



# Forest Operations Coupe Plan

for

Harvest Unit 312-510-0005-A - Huggy Bear

Marysville

312 - Torbreck River

## Location of coupe centroid

Easting/Northing: (GDA-94)	405988/5848875 Zone 55
VicGrid	2582787/2443857
Latitude/Longitude:	37° 30' 8" S/145° 56' 11" 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 312-510-0005-A - Huggy Bear**  
**FOREST OPERATIONS COUPE PLAN - SECTION 1**  
 Contractor Section - Coupe Description

Descriptive Information		(also see Part 2: Coupe Map - Operation and Context)		
Forest type	Mountain mixed species			
Area of TRP Boundary	28.8			
Area of Harvest Unit (operational area)	6.7			
Regional Forest Agreement	CENTRAL HIGHLANDS			
Forest Management Area	Central			
General aspect	Westerly			
Elevation	1000 meters			
Slope	Minimum 15°; Average 25°; Maximum 35°			
Proportion of the nett coupe area > 20°	41-70 %			
		Horizon A	Horizon B	Horizon C
Soil Erosion Classification		<i>Medium</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	
Messmate			
Mountain Grey Gum			
Narrow-leaved Peppermint			
Messmate	B	47 m <sup>3</sup>	
Messmate	C	94 m <sup>3</sup>	
Messmate	D	94 m <sup>3</sup>	
Messmate	E	295 m <sup>3</sup>	

## Estimated species and volumes

<b>Product</b>	<b>Grade</b>	<b>Volume</b>	
Messmate	H	440 m <sup>3</sup>	
Mountain Grey Gum	E	1 m <sup>3</sup>	
Mountain Grey Gum	H	8 m <sup>3</sup>	
Narrow-leaved Peppermint	D	4 m <sup>3</sup>	
Narrow-leaved Peppermint	E	4 m <sup>3</sup>	
Narrow-leaved Peppermint	H	7 m <sup>3</sup>	

*End of Forest Operations Coupe Plan Section 1*



**Harvest Unit 312-510-0005-A - Huggy Bear**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
 Contractor Section - Contractor Direction

Personnel	
VF Officer	
Contractor	
Operational Issues	
Silvicultural Intent	Adaptive Silvicultural Systems
Silviculture system(s)	Seed Tree (includes retained overwood)
Recommended harvesting period	Summer of 2020-2021
Description of the coupe boundaries and method used to locate boundary in the field	Northern boundary is 10m harvest exclusion off a dry depression/ merchantable forest. Southern boundary is harvesting regeneration/ TRP boundary. Eastern boundary is merchantable forest. Western boundary is LBP SPZ and 20m visual buffer off Sandstone Rd.  GPS, hipchain & range finder were used to mark the coupe. Harvest boundary is marked in blue flagging tape and will be displayed on the contractors iPad.
Operational constraints	
Social Issues	
Identified social issues	High interest area nearby - Blue Range. TRP boundary and surrounding areas contain Leadbeater's Possum records
Coupe Access	
Proposed Access	Eildon Warburton Road => Sandstone Road
Proposed driveway length to construct	0
Proposed in-coupe road length to construct	30
Proposed in-coupe roading requirements	Small in-coupe road through 20m Visual Buffer off Sandstone Road to a suitable landing location.
Proposed number of stream crossings	0
Proposed number of landings	1



**Harvest Unit 312-510-0005-A - Huggy Bear**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
 Contractor Section - Contractor Direction

