



# Forest Operations Coupe Plan

for

Harvest Unit 490-501-0012-A - 32 Thinning

Erica

490 - Boola

## Location of coupe centroid

Easting/Northing: (GDA-94)	447856/5792091 Zone 55
VicGrid	2623455/2386184
Latitude/Longitude:	38° 1' 3" S/146° 24' 21" 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 490-501-0012-A - 32 Thinning**  
**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	100.4			
Area of Harvest Unit (operational area)	59.1			
Regional Forest Agreement	CENTRAL HIGHLANDS			
Forest Management Area	Central Gippsland			
General aspect	Westerly			
Elevation	340 meters			
Slope	Minimum 0°; Average 10°; Maximum 20°			
Proportion of the nett coupe area > 20°	0-10 %			
		<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	D	11 m <sup>3</sup>	
Brown Stringybark	H	313 m <sup>3</sup>	
Silvertop	D	45 m <sup>3</sup>	
Silvertop	H	2389 m <sup>3</sup>	
Yertchuk	R	145 m <sup>3</sup>	

*End of Forest Operations Coupe Plan Section 1*



**Harvest Unit 490-501-0012-A - 32 Thinning**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
 Contractor Section - Contractor Direction

Personnel	
VF Officer	
Contractor	
Operational Issues	
Silvicultural Intent	Multi-aged stand management
Silviculture system(s)	Thinning from below
Recommended harvesting period	Winter of 2020-2021
Description of the coupe boundaries and method used to locate boundary in the field	The Northern boundary has been marked with pink flagging tape to the extent of 1950 to 1959 regrowth and extends into a 20m hydrology buffer. The Eastern boundary is marked to TRP boundary and the extent of 1950-1959 regrowth Southern and Western boundaries are not marked, but clearly delineated by W32 Trk and two filter strips marked in Orange flagging tape. A small section in the North Western boundary has been marked to exclude private property and a minimum 20m buffer applied to reduce visual impact. These boundaries have been marked using Flagging tape, GPS, hip chains, range finders and clinometers.
Operational constraints	
Social Issues	
Identified social issues	
Coupe Access	
Proposed Access	Proposed haulage route will be East along W32 then south along Walhalla - Tyers Road.
Proposed driveway length to construct	100
Proposed in-coupe road length to construct	100
Proposed in-coupe roading requirements	A short in coupe road to a ridge top landing. A roadside landing may be constructed in the eastern section of the coupe along W32 trk to support shorter haulage to the Tyers-Walhalla road.
Proposed number of stream crossings	0
Proposed number of landings	2



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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		
	<b>Planned silvicultural system and requirements</b>	
	Planned silvicultural system and requirements	Thinning from below, removal of smaller merchantable trees in the stand, retention of the dominant and most co-dominant trees to a 50% reduction in stand Basal Area. Pre harvest BA was recorded at 45, a BA of 21 will be targeted for this operation.
	<b>Additional specifications, requirements or instructions</b>	
	Additional specifications, requirements or instructions	Information regarding the identification of Biodiversity values such as Greater Glider has been provided to the contractor.  Contractor is to observe VicForests Koala Management Instruction.
<b>5.</b>	<b>Coupe boundaries</b>	
5.1	Marking a coupe	Coupe has been marked using GPS, Hip Chain, Range Finder compass and clinometer. All external coupe boundaries have been marked using Pink flagging tape, internal features such as exclusion areas are clearly delineated on a georeferenced map loaded onto a tablet within the harvesting machine. 4 internal filters of 10m have been marked in orange flagging tape.
5.2	Construction of boundary trails	Boundary trail are not required for a Thinning from Below operation.
5.3	Location of Boundary Trails	
5.4	Converting boundary trail to fire trail	Not applicable for a Thinning operation
<b>6.</b>	<b>Excluded areas</b>	



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 Contractor Section - Contractor Direction

