



# Forest Operations Coupe Plan

for

Harvest Unit 345-511-0005-B - Harley

Powelltown

345 - Mississippi

## Location of coupe centroid

Easting/Northing: (GDA-94)	391454/5817010 Zone 55
VicGrid	2567578/2412301
Latitude/Longitude:	37° 47' 16" S/145° 46' 2" 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 345-511-0005-B - Harley**  
**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	61.9			
Area of Harvest Unit (operational area)	36.9			
Regional Forest Agreement	CENTRAL HIGHLANDS			
Forest Management Area	Dandenong			
General aspect	Northerly			
Elevation	380 meters			
Slope	Minimum 10°; Average 15°; Maximum 25°			
Proportion of the nett coupe area > 20°	11-40 %			
		<b>Horizon A</b>	<b>Horizon B</b>	<b>Horizon C</b>
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	
Brown Stringybark	B	29 m <sup>3</sup>	
Brown Stringybark	C	103 m <sup>3</sup>	
Brown Stringybark	D	29 m <sup>3</sup>	
Brown Stringybark	E	22 m <sup>3</sup>	
Brown Stringybark	H	552 m <sup>3</sup>	
Messmate	B	441 m <sup>3</sup>	
Messmate	C	1545 m <sup>3</sup>	

Estimated species and volumes

Product	Grade	Volume
Messmate	D	441 m <sup>3</sup>
Messmate	E	331 m <sup>3</sup>
Messmate	H	8275 m <sup>3</sup>
Silvertop	B	51 m <sup>3</sup>
Silvertop	C	177 m <sup>3</sup>
Silvertop	D	51 m <sup>3</sup>
Silvertop	E	38 m <sup>3</sup>
Silvertop	H	946 m <sup>3</sup>

End of Forest Operations Coupe Plan Section 1



**Harvest Unit 345-511-0005-B - Harley**



**Harvest Unit 345-511-0005-B - Harley**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
 Contractor Section - Contractor Direction

Personnel	
VF Officer	
Contractor	
Operational Issues	
Silvicultural Intent	Adaptive Silvicultural Systems
Silviculture system(s)	Seed Tree (includes retained overwood)
Recommended harvesting period	Shoulder of 2020-2021
Description of the coupe boundaries and method used to locate boundary in the field	<p>North section.</p> <p>N bry: along Burns Rd 20 m away. Hip chain was used for measurements.</p> <p>E bry: industry road is a boundary, not marked. Then for a short distance south of the road, 20 m away from stream. Then road again. Then along the gully 20 m away. Hip chain and range finder were used for measurements.</p> <p>S bry: along the edge of younger regen, then around the patch of habitat trees, then along the edge of regen again.</p> <p>W bry: along the TRP. GPS and compass used for navigation.</p> <p>South section.</p> <p>N bry: along the edge of younger regen.</p> <p>E bry: along the gully, 20 m away. Hip chain and range finder used for measurements. In couple of spots boundary veered away from the gully to exclude geebung trees from harvestable area.</p> <p>S bry: along the Smyth Rd 20 m away. Hip chain and range finder used for measurements. Then along the edge of habitat patch.</p> <p>W bry: along TRP or Walking Track 50 m buffer. GPS and compass used for navigation.</p>
Operational constraints	
Social Issues	
Identified social issues	Neighbour notification to be sent prior to harvesting
Coupe Access	
Proposed Access	Smythe Creek Road, Burns Rd
Proposed driveway length to construct	0
Proposed in-coupe road length to construct	500
Proposed in-coupe roading requirements	
Proposed number of stream crossings	0



**Harvest Unit 345-511-0005-B - Harley**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
Contractor Section - Contractor Direction

Proposed number of landings	2
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**Harvest Unit 345-511-0005-B - Harley**  
**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 'No variation to the standard procedure'.		
Environmental & Operational Elements		Variations, amendments or additional instructions
Utilisation Procedures Section		
	<b>Planned silvicultural system and requirements</b>	
	Planned silvicultural system and requirements	STR
	<b>Additional specifications, requirements or instructions</b>	
	Additional specifications, requirements or instructions	
<b>5.</b>	<b>Coupe boundaries</b>	
5.1	Marking a coupe	Coupe boundaries marked with pink tapes
5.2	Construction of boundary trails	Boundary trail to be constructed prior to harvesting
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	
7.2	Large Tree Protection	
7.3	Trees to be felled	
7.4	Stump heights	



