



Forest Operations Coupe Plan

for

Harvest Unit 457-503-0002-A - Spitfire

Noojee

457 - Easton

Location of coupe centroid

Easting/Northing: (GDA-94)	426137/5837582 Zone 55
VicGrid	2602696/2432139
Latitude/Longitude:	37° 36' 21" S/146° 9' 47" 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 457-503-0002-A - Spitfire
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	42.9			
Area of Harvest Unit (operational area)	8.4			
Regional Forest Agreement	CENTRAL HIGHLANDS			
Forest Management Area	Central Gippsland			
General aspect	Easterly			
Elevation	1160 meters			
Slope	Minimum 10°; Average 20°; Maximum 35°			
Proportion of the nett coupe area > 20°	11-40 %			
		Horizon A	Horizon B	Horizon C
Soil Erosion Classification		<i>Low</i>	<i>Low</i>	<i>Low</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	441 m ³	
Alpine Ash	C	1071 m ³	
Alpine Ash	D	111 m ³	
Alpine Ash	E	723 m ³	
Alpine Ash	H	2897 m ³	

End of Forest Operations Coupe Plan Section 1



Harvest Unit 457-503-0002-A - Spitfire
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	The Northern boundary is marked to the boundary of the snow gum The Eastern boundary is marked to the slope greater than 30 degrees The Southern boundary is marked to the TRP boundary the Western boundary is marked to the 50m SMZ buffer & 20m road buffer off Warburton - Woodspoint road. All boundaries marked in pink and blue tape with the use of GPS, Compass, Clinometer, Hip chain and Range finder.
Operational constraints	
Social Issues	
Identified social issues	Neighboring landholders to be advised of Harvest / Haulage operations
Coupe Access	
Proposed Access	Access to landing in lancaster coupe
Proposed driveway length to construct	0
Proposed in-coupe road length to construct	0
Proposed in-coupe roading requirements	Build road in lancaster coupe to landing area in lancaster
Proposed number of stream crossings	0
Proposed number of landings	1



Harvest Unit 457-503-0002-A - Spitfire
FOREST OPERATIONS COUPE PLAN - SECTION 2
 Contractor Section - Contractor Direction

Environmental and operational specification Standard		
All operations to be conducted in accordance with the Code of Practice for Timber Production 2014 and VicForests Utilisation Procedures except where additional specifications or variations are specified below. Where there is no comment (ie the column is blank), it should be read ' <i>No variation to the standard procedure</i> '.		
Environmental & Operational Elements		Variations, amendments or additional instructions
Utilisation Procedures Section		
	Planned silvicultural system and requirements	
	Planned silvicultural system and requirements	Adaptive Clearfell (Ad.CFE) Will be applied to the Alpine Ash dominated harvest unit with Shining Gum, E. nitens, to be retained where possible as seed trees. Existing HBT's 2's and 3's will be retained where practicable within the harvest unit. Habitat patches have been identified in 6 locations within the harvest unit and no boundary is more than 150m from retained habitat. Retained habitat trees and patches within the harvest unit require a mineral earth break around them to a minimum of 3 meters wide.
	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	
6.1	Activities in excluded areas	
7.	Harvest requirements	



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

7.1	Retained Trees	No tree, stag or spar to remain within 1 tree length of boundary or road. No living trees >250cm dbh to be fallen or pushed.
7.2	Large Tree Protection	
7.3	Trees to be felled	
7.4	Stump heights	
7.6	Coupe utilisation requirements	
9.	Thinning requirements	
9.2	Trees to be retained	
9.3	Thinning method	
9.4	Damage	
10.	Extraction tracks within coupes	
10.1	Location of Extraction Tracks	
10.2	Blading-off	
10.3	Drainage and rehabilitation	Snig track to be ripped 30m from landing at coupe completion. Topsoil to be respread before ripping.
10.4	Snigging on roads	
10.5	Stream crossings	Crossing locations to be agreed upon by VF and contractor
12.	Landings	
12.1	Location of landings	
12.2	Construction and maintenance of landings	
12.5	Bark disposal	
12.7	Rehabilitation	Snig track to be ripped 30m from landing at coupe completion. Topsoil to be respread before ripping.
13.	Road and construction maintenance	
13.2	Location, design and period of construction	



