



Forest Operations Coupe Plan

for

Harvest Unit 317-503-0001-A - Feijoa

Marysville

317 - Big River

Location of coupe centroid

Easting/Northing: (GDA-94)	419484/5839700 Zone 55
VicGrid	2596089/2434397
Latitude/Longitude:	37° 35' 10" S/146° 5' 17" E

This Forest Operations Coupe Plan consists of the following five sections:

- Section 1 - Coupe Description
- Section 2 - Contractor Direction
- Section 3 - Occupational Health and Safety
- Section 4 - Coupe Management Actions
- Section 5 - Harvesting Commencement and Completion Declarations

Plan Preparation and Endorsement

Prepared By	Signed	Date
Peer Reviewed By	Signed	Date
Endorsed By	Signed	Date

End of Forest Operations Coupe Plan Front Page



Harvest Unit 317-503-0001-A - Feijoa
FOREST OPERATIONS COUPE PLAN - SECTION 1
Contractor Section - Coupe Description

Descriptive Information		(also see Part 2: Coupe Map - Operation and Context)		
Forest type	Alpine Ash predominant			
Area of TRP Boundary	35.8			
Area of Harvest Unit (operational area)	9.3			
Regional Forest Agreement	CENTRAL HIGHLANDS			
Forest Management Area	Central			
General aspect	Southerly			
Elevation	1080 meters			
Slope	Minimum 5°; Average 20°; Maximum 35°			
Proportion of the nett coupe area > 20°	41-70 %			
		Horizon A	Horizon B	Horizon C
Soil Erosion Classification		<i>Low</i>	<i>Medium</i>	<i>Medium</i>
Soil Permeability Classification		<i>High</i>	<i>High</i>	-
Overall Soil Category		<i>Low</i>	<i>Low</i>	-
Rock cover exceeds 30% of nett area	No			

Estimated species and volumes			
Product	Grade	Volume	
Alpine Ash	B	533 m ³	
Alpine Ash	C	432 m ³	
Alpine Ash	D	68 m ³	
Alpine Ash	E	426 m ³	
Alpine Ash	H	1278 m ³	
Messmate	B	3 m ³	
Messmate	C	6 m ³	

Estimated species and volumes

Product	Grade	Volume
Messmate	D	2 m ³
Messmate	E	8 m ³
Messmate	H	69 m ³
Mountain Ash	B	166 m ³
Mountain Ash	C	225 m ³
Mountain Ash	D	43 m ³
Mountain Ash	E	355 m ³
Mountain Ash	H	1065 m ³
Mountain Grey Gum	B	5 m ³
Mountain Grey Gum	C	11 m ³
Mountain Grey Gum	D	2 m ³
Mountain Grey Gum	E	11 m ³
Mountain Grey Gum	H	143 m ³

End of Forest Operations Coupe Plan Section 1



Harvest Unit 317-503-0001-A - Feijoa
FOREST OPERATIONS COUPE PLAN - SECTION 2
 Contractor Section - Contractor Direction

Personnel	
VF Officer	
Contractor	
Operational Issues	
Silvicultural Intent	Adaptive Silvicultural Systems
Silviculture system(s)	Clearfelling
Recommended harvesting period	Summer of 2020-2021
Description of the coupe boundaries and method used to locate boundary in the field	-Northern boundary is to established fire break and buffer applied to Frenchmans Spur Track -Eastern boundary is to habitat, slope exclusion and road buffer applied to an un named track -Southern boundary is to VF Reserve (LBP Colony) and slope exclusion. -Western boundary is to Timber Release Plan (TRP) boundary.
Operational constraints	Low Overall Soil Category (Water Quality Risk)
Social Issues	
Identified social issues	
Coupe Access	
Proposed Access	Warburton-Woods Point Road > Frenchmans Spur Track > In Coupe Road to Landing Site
Proposed driveway length to construct	0
Proposed in-coupe road length to construct	150
Proposed in-coupe roading requirements	5D Class Road
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