**Harvest Unit 345-511-0005-B - Harley**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
 Contractor Section - Contractor Direction

7.6	Coupe utilisation requirements	
<b>9.</b>	<b>Thinning requirements</b>	
9.2	Trees to be retained	
9.3	Thinning method	
9.4	Damage	
<b>10.</b>	<b>Extraction tracks within coupes</b>	
10.1	Location of Extraction Tracks	
10.2	Blading-off	
10.3	Drainage and rehabilitation	
10.4	Snigging on roads	
10.5	Stream crossings	
<b>12.</b>	<b>Landings</b>	
12.1	Location of landings	
12.2	Construction and maintenance of landings	
12.5	Bark disposal	
12.7	Rehabilitation	
<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	



**Harvest Unit 345-511-0005-B - Harley**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
**Contractor Section - Contractor Direction**

13.9	Stream and drainage line crossings	
13.11	Closure and rehabilitation of roads	
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	
<b>23.</b>	<b>Weather restrictions</b>	
23.0	Weather restrictions	
<b>26.</b>	<b>Sorting and using fuel and servicing machinery</b>	
26.1	Fuel location	
26.2	Fuel precautions	
<b>27.</b>	<b>Camp sites, waste disposal and forest hygiene</b>	
27.1	Camp sites	
27.3	Water points	
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 345-511-0005-B - Harley**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
 Contractor Section - Contractor Direction

<b>Habitat Description and Marking</b>	All habitat patches marked out of harvestable area with pink tapes. All sinngle trees to be retained within harvestable area were marked with paint.	
<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 No	
<b>Other requirements</b>		

*\* See variation page for marking procedure.*

*End of Forest Operations Coupe Plan Section 2*



**Harvest Unit 345-511-0005-B - Harley**  
**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)	20 % if > 50% handfall not allowed as main harvest method.	
Percentage of the trees having mature interlocked crowns	5 % 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	TMP to be implemented when falling within two tree lengths of industry access road and Burns Rd	
Access	[None]	



**Harvest Unit 345-511-0005-B - Harley**  
**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]	
<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 345-511-0005-B - Harley**  
**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 1600m	* None found *	Not Present	Not Present	No action required		
Apiary zone within coupe	* None found *	Not Present	Not Present	No action required		
Bicentennial Trail in coupe	Bicentennial Trail in coupe	0.00	0.00	No action required		
Bicentennial Trail within 500m of coupe	Bicentennial Trail with 500m	Not Present	Not Present	No action required		
Fire Fuel Management Zone in coupe	3 - Landscape Management Zone	61.91	61.91	Coupe within Fire Management Zone 3: Landscape Management and within 1.5km of private property.	No restrictions to timber harvesting. The overall fuel hazard rating for this coupe must be less than or equal to high within 12 months of harvesting unless self regenerated. If self regenerated, VicForests Senior Forester Silviculture to liaise with DELWP.	Coupe will be harvested over two seasons (at the start of the season. Each time harvested area will be burnt in 3-5 month after harvesting completion.
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 will be determined during field marking of the coupe in accordance with the VicForests Operating Procedures and Code of Practice for Timber Production.	Slopes >30 deg. in SE and S corners of the coupe were excluded from harvestable area. Gully along east boundary was buffered 20 m. Drainage line in SE corner is not filter, but just wide depression. It'll be harvested, but machine movements will be minimised.
Forest Management Zone within 200m	GMZ : General Management Zone	Present	Present	General Management Zone adjacent to coupe boundary.	No further action required.	
Forest Management Zone within 200m	SPZ : Special Protection Zone	Present	Present	Special Protection Zone (SPZ) 345/03 runs adjacent with western coupe boundary. The SPZ values are: Leadbeaters Possum, Linear reserve, Walk Into History, Cool Temperate Rainforest, LBP Colony.	SPZ 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 Senior Forester prior to harvesting commencement. No harvesting will occur within the SPZ.	Boundary along SPZ and 50 m buffer along walking track was marked using GPS and compass. All waypoints are outside SPZ or buffer.
Forest Management Zone within 500m	CFP : Code of Forest Practice	Present	Present	Modelled Code of Practice for Timber Production exclusion areas adjacent to coupe boundary.	Protection requirements will be determined during field marking of the coupe in accordance with the VicForests Operating Procedures and Code of Practice for Timber Production.	Slopes >30 deg. in SE and S corners of the coupe were excluded from harvestable area. Gully along east boundary was buffered 20 m. Drainage line in SE corner is not filter, but just wide depression. It'll be harvested, but machine movements will be minimised.
Forest Management Zone within 500m	GMZ : General Management Zone	Present	Present	General Management Zone adjacent to coupe boundary.	No further action required.	