6.1	Activities in excluded areas	Thinning treatment area is restricted to areas of uniform 1950 - 1959 mixed species regrowth. Areas identified with higher habitat value such as HBT 1 trees are retained and excluded from harvesting
<b>7.</b>	<b>Harvest requirements</b>	
7.1	Retained Trees	All HBT1 trees will be retained during operations with HBT 2 trees prioritised for recruitment in close proximity.
7.2	Large Tree Protection	
7.3	Trees to be felled	
7.4	Stump heights	
7.6	Coupe utilisation requirements	
<b>9.</b>	<b>Thinning requirements</b>	
9.2	Trees to be retained	Thinning from below, removal of smaller merchantable trees in the stand, retention of the dominant and most co-dominant trees to a 50% reduction in stand Basal Area. Commercial thinning, using the outrows and bay method. Harvesting operations must comply with section 9.3 VicForests Utilisation Procedures Version 8.0 As a result of thinning operations, no more than 15% permitted damage to the retained trees.
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	Landing construction to be Cord and Matt as per Schedule 13 of VicForests Utilisation Procedures. All bark is to be re-distributed throughout the coupe. Piles must not exceed 1.0m <sup>3</sup>
12.2	Construction and maintenance of landings	
12.5	Bark disposal	



**Harvest Unit 490-501-0012-A - 32 Thinning**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
 Contractor Section - Contractor Direction

12.7	Rehabilitation	In accordance with SCHEDULE 5 VicForests Utilisation Procedures Version8.0
<b>13.</b>	<b>Road and construction maintenance</b>	
13.2	Location, design and period of construction	Small in coupe road to be constructed adjacent to W32 trk utilising geofabric and rock.
13.4	Grade	
13.5	Clearing	
13.6	Earthworks	
13.7	Drainage	
13.8	Maintenance	
13.9	Stream and drainage line crossings	
13.11	Closure and rehabilitation of roads	
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	Due to minimal line of site STOP/GO must be in place before any trucks exit W32 trk onto the Tyers-Walhalla road.
<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	



**Harvest Unit 490-501-0012-A - 32 Thinning**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
 Contractor Section - Contractor Direction

<b>27.</b>	<b>Camp sites, waste disposal and forest hygiene</b>	
27.1	Camp sites	Blackberries found present on the coupe during reconnaissance, Washdown procedures consistent with VicForests Utilisation Procedures are to be undertaken before leaving the site
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	
<b>Habitat Description and Marking</b>	<p>HCV's</p> <ul style="list-style-type: none"> <li>-Coupe is within the Central Gippsland FMA.</li> <li>-Coupe is within Tyers River catchment - supplying domestic, industrial and agricultural customers in the Latrobe Valley.</li> <li>- Small amounts of modelled Greater Glider habitat exist in the south east corner of the TRP boundary, and is associated with a FPS Southern Greater Glider detection.</li> <li>-One Southern Greater Glider and Multiple Yellow-bellied Glider observations recorded during FPS are identified along the southern boundary within the TRP shape. The majority of locations are excluded from harvest within permanent retention for habitat in areas of mature foothill mixed species. A small number of observations exist less than 50m from permanent habitat retention areas, and were observed to be feeder trees, not hollow bearing at the time of marking.</li> <li>-1 Koala observation is recorded within the southern area of the TRP boundary and protected in permanent habitat retention.</li> <li>-The coupe joins private property to the west and north west and is visible from properties to the west.</li> <li>-The coupes is within 500m of the Tyers -Walhalla Road which is a recognised tourist drive.</li> </ul> <p>Protect. The Thinning treatment area is restricted to uniform 1950 - 1959 mixed species regrowth. Areas identified with higher habitat value, containing HBT1 trees of 1900's Mountain Grey Gum E. Cypellocarpa and 1850's Messmate E. Obliqua are retained and excluded from harvesting. One Southern Greater Glider and multiple Yellow-bellied Glider observations recorded during FPS are identified along the Southern boundary within the TRP shape. The majority of detections are excluded from harvest within permanent retention for habitat. A small number of observations exist</p>

within the THB area less than 50m from permanent habitat retention. These locations were observed to be feeder trees, and not hollow bearing at the time of marking. 1 Koala observation is recorded within the southern area of the TRP boundary and protected in permanent habitat retention. TRP thinning coupes are not subject to a HBT intensive survey due to younger age class. Areas of more mature Mixed Species Forest have been excluded from the harvest area. THB harvesting will maintain greater than 50% of the canopy and will protect the landscape values that may be visible from the adjacent private property. The harvesting will be greater than 250m from the Tyers-Walhalla Road and will not impact on the visual experience of road users.

Recruit. Habitat recruitment is supported by THB, thinning from below creates improved biodiversity by enhancing conditions for understorey growth and improved wildlife habitat such as faster hollow development.

