



# Forest Operations Coupe Plan

for

Harvest Unit 801-511-0005-A - Lior

Nowa Nowa

801 - Colquhoun

## Location of coupe centroid

Easting/Northing: (GDA-94)	586716/5816623 Zone 55
VicGrid	2762847/2407806
Latitude/Longitude:	37° 47' 37" S/147° 59' 6" 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 801-511-0005-A - Lior**  
**FOREST OPERATIONS COUPE PLAN - SECTION 1**  
**Contractor Section - Coupe Description**

Descriptive Information <span style="float: right; font-weight: normal; font-size: small;">(also see Part 2: Coupe Map - Operation and Context)</span>				
Forest type	Coastal mixed species			
Area of TRP Boundary	29.6			
Area of Harvest Unit (operational area)	25.6			
Regional Forest Agreement	EAST GIPPSLAND			
Forest Management Area	East Gippsland			
General aspect	Westerly			
Elevation	60 meters			
Slope	Minimum 0°; Average 10°; Maximum 15°			
Proportion of the nett coupe area > 20°	0-10 %			
		Horizon A	Horizon B	Horizon C
Soil Erosion Classification	Medium		High	High
Soil Permeability Classification	High		High	-
Overall Soil Category	Low		Moderate	-
Rock cover exceeds 30% of nett area	No			

Estimated species and volumes			
Product	Grade	Volume	
Box species	U	18 m <sup>3</sup>	
Brown Stringybark	C	50 m <sup>3</sup>	
Brown Stringybark	D	20 m <sup>3</sup>	
Brown Stringybark	H	148 m <sup>3</sup>	
Brown Stringybark	M	117 m <sup>3</sup>	
Red Ironbark (tricarpa)	D	8 m <sup>3</sup>	
Silvertop	B	4 m <sup>3</sup>	

## Estimated species and volumes

Product	Grade	Volume
Silvertop	C	155 m <sup>3</sup>
Silvertop	D	42 m <sup>3</sup>
Silvertop	H	465 m <sup>3</sup>
Silvertop	M	368 m <sup>3</sup>
White Stringybark	C	32 m <sup>3</sup>
White Stringybark	D	20 m <sup>3</sup>
White Stringybark	H	111 m <sup>3</sup>
White Stringybark	M	88 m <sup>3</sup>

*End of Forest Operations Coupe Plan Section 1*



**Harvest Unit 801-511-0005-A - Lior**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
**Contractor Section - Contractor Direction**



**Harvest Unit 801-511-0005-A - Lior**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
 Contractor Section - Contractor Direction

Personnel	
VF Officer	
Contractor	
Operational Issues	
Silvicultural Intent	Adaptive Silvicultural Systems
Silviculture system(s)	Variable retention 1
Recommended harvesting period	Shoulder of 2020-2021
Description of the coupe boundaries and method used to locate boundary in the field	<p>Buffers and filters have been marked to comply with prescriptions for Barred Galaxias, sections 8.1.10.1 and 8.1.10.2 table 23. Management Standards and Procedures for timber operations in Victoria's State Forests 2014.</p> <p>Northern boundary starts a with a defined gully that has been marked with 20m buffer and a 20m filter on top of buffer until changing into a dry 15m drainage line filter. This drainage line shortly runs into a small riparian scrub buffer marked in pink tape and then onto a TRP boundary</p> <p>Eastern Boundary is a Defined TRP boundary along Burkley square road.</p> <p>Southern boundary Starts off as a TRP boundary marked in blue Tape and then into a 15m drainage line filter marked in orange tape which turns into a defined gully which as 20m buffer with a 20m filter on top.</p> <p>Western boundary is runs the whole side of of this boundary being a 20m buffer with a 20m filter. Their are 2 internal filters on this side fo the boundary.</p>
Operational constraints	Soils are sandy throughout the soil profile with no rocks noticed & due to relatively gentle slopes, there should be no operational restrictions.
Social Issues	
Identified social issues	
Coupe Access	
Proposed Access	Princes Hwy x Corduroy Rd x Burkley Square Rd
Proposed driveway length to construct	0



**Harvest Unit 801-511-0005-A - Lior**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
Contractor Section - Contractor Direction