**Harvest Unit 345-511-0005-B - Harley**  
**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
Forest Management Zone within 500m	SPZ : Special Protection Zone	Present	Present	Special Protection Zone (SPZ) 345/03 (Leadbeaters Possum, Linear reserve, Walk Into History, Cool Temperate Rainforest, LBP Colony) located adjacent to coupe boundary.	SPZ 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 Senior Forester prior to harvesting commencement. No harvesting will occur within the SPZ.	Boundary along SPZ and 50 m buffer along walking track was marked using GPS and compass. All waypoints are outside SPZ or buffer.
Forest Management Zone within coupe	CFP : Code of Forest Practice	8.98	8.98	Modelled Code of Practice for Timber Production exclusion areas within gross coupe boundary. The proposed gross coupe area contains one permanent stream, one temporary stream and associated drainage lines, and has an < 1ha area of >30 degree slope.	Protection requirements will be determined during field marking of the coupe in accordance with the VicForests Operating Procedures and Code of Practice for Timber Production.	Slopes >30 deg. in SE and S corners of the coupe were excluded from harvestable area. Gully along east boundary was buffered 20 m. Drainage line in SE corner is not filter, but just wide depression. It'll be harvested, but machine movements will be minimised.
Forest Management Zone within coupe	GMZ : General Management Zone	52.93	52.93	General Management Zone within gross coupe boundary.	Operations will be in accordance with the Code of Practice for Timber Production.	Slopes >30 deg. in SE and S corners of the coupe were excluded from harvestable area. Gully along east boundary was buffered 20 m. Drainage line in SE corner is not filter, but just wide depression. It'll be harvested, but machine movements will be minimised.
Non-State Forest in coupe	* None found *	0.00	0.00	No action required		
Other situation issues	Other situation issues	[n/a]	Present	1. Gross coupe area greater then 40ha for STR harvesting.	1. 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 nett area is less than 40 ha.
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	Present	Present	Coupe within 500 metres of Private Property. Due to the sensitivity of this coupe, letters will be sent to landholders within 1.5km from coupe boundary.	Letter of notification of planned harvesting and haulage activities sent to landholders on 27/08/2020. Another was sent 02/09/2020 to rectify incorrect contact details.	Letters of notification were sent by Ops planning team.
Private land within coupe	Private property	Not Present	Not Present	No action required		

**Harvest Unit 345-511-0005-B - Harley**  
**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
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	Present	Present	Walk Into History Walking Track is within the south western coupe boundary.	Maintain a 50m SPZ either side of the track in accordance with the Planning Standards for Timber Harvesting. A traffic management plan will be completed in order to manage public safety during proposed timber harvesting operations.	Walking track was buffered 50 m and marked out of the harvestable area using GPS and compass.
Walking track within 500m of coupe	Walking track	Present	Present	Walk Into History Walking Track is within 500m of coupe boundary	Maintain a 50m SPZ either side of the track in accordance with the Planning Standards for Timber Harvesting. A traffic management plan will be completed in order to manage public safety during proposed timber harvesting operations.	Walking track was buffered 50 m and marked out of the harvestable area using GPS and compass.
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	9.09	9.09	Coupe overlay indicates 9.09ha of Ash within the gross coupe boundary.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.	Only small part of the coupe harvestable area in SW corner is MA predominant stand.
Allocation Order Stratum	Mixed Species	52.81	52.81	Coupe overlay indicates 52.81ha of Mixed Species within the gross coupe boundary.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.	Most of the coupe harvestable area is MS stand. Seed trees will be marked prior to harvesting.
Allocation Order Stratum	Unallocated	0.00	0.00	Coupe overlay indicates 0.00059ha of Unallocated SPZ 345/05 within the gross coupe boundary.	SPZ 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 Senior Forester prior to harvesting commencement. No harvesting will occur within the SPZ.	Boundary along SPZ and 50 m buffer along walking track was marked using GPS and compass. All waypoints are outside SPZ or buffer.