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Contractor Section - Contractor Direction

	Planned silvicultural system and requirements	<p>Once harvesting is completed, retention islands, clusters and the single corridor will have a mineral earth break constructed around their perimeter to help protect these values from regeneration burning. All type 1 habitat trees will have a 3m cleared area around the base of them, whilst debris will also be minimised around other retained trees across the site. A modified burn strategy may be utilised to avoid excessive scorch and limit their impact on retention islands.</p> <p>Prior to any site preparation activities commencing the coupe will be assessed as to whether natural regeneration through stump coppice and natural seed fall is present post-harvest. If the level of stocking from natural regeneration is not sufficient, a combination of site preparation techniques will be undertaken across the site.</p> <p>If required, a post-harvest low intensity burn will be undertaken to create an adequate seedbed for regeneration activities. Retention islands and isolated habitat trees will aim to be protected from excessive scorch through stage burning. Sections of the harvested area may be compartmentalized to aid in burning techniques, providing it is operationally safe to do so. If protection of these values is deemed to be unsuccessful through a broadcast burn, windrow burning may be implemented. Additional fire trailing may be implemented along boundaries adjacent to SPZ prior to any burning to help better protect these values.</p> <p>This regeneration strategy may be subject to change due to unforeseen factors such as a risk to values being compromised by regeneration burning, or the site being too wet for a satisfactory result. In this case mechanical disturbance followed by sowing and or hand planting will be utilised.</p> <p>Areas where regeneration is already present and established will be protected where possible throughout the harvesting and regeneration activities.</p>
Additional specifications, requirements or instructions		
	Additional specifications, requirements or instructions	
5.	Coupe boundaries	
5.1	Marking a coupe	
5.2	Construction of boundary trails	
5.3	Location of Boundary Trails	
5.4	Converting boundary trail to fire trail	
6.	Excluded areas	



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Contractor Section - Contractor Direction

6.1	Activities in excluded areas	Harvesting activities such as snigging is permitted through retention islands and corridors with the authorisation from a VicForests Officer.
7.	Harvest requirements	
7.1	Retained Trees	<p>Two islands and a corridor (totalling 0.76ha) are located in the harvest area. The retention islands and corridor will be retained to maintain connectivity with the surrounding forested areas. Retention islands and corridors with intact understorey will provide refuge points for fauna and allow the re-establishment of these flora species back into harvested areas.</p> <p>The retention areas including the islands and single corridor will be displayed on a VF tablet along with identified habitat trees which are to be retained if safe to do so. A combination of desktop and field reconnaissance methods were used in determining suitable locations for the retention islands, clusters and corridor. If during harvesting it is determined that there are better areas to place particular islands or retention areas to aid in their protection during harvesting and associated activities including forest regeneration, they will be shifted after authorisation has been granted by the supervising forester.</p> <p>In addition to the islands and corridor, in the Feijoa coupe, clusters of trees will be retained above the planned corridor to provide linkage to the retained vegetation and exclusion area above the harvest boundary.</p> <p>The clusters will be shown on the contactors iPad as a number which indicates the number of trees to be retained as a cluster in the general area.</p>
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	



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

10.2	Blading-off	
10.3	Drainage and rehabilitation	
10.4	Snigging on roads	
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	
13.	Road and construction maintenance	
13.2	Location, design and period of construction	
13.4	Grade	
13.5	Clearing	
13.6	Earthworks	
13.7	Drainage	
13.8	Maintenance	
13.9	Stream and drainage line crossings	
13.11	Closure and rehabilitation of roads	
13.13	Removal and rehabilitation of bridges, crossings and culverts	
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	



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

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	
27.3	Water points	
27.4	Forests hygiene (weeds, pests and disease)	Machine washdown to occur prior to leaving the site due to blackberry infestations. This is undertaken as per VicForests Utilisation Procedures.
27.5	Field Washdown/Cleaning Procedure for Machinery	
All other action will be conducted as per the Utilisation Procedures, unless outlined in the Coupe Diary by a VicForests Officer.		