TRP thinning coupes are not subject to a HBT intensive survey due to younger age class, therefore locations of HBT1, 2 & 3 trees are not identified on the map. Areas of more mature Mixed Species Forest have been excluded from the harvest area. Any HBT1 tree identified by the harvest contractor within the treatment area is to be retained.

Connect. Connectivity is supported through a THB silviculture treatment, due to high level of retention throughout the planned harvestable area. The targeted Stand Basal Area reduction is 50%. Connectivity is further supported by the retention of a large hydrology buffer that dissects the treatment area from north to south.

Regenerate. THB section will remain stocked at 50% pre harvest Stand Basal Area, and require no further regeneration treatment.

Habitat trees will be retained...	Scenario
. Outside the harvesting tapes, but within the 'gross coupe boundary'	Yes
. As individual trees along the edge, outside the harvested area	Yes
. As individual trees, scattered throughout the coupes	Yes
. In patch(es)/clump(s) within the harvested area	Yes
. To serve as seed trees also	Yes
. Other requirements	Yes
<b>Other requirements</b>	
<p>1 Southern Greater Glider observation in the South Eastern corner of the harvestable TRP area. Greater Glider observation is less than 20m from the 41 ha of permanent habitat retention. The location of this observation was identified at the time of coupe marking to be within a stand of feeder trees, and not hollow bearing. Coupe will be harvested as a THB operation where dominant and most co dominant trees are retained which will continue to support GG feeder trees and HBT development.</p> <p>14 Yellow-bellied Glider observations in the South and South Eastern section of the approved TRP. 12 of these observations have been excluded within a permanent habitat retention area of 41 ha. 2 within the treatment area are less than 50m from permanent habitat retention.</p> <p>1 Koala has been observed in the Southern section of the approved TRP. This area has been excluded from treatment and the VicForest Koala Management Instruction will be applied to all areas being harvested.</p>	

\* See variation page for marking procedure.





**Harvest Unit 490-501-0012-A - 32 Thinning**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
Contractor Section - Contractor Direction

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*End of Forest Operations Coupe Plan Section 2*



**Harvest Unit 490-501-0012-A - 32 Thinning**  
**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	Dry spars and stags are present throughout the coupe.	
Other aerial hazards	High number of Hazardous trees have been identified by the HBT Survey team, having dead crowns or dead limbs present. These known tree locations are identified on the Operations Map. Increased risk of aerial hazards due to a Thinning from Below operation, broken out heads and trees that have been damaged will be removed if safe to do so. If aerial hazards exist in relation to Habitat trees a VicForests representative will be notified and the hazard will be managed accordingly.	
Percentage of trees containing a high proportion of dead limbs (i.e. mature-age, psyllid, drought or fire affected)	5 % if > 50% handfall not allowed as main harvest method.	
Percentage of the trees having mature interlocked crowns	1 % 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]	



**Harvest Unit 490-501-0012-A - 32 Thinning**  
**FOREST OPERATIONS COUPE PLAN - SECTION 3**  
 Contractor Section - Coupe Occupational Health and Safety

Width	[None]	
Traffic & Falling Ops	[None]	
Access	Low visibility when exiting W32 trk onto the Walhalla-Tyers road. Haulage operation are only permitted when STOP/GO traffic control is in place on the Tyers-Walhalla road.	
Are there hazardous trees adjacent trees to the roads that should be removed?	If hazardous trees are identified adjacent to road a VF represented will be notified and the hazard will be managed accordingly.	
<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?	Neighbours have been notified of these operations. Landholder of the adjacent property has confirmed in person, that he has no issues with our operations starting adjacent to his boundary.	
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>





**Harvest Unit 490-501-0012-A - 32 Thinning**  
**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	Apiary Zone 1	Not Present	Not Present			
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	0 - Non FPA Land	0.87	0.87	Area not on the Fire Protection Plan associated with private property.	Private Property will be excluded from harvesting.	Private property has been excluded and a 20m buffer applied to the boundary adjacent to private property
Fire Fuel Management Zone in coupe	3 - Landscape Management Zone	99.52	99.52	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 Regeneration coordinator to liaise with DELWP.	The overall fuel hazard for this coupe will be less than or equal to high within 12 months of harvesting.
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, Code of Practice for Timber Production and Tyers River Catchment restrictions of minimum 20m buffers and 10m filters and no harvesting slopes >30 degrees.	A 20m buffer has been applied to an internal Hydrology line, 4 dry depressions have had a 10m filter applied.
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.
Forest Management Zone within 200m	SMZ : Special Management Zone	Present	Present	Special Management Zone (SMZ) 213 (Landscape (Boola Road)) located within 500m of coupe boundary.	SMZ is not within or adjacent to coupe boundary and will not be affected by harvesting. No further action.	No further action.
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, Code of Practice for Timber Production and Tyers River Catchment restrictions of minimum 20m buffers and 10m filters and no harvesting slopes >30 degrees.	A 20m buffer has been applied to an internal Hydrology line, 4 dry depressions have had a 10m filter applied.
Forest Management Zone within 500m	GMZ : General Management Zone	Present	Present	General Management Zone adjacent to coupe boundary.	No further action required.	No further action.

