



Forest Operations Coupe Plan

for

Harvest Unit 483-505-0004-A - Grouser

Erica

483 - Western Tyers

Location of coupe centroid

Easting/Northing: (GDA-94)	436259/5802663 Zone 55
VicGrid	2612080/2397003
Latitude/Longitude:	37° 55' 17" S/146° 16' 29" 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	32.0			
Area of Harvest Unit (operational area)	16.5			
Regional Forest Agreement	CENTRAL HIGHLANDS			
Forest Management Area	Central Gippsland			
General aspect	Northerly			
Elevation	480 meters			
Slope	Minimum 0°; Average 10°; Maximum 25°			
Proportion of the nett coupe area > 20°	11-40 %			
		Horizon A	Horizon B	Horizon C
Soil Erosion Classification		<i>Low</i>	<i>Medium</i>	<i>Medium</i>
Soil Permeability Classification		<i>High</i>	<i>High</i>	<i>High</i>
Overall Soil Category		<i>Low</i>	<i>Low</i>	<i>Low</i>
Rock cover exceeds 30% of nett area	No			

Estimated species and volumes			
Product	Grade	Volume	
Silvertop	B	96 m ³	
Silvertop	C	384 m ³	
Silvertop	D	106 m ³	
Silvertop	E	365 m ³	
Silvertop	H	1105 m ³	

End of Forest Operations Coupe Plan Section 1



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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)	Variable retention 1
Recommended harvesting period	Summer of 2020-2021
Description of the coupe boundaries and method used to locate boundary in the field	Northern boundary has been marked to the extent of merchantable timber, areas of high-quality habitat such Hollow bearing trees and rocky outcrops have been excluded on this boundary as well as a potential tramway on the north-western boundary. Eastern boundary has been marked to exclude a drainage line and has formed part of a large wildlife corridor that has been planned to create connectivity and serves as an important area that will likely support important STQ prey. South boundary has been marked to 2004 regrowth and a 20m road buffer off Spurwood road
Operational constraints	
Social Issues	
Identified social issues	WOTCH have been notified as per VF legal requirement at least 7 days prior to commencement.
Coupe Access	
Proposed Access	Access via Spurwood Road and Sure Would RDC
Proposed driveway length to construct	0
Proposed in-coupe road length to construct	200
Proposed in-coupe roading requirements	This coupe may be used to access coupe 'Sailor Jerrys'
Proposed number of stream crossings	0
Proposed number of landings	1



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

Environmental and operational specification Standard		
All operations to be conducted in accordance with the Code of Practice for Timber Production 2014 and VicForests Utilisation Procedures except where additional specifications or variations are specified below. Where there is no comment (ie the column is blank), it should be read ' <i>No variation to the standard procedure</i> '.		
Environmental & Operational Elements		Variations, amendments or additional instructions
Utilisation Procedures Section		
Planned silvicultural system and requirements		
	Planned silvicultural system and requirements	Variable 1 proposed for 19.6 ha with 11 internal exclusion zones totalling 3.1 ha, bringing a total harvest area to 16.5ha. Approximately 51.45% of the preharvest basal area has been planned for retention. In addition, 2 trees per HBT 1 will be retained as a clump incorporating all mapped and unmapped HBT1's identified.
Additional specifications, requirements or instructions		
	Additional specifications, requirements or instructions	-Contractors to observe V notch trees (YBG feed trees) and retain where identified during operations. -Modelled habitat of Greater Glider has been identified in desktop analysis. Contractor to adhere to VF Greater Glider Conservation Strategy and remain vigilant. -Any Flora / Fauna observations to be reported during operations. -Adjacent SPZ for LBP, Old Growth, Damp Forest, Cool temperate rainforest -Relevant Flora and Fauna documentation have been conveyed and distributed to harvesting contractor
5.	Coupe boundaries	
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 tape, internal features such as exclusion areas are clearly delineated on a georeferenced map loaded onto a tablet within the harvesting machine. A 10m exclusion has been applied to a potential tramway in the northern section of the coupe.
5.2	Construction of boundary trails	No variation to the standard procedure
5.3	Location of Boundary Trails	No variation to the standard procedure

