



Forest Operations Coupe Plan

for

Harvest Unit 464-506-0018-A - Annex

Noojee

464 - Tarago

Location of coupe centroid

Easting/Northing: (GDA-94)	393566/5799959 Zone 55
VicGrid	2569327/2395206
Latitude/Longitude:	37° 56' 30" S/145° 47' 19" 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

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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	72.0			
Area of Harvest Unit (operational area)	11.9			
Regional Forest Agreement	CENTRAL HIGHLANDS			
Forest Management Area	Central Gippsland			
General aspect	Northerly			
Elevation	500 meters			
Slope	Minimum 5°; Average 15°; Maximum 25°			
Proportion of the nett coupe area > 20°	0-10 %			
		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	
Brown Stringybark	B	25 m ³	
Brown Stringybark	C	74 m ³	
Brown Stringybark	D	8 m ³	
Brown Stringybark	E	8 m ³	
Brown Stringybark	H	700 m ³	
Messmate	B	53 m ³	
Messmate	C	160 m ³	

Estimated species and volumes

Product	Grade	Volume
Messmate	D	18 m ³
Messmate	E	18 m ³
Messmate	H	1515 m ³
Silvertop	B	36 m ³
Silvertop	C	107 m ³
Silvertop	D	12 m ³
Silvertop	E	12 m ³
Silvertop	H	1010 m ³

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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	North bdry 20m road buffer, and internal filters on drainage lines will be retained as habitat, East bdry nett area, South bdry habitat and TRP, West bdry habitat. All boundaries ground truthed on the ground and marked using GPS, stringline and compass and clinometer.
Operational constraints	
Social Issues	
Identified social issues	Avv Sight adjacent to not within TRP, south west crn
Coupe Access	
Proposed Access	Access off Bunyip Rd, 100m of incoupe rd to be constructed
Proposed driveway length to construct	0
Proposed in-coupe road length to construct	100
Proposed in-coupe roading requirements	
Proposed number of stream crossings	0
Proposed number of landings	1



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 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	Adaptive Seed Tree Retention (Ad.STR) with patch retention will be applied to the Harvest Unit. Existing HBT's 2's and 3's will be retained where practicable within the harvest unit. Recruitment habitat / seed trees will be retained within the harvest unit. Retain 4 additional trees for each HBT type 1 identified (Retention must be centered around HBT type 1 trees.
Additional specifications, requirements or instructions		
	Additional specifications, requirements or instructions	
5. Coupe boundaries		
5.1	Marking a coupe	Coupe boundary marked in Pink tape, filter marked in Orange tape, roadline marked in red tape.
5.2	Construction of boundary trails	Boundary trail to be constructed ahead of harvesting.
5.3	Location of Boundary Trails	
5.4	Converting boundary trail to fire trail	Mineral earth fire trail to be constructed at completion of harvested section.
6. Excluded areas		
6.1	Activities in excluded areas	
7. Harvest requirements		
7.1	Retained Trees	No tree, stag or spar to remain within 1 tree length of boundary or road. No living trees >250cm dbh to be fallen or pushed.



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 Contractor Section - Contractor Direction

7.2	Large Tree Protection	
7.3	Trees to be felled	
7.4	Stump heights	
7.6	Coupe utilisation requirements	
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	
10.3	Drainage and rehabilitation	
10.4	Snigging on roads	Snig track to be ripped 30m from landing at coupe completion.
10.5	Stream crossings	
12.	Landings	
12.1	Location of landings	
12.2	Construction and maintenance of landings	
12.5	Bark disposal	
12.7	Rehabilitation	Topsoil to be respread before ripping.
13.	Road and construction maintenance	
13.2	Location, design and period of construction	
13.4	Grade	
13.5	Clearing	



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 Contractor Section - Contractor Direction

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	
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	
23.	Weather restrictions	
23.0	Weather restrictions	
26.	Sorting and using fuel and servicing machinery	
26.1	Fuel location	
26.2	Fuel precautions	
27.	Camp sites, waste disposal and forest hygiene	
27.1	Camp sites	Coupe located within Tarago catchment, portable toilet required.
27.3	Water points	
27.4	Forests hygiene (weeds, pests and disease)	
27.5	Field Washdown/Cleaning Procedure for Machinery	



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 Contractor Section - Contractor Direction

All other action will be conducted as per the Utilisation Procedures, unless outlined in the Coupe Diary by a VicForests Officer.