Harvest Unit 457-503-0002-A - Spitfire
FOREST OPERATIONS COUPE PLAN - SECTION 2
 Contractor Section - Contractor Direction

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	
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	



Harvest Unit 457-503-0002-A - Spitfire
FOREST OPERATIONS COUPE PLAN - SECTION 2
 Contractor Section - Contractor Direction

27.4	Forests hygiene (weeds, pests and disease)	
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

Habitat Description and Marking	<p>The coupe is predominantly within the EVC 38 - Montane Damp Forest & EVC 39 - Montane Wet Forest which predominately consists of 1939 Alpine Ash, E. delegatensis regrowth with small amounts of shining gum, E nitens. A Snowgum E.pauciflora spp. patch is present in the northern section of the coupe and is excluded from the harvest unit. A small area of the coupe is classed as EVC 30 - Wet Forest and is entirely outside of the harvest unit.</p> <p>The coupe is a regrowth stand and currently contains only a few mature habitat elements including trees with large hollows or large stags. The current stand contains a low number of habitat 2 and 3 habitat trees.</p> <p>The Northern boundary is marked to the boundary of the snow gum. The Eastern boundary is marked to the slope greater the 30 degrees. The Southern boundary is marked to the TRP boundary. The Western boundary is marked to the 50m road buffer off Warburton - Woods point road.</p>
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Habitat trees will be retained...	Scenario
. Outside the harvesting tapes, but within the 'gross coupe boundary'	Yes
. As individual trees along the edge, outside the harvested area	No
. As individual trees, scattered throughout the coupes	Yes
. In patch(es)/clump(s) within the harvested area	Yes
. To serve as seed trees also	Yes
. Other requirements	No

Other requirements

** See variation page for marking procedure.*



Harvest Unit 457-503-0002-A - Spitfire
FOREST OPERATIONS COUPE PLAN - SECTION 2
Contractor Section - Contractor Direction

End of Forest Operations Coupe Plan Section 2



Harvest Unit 457-503-0002-A - Spitfire
FOREST OPERATIONS COUPE PLAN - SECTION 3
Contractor Section - Coupe Occupational Health and Safety

Hazard Type	Comments on the identified hazard where the hazard exceeds that normally expected	Hazard adequately addressed within Contractor's Safety Management System?
Was a field-based hazard assessment done?	Yes / No	
Arial Hazard		
Stags	[None]	
Other aerial hazards	[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	5 % if > 50% handfall not allowed as main harvest method.	
Ground Hazard		
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]	
Access Roads/Landings		
Grade	[None]	
Width	[None]	
Traffic & Falling Ops	Warburton woodspoint road,no TMP required as felling will be occuring more than 2 treelengths from the road.	
Access	[None]	



