debris kept 3m away from the base of the tree if safe to do so
7.3	Trees to be felled	Only merchantable trees are to be priotised for harvesting, outside of habitat clusters. All others are to remain as habitat/retention trees
7.4	Stump heights	No variation in standard to the Utilisation Procedures
7.6	Coupe utilisation requirements	No variation in standard to the Utilisation Procedures
9.	Thinning requirements	
9.2	Trees to be retained	
9.3	Thinning method	
9.4	Damage	
10.	Extraction tracks within coupes	
10.1	Location of Extraction Tracks	
10.2	Blading-off	A Harvesting Contractor must ensure that no extraction track is bladed off, except where this action has been approved by VicForests, and recorded in the coupe diary on each occassion

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FOREST OPERATIONS COUPE PLAN - SECTION 2
Contractor Section - Contractor Direction

10.3	Drainage and rehabilitation	<p>All snig tracks converging to the landing must be ripped for a distance of 30m from the landing.</p> <p>Cross drainage structures during rehabilitation will need to be at a spacing of:</p> <p><6 deg slope, 90m apart. 6-11 deg slope, 60m apart. 11-18 deg slope, 40m apart. 18-27 deg slope, 20m apart.</p>
10.4	Snigging on roads	
10.5	Stream crossings	
12.	Landings	
12.1	Location of landings	<p>All landings are at least 20 metres from any permanent Class 5C or lower class of road. No road is used as a landing or to load logs, except during the construction of a road, or where the Forest Coupe Plan authorises that use</p> <p>Locate landings, where possible:</p> <p>a) at least 40 m for slopes of 15 deg or less, or 60 m for slopes of greater than 15 deg, from any permanent stream, or wetland; and b) at least 20 m for slopes of 15 deg or less, or 30 m for slopes of greater than 15 deg, from any temporary stream and any drainage line.</p>
12.2	Construction and maintenance of landings	<p>The landing must not be larger than 0.5 hectares in area, in any Ash coupe, all topsoil and vegetation is removed from the site of the landing and the topsoil maintained in a stockpile, clear of logging debris and undisturbed by machinery. A landing is not bladed-off unless blading-off has been both authorised by a VicForests representative and recorded in the coupe diary</p>
12.5	Bark disposal	<p>A Contractor must ensure that, where a log is debarked on the coupe all bark is re-distributed throughout the coupe during harvesting - in piles not exceeding 4 square meters (ground area) and 10 m³ total and all piles of re-distributed bark are placed at least 30 m from the coupe boundary, bark must not be deliberately placed on snig tracks</p>
12.7	Rehabilitation	<p>Promptly after harvesting is completed, all logs remaining on a landing are cleared and any accumulated debris and bark is re-distributed in the coupe. Landings are to be ripped and top soil redistributed if any, all snig tracks leading away from the landing are to be ripped for a distance of 30m</p>
13.	Road and construction maintenance	

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FOREST OPERATIONS COUPE PLAN - SECTION 2
Contractor Section - Contractor Direction

13.2	Location, design and period of construction	
13.4	Grade	
13.5	Clearing	
13.6	Earthworks	
13.7	Drainage	Install drainage structures for all coupe and haulage infrastructure at an appropriate frequency. Cross drainage structures, Run-offs or Culverts will need to be at a spacing of: <6 deg slope, 90m apart. 6-8 deg slope, 50m apart. 8-11 deg slope, 20m apart.
13.8	Maintenance	
13.9	Stream and drainage line crossings	Minimal soil disturbance and tree removal for the continuation of the road through the VFSMP buffer (Mountain Galaxias buffer) is required. Any drainage of this road, is to go through sediment control structures if within the VFSMP buffer
13.11	Closure and rehabilitation of roads	
13.13	Removal and rehabilitation of bridges, crossings and culverts	
14.	Quarries, borrow pits and fill disposal areas	
14.0	Quarries, borrow pits and fill disposal areas	
15.	Preparation, measurement, grading and extraction of logs	
15.2	Log preparation	
21.	Carting logs	
21.1	Carting logs - general obligations of the driver	No variation in standard to the Utilisation Procedures
23.	Weather restrictions	
23.0	Weather restrictions	No variation in standard to the Utilisation Procedures
26.	Sorting and using fuel and servicing machinery	