**Harvest Unit 345-511-0005-B - Harley**  
**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	47.64	47.64	47.64 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.	Slopes >30 deg. in SE and S corners of the coupe were excluded from harvestable area. Gully along east boundary was buffered 20 m. Drainage line in SE corner is not filter, but just wide depression. It'll be harvested, but machine movements will be minimised.
Slope Class within coupe	20-25 Degrees	9.47	9.47	9.47 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.	Slopes >30 deg. in SE and S corners of the coupe were excluded from harvestable area. Gully along east boundary was buffered 20 m. Drainage line in SE corner is not filter, but just wide depression. It'll be harvested, but machine movements will be minimised.
Slope Class within coupe	25-30	4.79	4.79	4.79 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.	Slopes >30 deg. in SE and S corners of the coupe were excluded from harvestable area. Gully along east boundary was buffered 20 m. Drainage line in SE corner is not filter, but just wide depression. It'll be harvested, but machine movements will be minimised.
Water quality risk within coupe	Low or Moderate Water Quality Risk	[n/a]	Present	A Low to Moderate 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.	Slopes >30 deg. in SE and S corners of the coupe were excluded from harvestable area. Gully along east boundary was buffered 20 m. Drainage line in SE corner is not filter, but just wide depression. It'll be harvested, but machine movements will be minimised.
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		

**Harvest Unit 345-511-0005-B - Harley**  
**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
Greater Glider Habitat Within 100m (Modelled Class1)	Modelled Greater Glider Habitat within 100m	Not Present	Not Present	No action required		
Leadbeater's Possum habitat in coupe (Modelled/Zone1A)	Modelled Leadbeater's Possum habitat	Present	Present	Modelled LBP habitat detected in overlay process.	LBP habitat to be confirmed in the field. If present, potential habitat will be excluded from harvesting in accordance with VicForests Operating Procedures Regulatory Handbook.	There is no LBP habitat detected during marking. Couple of mature MA trees were found in SW corner. They were marked out of harvestable area.
Leadbeater's Possum habitat within 500m (Modelled/Zone1A)	Modelled Leadbeater's Possum habitat	Present	Present	Modelled LBP habitat detected in overlay process.	LBP habitat to be confirmed in the field. If present, potential habitat will be excluded from harvesting in accordance with VicForests Operating Procedures Regulatory Handbook.	There is no LBP habitat detected during marking. Couple of mature MA trees were found in SW corner. They were marked out of harvestable area.
Old Growth Forest in coupe	* None found	0.00	0.00	No action required		
Old Growth Forest within 500m	* None found	Not Present	Not Present	No action required		
Other biodiversity issues	Other biodiversity issues	[n/a]	Present	Coupe overlay process has detected low to medium potential Tree Geebung habitat within the coupe boundary.	If found within coupe, protect mature Tree Geebung from disturbance where possible. Where possible include individual trees and populations into areas that will be excluded from harvesting and thus protected from disturbance (both mechanical, fire and weather). This can be through including trees in extended code exclusion areas (e.g. stream buffers) or grouping areas into clusters that protect multiple values (e.g. retained understorey and habitat). Document where it has been possible to protect from disturbance and where it is not possible. Contractor is to be made aware of species and to make efforts to avoid disturbing individual trees that have not been placed in exclusion areas.	Few Geebung trees were identified during marking. They were marked out of harvestable area.
Other threatened flora	Not present					
Rainforest in coupe	None found	0.00	0.00	No action required		
Rainforest site in coupe	* None found *	0.00	0.00	No action required		
Rainforest site within 500m	Rainforest site of significance	Not Present	Not Present	No action required		