Habitat Retention Plan

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Contractor Section - Contractor Direction

Habitat Description and Marking	<p>Adapting to pre-harvest survey information, plot data and other values, the coupe will be harvested under Clear-fell with retention silviculture system. Harvesting contractor will be briefed on identification of HBTs and HCVs, as well as the retention strategy objective for this coupe.</p> <p>Type 1, 2 and 3 habitat trees have been identified and will be retained where safe to do so. All type 1 trees will be retained and have 4 recruitment trees retained adjacent where safe to do so. Supressed, unmerchantable and trees with habitat features will be left if operationally safe and practical to do so.</p> <p>Two islands and a corridor (totalling 0.76ha) are located in the harvest area. The retention islands and corridor will be retained to maintain connectivity with the surrounding forested areas. Retention islands and corridors with intact understorey will provide refuge points for fauna and allow the re-establishment of these flora species back into harvested areas.</p> <p>The retention areas including the islands and single corridor will be displayed on a VF tablet along with identified habitat trees which are to be retained if safe to do so. A combination of desktop and field reconnaissance methods were used in determining suitable locations for the retention islands, clusters and corridor. If during harvesting it is determined that there are better areas to place particular islands or retention areas to aid in their protection during harvesting and associated activities including forest regeneration, they will be shifted after authorisation has been granted by the supervising forester.</p> <p>In addition to the islands and corridor, in the Feijoa coupe, clusters of trees will be retained above the planned corridor to provide linkage to the retained vegetation and exclusion area above the harvest boundary.</p> <p>The clusters will be shown on the contactors iPad as a number which indicates the number of trees to be retained as a cluster in the general area.</p>
Habitat trees will be retained...	Scenario
<ul style="list-style-type: none"> . Outside the harvesting tapes, but within the 'gross coupe boundary' . As individual trees along the edge, outside the harvested area . As individual trees, scattered throughout the coupes . In patch(es)/clump(s) within the harvested area . To serve as seed trees also . Other requirements 	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>No</p> <p>No</p>



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

Other requirements

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** See variation page for marking procedure.*

End of Forest Operations Coupe Plan Section 2



Harvest Unit 317-503-0001-A - Feijoa
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	Identified stags and other hazardous trees have been highlighted in the operations map.	
Other aerial hazards	Identified stags and other hazardous trees have been highlighted in the operations map.	
Percentage of tress containing a high proportion of dead limbs (i.e. mature-age, psyllid, drought or fire affected)	15 % if > 50% handfall not allowed as main harvest method.	
Percentage of the trees having mature interlocked crowns	10 % if > 50% handfall not allowed as main harvest method.	
Ground Hazard		
Slope	Coupe has steep slopes (20-30 degrees). Areas over 30 degrees slope have been excluded from the harvest unit.	
Rock	Moderate level of surface rock noted through the harvest area	
Rock Faces	[None]	
Morganers	[None]	
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	Traffic management to be implemented when necessary.	
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	[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 317-503-0001-A - Feijoa
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	35.76	35.76	Coupe is within Zone 3 - Landscape Management Zone (LMZ)	No restrictions on timber harvesting or regeneration activities.	Fuel Hazard assessment to be completed within 12 months of harvesting completion to determine Overall Fuel Hazard rating.
Forest Management Zone within 200m	CFP : Code of Forest Practice	Present	Present	Modelled Code of Practice for Timber Production exclusion areas within 200m of coupe boundary.	Protection requirements will be determined during field marking of the coupe in accordance with the VicForests Operating Procedures and Code of Practice for Timber Production.	
Forest Management Zone within 200m	GMZ : General Management Zone	Present	Present	General Management Zone (GMZ) within 200m of coupe boundary.	Operations will be in accordance with the Code of Practice for Timber Production.	
Forest Management Zone within 200m	SPZ : Special Protection Zone	Present	Present	Special Protection Zone (SPZ) 320/05 (linear reserve) located 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.	Coupe boundary has been marked adjacent to SPZ using a GPS to confirm location. Marked boundary has been signed off by Senior Forester. No harvesting will occur within the SPZ.
Forest Management Zone within 500m	CFP : Code of Forest Practice	Present	Present	Modelled Code of Practice for Timber Production exclusion areas within 500m of coupe boundary.	Protection requirements will be determined during field marking of the coupe in accordance with the VicForests Operating Procedures and Code of Practice for Timber Production.	
Forest Management Zone within 500m	GMZ : General Management Zone	Present	Present	General Management Zone (GMZ) within 500m of coupe boundary.	Operations will be in accordance with the Code of Practice for Timber Production.	
Forest Management Zone within 500m	SPZ : Special Protection Zone	Present	Present	Special Protection Zone (SPZ) 320/05 (linear reserve) located 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.	