Environmental and operational specification Standard		
All operations to be conducted in accordance with the Code of Practice for Timber Production 2014 and VicForests Utilisation Procedures except where additional specifications or variations are specified below. Where there is no comment (ie the column is blank), it should be read ' <i>No variation to the standard procedure</i> '.		
Environmental & Operational Elements		Variations, amendments or additional instructions
Utilisation Procedures Section		
<b>Planned silvicultural system and requirements</b>		
	Planned silvicultural system and requirements	<p>Post harvesting a Eucalypt Stock Survey (ESS) may be conducted across the site to determine the amount of regeneration from natural seed fall and stump coppice. This will indicate if site preparation is required in any parts of the coupe.</p> <p>If site preparation is required, it is proposed that a regeneration burn is undertaken across the required area of the site to produce a receptive seedbed. Where the regeneration burn is undertaken retained seed and habitat trees will have harvesting debris cleared from around the bole to a distance of 3m. Islands will be fire trailed. A modified burn strategy will be utilised to avoid excessive scorch on the retained values across the site.</p> <p>This regeneration strategy may be subject to change due to unforeseen factors, such as risk of burning retained coupe values or site conditions being too wet. Alternatively, mechanical disturbance followed by aerial sowing may be used.</p>
<b>Additional specifications, requirements or instructions</b>		
	Additional specifications, requirements or instructions	
<b>5.</b>	<b>Coupe boundaries</b>	
5.1	Marking a coupe	
5.2	Construction of boundary trails	
5.3	Location of Boundary Trails	



**Harvest Unit 312-510-0005-A - Huggy Bear**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
**Contractor Section - Contractor Direction**

5.4	Converting boundary trail to fire trail	
<b>6.</b>	<b>Excluded areas</b>	
6.1	Activities in excluded areas	Harvesting activities such as snigging is permitted through retention islands with the authorisation from a Vicforests Officer.
<b>7.</b>	<b>Harvest requirements</b>	
7.1	Retained Trees	Seed trees will be retained at a minimum density of 8 trees per ha (35m spacings). Suppressed regrowth and younger trees that are unmerchantable due to size will also be left where possible for recruitment.
7.2	Large Tree Protection	
7.3	Trees to be felled	
7.4	Stump heights	
7.6	Coupe utilisation requirements	
<b>9.</b>	<b>Thinning requirements</b>	
9.2	Trees to be retained	
9.3	Thinning method	
9.4	Damage	
<b>10.</b>	<b>Extraction tracks within coupes</b>	
10.1	Location of Extraction Tracks	
10.2	Blading-off	
10.3	Drainage and rehabilitation	
10.4	Snigging on roads	
10.5	Stream crossings	
<b>12.</b>	<b>Landings</b>	



**Harvest Unit 312-510-0005-A - Huggy Bear**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
**Contractor Section - Contractor Direction**

12.1	Location of landings	Access will occur from Sandstone Road. A short in coupe road will be constructed to a suitable landing location determined by the supervising forester and harvesting contractor. The coupe road will be constructed through the 20m road buffer along Sandstone Road, crossing at a location which is safe and operationally suitable whilst minimising disturbance to the retained buffer.
12.2	Construction and maintenance of landings	
12.5	Bark disposal	
12.7	Rehabilitation	
<b>13.</b>	<b>Road and construction maintenance</b>	
13.2	Location, design and period of construction	
13.4	Grade	
13.5	Clearing	
13.6	Earthworks	
13.7	Drainage	
13.8	Maintenance	
13.9	Stream and drainage line crossings	
13.11	Closure and rehabilitation of roads	
13.13	Removal and rehabilitation of bridges, crossings and culverts	
<b>14.</b>	<b>Quarries, borrow pits and fill disposal areas</b>	
14.0	Quarries, borrow pits and fill disposal areas	
<b>15.</b>	<b>Preparation, measurement, grading and extraction of logs</b>	
15.2	Log preparation	
<b>21.</b>	<b>Carting logs</b>	
21.1	Carting logs - general obligations of the driver	
<b>23.</b>	<b>Weather restrictions</b>	



**Harvest Unit 312-510-0005-A - Huggy Bear**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
Contractor Section - Contractor Direction

23.0	Weather restrictions	
<b>26.</b>	<b>Sorting and using fuel and servicing machinery</b>	
26.1	Fuel location	
26.2	Fuel precautions	
<b>27.</b>	<b>Camp sites, waste disposal and forest hygiene</b>	
27.1	Camp sites	
27.3	Water points	
27.4	Forests hygiene (weeds, pests and disease)	
27.5	Field Washdown/Cleaning Procedure for Machinery	
<b>All other action will be conducted as per the Utilisation Procedures, unless outlined in the Coupe Diary by a VicForests Officer.</b>		