**Harvest Unit 490-501-0012-A - 32 Thinning**  
**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	SMZ : Special Management Zone	Present	Present	Special Management Zone (SMZ) 213 (Landscape (Boola Road)) located within 500m of coupe boundary.	SMZ is not within or adjacent to coupe boundary and will not be affected by harvesting. No further action.	No further action.
Forest Management Zone within coupe	CFP : Code of Forest Practice	11.60	11.60	Modelled Code of Practice for Timber Production exclusion areas within gross coupe boundary.	Protection requirements will be determined during field marking of the coupe in accordance with the VicForests Operating Procedures, Code of Practice for Timber Production and Tyers River Catchment restrictions of minimum 20m buffers and 10m filters and no harvesting slopes >30 degrees.	A 20m buffer has been applied to an internal Hydrology line, 4 dry depressions have had a 10m filter applied.
Forest Management Zone within coupe	GMZ : General Management Zone	88.18	88.18	General Management Zone within gross coupe boundary.	Operations will be in accordance with the Code of Practice for Timber Production.	Harvesting operations will be in accordance with all relevant standards.
Forest Management Zone within coupe	OPL : Other Public Land	0.00	0.60	Government road easement within coupe boundary adjacent to private property.	Area has been excluded from harvesting. No further action.	No further action.
Non-State Forest in coupe	* None found *	0.00	0.00	No action required		
Other situation issues	Other situation issues	[n/a]	Not Present			
Permanent fire break in coupe	* None found *	0.00	0.00	No action required		
Permanent fire break within 500m of coupe	Proposed	919.69	0.00	Proposed Permanent Strategic Fire Break situated within 500m of coupe boundary along Tyers-Walhalla Road.	Fire Break is not within or adjacent to coupe boundary and will not be affected by harvesting. No further action.	No further action
Private land within 500m	Private property	Present	Present	Private property adjacent to coupe boundary.	Letter of notification of planned harvesting and haulage activities sent to landholder on 22/7/2020.	No further action
Private land within coupe	Private property	Present	Present	Private property adjacent to coupe boundary.	Harvesting Forester has met with the landholder and discussed planned operations. Landholder did not have an issue with Timber harvesting operations adjacent to their boundary.	No further action.
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		



**Harvest Unit 490-501-0012-A - 32 Thinning**  
**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
VF Reserve within 500m	* None found *	0.00	0.00	No action required		
VF SMA in coupe	* None found *	0.00	0.00	No action required		
VF SMA within 500m	* None found *	0.00	0.00	No action required		
Walking track in coupe	Walking track	Not Present	Not Present	No action required		
Walking track within 500m of coupe	Walking track	Not Present	Not Present	No action required		
2. Stand	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Allocation Order Stratum	Ash	0.05	0.05	Coupe overlay indicates 0.05ha of Ash Species within the gross coupe boundary.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.	Harvesting operations will be in accordance with all relevant standards, 59ha of mixed species will be harvested under a Thinning from Below silvicultural system.
Allocation Order Stratum	Mixed Species	99.74	99.74	Coupe overlay indicates 99.74ha of Mixed Species within the gross coupe boundary.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.	Harvesting operations will be in accordance with all relevant standards, 59ha of mixed species will be harvested under a Thinning from Below silvicultural system.
Allocation Order Stratum	Unallocated	0.61	0.61	Unallocated areas within coupe boundary. See context map for details.	Unallocated areas to be excluded from harvesting.	Unallocated areas within the TRP boundary have been excluded from harvesting operations.