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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 coupe	CFP : Code of Forest Practice	9.60	9.60	Modelled Code of Practice for Timber Production exclusion areas within gross coupe boundary.	Protection requirements will be determined during field marking of the coupe in accordance with the VicForests Operating Procedures and Code of Practice for Timber Production.	Where harvesting is in proximity of streams a minimum of 20m buffers and 10m filters have been applied in the field. Boundaries are marked using blue flagging tape. No harvesting of slopes >30 degrees to occur.
Forest Management Zone within coupe	GMZ : General Management Zone	26.15	26.15	General Management Zone within gross coupe boundary.	Operations will be in accordance with the Code of Practice for Timber Production.	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	[n/a]	[n/a]				
Permanent fire break in coupe	Constructed	503.18	503.18	Existing Permanent Strategic Fire Break situated adjacent coupe boundary along Frenchmans Spur 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.	Post harvest, existing Strategic Fuelbreaks or Strategic Fue breaks constructed prior to the harvesting operations are to be restored to the Pre-Harvesting condition.
Permanent fire break within 500m of coupe	Constructed	1075.04	1075.00	Existing Permanent Strategic Fire Break situated within 500m of coupe boundary along Frenchmans Spur 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.	Post harvest, existing Strategic Fuelbreaks or Strategic Fue breaks constructed prior to the harvesting operations are to be restored to the Pre-Harvesting condition.
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	EVC_OGRO_BUF	0.10	0.10	VicForests Reserve VFSMP87 (LBPAAG - Modelled Old Growth Protection) located within 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 area excluded from harvest boundary. Coupe boundary has been marked adjacent to VF Reserve using a GPS to confirm location. Marked boundary has been signed off by Senior Forester. No harvesting will occur within the VF Reserve Area.