Habitat Retention Plan



**Harvest Unit 312-510-0005-A - Huggy Bear**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
**Contractor Section - Contractor Direction**

<p><b>Habitat Description and Marking</b></p>	<p>Silvicultural Intent:          Adapting to pre-harvest survey information, plot data and other values the coupe will be harvested under the silvicultural system Seed Tree with Retention (STR). Harvest contractors will be briefed on identification of HBTs and HCVs, as well as the retention strategy objective for this coupe.</p> <p>Seed Tree Retention (STR), 6.7 ha:          6.7ha will be harvested under the Seed Tree with Retention silvicultural system. Seed trees will be retained at a minimum density of 8 trees per ha (35m spacings).</p> <p>Multiple Type 1 habitat trees in the coupe been excluded from the harvest unit in increased buffers and retained islands, if others are identified in the harvest unit they will be retained where safe to do so. Each Type 1 habitat tree identified will have an additional 4 trees (preferable type 2 or 3) retained adjacent for recruitment of hollows. Suppressed regrowth and younger trees that are unmerchantable due to size will be left where possible for recruitment</p> <p>Islands will be retained within the STR harvest area. There are two islands and one peninsula, which total 0.39ha in size. Mixed species forest and understorey species will be retained. The islands are strategically situated around Greater Glider detections and habitat trees. These islands will be displayed on a VF tablet within the harvesting machine along with identified habitat trees which are to be retained if safe to do so. If during harvesting it is determined that there are more suitable areas to place the islands to aid in protection whilst conducting regeneration activities, they will be shifted after authorisation has been granted by the supervising forester. All islands will be fire trailed to minimise risk of burning whilst conducting the selected regeneration strategy.</p>															
<p><b>Habitat trees will be retained...</b></p> <ul style="list-style-type: none"> <li>. Outside the harvesting tapes, but within the 'gross coupe boundary'</li> <li>. As individual trees along the edge, outside the harvested area</li> <li>. As individual trees, scattered throughout the coupes</li> <li>. In patch(es)/clump(s) within the harvested area</li> <li>. To serve as seed trees also</li> <li>. Other requirements</li> </ul>	<table border="1"> <thead> <tr> <th align="center" colspan="2"><b>Scenario</b></th> </tr> </thead> <tbody> <tr> <td align="center" colspan="2">Yes</td> </tr> <tr> <td align="center" colspan="2">Yes</td> </tr> <tr> <td align="center" colspan="2">Yes</td> </tr> <tr> <td align="center" colspan="2">Yes</td> </tr> <tr> <td align="center" colspan="2">Yes</td> </tr> <tr> <td align="center" colspan="2">No</td> </tr> </tbody> </table>		<b>Scenario</b>		Yes		Yes		Yes		Yes		Yes		No	
<b>Scenario</b>																
Yes																
Yes																
Yes																
Yes																
Yes																
No																
<p><b>Other requirements</b></p>																



**Harvest Unit 312-510-0005-A - Huggy Bear**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
Contractor Section - Contractor Direction

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*\* See variation page for marking procedure.*

*End of Forest Operations Coupe Plan Section 2*



**Harvest Unit 312-510-0005-A - Huggy Bear**  
**FOREST OPERATIONS COUPE PLAN - SECTION 3**  
**Contractor Section - Coupe Occupational Health and Safety**

Hazard Type	Comments on the identified hazard where the hazard exceeds that normally expected	Hazard adequately addressed within Contractor's Safety Management System?
Was a field-based hazard assessment done?	<b>Yes</b> / <b>No</b>	
<b>Arial Hazard</b>		
Stags	[None]	
Other aerial hazards	[None]	
Percentage of tress containing a high proportion of dead limbs (i.e. mature-age, psyllid, drought or fire affected)	10 % if > 50% handfall not allowed as main harvest method.	
Percentage of the trees having mature interlocked crowns	5 % if > 50% handfall not allowed as main harvest method.	
<b>Ground Hazard</b>		
Slope	[None]	
Rock	[None]	
Rock Faces	[None]	
Morganers	[None]	
Other Ground Hazards	[None]	
Have any mineshafts been located? If yes, GPS location and include coupe map.	[None]	
<b>Access Roads/Landings</b>		
Grade	[None]	
Width	[None]	
Traffic & Falling Ops	High amount of traffic on Sandstone Road.	
Access	[None]	