Habitat Retention Plan

Habitat Description and Marking

Seed and Habitat trees to be selected by contractor in mixed species section of coupe.
 Location of retained trees to be based on indicative location as outlined in the retention map.
 Additional habitat has been retained in multiple places outside the harvest area.
 Retained seed trees, habitat trees and habitat islands inside the Harvest Unit require a mineral earth break around them to a minimum of 3 metres wide.
 3 internal drainage lines and 1 habiat island will be retained as habitat will be protected within the harvested area.
 Contractors are encouraged to identify non merchantable trees for additional habitat retention.
 Boundary to be made safe for burn patrols to better protect adjacent exclusion areas during and following burn. Where this is not possible regeneration plan will incorporate no-go zones or utilise mechanical disturbance for site preparation.
 Gully Grevillia identified during pre-harvest surveys has been excluded from the Harvest area within the North eastern harvest retention area and in the north east of the coupe.
 Contractors will be provided with Field guides for Tree Geebung and Gully Grevillea. Machine disturbance of high density areas of regrowth of these species will be avoided where possible.
 An area approximately 100m of unharvested forest wide separates the harvest area and the Gentle Annie Track on the boundary of the Bunyip State Park. This provides a visual buffer of the track and the skyline along this ridgeline (visible from communities to the south).
 5% retention within the Ad. STR. and Ad. CFE. areas will be achieved with the use of patches shown on the HCV map.

Habitat trees will be retained...

Scenario

- . 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

Yes
 No
 Yes
 Yes
 Yes
 No

Other requirements



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Contractor Section - Contractor Direction

** See variation page for marking procedure.*

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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	Coupe contains dead heads	
Percentage of tress containing a high proportion of dead limbs (i.e. mature-age, psyllid, drought or fire affected)	40 % if > 50% handfall not allowed as main harvest method.	
Percentage of the trees having mature interlocked crowns	30 % if > 50% handfall not allowed as main harvest method.	
Ground Hazard		
Slope	[None]	
Rock	[None]	
Rock Faces	[None]	
Morganers	Morganers throughout coupe.	
Other Ground Hazards	[None]	
Have any mineshafts been located? If yes, GPS location and include coupe map.	[None]	
Access Roads/Landings		
Grade	[None]	
Width	[None]	
Traffic & Falling Ops	Bunyip Gap Rd and Western firebreak to be closed when falling within 2 tree lengths.	
Access	[None]	



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Contractor Section - Coupe Occupational Health and Safety

Are there hazardous trees adjacent trees to the roads that should be removed?	[None]	
Fire	Coupe was burnt in 2009	
Hand Falling	[None]	
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>

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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	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	72.04	72.04	Coupe within Fire Management Zone 3: Landscape Management.	No restrictions on timber harvesting or regeneration activities.	
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 Tarago River Catchment restrictions of minimum 20m buffers and 10m filters and no harvesting slopes >30 degrees.	Code buffers applied to coupe.
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	PRK : Conservation Parks and Reserves	Present	Present	Bunyip State Park located within 150m of coupe boundary. Bunyip State Park certified plan 87/2 identifies the boundary of the park to be the ridgeline/Gentle Annie Track south of the coupe.	According to certified plan 87/2, Bunyip State Park boundary is Gentle Annie Track. National Park boundary will be located and marked in field using a GPS, compass and hipchain. Boundary to be signed off by Regional Manager prior to harvesting commencement. Parks Victoria has been provided with the opportunity to inspect marked boundary. Site inspection completed on 26/11/2020.	Coupe boundary has been signed off by Parks Victoria and Regional Manager.
Forest Management Zone within 200m	SPZ : Special Protection Zone	Present	Present	Special Protection Zone (SPZ) 464/01 (Linear reserve, Cool Temperate Rainforest, Astelia Australiana) 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.	SPZ >50m from marked boundary.