**Harvest Unit 345-511-0005-B - Harley**  
**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
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	* None found *	0.00	0.00	No action required		
Threatened EVC within 500m	* None found *	0.00	0.00	No action required		
Threatened fauna site in coupe	Not present					
Threatened fauna site within 500m of coupe	Tyto tenebricosa: Sooty Owl	Present	Present	Sooty Owl species record within 500m of coupe boundary	Individual records of this species do not require any management actions. Foresters to be vigilant for potential roosting or nesting sites. If identified operations must cease immediately within a 300m radius of the identified site and the Manager Forest Policy and Compliance notified. Where identified, harvesting must not commence or recommence within the vicinity until advice has been provided by either Manager Biodiversity Conservation and Research or Manager Forest Policy and Compliance.	No nesting site was detected during marking. If identified, harvesting will be stopped in the vicinity of the site and advice will be sought from Biodiversity Manager.
Threatened fauna site within 500m of coupe	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider species observation record within 500m of coupe boundary.	Apply VicForests Glider Conservation Strategy prescriptions. Prioritise the largest, live, hollow-bearing trees for habitat retention. Refer to Environmental Alert sent by Bill Paul 07/08/2020.	Majority of hollow bearing trees will be retained either as seed trees or in habitat patches and islands.

**Harvest Unit 345-511-0005-B - Harley**  
**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 flora site within 500m of coupe	Personia arborea: Tree Geebung	Present	Present	Multiple Tree Geebung species observation records within 500m of coupe boundary.	Protect mature individual trees and populations where possible by incorporating them into areas that will be excluded from harvesting and thus protected from disturbance (both mechanical and fire). This can be through including trees in extended code exclusion areas (e.g. stream buffers) or grouping areas into clusters that protect multiple values (e.g. retained habitat). Contractor is to be made aware of species and to make efforts to avoid disturbing individual trees that have not been placed in exclusion areas.	Few Geebung trees were identified during marking. They were marked out of harvestable area.
Threatened Species Observations in coupe	Personia arborea: Tree Geebung	Present	Present	Tree Geebung species observation record within coupe boundary.	Protect mature individual trees and populations where possible by incorporating them into areas that will be excluded from harvesting and thus protected from disturbance (both mechanical and fire). This can be through including trees in extended code exclusion areas (e.g. stream buffers) or grouping areas into clusters that protect multiple values (e.g. retained habitat). Contractor is to be made aware of species and to make efforts to avoid disturbing individual trees that have not been placed in exclusion areas.	Clusters of identified Tree Geebungs were retained either in habitat islands or in habitat peninsulas. Seed/habitat trees will be marked next to solitary standing Geebungs and both will be protected by clearing around them.
Threatened Species Observations within 500m of coupe	Tyto tenebricosa tenebricosa: Sooty Owl	Present	Present	Sooty Owl species observation record within 500m of coupe boundary.	Individual records of this species do not require any management actions. Apply VicForests HCV management system. Foresters to be vigilant for potential roosting or nesting sites. If identified operations must cease immediately within a 300m radius of the identified site and the Manager Forest Policy and Compliance notified. Where identified, harvesting must not commence or re-commence within the vicinity until advice has been provided by either Manager Biodiversity Conservation and Research or Manager Forest Policy and Compliance.	No nesting site was detected during marking. If identified, harvesting will be stopped in the vicinity of the site and advice will be sought from Biodiversity Manager.

**Harvest Unit 345-511-0005-B - Harley**  
**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 species observation record within 500m of coupe boundary.	Apply VicForests Glider Conservation Strategy prescriptions. Prioritise the largest, live, hollow-bearing trees for habitat retention. Refer to Environmental Alert sent by Bill Paul 07/08/2020.	All hollow bearing trees will be retained either as seed trees or in habitat patches and islands.
Threatened Species Observations within 500m of coupe	Personia arborea: Tree Geebung	Present	Present	Tree Geebung species observation record within 500m of coupe boundary.	Protect mature individual trees and populations where possible by incorporating them into areas that will be excluded from harvesting and thus protected from disturbance (both mechanical and fire). This can be through including trees in extended code exclusion areas (e.g. stream buffers) or grouping areas into clusters that protect multiple values (e.g. retained habitat). Contractor is to be made aware of species and to make efforts to avoid disturbing individual trees that have not been placed in exclusion areas.	Few Geebung trees were identified during marking. They were marked out of harvestable area.
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	Watercourse	56.83	0.00	Area of Cultural Sensitivity within coupe 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.	
Aboriginal Cultural Sensitivity Area within 500m	Watercourse	231.15	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 required.	
Historic areas in coupe	* None found *	Not Present	Not Present	No action required		