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Contractor Section - Contractor Direction

5.4	Converting boundary trail to fire trail	Mineral Earth fire breaks will be constructed around retained habitat clumps. Further extension of fire trails may be required to segregate harvest areas
6.	Excluded areas	
6.1	Activities in excluded areas	No machine is to enter any proposed excluded area unless authorised by a VF representative
7.	Harvest requirements	
7.1	Retained Trees	Variable 1 proposed for 19.6ha with 10 internal exclusion zones totalling 3.1ha, bringing a total harvest area to 16.5ha. Approximately 51.45% of the preharvest basal area has been planned for retention. In addition, 2 trees per HBT 1 will be retained as a clump incorporating all mapped and unmapped HBT1's identified.
7.2	Large Tree Protection	All trees >250cm dbh or >80m tall must be retained and reported to a VF representative.
7.3	Trees to be felled	No variation to the standard procedure
7.4	Stump heights	No variation to the standard procedure
7.6	Coupe utilisation requirements	No variation to the standard procedure
9.	Thinning requirements	
9.2	Trees to be retained	Not applicable
9.3	Thinning method	Not applicable
9.4	Damage	Not applicable
10.	Extraction tracks within coupes	
10.1	Location of Extraction Tracks	No variation to the standard procedure
10.2	Blading-off	No variation to the standard procedure
10.3	Drainage and rehabilitation	No variation to the standard procedure
10.4	Snigging on roads	No variation to the standard procedure
10.5	Stream crossings	No variation to the standard procedure
12.	Landings	
12.1	Location of landings	No variation to the standard procedure



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Contractor Section - Contractor Direction

12.2	Construction and maintenance of landings	No variation to the standard procedure
12.5	Bark disposal	No variation to the standard procedure
12.7	Rehabilitation	No variation to the standard procedure
13.	Road and construction maintenance	
13.2	Location, design and period of construction	No variation to the standard procedure
13.4	Grade	No variation to the standard procedure
13.5	Clearing	No variation to the standard procedure
13.6	Earthworks	No variation to the standard procedure
13.7	Drainage	No variation to the standard procedure
13.8	Maintenance	No variation to the standard procedure
13.9	Stream and drainage line crossings	No variation to the standard procedure
13.11	Closure and rehabilitation of roads	No variation to the standard procedure
13.13	Removal and rehabilitation of bridges, crossings and culverts	No variation to the standard procedure
14.	Quarries, borrow pits and fill disposal areas	
14.0	Quarries, borrow pits and fill disposal areas	No variation to the standard procedure
15.	Preparation, measurement, grading and extraction of logs	
15.2	Log preparation	Processor marks should be minimal, practically for Silver top and Brown stringybark.
21.	Carting logs	
21.1	Carting logs - general obligations of the driver	No variation to the standard procedure
23.	Weather restrictions	
23.0	Weather restrictions	No variation to the standard procedure
26.	Sorting and using fuel and servicing machinery	



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26.1	Fuel location	No variation to the standard procedure
26.2	Fuel precautions	No variation to the standard procedure
27.	Camp sites, waste disposal and forest hygiene	
27.1	Camp sites	No variation to the standard procedure
27.3	Water points	No variation to the standard procedure
27.4	Forests hygiene (weeds, pests and disease)	No variation to the standard procedure
27.5	Field Washdown/Cleaning Procedure for Machinery	No variation to the standard procedure
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	<p>Protect, Areas with a higher concentration of HBT 1's have been excluded from harvest within habitat retention islands. 1850's Messmate and Grey gum will be protected and retained along with 2 recruitment trees. A drainage line central to the coupe, on the northern boundary has been excluded and extended to create a wildlife corridor. This corridor protects high densities of HBT and known detection sites of YBG, Southern Greater Gliders and a Koala. Tree spacings within the VAR 1 sections support Glider movement throughout the landscape, linked to island retention and corridors as planned refuge. A target post-harvest BA of >40% is planned in response to high numbers Glider observations. Contractors given photos of V notch trees (YBG feed trees) and requested to retain these trees if observed during operations</p> <p>Retention of Hollow bearing trees and exclusion of drainage lines support protection of potential Sooty Owl habitat Contractors have information on forest owls and any sign of roost trees will be reports to a VicForests represented immediately and appropriate prescriptions applied. Contractors have a copy and will follow VicForests Koala management instruction, contractors to look/listen and check for fresh scats of Koalas prior to starting each days harvesting to specifically check the immediate area of operation.</p> <p>Rocky outcrops have been excluded during field marking and will be protected as potential future den sites for STQ. Drainage lines and damp forest areas have been excluded as they are more likely to support important STQ prey. Water values are protected through buffering of permanent and temporary streams</p> <p>A 10m exclusion has been applied to a potential tramway in the northern section of the coupe.</p>