**Harvest Unit 490-501-0012-A - 32 Thinning**  
**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	TYERS RIVER	100.39	0.00	Coupe located within Tyers River water supply catchment	Tyers River catchment restrictions: No harvesting slopes >30 degrees. Apply minimum buffer widths of 20m and filter widths of 10m. Seasonal closure access restrictions apply above 650m ASL where no harvesting and associated activities allowed between 1 June - 31 October. Coupe below 650m ASL. No seasonal closure restriction to harvesting and associated activities.	A 20m buffer has been applied to an internal Hydrology line, 4 dry depressions have had a 10m filter applied.
Designated Water Supply Catchment within 500m	TYERS RIVER	280.97	0.00	Coupe located within Tyers River water supply catchment	Tyers River catchment restrictions: No harvesting slopes >30 degrees. Apply minimum buffer widths of 20m and filter widths of 10m. Seasonal closure access restrictions apply above 650m ASL where no harvesting and associated activities allowed between 1 June - 31 October. Coupe below 650m ASL. No seasonal closure restriction to harvesting and associated activities.	A 20m buffer has been applied to an internal Hydrology line, 4 dry depressions have had a 10m filter applied.
Other water issues	Other water issues	[n/a]	Not Present			
Slope Class within coupe	0-20 Degrees	95.34	0.00	95.34 ha of slope between 0-20 degrees within coupe.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures, Utilisation Procedures and Tyers Catchment restrictions of minimum 20m buffers and 10m filters and no harvesting slopes >30 degrees..	Harvesting operations will be in accordance with all relevant standards. A 20m buffer has been applied to an internal Hydrology line, 4 dry depressions have had a 10m filter applied.
Slope Class within coupe	20-25 Degrees	5.05	0.00	5.05 ha of slope between 20-25 degrees within coupe.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures, Utilisation Procedures and Tyers Catchment restrictions of minimum 20m buffers and 10m filters and no harvesting slopes >30 degrees.	Harvesting operations will be in accordance with all relevant standards. A 20m buffer has been applied to an internal Hydrology line, 4 dry depressions have had a 10m filter applied.
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, Utilisation Procedures and Tyers Catchment restrictions of minimum 20m buffers and 10m filters and no harvesting slopes >30 degrees.	Harvesting operations will be in accordance with all relevant standards. A 20m buffer has been applied to an internal Hydrology line, 4 dry depressions have had a 10m filter applied.





**Harvest Unit 490-501-0012-A - 32 Thinning**  
**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
Barred Galaxias streams in coupe or within 500m	Barred Galaxias catchment in coupe or within 500m	Not Present	Not Present	No action required		
Greater Glider Habitat Within 100m (Modelled Class1)	Modelled Greater Glider Habitat within 100m	Present	Present	Coupe overlay has identified Modelled Greater Glider High Quality Habitat within the coupe boundary.	Apply VicForests Greater Glider Conservation Strategy prescriptions. Consideration should be given to the protection of live, large, hollow-bearing trees through all forest management activities including regeneration burning.	Greater Glider habitat is protected as per VicForests High Conservation Values (HCV) Summary & Retention Plan and complies with Greater Glider Conservation Strategy prescriptions.
Leadbeater's Possum habitat in coupe (Modelled/Zone1A)	Modelled Leadbeater's Possum habitat	Not Present	Not Present	No action required		
Leadbeater's Possum habitat within 500m (Modelled/Zone1A)	Modelled Leadbeater's Possum habitat	Not Present	Not Present	No action required		
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]	Not Present			
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		
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	Frog catchment	Not Present	Not Present			
Spotted Tree Frog within 500m	Frog catchment	Not Present	Not Present			