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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
VF Reserve in coupe	LBPAG - Modelled Old Growth Protection	0.00	0.04	VicForests Reserve VFSMP87 (LBPAG - Modelled Old Growth Protection) located within 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 area excluded from harvest boundary. Coupe boundary has been marked adjacent to VF Reserve using a GPS to confirm location. Marked boundary has been signed off by Senior Forester. No harvesting will occur within the VF Reserve Area.
VF Reserve in coupe	LBPAG - LBP Known Colony Protection Reserve	25.02	25.02	VicForests Reserve VFSMP64 (LBPAG - New colony detection reserve) located within 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 area excluded from harvest boundary. Coupe boundary has been marked adjacent to VF Reserve using a GPS to confirm location. Marked boundary has been signed off by Senior Forester. No harvesting will occur within the VF Reserve Area.
VF Reserve within 500m	EVC_OGRO_BUF	13.70	13.70	VicForests Reserve VFSMP87 (LBPAG - Modelled Old Growth Protection) located within 500m of 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 area excluded from harvest boundary. Coupe boundary has been marked adjacent to VF Reserve using a GPS to confirm location. Marked boundary has been signed off by Senior Forester. No harvesting will occur within the VF Reserve Area.
VF Reserve within 500m	LBPAG - Modelled Old Growth Protection	0.00	13.45	VicForests Reserve VFSMP87 (LBPAG - Modelled Old Growth Protection) located within 500m of 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 area excluded from harvest boundary. Coupe boundary has been marked adjacent to VF Reserve using a GPS to confirm location. Marked boundary has been signed off by Senior Forester. No harvesting will occur within the VF Reserve Area. VF Reserve area excluded from harvest boundary.
VF Reserve within 500m	LBPAG - LBP Known Colony Protection Reserve	34.34	34.34	VicForests Reserve VFSMP64 (LBPAG - New colony detection reserve) located within 500m of 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 area excluded from harvest boundary. Coupe boundary has been marked adjacent to VF Reserve using a GPS to confirm location. Marked boundary has been signed off by Senior Forester. No harvesting will occur within the VF Reserve Area.
VF SMA in coupe	* None found *	0.00	0.00	No action required		
VF SMA within 500m	* None found *	0.00	0.00	No action required		
Walking track in coupe	Walking track	Not Present	Not Present	No action required		
Walking track within 500m of coupe	Walking track	Not Present	Not Present	No action required		



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FOREST OPERATIONS COUPE PLAN - SECTION 4
Forester Section - Coupe Management Actions

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	32.90	32.90	Coupe overlay indicates 32.90ha of Ash Species within the gross coupe boundary.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.
Allocation Order Stratum	Mixed Species	2.86	2.86	Coupe overlay indicates 2.86ha of Mixed Species within the gross coupe boundary.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.	Harvest 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	UPPER GOULBURN	35.76	35.76	Coupe located within Upper Goulbourn water supply catchment.	Upper Gou burn catchment restrictions: No harvesting slopes >30 degrees.	Where harvesting is in proximity of streams a minimum of 20m buffers and 10m filters have been applied in the field. Boundaries are marked using blue flagging tape. No harvesting of slopes >30 degrees to occur.
Designated Water Supply Catchment within 500m	UPPER GOULBURN	204.98	204.98	Coupe located within Upper Goulbourn water supply catchment.	Upper Gou burn catchment restrictions: No harvesting slopes >30 degrees.	Where harvesting is in proximity of streams a minimum of 20m buffers and 10m filters have been applied in the field. Boundaries are marked using blue flagging tape. No harvesting of slopes >30 degrees to occur.
Other water issues	Other water issues	[n/a]	Not Present	No action required		
Slope Class within coupe	0-20 Degrees	8.54	8.54	Gross coupe area contains 8.54ha of slope between 0-20 degrees.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures.
Slope Class within coupe	20-25 Degrees	5.94	5.94	Gross coupe area contains 5.94ha of slope between 20-25 degrees.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures.
Slope Class within coupe	25-30	9.62	9.62	Gross coupe area contains 9.62ha of slope between 25-30 degrees.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures.
Slope Class within coupe	30+	11.65	11.65	Gross coupe area contains 11.65ha of slope >30 degree slope.	Upper Gou burn catchment restrictions: No harvesting slopes >30 degrees.	No harvesting of slopes >30 degrees. Field assessment and GIS spatial analysis was used to identify areas of slope >30 degrees that were excluded from the harvest area.

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FOREST OPERATIONS COUPE PLAN - SECTION 4
Forester Section - Coupe Management Actions

Issues identified						
3. Soil and Water	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
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 2.2.1 of the Code of Practice for Timber production (2014).	Code (2014) requirements 2.2.1 will be followed during the Timber Harvesting Operation.
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	Old Growth Forest	0.94	0.94	VicForests Reserve VFSMP87 (LBPAG - Modelled Old Growth Protection) located within 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 area excluded from harvest boundary. Coupe boundary has been marked adjacent to VF Reserve using a GPS to confirm location. Marked boundary has been signed off by Senior Forester. No harvesting will occur within the VF Reserve Area. Outside the VF Reserve area, further Old Growth Assessments have been undertaken in the coupe, no Old Growth Forest was identified in the coupe area.