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FOREST OPERATIONS COUPE PLAN - SECTION 2
Contractor Section - Contractor Direction

26.1	Fuel location	Fuel and oil containers must be stored within the coupe boundary at all times.
26.2	Fuel precautions	All fuel & petroleum products must be sufficiently banded to prevent any overland flow if containers/trailers should be accidentally damaged or suffer from a structural failure.
27.	Camp sites, waste disposal and forest hygiene	
27.1	Camp sites	Camp sites should be kept clean and tidy at all times. Rubbish is to be contained within a suitable receptacle. Domestic or industrial rubbish must not be burnt on site. All human waste must be disposed of in a chemical toilet, or immediately covered in an earthen trench. No ablutions units are to be located in the vicinity of any drainage lines or permanent streams.
27.3	Water points	
27.4	Forests hygiene (weeds, pests and disease)	
27.5	Field Washdown/Cleaning Procedure for Machinery	
All other action will be conducted as per the Utilisation Procedures, unless outlined in the Coupe Diary by a VicForests Officer.		

Habitat Retention Plan



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 Contractor Section - Contractor Direction

Habitat Description and Marking	<p>Manage HCVs and Habitat Trees in line with VicForests Harvest Retention Systems</p> <p>All streams and waterways are to be marked with appropriate buffers applied accordingly eg(20m buffers for streams, 10m buffers for temporary streams and 10m filters for drainage lines, these buffers and filters will also help to provide corridors for animals to move throughout the coupe, A VFSMP buffer is also over the main waterway in this coupe because of the Mountain Galaxis, giving a 100m buffer, 1km either side of the detection area</p> <p>Where safe to do so, any Individual HBT 1 trees identified during operations are to be retained and an additional 4 recruitment trees left in proximity (up to 30m), also retain any non-merchantable trees.</p> <p>Because of the high number of yellow bellied gliders, all feed trees will be retained and others included in retention patches.</p> <p>Gap size should be approximately 1-5 ha in size and distance between retained vegetation to be no larger than 150m</p> <p>Retain a minimum of 10 trees for per ha within the VR1 area across the harvestable area (gap) as outlined in MSPs along with habitat clusters as per the markings on the contractors tablet.</p>													
Habitat trees will be retained... <ul style="list-style-type: none"> . Outside the harvesting tapes, but within the 'gross coupe boundary' . As individual trees along the edge, outside the harvested area . As individual trees, scattered throughout the coupes . In patch(es)/clump(s) within the harvested area . To serve as seed trees also . Other requirements 	<table border="1"> <thead> <tr> <th align="center" colspan="2">Scenario</th> </tr> </thead> <tbody> <tr> <td align="center">Yes</td> <td align="center">Yes</td> </tr> <tr> <td align="center">No</td> <td align="center">No</td> </tr> <tr> <td align="center">Yes</td> <td align="center">Yes</td> </tr> <tr> <td align="center">Yes</td> <td align="center">Yes</td> </tr> <tr> <td align="center">Yes</td> <td align="center">Yes</td> </tr> </tbody> </table>		Scenario		Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Scenario														
Yes	Yes													
No	No													
Yes	Yes													
Yes	Yes													
Yes	Yes													
Other requirements														
Any yellow-bellied glider feed trees are to be retained if possible														

* See variation page for marking procedure.

End of Forest Operations Coupe Plan Section 2



Harvest Unit 770-507-0005-A - Bayled up
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?	Yes / No	
Arial Hazard		
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)	10 % if > 50% handfall not allowed as main harvest method.	
Percentage of the trees having mature interlocked crowns	20 % if > 50% handfall not allowed as main harvest method.	
Ground Hazard		
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.	Some mine diggings found along the south western boundary about 120m from Bayliss Spur rd	
Access Roads/Landings		
Grade	[None]	
Width	[None]	
Traffic & Falling Ops	TMP required for Bayliss Spur Rd	
Access	[None]	



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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?	[None]	
Fire	[None]	
Hand Falling	As-per the K-Tree system for hazardous trees	
Other	[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>Describe hazard</i>	<i>Action Required</i>	<i>Responsible person</i>	<i>Date Required</i>	<i>Complete Y/N</i>