Harvest Unit 457-503-0002-A - Spitfire
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]	
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?	Neighbours have been notified on the 24/02/2021	
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 457-503-0002-A - Spitfire
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	An unzoned apiary site is located within 0.18m of 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	0 - Non FPA Land	0.21	0.21	Non FPA land was identified during the overlay process	This area is associated with Private Property on the Western side of Warburton-Woods Point Road. The 0.21ha identified as Non FPA land is a Mapping Error - this area is on the eastern side of the Mapped roadline. Area is outside of harvest unit. No further action.	
Fire Fuel Management Zone in coupe	3 - Landscape Management Zone	42.71	42.71	Coupe within Fire Management Zone 3: Landscape Management and within 1.5km of private property.	No restrictions to timber harvesting. 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 Regeneration coordinator to liaise with DELWP.	The overall fuel hazard rating for this coupe will be less than or equal to high within 12 months of harvesting unless self regenerated. If self regenerated, VicForests Senior Forester Silviculture to liaise with DELWP.
Forest Management Zone within 200m	CFP : Code of Forest Practice	Present	Present	Modelled Code of Practice for Timber Production exclusion areas adjacent to coupe boundary.	Protection requirements will be determined during field marking of the coupe in accordance with the VicForests Operating Procedures, Code of Practice for Timber Production and Thomson River Catchment restrictions of minimum 40m buffers (major streams only) and 10m filters and no harvesting slopes >30 degrees.	Harvest unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit.
Forest Management Zone within 200m	GMZ : General Management Zone	Present	Present	General Management Zone adjacent to coupe boundary.	No further action required.	
Forest Management Zone within 200m	SMZ : Special Management Zone	Present	Present	Special Management Zone (SMZ) 457/01 located adjacent to the coupe boundary. The SMZ value is landscape (Warburton woods Point Road).	SMZ will be confirmed and marked in the field using GPS. No harvesting operations will occur in SMZ outside of coupe boundary.	50m buffer has been placed on the Warburton - Woods Point Road and marked in pink tape with the use of GPS, Compass, clinometer, hipchain and Rangefinder. A small area has been marked 20m from the road with blue tape for access into the coupe. This has been approved under the Vicforests Special management plan [VFSMP416]



Harvest Unit 457-503-0002-A - Spitfire
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	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, Code of Practice for Timber Production and Thomson River Catchment restrictions of minimum 40m buffers (major streams only) and 10m filters and no harvesting slopes >30 degrees.	Harvest unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit.
Forest Management Zone within 500m	GMZ : General Management Zone	Present	Present	General Management Zone (GMZ) within 500m of coupe boundary.	No further action required.	
Forest Management Zone within 500m	SMZ : Special Management Zone	Present	Present	Special Management Zone (SMZ) 457/01 located within 500m of the coupe boundary. The SMZ values is landscape (Warburton woods Point Road).	SMZ will be confirmed and marked in the field using GPS. No harvesting operations will occur in SMZ outside of coupe boundary.	50m buffer has been placed on the Warburton - Woods Point Road and marked in pink tape with the use of GPS, Compass, clinometer, hipchain and Rangefinder. A small area has been marked 20m from the road with blue tape for access into the coupe. This has been approved under the Vicforests Special management plan [VFSMP416]
Forest Management Zone within 500m	SPZ : Special Protection Zone	Present	Present	Special Protection Zone (SPZ) 457/10 (linear reserve), (SPZ) P-475-01 (Landscape Value) & (SPZ) 318/12 (LBP Colony) are located within 500 metres of coupe boundary.	SPZs are not within or adjacent to coupe boundary and will not be affected by harvesting. No further action.	
Forest Management Zone within coupe	CFP : Code of Forest Practice	25.96	25.96	The proposed gross coupe area contains no permanent streams, no temporary streams and 4 drainage lines, and has an 17.42ha area of >30 degree slope.	Protection requirements will be determined during field marking of the coupe in accordance with the VicForests Operating Procedures, Code of Practice for Timber Production and Thomson River Catchment restrictions of minimum 40m buffers (major streams only) and 10m filters and no harvesting slopes >30 degrees.	Harvest unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit.
Forest Management Zone within coupe	GMZ : General Management Zone	12.46	12.46	General Management Zone within gross coupe boundary.	Operations will be in accordance with the Code of Practice for Timber Production.	Harvest unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit.