**Harvest Unit 312-510-0005-A - Huggy Bear**  
**FOREST OPERATIONS COUPE PLAN - SECTION 3**  
 Contractor Section - Coupe Occupational Health and Safety

Are there hazardous trees adjacent trees to the roads that should be removed?	[None]	
<b>Fire</b>	[None]	
<b>Hand Falling</b>	[None]	
<b>Other</b>	[None]	
Is there any power lines/cables in or around coupe?	[None]	
Are there neighbours that will need to be notified of operations?	[None]	
Safety Comments		

Additional hazards identified				
<i><b>Describe hazard</b></i>	<i><b>Action Required</b></i>	<i><b>Responsible person</b></i>	<i><b>Date Required</b></i>	<i><b>Complete Y/N</b></i>

*End of Forest Operations Coupe Plan Section 3*



**Harvest Unit 312-510-0005-A - Huggy Bear**  
**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	-1	Present	Present	Unzoned Apiary site located within 1600 metres south-east of the coupe boundary.	Apiary site is not within or adjacent to coupe boundary and will not be affected by harvesting. No further action.	
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	28.76	28.76	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.	No action required.	
Forest Management Zone within 200m	GMZ : General Management Zone	Present	Present	General Management Zone adjacent to coupe boundary.	No action required.	
Forest Management Zone within 200m	SPZ : Special Protection Zone	Present	Present	Special Protection Zone (SPZ) 312/04 is located within 180 metres north of the proposed gross coupe boundary. The value is Cool Temperate Rainforest.	SPZ is not within or adjacent to coupe boundary and will not be affected by harvesting. No further action.	
Forest Management Zone within 500m	CFP : Code of Forest Practice	Present	Present	Modelled Code of Practice for Timber Production exclusion areas adjacent to coupe boundary.	No action required.	
Forest Management Zone within 500m	GMZ : General Management Zone	Present	Present	General Management Zone adjacent to coupe boundary.	No action required.	
Forest Management Zone within 500m	SPZ : Special Protection Zone	Present	Present	Special Protection Zones (SPZ) 312/02 and 312/03 located within 380 metres east and west of the proposed gross coupe boundary respectively. The values are Sooty Owl habitat protection and Leadbeaters Possum, Cool Temperate RainFst, RFSOS State significance priority area, Old-growth (Montane Wet Fst), LBP Colony.	SPZs are not within or adjacent to coupe boundary and will not be affected by harvesting. No further action.	



**Harvest Unit 312-510-0005-A - Huggy Bear**  
**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	1.24	1.24	Modelled Code of Practice for Timber Production exclusion areas within gross coupe boundary. The proposed gross coupe area contains 1 temporary stream and 2 drainage lines, and a 2ha area of >30 degree slope.	Protection requirements will be determined during field marking of the coupe in accordance with the VicForests Procedures Regulatory Handbook, Code of Practice for Timber Production and Upper Gou burn Catchment restrictions of minimum 20m buffers and 10m filters and no harvesting slopes >30 degrees.	No slopes >30 degrees were identified within the nett harvest area. One dry depression has been identified on the northern boundary. This stream has had a 10m buffer applied where steep banks are present.
Forest Management Zone within coupe	GMZ : General Management Zone	22.28	22.28	General Management Zone within gross coupe boundary.	Operations will be in accordance with the Code of Practice for Timber Production.	
Forest Management Zone within coupe	SPZ : Special Protection Zone	5.24	5.24	Special Protection Zone (SPZ) 312/23 (LBP Colony) located within gross coupe boundary.	SPZ boundary to be confirmed and marked in the field using a GPS, compass, hip chain and/or range finder. Boundary to be signed off by Senior Forester prior to harvesting commencement. No harvesting will occur within the SPZ.	SPZ has been excluded from harvest area. Senior Forester has approved coupe boundary adjacent to SPZ boundary. No further action required.
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		
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	LBPAG - LBP Known Colony Protection Reserve	5.24	5.24	VicForests Reserve VFSMP64 (LBP Colony Protection Reserve) located within coupe boundary.	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.	Boundary has been marked adjacent to VicForests Reserve VFSMP64. Boundary has been signed off by Senior Forester. No harvesting will occur within the VF reserve.