End of Forest Operations Coupe Plan Section 3

Harvest Unit 770-507-0005-A - Bayled up
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	No further action required.	
Apiary zone within coupe	* None found *	Not Present	Not Present	No action required	No further action required.	
Fire Fuel Management Zone in coupe	3 - Landscape Management Zone	39.39	39.39	Coupe within Fire Management Zone 3: Landscape Management Zone.	No restrictions to timber harvesting or regeneration activities. No further action required.	No further action required.
Forest Management Zone within 200m	CFP : Code of Forest Practice	Present	Present	Modelled Code of Practice for Timber Production exclusion areas adjacent to coupe boundary.	Protection requirements under the Code of Practice for Timber Production will be determined during field marking of the coupe.	No harvesting activities will occur outside of the TRP boundary.
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 500m	CFP : Code of Forest Practice	Present	Present	Modelled Code of Practice for Timber Production exclusion areas 200-500m of coupe boundary.	Protection requirements under the Code of Practice for Timber Production will be determined during field marking of the coupe.	No harvesting activities will occur outside of the TRP boundary.
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 coupe	CFP : Code of Forest Practice	6.95	6.95	Modelled Code of Practice for Timber Production exclusion areas within gross coupe boundary.	Protection requirements under the Code of Practice for Timber Production will be determined during field marking of the coupe.	Protection requirements under the Code of Practice for Timber Production will be determined during field marking of the coupe. Waterways, drainage lines and slope have been marked with appropriate buffers and filters as per the code and the VFSMP
Forest Management Zone within coupe	GMZ : General Management Zone	32.45	32.45	General Management Zone within gross coupe boundary.	Harvest in accordance with the Code of Practice for Timber production.	Harvest in accordance with the Code of Practice for Timber production.
Heritage River Buffer in coupe	Heritage River Buffer in coupe	Not Present	Not Present	No action required	No further action required.	
Heritage River Buffer within 500m	Heritage River Buffer within 500m	Not Present	Not Present	No action required	No further action required.	
Non-State Forest in coupe	* None found *	0.00	0.00	No action required	No further action required.	
Other situation issues	[n/a]	[n/a]				
Permanent fire break in coupe	* None found *	0.00	0.00	No action required	No further action required.	
Permanent fire break within 500m of coupe	* None found *	0.00	0.00	No action required	No further action required.	



Harvest Unit 770-507-0005-A - Bayled up
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
Private land within 500m	Private property	Not Present	Not Present	No action required	No further action required.	
Private land within coupe	Private property	Not Present	Not Present	No action required	No further action required.	
Recreational hut in coupe	Recreation hut	Not Present	Not Present	No action required	No further action required.	
VF Reserve in coupe	* None found *	0.00	0.00	No action required	No further action required.	
VF Reserve within 500m	* None found *	0.00	0.00	No action required	No further action required.	
VF SMA in coupe	* None found *	0.00	0.00	VicForests Special Management Area (VF SMA) Mountain Galaxias (<i>Galaxias olidus</i>) within gross coupe boundary.	VFSMP404 created after DELWP Pre-harvest survey found Mountain Galaxias within coupe. No timber harvesting, roading or regeneration activities within VFSMA. Stream crossings over permanent and temporary streams and drainage lines will be minimised. Boundary to be signed off by Operations Manager prior to harvesting commencement. No harvesting will occur within the VFSMA.	Minimal soil disturbance and tree removal on the completion of the road through the VFSMP buffer and for the coupe access road, water runoff from landing access road is to be directed through silt traps and sediment control devices. No landing or harvesting activities allowed within VFSMP buffer
VF SMA within 500m	* None found *	0.00	0.00	VicForests Special Management Area (VF SMA) Mountain Galaxias (<i>Galaxias olidus</i>) within 500m gross coupe boundary.	Values of VFSMA (VFSMP404) will not be affected by timber harvesting. No further action required.	Values of VFSMA (VFSMP404) will not be affected by timber harvesting. No further action required.
Walking track in coupe	Walking track	Not Present	Not Present	No action required	No further action required.	
Walking track within 500m of coupe	Walking track	Not Present	Not Present	No action required	No further 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	Ash	22.31	22.31	Forest stand type confirmed in the field.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.
Allocation Order Stratum	Mixed Species	17.08	17.08	Forest stand type confirmed in the field.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.