**Harvest Unit 490-501-0012-A - 32 Thinning**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
4. Biodiversity	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Threatened EVC 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	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider species observation record within coupe boundary.	No detection based requirements for the special management of the species within the area covered by the Central Highlands Forest Management Plan. Apply VicForests HCV management system.	HBT 1 trees will not be affected by Thinning from below operations, the majority of detections are excluded from harvest within permanent retention for habitat. A small number of observations exist within the THB area <50m from permanent habitat retention
Threatened fauna site within 500m of coupe	Not present					
Threatened flora site within 500m of coupe	Not present					
Threatened Species Observations in coupe	Petauroides volans: Greater Glider	Present	Present	Greater Glider species observation record within coupe boundary	Apply VicForests Greater Glider Conservation Strategy prescriptions. Additional feed and recruitment trees should be retained around hollow-bearing trees in the sighting area giving consideration to the connectivity to other retained habitat.	Areas of high-quality habitat are excluded for habitat retention; these areas have high amounts of hollow bearing trees along with suitable feed trees. Thinning from Below silviculture system will support the retentions of feed trees and recruitment trees.
Threatened Species Observations in coupe	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider species observation record within coupe boundary.	No detection based requirements for the special management of the species within the area covered by the Central Highlands Forest Management Plan. Apply VicForests HCV management system.	HBT 1 trees will not be affected by Thinning from below operations, the majority of detections are excluded from harvest within permanent retention for habitat. A small number of observations exist within the THB area <50m from permanent habitat retention
Threatened Species Observations in coupe	Phascolarctos cinereus: Koala	Present	Present	Koala species observation record within coupe boundary.	If a Koala is detected no operations are to take place within 1 tree length of the detection until the animal has moved away.	The area where the Koala has been detected has been excluded from treatment and the VicForest Koala Management Instruction will be applied to all areas being harvested
Threatened Species Observations within 500m of coupe	Not present					
VF Large Trees in Coupe	Not present					
VF Large Trees within 500m	Not present					

**Harvest Unit 490-501-0012-A - 32 Thinning**  
**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
Aboriginal Cultural Sensitivity Area in coupe	Watercourse	12.07	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 required.	No further action required.
Aboriginal Cultural Sensitivity Area within 500m	Watercourse	71.07	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.	No further action required.
Historic areas in coupe	Historic site	Not Present	Not Present			
Historic areas within 500m	Historic site	Not Present	Not Present			
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	Not Present	Not Present	No action required		
Historic tramways site within 500m of coupe	Historic tramway	Not Present	Not Present	No action required		
Other historical issues	Other historical issues	[n/a]	Not Present			
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		
Foreground issues (0-500m)	TYERS_WALHALLA_ROAD Foreground	8.12	0.00	Coupe is within 500m of Tyers-Walhalla Road. Thinning operation will not impact on visual amenity from Tyers Walhalla Road.	No further action.	No further action required.
Landscape Issues in coupe	* None found *	0.00	0.00	No action required		

**Harvest Unit 490-501-0012-A - 32 Thinning**  
**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)	MOE_WALHALLA_ROAD Middleground	54.56	0.00	Coupe is within 6.5km of Moe-Walhalla Road. Thinning operation will not impact on visual amenity from Moe Walhalla Road.	No further action.	No further action required.
Middleground issues (500m-6.5k)	TYERS_WALHALLA_ROAD Middleground	40.88	0.00	Coupe is within 6.5km of Tyers-Walhalla Road. Thinning operation will not impact on visual amenity from Tyers Walhalla Road.	No further action.	No further action required.
Other landscape issues	Other landscape issues	[n/a]	Present	Overlay process identified Landscape values - Boola Road within 160m of coupe boundary.	No further action	No further action required.
Outer issues (6.5k - 12km)	THOMSON_VALLEY_ROAD Outer	0.13	0.00	Coupe is within 12km of Thomson Valley Road. Thinning operation will not impact on visual amenity from Thomson Valley Road.	No further action.	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
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	Other research issues	[n/a]	Not Present			
Permanent Growth Plot buffer in coupe	Permanent Growth Plot buffer	Not Present	Not Present	No action required		
8. Weeds, Pests & Disease	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Pests and Disease	None identified	[n/a]	None identified			



**Harvest Unit 490-501-0012-A - 32 Thinning**  
**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
Weeds	Blackberry	[n/a]	Scattered	Observed along existing road alignments		Washdown procedures consistent with VicForests Utilisation Procedures will be enforced where there is a significant concentration of Blackberry.

*End of Forest Operations Coupe Plan Section 4*



**Harvest Unit 490-501-0012-A - 32 Thinning**  
**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	<u>Daniel Albanese</u>	FOLS No. <u>V010034</u>	
Log Grader	<u>Daniel Albanese</u>	FOLS No. <u>V010034</u>	Hammer No. _____
Crew Member	<u>Daniel McKean</u>	FOLS No. <u>V008235</u>	
Crew Member	<u>Ronald Wilk</u>	FOLS No. <u>V010195 - AFCA</u>	
Crew Member	_____	FOLS No. _____	
Crew Member	_____	FOLS No. _____	





**Harvest Unit 490-501-0012-A - 32 Thinning**  
**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 490-501-0012-A - 32 Thinning**  
**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*