**Harvest Unit 312-510-0005-A - Huggy Bear**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
1. Situation	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
VF Reserve within 500m	LBPAG - LBP Known Colony Protection Reserve	14.25	10.58	VicForests Reserve VFSMP64 (LBP Colony Protection Reserve) located adjacent coupe boundary.	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.	Boundary has been marked adjacent to VicForests Reserve VFSMP64. Boundary has been signed off by Senior Forester. No harvesting will occur within the VF reserve.
VF SMA in coupe	* None found *	0.00	0.00	No action required		
VF SMA within 500m	* None found *	0.00	0.00	No action required		
Walking track in coupe	Walking track	Not Present	Not Present	No action required		
Walking track within 500m of coupe	Walking track	Not Present	Not Present	No action required		
2. Stand	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Allocation Order Stratum	Ash	0.48	0.48	Coupe overlay indicates 0.48ha 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	28.28	28.28	Coupe overlay indicates 28.28ha 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	28.76	28.76	Coupe is located within Upper Goulburn water supply catchment.	Upper Gou burn catchment restrictions: No harvesting slopes >30 degrees. Apply minimum buffer widths of 20m and filter widths of 10m. No seasonal closure restriction to harvesting and associated activities.	No slopes >30 degrees were identified within the nett harvest area. One dry depression has been identified on the northern boundary. This stream has had a 10m buffer applied where steep banks are present

**Harvest Unit 312-510-0005-A - Huggy Bear**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
3. Soil and Water	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Designated Water Supply Catchment within 500m	UPPER GOULBURN	192.21	192.21	Coupe is located within Upper Goulburn water supply catchment.	Upper Gou burn catchment restrictions: No harvesting slopes >30 degrees. Apply minimum buffer widths of 20m and filter widths of 10m. No seasonal closure restriction to harvesting and associated activities.	No slopes >30 degrees were identified within the nett harvest area. One dry depression has been identified on the northern boundary. This stream has had a 10m buffer applied where steep banks are present
Other water issues	[n/a]	[n/a]				
Slope Class within coupe	0-20 Degrees	12.52	12.52	Gross coupe area contains 12.52ha 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	8.81	8.81	Gross coupe area contains 8.81ha 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	5.52	5.52	Gross coupe area contains 5.52ha 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+	1.90	1.90	Gross coupe area contains 1.90ha of slope >30 degree slope.	Upper Gou burn catchment restrictions: No harvesting slopes >30 degrees.	No slopes >30 degrees were identified within the nett harvest area. One dry depression has been identified on the northern boundary. This stream has had a 10m buffer applied where steep banks are present.
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.	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.
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		



**Harvest Unit 312-510-0005-A - Huggy Bear**  
**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	Not Present	Not Present	No action required		
Leadbeater's Possum habitat within 500m (Modelled/Zone1A)	Modelled Leadbeater's Possum habitat	Present	Present	Modelled Leadbeater's Possum Habitat was detected during the overlay process, located within 500 metres of the eastern and western proposed gross coupe boundaries.	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.	The coupe is primarily mixed species with a scattering of Mountain Ash, no mature or senescent Ash trees were observed within or adjacent to the coupe. No LBP habitat was identified within the coupe. No further action required.
Old Growth Forest in coupe	* None found	0.00	0.00	No action required		
Old Growth Forest within 500m	* None found	Not Present	Not Present	No action required		
Other biodiversity issues	[n/a]	[n/a]				
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	Cool Temperate RF	0.46	0.46	Cool Temperate Rainforest EVC detected in overlay process within 500m of the coupe boundary.	If Rainforest is identified in the field, buffer in accordance with VicForests Rainforest Identification Instruction.	Rainforest was not identified in the planned harvest area or within 40m of the harvest boundary. No further 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 is located within greater Taponga STF catchment, but not within 1 km upstream of known STF sites and not within STF Management Zones.	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 streams are present within the coupe therefore no stream crossings are required for harvesting or roading within this coupe. No further action required.