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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	TAMBO RIVER	39.39	0.00	Coupe located within Tambo River water supply catchment.	No existing management prescriptions apply to this part of the water shed. Harvest in accordance with the Code of Practice for Timber Production.	No existing management prescriptions apply to this part of the water shed. Waterways, drainage lines and slope have been marked with appropriate buffers and filters
Designated Water Supply Catchment within 500m	TAMBO RIVER	209.45	0.00	Coupe adjacent Tambo River water supply catchment.	No existing management prescriptions apply to this part of the water shed. Harvest in accordance with the Code of Practice for Timber Production.	No existing management prescriptions apply to this part of the water shed. Waterways, drainage lines and slope have been marked with appropriate buffers and filters
Other water issues	[n/a]	[n/a]				
Slope Class within coupe	0-20 Degrees	21.57	21.57	21.57 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.	Waterways, drainage lines and slope have been marked with appropriate buffers and filters as-per the code with 20m buffers and 10m filters or excluded because of slope
Slope Class within coupe	20-25 Degrees	14.91	14.91	14.91 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.	Waterways, drainage lines and slope have been marked with appropriate buffers and filters as-per the code with 20m buffers and 10m filters or excluded because of slope
Slope Class within coupe	25-30	2.92	2.92	2.92 ha of slope between 25-30 degrees within coupe.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures.	Waterways, drainage lines and slope have been marked with appropriate buffers and filters as-per the code with 20m buffers and 10m filters or excluded because of slope
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.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures.	Waterways, drainage lines and slope have been marked with appropriate buffers and filters as-per the code with 20m buffers and 10m filters
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	No further action required.	
Old Growth Forest in coupe	* None found	0.00	0.00	Prior to harvest, an assessment is to be completed to determine if Old Growth is present in the field.	If Old Growth is assessed as present in the field, exclude this area from timber harvesting activity.	
Old Growth Forest within 500m	Old Growth Forest	Present	Present	Modelled old growth within 500m of coupe boundary.	No further action required.	No further action required.

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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
Other biodiversity issues	Other biodiversity issues	[n/a]	Present	DELWP (FPSP) Pre-harvest survey.	DELWP (FPSP) Pre-harvest Survey completed 22/10/2020 which identified Mountain Galaxias. See VF SMA and Threatened Fauna sections of the management issues for protection measures.	Minimal soil disturbance and tree removal on the completion of the road through the VFSMP buffer, water runoff from landing access road is to be directed through silt traps and sediment control devices. No landing or harvesting activities allowed within VFSMP buffer
Other threatened flora	* None found *	Not Present	Not Present	No action required	No further action required.	
Rainforest in coupe	None found	0.00	0.00	No action required	No further action required.	
Rainforest site in coupe	* None found *	0.00	0.00	No action required	No further action required.	
Rainforest site within 500m	Rainforest site of significance	Not Present	Not Present	No action required	No further action required.	
Rainforest within 500m	None found	0.00	0.00	No action required	No further action required.	
Reference Area within 500m of coupe	Reference area	Not Present	Not Present	No action required	No further action required.	
Spotted Tree Frog catchment in coupe		Not Present	Not Present	No action required	No further action required.	
Spotted Tree Frog catchment within 500m		Not Present	Not Present	No action required	No further action required.	
Spotted Tree Frog in coupe	* None found *	Not Present	Not Present	No action required	No further action required.	
Spotted Tree Frog within 500m	* None found *	Not Present	Not Present	No action required	No further action required.	
Threatened EVC in coupe	* None found *	0.00	0.00	No action required	No further action required.	
Threatened EVC within 500m	* None found *	0.00	0.00	No action required	No further action required.	