**Harvest Unit 345-511-0005-B - Harley**  
**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 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		
Historic tramway site in coupe	Historic tramway	Present	Present	Tramway detected during overlay within coupe boundary. Evidence of Historic Tramway was not detected in the field.	Location of site to be confirmed in the field. If historic fabric is present, apply a 5m filter strip each side of the Tramway measured from the edge of the linear features earthworks. The number of crossings must be minimised and shown on the coupe plan map, crossings may only be at approved sites that minimises disturbance and artefacts within the Tramway must be left in situ.	No tramway was identified during marking.
Historic tramways site within 500m of coupe	Historic tramway	Present	Present	Multiple Tramways were detected in the overlay analysis process, within and running adjacent to the coupe boundary. The tramway footprint generally aligns with Smythe Creek and Burns Road. Burns Creek Rd is located within SPZ 345/03.	Location of site to be confirmed in the field. If historic fabric is present, apply a 5m filter strip each side of the Tramway measured from the edge of the linear features earthworks. The number of crossings must be minimised and shown on the coupe plan map, crossings may only be at approved sites that minimises disturbance and artefacts within the Tramway must be left in situ.	No tramway was identified during marking.
Other historical issues	[n/a]	[n/a]				
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		

**Harvest Unit 345-511-0005-B - Harley**  
**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
Middleground issues (500m-6.5k)	WARBURTON_WOODS_POINT_ROAD Middleground	25.59	25.59	25.59 ha of the coupe is within 500m-6.5km of Warburton Woods Point Road. The planned September 2020 harvest area of this coupe is only partially visible (0.5ha) from this location due to topography and screening vegetation. The harvest unit will have a backdrop of remaining vegetation.	Manage timber harvesting operations to ensure landscape alterations are only subtly apparent within 5 years of the operation and shape, position and time timber harvesting operations and new roads to minimise their visual impact	Most of the coupe's western boundary runs along the top of the ridge. Unharvested timber edge along the ridge will be visible from public roads.
Other landscape issues	[n/a]	[n/a]				
Outer issues (6.5k - 12km)	ACHERON_WAY Outer	50.46	50.46	50.46 ha of the coupe is within 6.5km-12km of Acheron Way. The planned September 2020 harvest area of this coupe is visible from this location due to topography and limited screening vegetation.	Design timber harvesting operations so that clearfall and skyline notches are not apparent from Acheron Way	Most of the coupe's western boundary runs along the top of the ridge. Unharvested timber edge along the ridge will be visible from public roads.
Outer issues (6.5k - 12km)	EAST_WARBURTON_v Outer	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
Leadbeater's Possum research sites in coupe	Leadbeater's Possum monitoring site	Not Present	Not Present	No action required		
Leadbeater's Possum research sites within 500m	Leadbeater's Possum monitoring site	Not Present	Not Present	No action required		
Other research issues	[n/a]	[n/a]				
Permanent Growth Plot buffer in coupe	Permanent Growth Plot buffer	Not Present	Not Present	No action required		



**Harvest Unit 345-511-0005-B - Harley**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
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 pests identified during marking.
Weeds	None identified	[n/a]	None identified			No weeds identified during marking.
<i>End of Forest Operations Coupe Plan Section 4</i>						



**Harvest Unit 345-511-0005-B - Harley**  
**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		
<p align="center">Contractor / HTL _____ Signed _____ Date _____</p> <p align="center">Sanctioned By VicForests Officer _____ Signed _____ Date _____</p>		

<b>The names and FOLS numbers of the crew working on this Harvest Unit are:</b>		
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 345-511-0005-B - Harley**  
**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 345-511-0005-B - Harley**  
**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*