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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	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 Tarago River Catchment restrictions of minimum 20m buffers and 10m filters and no harvesting slopes >30 degrees.	Code buffers applied to coupe.
Forest Management Zone within 500m	GMZ : General Management Zone	Present	Present	General Management Zone (GMZ) within 500m of coupe boundary.	No further action required.	
Forest Management Zone within 500m	PRK : Conservation Parks and Reserves	Present	Present	Bunyip State Park located within 150m of coupe boundary. Bunyip State Park certified plan 87/2 identifies the boundary of the park to be the ridgeline/Gentle Annie Track south of the coupe.	According to certified plan 87/2, Bunyip State Park boundary is Gentle Annie Track. National Park boundary will be located and marked in field using a GPS, compass and hipchain. Boundary to be signed off by Regional Manager prior to harvesting commencement. Parks Victoria has been provided with the opportunity to inspect marked boundary. Site inspection completed on 26/11/2020.	Coupe boundary has been signed off by Parks Victoria and Regional Manager.
Forest Management Zone within 500m	SPZ : Special Protection Zone	Present	Present	Special Protection Zone (SPZ) 464/01 (Linear reserve, Cool Temperate Rainforest, Astelia Australiana) 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.	SPZ >50m from marked boundary.
Forest Management Zone within coupe	CFP : Code of Forest Practice	5.89	5.89	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 Tarago River Catchment restrictions of minimum 20m buffers and 10m filters and no harvesting slopes >30 degrees.	Code buffers applied to coupe. 10m filters applied to internal drainage lines.
Forest Management Zone within coupe	GMZ : General Management Zone	66.15	66.15	General Management Zone within gross coupe boundary.	Operations will be in accordance with the Code of Practice for Timber Production.	All Harvesting Operations will be in accordance with the Code of Practice for Timber Production.
Non-State Forest in coupe	* None found *	0.00	0.00	No action required		
Other situation issues	Other situation issues	[n/a]	Not Present			

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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
Permanent fire break in coupe	Proposed	631.34	631.34	Proposed Permanent Strategic Fire Break situated adjacent coupe boundary along Gentle Annie Track & Western Firebreak.	Existing Strategic Fuelbreaks or Strategic Fuelbreaks constructed prior to the harvesting operations are to be restored to the Pre-Harvesting condition. All debris to be removed from the break, drainage to be reinstated and if safe to do so, retained vegetation within fue break is not to be removed as part of the harvesting operations.	No strategic firebreak found in field.
Permanent fire break within 500m of coupe	Proposed	3230.89	3230.80	Proposed Permanent Strategic Fire Break situated within 500m of coupe boundary along Lower Sisters Track, Western Firebreak and Gentle Annie Track.	Existing Strategic Fuelbreaks or Strategic Fuelbreaks constructed prior to the harvesting operations are to be restored to the Pre-Harvesting condition. All debris to be removed from the break, drainage to be reinstated and if safe to do so, retained vegetation within fue break is not to be removed as part of the harvesting operations.	No strategic firebreak found in field.
Private land within 500m	Private property	Not Present	Not Present	No action required		
Private land within coupe	Private property	Not Present	Not Present	No action required		
Recreational hut in coupe	Recreation hut	Not Present	Not Present	No action required		
VF Reserve in coupe	* None found *	0.00	0.00	No action required		
VF Reserve within 500m	* None found *	0.00	0.00	No action required		
VF SMA in coupe	GPR Prescription	72.04	72.04	Special Management Area VFSMP71 (Green Patch Retention) located within coupe boundary.	Retain all patches of green ash type forest greater than 0.5ha.	No Green ash detected whilst coupe marking
VF SMA in coupe	Water SMA	71.73	71.73	Coupe located within Special Management Area (SMA) VFSMP69 (Tarago Catchment)	Harvesting analysis undertaken 08/11/2020 demonstrates compliance with rolling average of 55ha Ash and 23ha MS.	
VF SMA within 500m	GPR Prescription	214.22	214.22	Special Management Area VFSMP71 (Green Patch Retention) located within 500m of coupe boundary.	Retain all patches of green ash type forest greater than 0.5ha.	No Green ash detected whilst coupe marking