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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 fauna site in coupe	Tyto tenebricosa: Sooty Owl	Present	Present	Sooty Owl record identified within coupe. Species listed in the FFG Act with an action statement, EG FMP with conservation guidelines, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 and VicForests Procedures 2016.	Sooty Owl heard within coupe boundary. Harvesting Foresters to look out for nesting and roosting sites utilised recently and frequently (based on reliable observation or physical evidence such as pellets or wash) located within coupe, especially around drainage line within coupe. If located they must be protected by a SPZ of 3ha and a SMZ of 250-300m radius (or equivalent linear area) around each verified site.	During marking of the coupe no evidence of roosting or nesting sites were found. Harvesting Foresters have asked the LTL to look out for nesting and roosting sites utilised recently and frequently (based on reliable observation or physical evidence such as pellets or wash) located within coupe, especially around drainage line within coupe. If located they must contact the responsible forester and the site will be protected by a SPZ of 3ha and a SMZ of 250-300m radius (or equivalent linear area) around each verified site.
Threatened fauna site in coupe	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider record identified within coupe. Species not listed in the FFG Act. Species is not listed in the Gippsland FMP with conservation guidelines, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 and VicForests Procedures 2016.	The number of records for Yellow-bellied Glider does not have a prescription in the Gippsland FMA. However as part of VicForests HCV strategy, habitat retention must include the protection of large hollow-bearing trees, which provide habitat for resident gliders, possums and owls. Value to be considered during coupe habitat retention planning.	The coupe will be harvested using a habitat retention plan to cater for all modelled habitat, where all large hollow bearing trees will be retained for suitable habitat. Any Yellow-bellied Glider feed trees found during the marking or harvesting of the coupe will be retained.
Threatened fauna site within 500m of coupe	Tyto tenebricosa: Sooty Owl	Present	Present	Sooty Owl record identified within 500m of coupe boundary. Species listed in the FFG Act with an action statement, EG FMP with conservation guidelines, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 and VicForests Procedures 2016	Sooty Owl heard within 500m of coupe boundary. Harvesting Foresters to look out for nesting and roosting sites utilised recently and frequently (based on reliable observation or physical evidence such as pellets or wash) located within coupe. If located they must be protected by a SPZ of 3ha and a SMZ of 250-300m radius (or equivalent linear area) around each verified site.	During marking of the coupe no evidence of roosting or nesting sites were found. Harvesting Foresters have asked the LTL to look out for nesting and roosting sites utilised recently and frequently (based on reliable observation or physical evidence such as pellets or wash) located within coupe, especially around drainage line within coupe. If located they must contact the responsible forester and the site will be protected by a SPZ of 3ha and a SMZ of 250-300m radius (or equivalent linear area) around each verified site.

Harvest Unit 770-507-0005-A - Bayled up
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 fauna site within 500m of coupe	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider record identified within 500m of coupe boundary. Species not listed in the FFG Act. Species is not listed in the Gippsland FMP with conservation guidelines, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 and VicForests Procedures 2016.	No prescription in the Gippsland Forest Management Plan for this species. No further action required.	The coupe will be harvested using a habitat retention plan to cater for all modelled habitat, where all large hollow bearing trees will be retained for suitable habitat. Any Yellow-bellied Glider feed trees found during the marking or harvesting of the coupe will be retained.
Threatened fauna site within 500m of coupe	Galaxias olidus: Mountain Galaxias	Present	Present	Mountain Galaxias record identified within 500m of coupe. Species not listed in the FFG Act. Species is listed in the Gippsland FMP with conservation guidelines and DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 or VicForests Procedures 2016.	Minimise stream crossings over permanent and temporary streams and drainage lines in catchments containing Mountain Galaxias. Manage in accordance of prescriptions of VFSMP404 Mountain Galaxias has been defined by placing a 100m Special Management Zone either side of the stream for 1 km upstream and 1 km downstream from the record.	Minimal soil disturbance and tree removal on the completion of the road through the VFSMP buffer, water runoff from landing access road is to be directed through silt traps and sediment control devices. No landing or harvesting activities allowed within VFSMP buffer
Threatened flora site within 500m of coupe	* None found *	Not Present	Not Present	No action required	No further action required.	
Threatened Species Observations in coupe	Tyto tenebricosa tenebricosa: Sooty Owl	Present	Present	Sooty Owl record identified within coupe. Species listed in the FFG Act with an action statement, EG FMP with conservation guidelines, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 and VicForests Procedures 2016.	Sooty Owl heard within coupe boundary. Harvesting Foresters to look out for nesting and roosting sites utilised recently and frequently (based on reliable observation or physical evidence such as pellets or wash) located within coupe, especially around drainage line within coupe. If located they must be protected by a SPZ of 3ha and a SMZ of 250-300m radius (or equivalent linear area) around each verified site.	During marking of the coupe no evidence of roosting or nesting sites were found. Harvesting Foresters have asked the LTL to look out for nesting and roosting sites utilised recently and frequently (based on reliable observation or physical evidence such as pellets or wash) located within coupe, especially around drainage line within coupe. If located they must contact the responsible forester and the site will be protected by a SPZ of 3ha and a SMZ of 250-300m radius (or equivalent linear area) around each verified site.