**Harvest Unit 312-510-0005-A - Huggy Bear**  
**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 is located within greater Taponga STF catchment, but not within 1 km upstream of known STF sites and not within STF Management Zones.	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 streams are present within the coupe therefore no stream crossings are required for harvesting or roading within this coupe. No further action required.
Spotted Tree Frog in coupe	* None found *	Not Present	Not Present	No action required		
Spotted Tree Frog within 500m	* None found *	Not Present	Not Present	No action required		
Threatened EVC in coupe	* None found *	0.00	0.00	No action required		
Threatened EVC within 500m	* None found *	0.00	0.00	No action required		
Threatened fauna site in coupe	Petauroides volans: Greater Glider	Present	Present	Coupe overlay process has detected Greater Glider species observations in Victorian Biodiversity Atlas (VBA) records within the gross coupe boundary.	Apply VicForests Greater Glider Conservation Strategy prescriptions. Retain at least 40% of the basal area of eucalypts across TRP coupe prioritising the protection of live, large, hollow-bearing trees through all forest management activities including regeneration burning.	Minimum 40% basal retention applied. Type 1, 2 and 3 habitat trees will be retained for habitat as well as feed/seed trees, stags and other hollow bearing recruitment trees. For more information refer to the HCV Summary and Retention Plan.
Threatened fauna site within 500m of coupe	Petauroides volans: Greater Glider	Present	Present	Coupe overlay process has detected Greater Glider species observations in Victorian Biodiversity Atlas (VBA) records within 500m of the coupe boundary.	Apply VicForests HCV management system. Prioritise the largest, live, hollow-bearing trees for habitat retention.	Minimum 40% basal retention applied. Type 1, 2 and 3 habitat trees will be retained for habitat as well as feed/seed trees, stags and other hollow bearing recruitment trees. For more information refer to the HCV Summary and Retention Plan.
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	Coupe overlay process has detected Greater Glider in VicForests Threatened Species layer within the gross coupe boundary.	Apply VicForests Greater Glider Conservation Strategy prescriptions. Retain at least 40% of the basal area of eucalypts across TRP coupe prioritising the protection of live, large, hollow-bearing trees through all forest management activities including regeneration burning.	Minimum 40% basal retention applied. Type 1, 2 and 3 habitat trees will be retained for habitat as well as feed/seed trees, stags and other hollow bearing recruitment trees. For more information refer to the HCV Summary and Retention Plan.
Threatened Species Observations in coupe	Petaurus australis: Yellow-bellied Glider	Present	Present	Coupe overlay process has detected Yellow-bellied Glider in VicForests Threatened Species layer within the gross coupe boundary.	Retain at least 40% of the basal area of eucalypts across TRP coupe prioritising the protection of live, large, hollow-bearing trees through all forest management activities including regeneration burning.	Minimum 40% basal retention applied. Type 1, 2 and 3 habitat trees will be retained for habitat as well as feed/seed trees, stags and other hollow bearing recruitment trees. For more information refer to the HCV Summary and Retention Plan.