Proposed in-coupe road length to construct	500
Proposed in-coupe roading requirements	Reccommend to put in-coupe roads down both spurs into the coupe to access both the Nth & Sth sections of the coupe.
Proposed number of stream crossings	1
Proposed number of landings	3



**Harvest Unit 801-511-0005-A - Lior**  
**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	The Variable Retention 1 silvicultural system will be applied to the entire coupe using a combination of aggregated and dispersed retention Retain an average minimum of 10 Habitat trees per ha through retained habitat patches and dispersed retention across the harvestable area.
<b>Additional specifications, requirements or instructions</b>		
	Additional specifications, requirements or instructions	If an unmarked tree greater than 250cm in diameter is identified by the contractor, the contractor where possible is to cease harvesting within a 30m radius of the tree and notify VicForests immediately.
<b>5.</b>	<b>Coupe boundaries</b>	

**Harvest Unit 801-511-0005-A - Lior**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
**Contractor Section - Contractor Direction**

5.1	Marking a coupe	<p>Buffers and filters have been marked to comply with prescriptions for Barred Galaxias, sections 8.1.10.1 and 8.1.10.2 table 23. Management Standards and Procedures for timber operations in Victoria's State Forests 2014.</p> <p>Northern boundary starts a with a defined gully that has been marked with 20m buffer and a 20m filter on top of buffer until changing into a dry 15m drainage line filter. This drainage line shortly runs into a small riparian scrub buffer marked in pink tape and then onto a TRP boundary</p> <p>Eastern Boundary is a Defined TRP boundary along Burkley square road.</p> <p>Southern boundary Starts off as a TRP boundary marked in blue Tape and then into a 15m drainage line filter marked in orange tape which turns into a defined gully which as 20m buffer with a 20m filter on top.</p> <p>Western boundary is runs the whole side of of this boundary being a 20m buffer with a 20m filter. Their are 2 internal filters on this side fo the boundary.</p>
5.2	Construction of boundary trails	No variation to standard practices as outlined within the utilisation procedures
5.3	Location of Boundary Trails	No variation to standard practices as outlined within the utilisation procedures
5.4	Converting boundary trail to fire trail	No variation to standard practices as outlined within the utilisation procedures
<b>6.</b>	<b>Excluded areas</b>	
6.1	Activities in excluded areas	No variation to standard practices as outlined within the utilisation procedures
<b>7.</b>	<b>Harvest requirements</b>	
7.1	Retained Trees	Habitat clusters have been marked throughout the coupe. Each cluster is marked with pink tape. Clusters will be displayed on a VF iPad along with identified habitat trees that are to be retained if safe to do so. No trees located within the marked cluster can be felled. The contractor must not deliberately fall trees into a cluster. If a tree is fallen into a cluster it must be noted in the coupe diary. A mineral earth firebreak must be constructed around each cluster.
7.2	Large Tree Protection	No variation to standard practices as outlined within the utilisation procedures
7.3	Trees to be felled	No variation to standard practices as outlined within the utilisation procedures
7.4	Stump heights	No variation to standard practices as outlined within the utilisation procedures



**Harvest Unit 801-511-0005-A - Lior**  
**FOREST OPERATIONS COUPE PLAN - SECTION 2**  
**Contractor Section - Contractor Direction**

7.6	Coupe utilisation requirements	No variation to standard practices as outlined within the utilisation procedures
<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	No variation to standard practices as outlined within the utilisation procedures
10.2	Blading-off	No variation to standard practices as outlined within the utilisation procedures
10.3	Drainage and rehabilitation	No variation to standard practices as outlined within the utilisation procedures
10.4	Snigging on roads	No variation to standard practices as outlined within the utilisation procedures
10.5	Stream crossings	No variation to standard practices as outlined within the utilisation procedures
<b>12.</b>	<b>Landings</b>	
12.1	Location of landings	No variation to standard practices as outlined within the utilisation procedures
12.2	Construction and maintenance of landings	No variation to standard practices as outlined within the utilisation procedures
12.5	Bark disposal	No variation to standard practices as outlined within the utilisation procedures
12.7	Rehabilitation	No variation to standard practices as outlined within the utilisation procedures
<b>13.</b>	<b>Road and construction maintenance</b>	
13.2	Location, design and period of construction	No variation to standard practices as outlined within the utilisation procedures
13.4	Grade	No variation to standard practices as outlined within the utilisation procedures
13.5	Clearing	No variation to standard practices as outlined within the utilisation procedures
13.6	Earthworks	No variation to standard practices as outlined within the utilisation procedures
13.7	Drainage	No variation to standard practices as outlined within the utilisation procedures
13.8	Maintenance	No variation to standard practices as outlined within the utilisation procedures