Harvest Unit 770-507-0005-A - Bayled up
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	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider record identified within coupe. Species not listed in the FFG Act. Species is not listed in the Gippsland FMP with conservation guidelines, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 and VicForests Procedures 2016.	The number of records for Yellow-bellied Glider does not have a prescription in the Gippsland FMA. However as part of VicForests HCV strategy, habitat retention must include the protection of large hollow-bearing trees, which provide habitat for resident gliders, possums and owls. Value to be considered during coupe habitat retention planning.	The coupe will be harvested using a habitat retention plan to cater for all modelled habitat, where all large hollow bearing trees will be retained for suitable habitat. Any Yellow-bellied Glider feed trees found during the marking or harvesting of the coupe will be retained.
Threatened Species Observations within 500m of coupe	Tyto novaehollandiae novaehollandiae: Masked Owl	Present	Present	Masked Owl record identified within 500m of coupe boundary. Species listed in the FFG Act with an action statement, EG FMP with conservation guidelines, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 and VicForests Procedures 2016.	Masked Owl heard within 500m of coupe boundary. Harvesting Foresters to look out for nesting and roosting sites utilised recently and frequently (based on reliable observation or physical evidence such as pellets or wash) located within coupe. If located they must be protected by a SPZ of 3ha and a SMZ of 250-300m radius (or equivalent linear area) around each verified site.	During marking of the coupe no evidence of roosting or nesting sites were found. Harvesting Foresters have asked the LTL to look out for nesting and roosting sites utilised recently and frequently (based on reliable observation or physical evidence such as pellets or wash) located within coupe, especially around drainage line within coupe. If located they must contact the responsible forester and the site will be protected by a SPZ of 3ha and a SMZ of 250-300m radius (or equivalent linear area) around each verified site.
Threatened Species Observations within 500m of coupe	Tyto tenebricosa tenebricosa: Sooty Owl	Present	Present	Sooty Owl record identified within 500m of coupe boundary. Species listed in the FFG Act with an action statement, EG FMP with conservation guidelines, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 and VicForests Procedures 2016	Sooty Owl heard within 500m of coupe boundary. Harvesting Foresters to look out for nesting and roosting sites utilised recently and frequently (based on reliable observation or physical evidence such as pellets or wash) located within coupe. If located they must be protected by a SPZ of 3ha and a SMZ of 250-300m radius (or equivalent linear area) around each verified site.	During marking of the coupe no evidence of roosting or nesting sites were found. Harvesting Foresters have asked the LTL to look out for nesting and roosting sites utilised recently and frequently (based on reliable observation or physical evidence such as pellets or wash) located within coupe, especially around drainage line within coupe. If located they must contact the responsible forester and the site will be protected by a SPZ of 3ha and a SMZ of 250-300m radius (or equivalent linear area) around each verified site.
Threatened Species Observations within 500m of coupe	Petauroides volans: Greater Glider	Present	Present	Greater Glider record identified within 500m of coupe boundary. Species listed in the FFG Act with an action statement.	The number of records for Greater Glider does not meet the threshold required for additional protection measures. No further action required.	No further action required.