Recruit, Recruitment of habitat occurs in the undisturbed islands, harvest exclusion areas and extended drainage buffers across the treatment area. Habitat recruitment is further supported by the retention of an additional 2 stems per HBT 1 tree identified within the coupe. Recruitment will also occur from the retention of 10 trees per ha. Retention of all trees in Habitat islands and adjacent exclusion areas will provide ongoing feed trees while regeneration of the coupe is in progress.

Output for HCV Summary:

Average Preharvest basal area (m²/ha) 69.78

Gross Area (ha) 31.90

Gross Basal Area (m²) 2225.91

Retained Area (ha) 15.44

Total retained basal area (m²) 1077.369

Min Retained BA within Harvestable Area (m²) 68.055

40% Target Gross Basal Area (m²) 890.364

Total planned gross basal area retention (m²) 1145.42

Percent planned retention of gross basal 51.45%

Connect, Tree spacings within the coupe supports Glider movement throughout the landscape, linked to island retention and permanent corridors planned as refuge. A target post-harvest BA of >40% is planned in response to high numbers of Glider observations. Large planned exclusion areas form corridors link a 120 ha SPZ on the northern boundary of Grouser.

A corridor has been created between Grouser and Rowles, this corridor runs the entirety of the north eastern TRP boundary and has been planned to create connectivity.

Regenerate, Preference for cooler regeneration burn or use of mechanical disturbance treatment is required to protect retained trees. A Large fire break will be constructed from the head the central exclusion zone to the in-coupe road.

High amounts of retained trees within the coupe will reduce the amount of seed required to be sown post site preparation.

Social Stewardship, Harvest plans have been released for Stakeholder engagement

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
Other requirements	



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Contractor Section - Contractor Direction

Recruitment of habitat occurs in the undisturbed islands, harvest exclusion areas and extended drainage buffers across the treatment area. Habitat recruitment is further supported by the retention of an additional 2 stems per HBT 1 tree identified within the coupe. Recruitment will also occur from the retention of 10 trees per ha. Retention of all trees in Habitat islands and adjacent exclusion areas will provide ongoing feed trees while regeneration of the coupe is in progress.

** See variation page for marking procedure.*

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Harvest Unit 483-505-0004-A - Grouser
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	Stags are present throughout the coupe.	
Other aerial hazards	<p>Broken out crowns and broken/hanging limbs scattered throughout the coupe.</p> <p>Any tree that is unsafe or has a high potential to become unsafe during harvest or site preparation works may be removed by a contractor prior to coupe completion, in consultation with VF representative.</p> <p>Trees will not be retained <1 tree length of boundary for safety of burn/patrol crews. Boundary to be made safe for burn patrols to better protect adjacent exclusion areas during and following burning.</p> <p>Hazardous trees have been identified during HCV surveys. Approximate locations are identified on the operations map.</p>	
Percentage of tress containing a high proportion of dead limbs (i.e. mature-age, psyllid, drought or fire affected)	10 % if > 50% handfall not allowed as main harvest method.	
Percentage of the trees having mature interlocked crowns	15 % if > 50% handfall not allowed as main harvest method.	
Ground Hazard		
Slope	[None]	
Rock	Sections within the coupe have high amounts of granite rock.	
Rock Faces	[None]	
Morganers	[None]	
Other Ground Hazards	[None]	