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

13.9	Stream and drainage line crossings	No variation to standard practices as outlined within the utilisation procedures
13.11	Closure and rehabilitation of roads	No variation to standard practices as outlined within the utilisation procedures
13.13	Removal and rehabilitation of bridges, crossings and culverts	No variation to standard practices as outlined within the utilisation procedures
<b>14.</b>	<b>Quarries, borrow pits and fill disposal areas</b>	
14.0	Quarries, borrow pits and fill disposal areas	No variation to standard practices as outlined within the utilisation procedures
<b>15.</b>	<b>Preparation, measurement, grading and extraction of logs</b>	
15.2	Log preparation	No variation to standard practices as outlined within the utilisation procedures
<b>21.</b>	<b>Carting logs</b>	
21.1	Carting logs - general obligations of the driver	No variation to standard practices as outlined within the utilisation procedures
<b>23.</b>	<b>Weather restrictions</b>	
23.0	Weather restrictions	No variation to standard practices as outlined within the utilisation procedures
<b>26.</b>	<b>Sorting and using fuel and servicing machinery</b>	
26.1	Fuel location	No variation to standard practices as outlined within the utilisation procedures
26.2	Fuel precautions	No variation to standard practices as outlined within the utilisation procedures
<b>27.</b>	<b>Camp sites, waste disposal and forest hygiene</b>	
27.1	Camp sites	No variation to standard practices as outlined within the utilisation procedures
27.3	Water points	No variation to standard practices as outlined within the utilisation procedures
27.4	Forests hygiene (weeds, pests and disease)	No variation to standard practices as outlined within the utilisation procedures
27.5	Field Washdown/Cleaning Procedure for Machinery	No variation to standard practices as outlined within the utilisation procedures
<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



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**Contractor Section - Contractor Direction**

<b>Habitat Description and Marking</b>	Retain an average minimum of 10 Habitat trees per ha through retained habitat patches and dispersed retention across the harvestable area Habitat patches containing HBT1, HBT2 and HBT3 trees are marked in the field to target the most suitable habitat for arboreal species and other ecological values. Where HBT1s are not present, HBT2s and HBT3s will be retained to consider habitat linkages and connectivity in the harvested area.	
<b>Habitat trees will be retained...</b>		<b>Scenario</b>
<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>		Yes No Yes Yes Yes No
<b>Other requirements</b>		

*\* See variation page for marking procedure.*

*End of Forest Operations Coupe Plan Section 2*



**Harvest Unit 801-511-0005-A - Lior**  
**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)	5 % 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.	
<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	Traffic Management Plan to be implemented when falling within two tree lengths of Old Omeo Road.	
Access	[None]	