Harvest Unit 770-507-0005-A - Bayled up
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 within 500m of coupe	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider record identified within 500m of coupe boundary. Species not listed in the FFG Act. Species is not listed in the Gippsland FMP with conservation guidelines, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 and VicForests Procedures 2016.	No prescription in the Gippsland Forest Management Plan for this species. No further action required.	The coupe will be harvested using a habitat retention plan to cater for all modelled habitat, where all large hollow bearing trees will be retained for suitable habitat. Any Yellow-bellied Glider feed trees found during the marking or harvesting of the coupe will be retained.
Threatened Species Observations within 500m of coupe	Galaxias olidus: Mountain Galaxias	Present	Present	Mountain Galaxias record identified within 500m of coupe. Species not listed in the FFG Act. Species is listed in the Gippsland FMP with conservation guidelines and DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 or VicForests Procedures 2016.	Minimise stream crossings over permanent and temporary streams and drainage lines in catchments containing Mountain Galaxias. Manage in accordance of prescriptions of VFSMP404. Mountain Galaxias has been defined by placing a 100m Special Management Zone either side of the stream for 1 km upstream and 1 km downstream from the record.	Minimal soil disturbance and tree removal on the completion of the road through the VFSMP buffer, water runoff from landing access road is to be directed through silt traps and sediment control devices. No landing or harvesting activities allowed within VFSMP buffer
Threatened Species Observations within 500m of coupe	Poa tenera: Slender Tussock-grass	Present	Present	Slender Tussock-grass (Poa tenera) detected during DELWP pre-harvest survey within 500m of coupe boundary.	Exclude any species detections from direct machinery disturbance during operations. Notify DELWP of sighting. No further action required.	No further action required.
Threatened Species Observations within 500m of coupe	Galaxias olidus complex: Mountain Galaxias complex	Present	Present	Mountain Galaxias record identified 4 individuals 10m from coupe boundary. Species not listed in the FFG Act. Species is listed in the Gippsland FMP with conservation guidelines and DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 or VicForests Procedures 2016.	Minimise stream crossings over permanent and temporary streams and drainage lines in catchments containing Mountain Galaxias. Manage in accordance of prescriptions of VFSMP404 Mountain Galaxias has been defined by placing a 100m Special Management Zone either side of the stream for 1 km upstream and 1 km downstream from the record.	Minimal soil disturbance and tree removal on the completion of the road through the VFSMP buffer, water runoff from landing access road is to be directed through silt traps and sediment control devices. No landing or harvesting activities allowed within VFSMP buffer



Harvest Unit 770-507-0005-A - Bayled up
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
VF Large Trees in Coupe	Trees 250 - 399 cm	Present	Present	Large Tree detected during a DELWP Pre-harvest Survey within coupe.	Protect Large Trees according to VicForests Giant, Tall and Large Tree Protection Instruction. Procedure 5.5.5.2.	Large trees have either been placed within a habitat cluster or excluded from all harvesting activities unless they pose a safety issue, then they can only be removed with the permission of VF only and a entry made in the coupe diary.
VF Large Trees within 500m	Trees 250 - 399 cm	Present	Present	Large Tree within 500m of coupe detected during a DELWP Pre-harvest Survey.	Large tree outside coupe area. No further action required.	No further 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 AV 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.	
Aboriginal Cultural Sensitivity Area within 500m	Watercourse	17.30	0.00	Area of Cultural Sensitivity within 500m of coupe boundary identified in the overlay process.	Consultation with AV 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	No further action required.	
Historic areas within 500m	* None found *	Not Present	Not Present	No action required	No further action required.	
Historic sites in coupe	Historic site	Not Present	Not Present	No action required	No further action required.	
Historic sites within 500m	Historic site	Not Present	Not Present	No action required	No further action required.	
Historic tramway site in coupe	Historic tramway	Not Present	Not Present	No action required	No further action required.	
Historic tramways site within 500m of coupe	Historic tramway	Not Present	Not Present	No action required	No further action required.	
Other historical issues	Other historical issues	[n/a]	Not Present	No action required	No further action required.	



Harvest Unit 770-507-0005-A - Bayled up
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
Foreground issues (0-500m)	* None found *	0.00	0.00	No action required	No further action required.	
Landscape Issues in coupe	* None found *	0.00	0.00	No action required	No further action required.	
Middleground issues (500m-6.5k)	* None found *	0.00	0.00	No action required	No further action required.	
Other landscape issues	Other landscape issues	[n/a]	Not Present	No action required	No further action required.	
Outer issues (6.5k - 12km)	* None found *	0.00	0.00	No action required	No further 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	No further action required.	
Permanent Growth Plot buffer in coupe	Permanent Growth Plot buffer	Not Present	Not Present	No action required	No further 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 770-507-0005-A - Bayled up
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 770-507-0005-A - Bayled up
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 770-507-0005-A - Bayled up
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