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Contractor Section - Coupe Occupational Health and Safety

Have any mineshafts been located? If yes, GPS location and include coupe map.	[None]	
Access Roads/Landings		
Grade	[None]	
Width	[None]	
Traffic & Falling Ops	Travelling to and from the coupe will be on South Face road, South Face rd is gravel and has a high potential for large amounts of traffic. Ensure all vehicles associated with the operation are calling on UHF 24 when travelling to and from the coupe.	
Access	[None]	
Are there hazardous trees adjacent trees to the roads that should be removed?	Any tree that is unsafe or has a high potential to become unsafe during harvest or site preparation works may be removed by a contractor prior to coupe completion in consultation with VF representative.	
Fire	[None]	
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>

End of Forest Operations Coupe Plan Section 3



Harvest Unit 483-505-0004-A - Grouser
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	31.98	31.98	Coupe is within Zone 3 - Landscape Management Zone (LMZ)	No restrictions on timber harvesting or regeneration activities.	No further action required.
Forest Management Zone within 200m	CFP : Code of Forest Practice	Present	Present	Modelled Code of Practice for Timber Production exclusion areas adjacent to coupe boundary.	Protection requirements 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.	Modelled exclusion zones have been excluded from harvesting operations.
Forest Management Zone within 200m	GMZ : General Management Zone	Present	Present	General Management Zone adjacent to coupe boundary.	No further action required.	No further action required.
Forest Management Zone within 200m	SMZ : Special Management Zone	Present	Present	Special Management Zone (SMZ) M483-11 (Spot-tailed Quoll) located adjacent to coupe boundary.	Coupe to be harvested in accordance with SMZ Plan 484/02. Harvesting analysis undertaken 21/12/2020 demonstrates compliance with maintaining at least 1000ha of suitable habitat across the SMZ and SPZ.	Rocky outcrops have been excluded during field marking and will be protected as potential future den sites for STQ. Drainage lines and damp forest areas have been excluded as they are more likely to support important STQ prey.

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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
Forest Management Zone within 200m	SPZ : Special Protection Zone	Present	Present	Special Protection Zones (SPZ) 483-12 (Leadbeaters Possum, Cool Temperate RainFst, Old-growth (Cool Temperate RainFst and Damp Fst), Landscape SMZ (Caringal Scout Camp), LBP Colony) and 483-01 (Tyers River reserve, Leadbeaters Possum, Cool Temperate RainFst, RFSOS regional significance priority area, Landscape (Caringal Scout Camp), Recreation site (Growler's Ck), Cool Temperate RainFst) located adjacent and within 200m of 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 has been excluded from harvesting and signed off by a Senior Forester.
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.	Modelled exclusion zones have been excluded from harvesting operations.
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 required.
Forest Management Zone within 500m	SMZ : Special Management Zone	Present	Present	Special Management Zone (SMZ) M483-11 (Spot-tailed Quoll) located adjacent to coupe boundary.	Coupe to be harvested in accordance with SMZ Plan 484/02. Harvesting analysis undertaken 21/12/2020 demonstrates compliance with maintaining at least 1000ha of suitable habitat across the SMZ and SPZ.	Rocky outcrops have been excluded during field marking and will be protected as potential future den sites for STQ. Drainage lines and damp forest areas have been excluded as they are more likely to support important STQ prey.