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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 SMA within 500m	Water SMA	248.98	248.98	Special Management Area (SMA) VFSMP69 (Bunyip Catchment) located within 500m of coupe boundary.	VF SMA is not within or adjacent to coupe boundary and will not be affected by harvesting. No further action.	
Walking track in coupe	Walking track	Not Present	Not Present	No action required		
Walking track within 500m of coupe	Walking track	Not Present	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	24.53	24.53	Coupe overlay indicates 24.53 ha 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 will be in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.
Allocation Order Stratum	Mixed Species	47.51	47.51	Coupe overlay indicates 47.51 ha 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 will be in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.
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	TARAGO RIVER	71.73	71.73	Coupe located within Tarago River water supply catchment.	Harvesting analysis undertaken 08/11/2020 demonstrates compliance with rolling average of 55ha Ash and 23ha MS. Bunyip River Catchment restrictions: No harvesting slopes >30 degrees. Apply minimum buffer widths of 20m and filter widths of 10m. Seasonal closure access restrictions apply where no harvesting and associated activities allowed between 1 May - 31 October.	Code buffers applied to coupe. 10m filters applied to internal drainage lines.

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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 Supply Catchment within 500m	BUNYIP RIVER	38.84	38.84	Coupe located within 500m of Bunyip River water supply catchment	Harvesting analysis undertaken 20/10/2020 demonstrates compliance with rolling average of 15ha Ash and 15ha MS. Bunyip River Catchment restrictions: No harvesting slopes >25 degrees. Apply minimum buffer widths of 20m and filter widths of 10m. Seasonal closure access restrictions apply where no harvesting and associated activities allowed between 1 Jun - 31 October.	
Designated Water Supply Catchment within 500m	DROUIN	0.16	0.16	Coupe located within 500m of Drouin water supply catchment	Drouin catchment restrictions: No harvesting slopes >30 degrees. Apply minimum buffer widths of 20m and filter widths of 10m. Seasonal closure access restrictions apply where no harvesting and associated activities allowed between 1 July - 30 September.	Code buffers applied to coupe.
Designated Water Supply Catchment within 500m	TARAGO RIVER	138.41	138.41	Coupe located within Tarago River water supply catchment.	Harvesting analysis undertaken 08/11/2020 demonstrates compliance with rolling average of 55ha Ash and 23ha MS. Bunyip River Catchment restrictions: No harvesting slopes >30 degrees. Apply minimum buffer widths of 20m and filter widths of 10m. Seasonal closure access restrictions apply where no harvesting and associated activities allowed between 1 May - 31 October.	Code buffers applied to coupe.
Other water issues	[n/a]	[n/a]				
Slope Class within coupe	0-20 Degrees	54.12	54.12	54.12 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.	Harvesting will be in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures.
Slope Class within coupe	20-25 Degrees	12.62	12.62	12.62 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.	Harvesting will be in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures.
Slope Class within coupe	25-30	4.18	4.18	4.18 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.	Harvesting will be in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures.
Slope Class within coupe	30+	1.12	1.12	1.12 ha of slope > 30 degrees.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures.	Harvesting will be in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures.