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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
Old Growth Forest within 500m	Old Growth Forest	Present	Present	VicForests Reserve VFSMP87 (LBPAAG - Modelled Old Growth Protection) located within 500m of 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 area excluded from harvest boundary. Coupe boundary has been marked adjacent to VF Reserve using a GPS to confirm location. Marked boundary has been signed off by Senior Forester. No harvesting will occur within the VF Reserve Area. Outside the VF Reserve area, further Old Growth Assessments have been undertaken in the coupe, no Old Growth Forest was identified in the coupe area.
Other biodiversity issues	Other biodiversity issues	[n/a]	Not Present	No action required		
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		
Rainforest within 500m	None found	0.00	0.00	No action required		
Reference Area within 500m of coupe	Reference area	Not Present	Not Present	No action required		
Spotted Tree Frog catchment in coupe		Present	Present	Coupe located within Taponga greater STF catchment, but not within 1km of known STF sites and not within STF Management Zones. Considerations will be taken into account regarding the protection of in-stream habitat for any road construction or stream crossing requirements.	Construction of stream crossings should be minimised and any new roads should be located at least 50m from any stream unless there are sediment management operations in place to prevent sediments from entering streams.	No stream crossings are required as a part of this operation.



Harvest Unit 317-503-0001-A - Feijoa
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 catchment within 500m		Present	Present	Coupe located within Taponga greater STF catchment, but not within 1km of known STF sites and not within STF Management Zones. Considerations will be taken into account regarding the protection of in-stream habitat for any road construction or stream crossing requirements.	Construction of stream crossings should be minimised and any new roads should be located at least 50m from any stream unless there are sediment management operations in place to prevent sediments from entering streams.	No stream crossings are required as a part of this operation.
Spotted Tree Frog in coupe	* None found *	Not Present	Not Present	No action required		
Spotted Tree Frog within 500m	* None found *	Not Present	Not Present	No action required		
Threatened EVC in coupe	* None found *	0.00	0.00	No action required		
Threatened EVC within 500m	* None found *	0.00	0.00	No action required		
Threatened fauna site in coupe	* None found *	Not Present	Not Present	No action required		
Threatened fauna site within 500m of coupe	Tyto novaehollandiae novaehollandiae: Masked Owl	Present	Present	Masked 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 250m 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.	Foresters and harvesting contractors to be vigilant for potential roosting or nesting sites. If identified operations must cease immediately within a 250m 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.



Harvest Unit 317-503-0001-A - Feijoa
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	Gymnobelideus leadbeateri: Leadbeater's Possum Colony	Present	Present	Leadbeaters Possum species observation record within 500m of coupe boundary.	Verified LBP Colony detections are protected by a 200m Buffer VF Reserve (pending zoning to SPZ). 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 or associated activities will occur within the VF Reserve.	Coupe boundary has been marked adjacent to VF Reserve associated with LBP Colony detection using a GPS to confirm location. Marked boundary has been signed off by Senior Forester. No harvesting will occur within the VF Reserve Area.
Threatened flora site within 500m of coupe	* None found *	Not Present	Not Present	No action required		
Threatened Species Observations in coupe	Gymnobelideus leadbeateri: Leadbeater's Possum	Present	Present	Leadbeaters Possum species observation record within coupe boundary.	LBP Colonies have been protected by a 200m buffer in VicForests Reserve VFSMP64. 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 or associated activities will occur within the VF Reserve.	Coupe boundary has been marked adjacent to VF Reserve associated with LBP Colony detection using a GPS to confirm location. Marked boundary has been signed off by Senior Forester. No harvesting will occur within the VF Reserve Area.
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 HCV management system. Prioritise the largest, live, hollow-bearing trees for habitat retention.	Multiple sightings (2) are outside the Timber Release Plan (TRP) boundary of the coupe and are located more than 500m from the harvest area of the coupe.
Threatened Species Observations within 500m of coupe	Gymnobelideus leadbeateri: Leadbeater's Possum	Present	Present	Leadbeaters Possum species observation record within 500m of coupe boundary.	LBP Colonies have been protected by a 200m buffer in VicForests Reserve VFSMP64. 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 or associated activities will occur within the VF Reserve.	Coupe boundary has been marked adjacent to VF Reserve associated with LBP Colony detection using a GPS to confirm location. Marked boundary has been signed off by Senior Forester. No harvesting will occur within the VF Reserve Area.
VF Large Trees in Coupe	None found	Not Present	Not Present	No action required		
VF Large Trees within 500m	None found	Not Present	Not Present	No action required		