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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	SPZ : Special Protection Zone	Present	Present	Special Protection Zones (SPZ) 483-12 (Leadbeaters Possum, Cool Temperate RainFst, Old-growth (Cool Temperate RainFst and Damp Fst), Landscape SMZ (Caringal Scout Camp), LBP Colony) and SPZ 483-01 (Tyers River reserve, Leadbeaters Possum, Cool Temperate RainFst, RFSOS regional significance priority area, Landscape (Caringal Scout Camp), Recreation site (Growler's Ck), Cool Temperate RainFst) & SPZ 483/07 (Cool Temperate RainFst, Spot-tailed Quoll) located adjacent and within 500m of 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 has been excluded from harvesting and signed off by a Senior Forester.
Forest Management Zone within coupe	CFP : Code of Forest Practice	0.56	0.56	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.	Modelled exclusion zones have been excluded from harvesting operations.
Forest Management Zone within coupe	SMZ : Special Management Zone	31.42	31.42	Special Management Zone (SMZ) M-483-11 located within gross coupe boundary. The SMZ value is Spot-tailed Quoll. The requirements of this plan will affect 31.42 ha of the gross coupe area.	Coupe to be harvested in accordance with SMZ Plan 484/02. Harvesting analysis undertaken 21/12/2020 demonstrates compliance with maintaining at least 1000ha of suitable habitat across the SMZ and SPZ.	Rocky outcrops have been excluded during field marking and will be protected as potential future den sites for STQ. Drainage lines and damp forest areas have been excluded as they are more likely to support important STQ prey.
Non-State Forest in coupe	* None found *	0.00	0.00	No action required		
Other situation issues	[n/a]	[n/a]				
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		



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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
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	FAUNA_LBP1A_HBT	2.31	2.31	VicForests Reserve VFSMP245 (LBP habitat) located adjacent to coupe boundary.	VF Reserve is not within or adjacent to coupe boundary and will not be affected by harvesting. No further action.	No further action required.
VF Reserve within 500m	Spot-tailed Quoll Habitat	124.13	124.13	VicForests Reserve VFSMP217 (STQ habitat) located adjacent to coupe boundary.	VF Reserve 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 VF Reserve.	VF Reserve has been excluded from harvesting and signed off by a Senior Forester
VF SMA in coupe	* None found *	0.00	0.00	No action required		
VF SMA in coupe	Spot-tailed Quoll Habitat	31.97	31.97	Special Management Area (SMA) VFSMP217 (Spot-tailed Quoll Habitat) located within coupe boundary.	Coupe to be harvested in accordance with VF SMP217. Harvesting analysis undertaken 21/12/2020 demonstrates compliance with maintaining at least 1000ha of suitable habitat across the SMZ and SPZ.	Rocky outcrops have been excluded during field marking and will be protected as potential future den sites for STQ. Drainage lines and damp forest areas have been excluded as they are more likely to support important STQ prey.
VF SMA within 500m	Spot-tailed Quoll Habitat	202.04	202.04	Special Management Area (SMA) VFSMP217 (Spot-tailed Quoll Habitat) located adjacent to coupe boundary.	Coupe to be harvested in accordance with VF SMP217. Harvesting analysis undertaken 21/12/2020 demonstrates compliance with maintaining at least 1000ha of suitable habitat across the SMZ and SPZ.	Rocky outcrops have been excluded during field marking and will be protected as potential future den sites for STQ. Drainage lines and damp forest areas have been excluded as they are more likely to support important STQ prey.
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		

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Issues identified						
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	0.12	0.12	Coupe overlay indicates 0.12ha of Ash Species within the gross coupe boundary.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.	Coupe will be harvested in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.
Allocation Order Stratum	Mixed Species	31.86	31.86	Coupe overlay indicates 31.86ha of Mixed Species within the gross coupe boundary.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.	Coupe will be harvested 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	TYERS RIVER	31.98	32.63	Coupe located within Tyers River water supply catchment. Harvesting and Haulage Restrictions apply to this 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 is below 650m ASL however haulage route is above 650m, therefore no haulage from this coupe to occur prior to 1 November and after 31 May.	Slope >30 Degrees has been excluded during field marking. Two drainage lines have had minimum 10m exclusion zones applied instead of a 10m filters. There will be no harvesting operations between 1st June and 31st October
Designated Water Supply Catchment within 500m	TYERS RIVER	195.86	196.03	Coupe located within Tyers River water supply catchment. Harvesting and Haulage Restrictions apply to this 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 is below 650m ASL however haulage route is above 650m, therefore no haulage from this coupe to occur prior to 1 November and after 31 May.	Slope >30 Degrees has been excluded during field marking. Two drainage lines have had minimum 10m exclusion zones applied instead of a 10m filters. There will be no harvesting operations between 1st June and 31st October
Other water issues	[n/a]	[n/a]				
Slope Class within coupe	0-20 Degrees	22.55	0.00	22.55 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.	No further action required.