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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
Water quality risk within coupe	Low or Moderate Water Quality Risk	[n/a]	Present	Soil Assessments have determined the overall Water Quality Risk (Soil Erosion category) to be Low or Moderate within this coupe.	During the coupe-marking stage, each waterway site will be assessed and minimum buffer or filter widths applied according to section 3.2.1 of the Code of Practice for Timber production (2007).	3 internal drainage lines, 10m filters applied.
4. Biodiversity	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Barred Galaxias streams in coupe or within 500m	Barred Galaxias catchment in coupe or within 500m	Not Present	Not Present	No action required		
Greater Glider Habitat Within 100m (Modelled Class1)	Modelled Greater Glider Habitat within 100m	Not Present	Not Present	No action required		
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		

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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	Coupe overlay process has detected low to high potential Tree Geebung habitat within the coupe boundary.	If found within coupe, protect mature tree geebung with a 50m buffer, if buffer is not required follow VFSMP319 and 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.	No Mature Tree Geebung detected whilst marking. Contractor trained and made aware in Tree Geebung identification
Other threatened flora	Grevillea barklyana ssp barklyana: Gully Grevillea	Present	Present	Gully Grevillea species record from 2019/20 located within coupe along boundary and gullies.	If found within coupe protect mature individuals where possible.	No Gully Grevillea detected whilst marking.

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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 threatened flora	Persoonia arborea: Tree Geebung	Present	Present	Tree Geebung species observation record within coupe boundary.	Protect all Mature Tree Geebung with a 50m buffer until further Orders, if 50m buffer is not required, we then follow VFSMP319 and 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.	No Mature Tree Geebung detected whilst marking. Contractor trained and made aware in Tree Geebung identification
Rainforest in coupe	None found	0.00	0.00	No action required		
Rainforest site in coupe	R2	72.04	72.04	Rainforest Site of Significance (RFSOS) Tarago - R2 detected in overlay process within coupe boundary.	If Rainforest is identified in the field, 40m buffers will be applied to stands >0.4ha in accordance with VicForests Rainforest Identification Instruction	No Rainforest found whilst marking
Rainforest site within 500m	Rainforest site of significance	Present	Present	Rainforest Site of Significance (RFSOS) Tarago - R2 detected in overlay process within coupe boundary.	If Rainforest is identified in the field, 40m buffers will be applied to stands >0.4ha in accordance with VicForests Rainforest Identification Instruction	No Rainforest found whilst marking
Rainforest within 500m	Cool Temperate RF	0.21	0.21	Rainforest EVC detected in overlay process within 500m of coupe boundary.	If Rainforest is identified in the field, buffer in accordance with the VicForests Rainforest Identification Instruction	No Rainforest found whilst marking
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		

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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
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	Cool Temperate Rainforest	3.23	3.23	Rainforest EVC detected in overlay process within 500m of coupe boundary.	If Rainforest is identified in the field, buffer in accordance with the VicForests Rainforest Identification Instruction	No Rainforest detected whilst marking
Threatened fauna site in coupe	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider species observation record within coupe boundary.	Apply VicForests HCV management system. Consideration should be given to the protection of live, large, hollow-bearing trees through all forest management activities including regeneration burning.	Apply VicForests HCV management system. Consideration should be given to the protection of live, large, hollow-bearing trees through all forest management activities including regeneration burning.
Threatened fauna site within 500m of coupe	Petauroides volans: Greater Glider	Present	Present	Greater Glider species observation record within 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.	
Threatened flora site within 500m of coupe	Astelia australiana: Tall Astelia	Present	Present	Tall Astelia species detected in overlay process within 500m of coupe boundary. Species listed in the VicForests Operating Procedures with prescriptions.	For field verified plants apply 40m buffers to permanent streams situated upstream from location of Tall Astelia. Apply 100m buffer around all Tall Astelia colonies. For isolated plants on roadsides, a 40m buffer must be applied.	No Tall Astelia detected whilst marking.
Threatened flora site within 500m of coupe	Grevillea barklyana ssp barklyana: Gully Grevillea	Present	Present	Gully Grevillea species record from 2019/20 located within coupe along boundary and gullies.	If found within coupe protect mature individuals where possible	No Gully Grevillea detected whilst marking.