Harvest Unit 317-503-0001-A - Feijoa
FOREST OPERATIONS COUPE PLAN - SECTION 4
Forester Section - Coupe Management Actions

Issues identified						
5. Historical	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Aboriginal Cultural Sensitivity Area in coupe	* None found	0.00	0.00	No action required		
Aboriginal Cultural Sensitivity Area within 500m	Watercourse	36.16	36.16	Area of Cultural Sensitivity within 500m of coupe boundary identified in the overlay process.	Consultation to occur with Registered Aboriginal Party (Taungurung Land and Waters Council Aboriginal Corporation) prior to commencement of harvesting activities.	Consultation to occur with Registered Aboriginal Party (Taungurung Land and Waters Council Aboriginal Corporation) prior to commencement of harvesting activities.
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	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	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		
Landscape Issues in coupe	* None found *	0.00	0.00	No action required		
Middleground issues (500m-6.5k)	WARBURTON_WOODS_POINT_ROAD Middleground	10.68	10.68	Coupe overlay has identified 10.68ha of the coupe is within Foreground distance of Warburton-Woods Point Road and is potentially visible.	Visual amenity has been compromised by the constructed strategic fire break. Manage timber harvesting operations to ensure landscape alterations are only subtly apparent within 5 years of the operation and shape, position and time timber harvesting operations and new roads to minimise their visual impact. Plan to complete harvest within one season and regenerate as soon as possible.	
Other landscape issues	Other landscape issues	[n/a]	Not Present	No action required		

Harvest Unit 317-503-0001-A - Feijoa
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
Outer issues (6.5k - 12km)	WARBURTON_WOODS_POINT_ROAD Outer	19.65	19.65	Coupe overlay has identified 19.65ha of the coupe is within Foreground distance of Warburton-Woods Point Road and is potentially visible.	Visual amenity has been compromised by the constructed strategic fire break. A notch is already present along the skyline. No further action required.	
7. Research	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Leadbeater's Possum research sites in coupe	Leadbeater's Possum monitoring site	Not Present	Not Present	No action required		
Leadbeater's Possum research sites within 500m	Leadbeater's Possum monitoring site	Not Present	Not Present	No action required		
Other research issues	Other research issues	[n/a]	Not Present	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	Blackberry	[n/a]	Scattered	Scattered blackberry throughout coupe, more abundant adjacent to Frenchmans Spur Track and an old industry road to the east of the coupe boundary.	Where possible, minimise the spread within the coupe by avoiding machine movement through infested areas. Direct contractor to wash down machinery prior to departure from the coupe, following washdown directions and procedures as outlined in VicForests Utilisation Procedures.	Contractor is to wash down machines prior to departing coupe as per directions and procedures outlined in VicForests Utilisation Procedures. Where blackberry infestations are identified in the harvest area, DELWP will be notified for treatment and spraying.
<i>End of Forest Operations Coupe Plan Section 4</i>						



Harvest Unit 317-503-0001-A - Feijoa
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 317-503-0001-A - Feijoa
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 317-503-0001-A - Feijoa
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