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**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>	Both parties agree the coupe is suitable for hand falling, providing the industry standard safety in the forest operation is used to manage all falling hazards identified	
<b>Other</b>	If unauthorised persons are identified on the work site, all harvesting operations must cease. VicForests are to be notified immediately of any protest event. Harvesting should not commence until it has been determined that it is safe to resume work.	
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 801-511-0005-A - Lior**  
**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 1000m	Apiary Zone 1	Present	Present	Coupe within apiary zone 1, two sites within 1,000m. Site 352_27 & 466_27.	Apiary analysis completed 24/09/2020 to ensure that at time of harvest 66% of mature forest is retained within apiary zone in accordance with the Gippsland Forest Apiary Plan. Site is unoccupied. No further action required.	No further action required.
Apiary zone within coupe	* None found *	Not Present	Not Present	No action required		
Fire Fuel Management Zone in coupe	2 - Bushfire Moderation Zone	29.61	29.61	Coupe within Fire Management Zone 2: Bushfire Moderation. For seedtree or clearfell operations, a rolling 5-year average of a maximum of 1% of the GMZ/SMZ area of each management unit is permitted each year in accordance with the Statewide Prescriptions for Commercial Timber Harvesting in Fire Management Zones, July 2012.	Fire Management Zone analysis undertaken 1/10/2020 demonstrates compliance with the Statewide Prescriptions for Commercial Timber Harvesting in Fire Management Zones updated 19 July 2012. The overall fuel hazard rating for this coupe must be less than or equal to high within 12 months of harvesting unless self regenerated. If self regenerated, VicForests Operations Manager Silviculture to liaise with DELWP.	Once harvesting has been completed a survey will be undertaken to determine whether coupe will be burn or left to self regenerate.
Forest Management Zone within 200m	GMZ : General Management Zone	Present	Present	General Management Zone adjacent to coupe boundary.	No further action required.	No further action required.
Forest Management Zone within 200m	SMZ : Special Management Zone	Present	Present	Special Management Zone (SMZ) M-801-01-20 (Apiary) adjacent coupe boundary.	SMZ values will not be affected by the harvesting of the coupe. No further action required.	No further action required.
Forest Management Zone within 200m	SPZ : Special Protection Zone	Present	Present	Special Protection Zone (SPZ) P-801-01-04 (POMA - LegalSet SCI2014/0509, SOMA, STQ, EVC, 15, 29, 4000) within 200m of coupe boundary.	SPZ is a eg 100m linear buffer on Nargon Creek. 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 Operations Manager prior to harvesting commencement. No harvesting will occur within the SPZ.	No further action required.
Forest Management Zone within 500m	GMZ : General Management Zone	Present	Present	General Management Zone within 200-500m of coupe boundary.	No further action required.	No further action required.
Forest Management Zone within 500m	SMZ : Special Management Zone	Present	Present	Special Management Zone (SMZ) M-801-01-20 (Apiary) within 200-500m of coupe boundary.	SMZ values will not be affected by the harvesting of the coupe. No further action required.	No further action required.

**Harvest Unit 801-511-0005-A - Lior**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
1. Situation	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Forest Management Zone within 500m	SPZ : Special Protection Zone	Present	Present	Special Protection Zone (SPZ) P-801-01-04 (POMA - LegalSet SCI2014/0509, SOMA, STQ, EVC, 15, 29, 4000) within 200-500m of coupe boundary.	SPZ values will not be affected by the harvesting of coupe. No further action required.	No further action required.
Forest Management Zone within coupe	GMZ : General Management Zone	16.07	16.07	General Management Zone within gross coupe boundary.	Harvest in accordance with the Code of Practice for Timber production.	Coupe has been marked in the field accordingly to the code of practice for Timber production exclusion. Map supplied, with marking points to Operations Manager for boundary signoff.
Forest Management Zone within coupe	SMZ : Special Management Zone	13.53	13.53	Special Management Zone (SMZ) M-801-01-20 (Apiary) located within gross coupe boundary.	The Gippsland Forest Apiary Plan is the management guideline for timber harvesting operations. Refer Apiary management issues.	This coupe has been marked to comply with Barred galaxias prescription found in the Management Standards and procedures 8.1.10 Table 23 Map supplied, with marking points to Senior forester for boundary sign off.
Heritage River Buffer in coupe	Heritage River Buffer in coupe	Not Present	Not Present	No action required		
Heritage River Buffer within 500m	Heritage River Buffer within 500m	Not Present	Not Present	No 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	* None found *	0.00	0.00	No action required		
VF Reserve within 500m	* None found *	0.00	0.00	No action required		
VF SMA in coupe	* None found *	0.00	0.00	No action required		
VF SMA within 500m	* None found *	0.00	0.00	No action required		