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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	Persoonia arborea: Tree Geebung	Present	Present	Tree Geebung species observation record within 500m of coupe boundary.	Protect all Mature Tree Geebung with a 50m buffer until further Orders, if 50m buffer is not required, we then follow VFSMP319 and 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.	No Mature Tree Geebung detected whilst marking. Contractor trained and made aware in Tree Geebung identification
Threatened Species Observations in coupe	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider species observation record within coupe boundary.	Apply VicForests HCV management system. Consideration should be given to the protection of live, large, hollow-bearing trees through all forest management activities including regeneration burning.	Apply VicForests HCV management system. Consideration should be given to the protection of live, large, hollow-bearing trees through all forest management activities including regeneration burning.
Threatened Species Observations in coupe	Grevillea barklyana: Gully Grevillea	Present	Present	Gully Grevillea species record from 2019/20 located within coupe along boundary and gullies.	If found within coupe protect mature individuals where possible.	Identified Gully Grevillea have been excluded from harvest unit.

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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	Persoonia arborea: Tree Geebung	Present	Present	Tree Geebung species observation record within coupe boundary.	Protect all Mature Tree Geebung with a 50m buffer until further Orders, if 50m buffer is not required, we then follow VFSMP319 and 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.	No Mature Tree Geebung located within harvest unit. Contractor trained and made aware in Tree Geebung identification.
Threatened Species Observations within 500m of coupe	Grevillea barklyana: Gully Grevillea	Present	Present	Gully Grevillea species record from 2019/20 located within coupe along boundary and gullies.	If found within coupe protect mature individuals where possible.	Identified Gully Grevillea have been excluded from harvest unit.

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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	Personia arborea: Tree Geebung	Present	Present	Tree Geebung species observation record within 500m of coupe boundary.	Protect all Mature Tree Geebung with a 50m buffer until further Orders, if 50m buffer is not required, we then follow VFSMP319 and 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.	No Mature Tree Geebung located within harvest unit. Contractor trained and made aware in Tree Geebung identification.
VF Large Trees in Coupe	Not present					
VF Large Trees within 500m	Not present					
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	4.83	4.83	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 within gross coupe boundary.	
Aboriginal Cultural Sensitivity Area within 500m	Registered	0.78	0.78	Area of Cultural Sensitivity within 500m of coupe boundary identified in the overlay process.	Consultation with AV was undertaken during the TRP approval process. A registered Aboriginal Cultural Heritage site was identified to the SE and within 100m of the coupe boundary. Site is >100m from harvest unit and has minimal chance of being affected by harvesting.	

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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 within 500m	Watercourse	111.62	111.62	Area of Cultural Sensitivity within 500m of coupe boundary identified in the overlay process.	Consultation with AV was undertaken during the TRP approval process. A registered Aboriginal Cultural Heritage site was identified to the SE and within 100m of the coupe boundary. Site is >100m from harvest unit and has minimal chance of being affected by harvesting.	
Historic areas in coupe	Historic site	Not Present	Not Present	No action required		
Historic areas within 500m	Historic site	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	Present	Present	Historic Forestry Camp and Dugout within 400m of coupe boundary.	Historic area is not within or adjacent to coupe boundary. No further 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	Gazetted Road within and adjacent to coupe.	Use a minimum 20 m vegetation buffer	20m Road buffer marked in pink tape.
Landscape Issues in coupe	* None found *	0.00	0.00	No action required		
Middleground issues (500m-6.5k)	* None found *	0.00	0.00	No action required		
Other landscape issues	Other landscape issues	[n/a]	Not Present			



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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
Outer issues (6.5k - 12km)	NORTH_HELLS_GATE_p Outer	10.29	10.29	10.29 ha of the coupe is within 6.5km-12km of North Hells Gate. The coupe is potentially visible from this location due to topography.	Design timber harvesting operations so that clearfall and skyline notches are not apparent from North Hells Gate	Harvest unit is below skyline.
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			
Weeds	Blackberry	[n/a]	Scattered	Along roads and gullies		
<i>End of Forest Operations Coupe Plan Section 4</i>						



Harvest Unit 464-506-0018-A - Annex
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. _____	



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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 464-506-0018-A - Annex
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