**Harvest Unit 312-510-0005-A - Huggy Bear**  
**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 in coupe	Gymnobelideus leadbeateri: Leadbeater's Possum	Present	Present	Coupe overlay process has detected Leadbeater's Possum in VicForests Threatened Species layer within the gross 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.	Boundary has been marked adjacent to VicForests Reserve VFSMP64. Boundary has been signed off by Senior Forester. No harvesting will occur within the VF reserve.
Threatened Species Observations within 500m of coupe	Ninox connivens: Barking Owl	Present	Present	Coupe overlay process has detected Barking Owl in VicForests Threatened Species layer within 500m of the 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.	Contractor and VicForests supervising forester to remain vigilant of Barking Owls, roost trees and white wash. If an owl or roost tree is identified during harvesting operations must stop and the Manager Forest Policy and Compliance notified of the sighting. Where identified, harvesting must not commence or re-commence within the vicinity until advice provided by either Manager Biodiversity Conservation and Research or Manager Forest Policy and Compliance. Harvest contractor has been provided with sample images of this species.
Threatened Species Observations within 500m of coupe	Tyto tenebricosa tenebricosa: Sooty Owl	Present	Present	Coupe overlay process has detected Sooty Owl in VicForests Threatened Species layer within 500m of the 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.	Contractor and VicForests supervising forester to remain vigilant of Sooty Owls, roost trees and white wash. If an owl or roost tree is identified during harvesting operations must stop and the Manager Forest Policy and Compliance notified of the sighting. Where identified, harvesting must not commence or re-commence within the vicinity until advice provided by either Manager Biodiversity Conservation and Research or Manager Forest Policy and Compliance. Harvest contractor has been provided with sample images of this species.

**Harvest Unit 312-510-0005-A - Huggy Bear**  
**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	Petauroides volans: Greater Glider	Present	Present	Coupe overlay process has detected Greater Glider in VicForests Threatened Species layer within 500m of the coupe boundary.	Apply VicForests HCV management system. Prioritise the largest, live, hollow-bearing trees for habitat retention.	Minimum 40% basal retention applied. Type 1, 2 and 3 habitat trees will be retained for habitat as well as feed/seed trees, stags and other hollow bearing recruitment trees. For more information refer to the HCV Summary and Retention Plan.
VF Large Trees in Coupe	None found	Not Present	Not Present	No action required		
VF Large Trees within 500m	None found	Not Present	Not Present	No action required		
5. Historical	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Aboriginal Cultural Sensitivity Area in coupe	Watercourse	0.01	0.01	Area of Cultural Sensitivity within coupe identified in the overlay process.	Consultation with AV was undertaken during the TRP approval process. No registered Aboriginal Cultural Heritage sites were identified. No restriction to harvesting. No further action.	
Aboriginal Cultural Sensitivity Area within 500m	Watercourse	20.77	20.77	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.	
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	[n/a]	[n/a]				



**Harvest Unit 312-510-0005-A - Huggy Bear**  
**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
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	2.97	2.97	Coupe overlay has identified 2.97ha of the coupe is within Middleground distance of Warburton-Woods Point Road and is potentially visible.	Nett harvest area is outside area identified as potentially visible from Warburton-Woods Point Road . No further action required.	
Other landscape issues	[n/a]	[n/a]				
Outer issues (6.5k - 12km)	MARYSVILLE_WOODS_POINT_ROAD Outer	1.70	1.70	Coupe overlay has identified 1.70ha of the coupe is within Background distance of Warburton-Woods Point Road and is potentially visible.	Nett harvest area is outside area identified as potentially visible from Warburton-Woods Point Road . 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	[n/a]	[n/a]				
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 312-510-0005-A - Huggy Bear**  
**FOREST OPERATIONS COUPE PLAN - SECTION 5**  
**Contractor Section - Harvesting Commencement & Completion Declarations**

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

<b>The names and FOLS numbers of the crew working on this Harvest Unit are:</b>		
HTL _____	FOLS No. _____	
Log Grader _____	FOLS No. _____	Hammer No. _____
Crew Member _____	FOLS No. _____	
Crew Member _____	FOLS No. _____	
Crew Member _____	FOLS No. _____	
Crew Member _____	FOLS No. _____	







**Harvest Unit 312-510-0005-A - Huggy Bear**  
**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 312-510-0005-A - Huggy Bear**  
**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*