**Harvest Unit 801-511-0005-A - Lior**  
**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
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	Mixed Species	29.61	29.61	Forest stand type confirmed in the field.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.	Coupe has been marked in the field accordingly to the code of practice for Timber production exclusion. Map supplied, with marking points to Operations Manager for boundary signoff.
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	* None found *	0.00	0.00	No action required		
Designated Water Supply Catchment within 500m	* None found *	0.00	0.00	No action required		
Other water issues	[n/a]	[n/a]				
Slope Class within coupe	0-20 Degrees	29.61	29.61	29.61 ha of slope between 0-20 degrees within coupe.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures and Utilisation Procedures and VicForests Post Bushfire Timber Harvesting Instruction v3.3.	This coupe has been marked to comply with Barred galaxias prescription found in the Management Standards and procedures 8.1.10 Table 23 Map supplied, with marking points to Senior forester for boundary sign off.
Water quality risk within coupe	Low or Moderate Water Quality Risk	[n/a]	Present	A Moderate Water Quality Risk was determined after Soil Assessments within this coupe. VicForests Post Bushfire Timber Harvesting Instruction v3.3 June 2020, section 5.1.6.3 states that all fire impacted compartments must be classified as High or Very High Water Quality risk.	A High or Very High Water Quality risk is applied in bushfire affected areas. Apply buffer and filter prescriptions for sites as specified in VicForests Post Bushfire Timber Harvesting Instruction v3.3 June 2020, section 5.1.6.3. (Aquatic fauna HDMs (Barred Galaxias) buffers and filters will override these prescriptions).	This coupe has been marked to comply with Barred galaxias prescription found in the Management Standards and procedures 8.1.10 Table 23 Map supplied, with marking points to Senior forester for boundary sign off.

**Harvest Unit 801-511-0005-A - Lior**  
**FOREST OPERATIONS COUPE PLAN - SECTION 4**  
**Forester Section - Coupe Management Actions**

Issues identified						
4. Biodiversity	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Barred Galaxias streams in coupe or within 500m	Barred Galaxias catchment in coupe or within 500m	Not Present	Not Present	No action required		
Greater Glider Habitat Within 100m (Modelled Class1)	Modelled Greater Glider Habitat within 100m	Not Present	Not Present	No action required		
Old Growth Forest in coupe	Old Growth Forest	2.13	0.00	Modelled old growth within coupe boundary.	VicForests Pre-harvest Survey completed 7/10/2020 which did not identify any species requiring protection measures. No further action required.	No further action required.
Old Growth Forest within 500m	Old Growth Forest	Present	Present	Modelled old growth within 500m of coupe boundary.	No further action required.	No further action required.
Other biodiversity issues	[n/a]	[n/a]				
Other threatened flora	Not present					
Rainforest in coupe	None found	0.00	0.00	No action required		
Rainforest site in coupe	* None found *	0.00	0.00	No action required		
Rainforest site within 500m	Rainforest site of significance	Not Present	Not Present	No action required		
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		Not Present	Not Present	No action required		
Spotted Tree Frog catchment within 500m		Not Present	Not Present	No action required		
Spotted Tree Frog in coupe	* None found *	Not Present	Not Present	No action required		
Spotted Tree Frog within 500m	* None found *	Not Present	Not Present	No action required		
Threatened EVC in coupe	* None found *	0.00	0.00	No action required		
Threatened EVC within 500m	* None found *	0.00	0.00	No action required		