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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
Slope Class within coupe	20-25 Degrees	7.69	0.00	7.69 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.	No further action required.
Slope Class within coupe	25-30	1.35	0.00	1.35 ha of slope between 25-30 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.	No further action required.
Slope Class within coupe	30+	0.40	0.00	0.40 ha of slope between >30 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.	Areas of slope > 30 degrees have been excluded from harvest.
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.	Harvesting will be in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures.
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.	Approximately 51.45% of the preharvest basal area has been planned for retention. In addition, 2 trees per HBT 1 will be retained as a clump incorporating all mapped and unmapped HBT1's identified. In addition, 2 trees per HBT 1 will be retained as a clump incorporating all mapped and unmapped HBT1's identified.



Harvest Unit 483-505-0004-A - Grouser
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
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.	LBP habitat was found to be not present during field marking.
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.	LBP habitat was found to be not present during field marking.
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	Coupe overlay process has detected low 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 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.	
Other threatened flora	* None found *	Not Present	Not Present	No action required		
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 483-505-0004-A - Grouser
FOREST OPERATIONS COUPE PLAN - SECTION 4
Forester Section - Coupe Management Actions

Issues identified						
4. Biodiversity	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Rainforest within 500m	Warm Temperate RF	7.14	7.14	Rainforest EVC detected in overlay process.	If Rainforest is identified in the field, buffer in accordance with the VicForests Rainforest Identification Instruction	Rainforest EVC modelled on the northern boundary, a rainforest assessment was not undertaken due to area being excluded with a minimum of 40m buffer.
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	Cool Temperate Rainforest	1.62	1.62	Rainforest EVC (cool temperate rainforest) was identified during the overlay process, mapped inside and adjacent to the northern coupe boundary. Further field verification will be required to confirm presence prior to commencement of harvesting activities.	If Rainforest is identified in the field, buffer in accordance with the VicForests Rainforest Identification Instruction	Rainforest EVC modelled on the northern boundary, a rainforest assessment was not undertaken due to area being excluded with a minimum of 40m buffer.
Threatened EVC within 500m	Cool Temperate Rainforest	19.91	19.91	Rainforest EVC (cool temperate rainforest) was identified during the overlay process, mapped within 500m boundary. Further field verification will be required to confirm presence prior to commencement of harvesting activities	If Rainforest is identified in the field, buffer in accordance with the VicForests Rainforest Identification Instruction	Rainforest EVC modelled on the northern boundary, a rainforest assessment was not undertaken due to area being excluded with a minimum of 40m buffer.
Threatened fauna site in coupe	Not present					

Harvest Unit 483-505-0004-A - Grouser
FOREST OPERATIONS COUPE PLAN - SECTION 4
Forester Section - Coupe Management Actions

Issues identified						
4. Biodiversity	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Threatened fauna site within 500m of coupe	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider species observation record within 500m of coupe boundary.	Apply VicForests Glider Conservation Strategy prescriptions. Retain at least 40% of the basal area of eucalypts across each timber harvesting coupe, prioritising live, hollow bearing trees, wherever a density of Greater Gliders equal to or greater than three individuals per spotlight kilometre (or equivalent measure) is identified.	Approximately 51.45% of the preharvest basal area has been planned for retention. In addition, 2 trees per HBT 1 will be retained as a clump incorporating all mapped and unmapped HBT1's identified.
Threatened flora site within 500m of coupe	* None found *	Not Present	Not Present	No action required		
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.	Approximately 51.45% of the preharvest basal area has been planned for retention. In addition, 2 trees per HBT 1 will be retained as a clump incorporating all mapped and unmapped HBT1's identified.
Threatened Species Observations in coupe	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider species observation record within coupe boundary.	Apply VicForests Glider Conservation Strategy prescriptions. Retain at least 40% of the basal area of eucalypts across each timber harvesting coupe, prioritising live, hollow bearing trees, wherever a density of Greater Gliders equal to or greater than three individuals per spotlight kilometre (or equivalent measure) is identified.	Approximately 51.45% of the preharvest basal area has been planned for retention. In addition, 2 trees per HBT 1 will be retained as a clump incorporating all mapped and unmapped HBT1's identified.
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.	Contractors have a copy and will follow VicForests Koala management instruction, contractors to look / listen and check for fresh scats of Koalas prior to starting each days harvesting to specifically check the immediate area of operation.