**Harvest Unit 801-511-0005-A - Lior**  
**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 in coupe	Trichosurus asciculat: Common Brushtail Possum	Present	Present	Common Brushtail Possum record identified within coupe. Species not listed in the FFG Act. Species is listed in the EG FMP with conservation guidelines, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 and VicForests Procedures 2016.	The number of records for Common Brushtail Possum does not meet the threshold required for additional protection measures. No further action required.	No further action required.
Threatened fauna site in coupe	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider record identified within coupe. Species not listed in the FFG Act. Species is listed in the EG FMP with conservation guidelines, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 and VicForests Procedures 2016.	VicForests adaptive management prescription is to retain undisturbed habitat patches containing hollow-bearing trees and a variety of feed tree species within the harvestable area; Protect patches from harvesting and regeneration activities.	This coupe has been marked to comply with Vicforests Adaptive Management prescriptions for Variable Retention 1. An average of Ten retained trees/ha. Mineral earth fire break will be constructed around retained patches
Threatened fauna site within 500m of coupe	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is Medium.	The number of records for Yellow-bellied Glider does not meet the threshold required for additional protection measures. No further action required.	No further action required.
Threatened flora site within 500m of coupe	Not present					
Threatened Species Observations in coupe	Ninox strenua: Powerful Owl	Not Present	Present	Powerful Owl habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is Medium.	VicForests adaptive management prescription is to retain undisturbed habitat patches containing dense understorey and hollow-bearing trees within the harvestable area; Protect patches from harvesting and regeneration activities.	This coupe has been marked to comply with Vicforests Adaptive Management prescriptions for Variable Retention 1. An average of Ten retained trees/ha. Mineral earth fire break will be constructed around retained patches
Threatened Species Observations in coupe	Tyto novaehollandiae novaehollandiae: Masked Owl	Not Present	Present	Masked Owl habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is High.	VicForests adaptive management prescription is to retain undisturbed habitat patches containing dense understorey and hollow-bearing trees within the harvestable area; Protect patches from harvesting and regeneration activities.	This coupe has been marked to comply with Vicforests Adaptive Management prescriptions for Variable Retention 1. An average of Ten retained trees/ha. Mineral earth fire break will be constructed around retained patches

**Harvest Unit 801-511-0005-A - Lior**  
**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	Tyto tenebricosa tenebricosa: Sooty Owl	Not Present	Present	Sooty Owl habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is Medium.	VicForests adaptive management prescription is to retain undisturbed habitat patches containing dense understorey and hollow-bearing trees within the harvestable area; Protect patches from harvesting and regeneration activities.	This coupe has been marked to comply with Vicforests Adaptive Management prescriptions for Variable Retention 1. An average of Ten retained trees/ha. Mineral earth fire break will be constructed around retained patches
Threatened Species Observations in coupe	Calyptorhynchus lathami lathami: Glossy Black-Cockatoo	Not Present	Present	Glossy Black Cockatoo habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is Medium.	VicForests adaptive management prescription is to protect mature stands of Black she-oak from harvesting and regeneration activities. Retain undisturbed habitat patches containing hollow-bearing trees within the harvestable area; Protect patches from harvesting and regeneration activities.	This coupe has been marked to comply with Vicforests Adaptive Management prescriptions for Variable Retention 1. An average of Ten retained trees/ha. Mineral earth fire break will be constructed around retained patches
Threatened Species Observations in coupe	Dasyurus maculatus maculatus: Spot-tailed Quoll	Not Present	Present	Spot-tailed Quoll habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is Medium.	VicForests adaptive management prescription is to retain undisturbed habitat patches containing dense understorey, hollow-bearing trees and suitable denning habitat eg, large fallen hollow logs, within the harvestable area; protect patches from harvesting and regeneration activities.	This coupe has been marked to comply with Vicforests Adaptive Management prescriptions for Variable Retention 1. An average of Ten retained trees/ha. Mineral earth fire break will be constructed around retained patches
Threatened Species Observations in coupe	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is Medium.	VicForests adaptive management prescription is to retain undisturbed habitat patches containing hollow-bearing trees and a variety of feed tree species within the harvestable area; Protect patches from harvesting and regeneration activities.	This coupe has been marked to comply with Vicforests Adaptive Management prescriptions for Variable Retention 1. An average of Ten retained trees/ha. Mineral earth fire break will be constructed around retained patches
Threatened Species Observations in coupe	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider record identified within coupe. Species not listed in the FFG Act. Species is listed in the EG FMP with conservation guidelines, DELWP Management Standards and Procedures for timber harvesting operations in Victoria's State forests 2014 and VicForests Procedures 2016.	The number of records for Yellow Bellied Glider does not meet the threshold required for additional protection measures. However as part of VicForests HCV strategy, habitat retention must include the protection of large hollow-bearing trees, which provide habitat for resident gliders, possums and owls. Value to be considered during coupe habitat retention planning.	This coupe has been marked to comply with Vicforests Adaptive Management prescriptions for Variable Retention 1. An average of Ten retained trees/ha. Mineral earth fire break will be constructed around retained patches

**Harvest Unit 801-511-0005-A - Lior**  
**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	Heleioporus australiacus: Giant Burrowing Frog	Not Present	Present	"Giant Burrowing Frog habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is Medium.	VicForests adaptive management prescription is to apply Code or policy requirements. Buffer mapped and unmapped permanent streams, temporary streams and drainage lines as per Barred galaxias salvage prescription to protect from erosion and sedimentation during harvesting and roading activities. No construction of new stream crossings (Without biodiversity approval). New roads to be positioned at least 50m from streams and heads of gullies. Protect buffers and filters from regeneration activities; Apply a 20m buffer to waterbodies away from streams that may be potential breeding sites; Protect buffer from harvesting and regeneration activities	Buffers and filters have been marked to comply with prescriptions for Barred Galaxias, sections 8.1.10.1 and 8.1.10.2 table 23. Management Standards and Procedures for timber operations in Victoria's State Forests 2014.
Threatened Species Observations within 500m of coupe	Petaurus australis: Yellow-bellied Glider	Present	Present	Yellow-bellied Glider habitat distribution model overlaps this coupe. Based on fire severity impact, risk assessment is Medium.	VicForests adaptive management prescription is to retain undisturbed habitat patches containing hollow-bearing trees and a variety of feed tree species within the harvestable area; Protect patches from harvesting and regeneration activities.	This coupe has been marked to comply with Vicforests Adaptive Management prescriptions for Variable Retention 1. An average of Ten retained trees/ha. Mineral earth fire break will be constructed around retained patches
VF Large Trees in Coupe	Not present					
VF Large Trees within 500m	Not present					
5. Historical	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Aboriginal Cultural Sensitivity Area in coupe	* None found	0.00	0.00	No action required		
Aboriginal Cultural Sensitivity Area within 500m	Watercourse	6.65	0.00	Area of Cultural Sensitivity within coupe identified in the overlay process.	Consultation with AAV was undertaken during the TRP approval process. No registered Aboriginal Cultural Heritage sites were identified. No restriction to harvesting. No further action.	No further action required.
Historic areas in coupe	Historic site	Not Present	Not Present	No action required		



**Harvest Unit 801-511-0005-A - Lior**  
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**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
Historic areas within 500m	Historic site	Not Present	Not Present	No action required		
Historic sites in coupe	Historic site	Not Present	Not Present	No action required		
Historic sites within 500m	Historic site	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]				
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)	COLQUHOUN_FOREST_DRIVE Middleground	21.91	21.91	Overlay process has identified middleground issues within gross coupe boundary.	Manage timber harvesting operations to ensure landscape alterations are only subtly apparent within 2 years of the operation and shape, position and time timber harvesting and new roads to minimise their visual impact.	No further action required
Middleground issues (500m-6.5k)	PRINCES_HIGHWAY Middleground	7.05	7.05	Overlay process has identified middleground issues within gross coupe boundary.	Manage timber harvesting operations to ensure landscape alterations are only subtly apparent within 2 years of the operation and shape, position and time timber harvesting and new roads to minimise their visual impact.	No further action required
Other landscape issues	[n/a]	[n/a]				
Outer issues (6.5k - 12km)	BUCHAN_ROAD Outer	0.01	0.01	Overlay process has identified outer area issues within gross coupe boundary.	Design timber harvesting operations so that clearfell and skyline 'notches' are not apparent from the scenic drives and designated lookouts.	No further action required
Scenic Drive Network in or within 100m of coupe	* None found *	0.00	0.00	No action required		



**Harvest Unit 801-511-0005-A - Lior**  
**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
Sensitive Ridgelines in or within 500m of coupe	* None found *	0.00	0.00	No action required		
Sensitive View Areas in coupe	* None found *	0.00	0.00	No action required		
Sensitive View Areas within 500m of coupe	* None found *	0.00	0.00	No 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
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	No evidence of pest animals and diseases detected during field inventory.	No further action required.	No further action required.
Weeds	None identified	[n/a]	None identified	No evidence of pest plants detected during field inventory.	No further action required.	No further action required.

*End of Forest Operations Coupe Plan Section 4*



**Harvest Unit 801-511-0005-A - Lior**  
**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 801-511-0005-A - Lior**  
**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 801-511-0005-A - Lior**  
**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*