Harvest Unit 483-505-0004-A - Grouser
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	Tyto tenebrosica tenebrosica: 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.	Contractors have information on forest owls and any sign of roost trees will be reports to a VicForests represented immediately and appropriate prescriptions 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. Retain at least 40% of the basal area of eucalypts across each timber harvesting coupe, prioritising live, hollow bearing trees, wherever a density of Greater Gliders equal to or greater than three individuals per spotlight kilometre (or equivalent measure) is identified.	Approximately 51.45% of the preharvest basal area has been planned for retention. In addition, 2 trees per HBT 1 will be retained as a clump incorporating all mapped and unmapped HBT's identified.
VF Large Trees in Coupe	None found	Not Present	Not Present	No action required		
VF Large Trees within 500m	Trees 250 - 399 cm	Present	Present	Large tree identified during overlay process within 500m of coupe boundary.	All living trees equal to or greater than 2.5 m DBHOB or 85 m in height are to be retained and protected.	All living trees equal to or greater than 2.5 m DBHOB or 85 m in height will be retained and protected.
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	12.51	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.

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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 within 500m	Watercourse	87.36	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	* None found *	Not Present	Not Present	No action required		
Historic areas within 500m	* None found *	Not Present	Not Present	No action required		
Historic sites in coupe	Historic site	Not Present	Not Present	No action required		
Historic sites within 500m	Historic site	Not Present	Not Present	No action required		
Historic tramway site in coupe	Historic tramway	Present	Present	Tramway detected during overlay within coupe boundary.	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.	A 10m exclusion has been applied to a potential tramway in the northern section of the coupe. If any historic fabric is observed within the coupe it will have appropriate protection measure applied.
Historic tramways site within 500m of coupe	Historic tramway	Present	Present	Tramway detected during overlay within coupe boundary.	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.	A 10m exclusion has been applied to a potential tramway in the northern section of the coupe. If any historic fabric is observed during operations, then the appropriate protection measure will be applied.
Other historical issues	Other historical issues	[n/a]	Not Present	No action required		
6. Landscape	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Foreground issues (0-500m)	* None found *	0.00	0.00	No action required		

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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
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	[n/a]	[n/a]				
Outer issues (6.5k - 12km)	BAW_BAW_ROAD Outer	4.20	0.00	Coupe is within 6.5km-12km of Baw Baw Road. Coupe is potentially visible from this location.	Design timber harvesting operations so that clearfall and skyline notches are not apparent from Baw Baw Road.	Variable retention 1 is proposed for the entirety of the harvest unit. Approximately 51.4% preharvest BA is planned for retention, this will reduce potential visual impacts to the Baw Baw Road.
Outer issues (6.5k - 12km)	MOE_WALHALLA_ROAD Outer	0.82	0.00	Coupe is within 6.5km-12km of Moe-Walhalla Road. Coupe is potentially visible from this location.	Design timber harvesting operations so that clearfall and skyline notches are not apparent from Moe-Walhalla Road.	Variable retention 1 is proposed for the entirety of the harvest unit. Approximately 51.4% preharvest BA is planned for retention, this will reduce potential visual impacts to the Moe - Walhalla Road
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	No action required		
Permanent Growth Plot buffer in coupe	Permanent Growth Plot buffer	Not Present	Not Present	No action required		
8. Weeds, Pests & Disease	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Pests and Disease	None identified	[n/a]	None identified			
Weeds	None identified	[n/a]	None identified			



Harvest Unit 483-505-0004-A - Grouser
FOREST OPERATIONS COUPE PLAN - SECTION 5
Contractor Section - Harvesting Commencement & Completion Declarations

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

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

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



Harvest Unit 483-505-0004-A - Grouser
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 483-505-0004-A - Grouser
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