Harvest Unit 457-503-0002-A - Spitfire
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	SMZ : Special Management Zone	4.50	4.50	Special Management Zone (SMZ) 457/01 located within gross coupe boundary. The SMZ value is landscape Warburton Woods Point road. The requirements of this plan will affect 4.5ha of the gross coupe area. A DELWP approved SMZ plan does not exist."	SMZ Plan for SMZ VFSMP416 has been developed by VicForests and submitted to DELWP 09/04/2021. SMZ boundary to be confirmed in the field. SMZ area of coupe to be managed for roading and snig tracks in accordance with SMZ Plan VFSMP416.	50m buffer has been placed on the Warburton - Woods Point Road and marked in pink tape with the use of GPS, Compass, clinometer, hipchain and Rangefinder. A small area has been marked 20m from the road with blue tape for access into the coupe. This has been approved under the Vicforests Special management plan [VFSMP416]
Non-State Forest in coupe	* None found *	0.00	0.00	No action required		
Other situation issues	Other situation issues	[n/a]	Present	1. Planned burn (3MMV0001) located within coupe boundary 2. Planned operations (HR-MUR-MVL-0053 & HR-MUR-MVL-0059) are mowing/slashing. 3. Coupe overlay has identified a government road easement along western boundary of coupe.	1. Planned burn not scheduled until 2021/22 season. No further action. 2. Planned operations (if still incomplete) will not affect or be affected by harvesting operations within coupe. No further action. 3. Government Road Easement is considered state forest as per the Forest Act and is managed by DELWP. Government Road Easement is within SMZ 457/01 outside of harvest unit. No further action.	
Permanent fire break in coupe	Constructed	550.52	550.52	Existing constructed Permanent Firebreak is situated within the coupe boundary. Firebreak locations are along Warburton-Woods Point Road & 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 fuelbreak is not to be removed as part of the harvesting operations.	Strategic Fuelbreak will be restored back to preharvest condition. All debris will be removed from the break, drainage to be reinstated and if safe to do so, retained vegetation within fuelbreak is not to be removed as part of the harvesting operations.
Permanent fire break within 500m of coupe	Constructed	2586.47	2586.50	Existing Permanent Strategic Fire Break situated adjacent to the coupe boundary. Firebreak locations are along Warburton-Woods Point Road & 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 fuelbreak is not to be removed as part of the harvesting operations.	Strategic Fuelbreak will be restored back to preharvest condition. All debris will be removed from the break, drainage to be reinstated and if safe to do so, retained vegetation within fuelbreak is not to be removed as part of the harvesting operations.



Harvest Unit 457-503-0002-A - Spitfire
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
Private land within 500m	Private property	Present	Present	Coupe within .05 kilometres of Private Property. The private property is on the western side of the Warburton woods Point Road.	Letter of notification of planned harvesting and haulage activities sent to landholder on 24/02/2021. No further action	
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	LBPAG - LBP Known Colony Protection Reserve	0.97	0.97	VicForests Reserve VFSMP64 (LBP Colony Protection Reserve) located within 500m of coupe boundary.	VF Reserve is not within or adjacent to coupe boundary and will not be affected by harvesting. No further action.	
VF Reserve within 500m	FAUNA_LBP1A_HBT	2.15	2.15	VicForests Reserve VFSMP245 (LBP Habitat - Zone 1A) 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.	All VF reserve and identified LBP Zone 1A habitat has been marked out of the harvest unit. Harvest unit has been marked with pink tape with the use of GPS, Compass, clinometer, hipchain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit.
VF Reserve within 500m	MON_PGP_MA	0.54	0.54	Permanent Growth Plot (PGP25) VF Reserve located <500m west of the coupe boundary.	Permanent Growth Plot not within or adjacent to coupe boundary and will not be affected by harvesting. No further action required.	
VF SMA in coupe	Water SMA	39.42	39.42	Coupe located within Special Management Area (SMA) VFSMP69 (Thomson Catchment)	Harvesting analysis undertaken 08/04/2021 demonstrates compliance with rolling average of 150ha Ash and 15ha MS.	Harvest unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit.
VF SMA within 500m	Water SMA	150.57	150.57	Coupe located within 500m of Special Management Area (SMA) VFSMP69 (Thomson Catchment)	Harvesting analysis undertaken 08/04/2021 demonstrates compliance with rolling average of 150ha Ash and 15ha MS.	Harvest unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit.
Walking track in 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						
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 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	38.49	38.49	Coupe overlay indicates 38.49 ha of Ash Species within the gross coupe boundary.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.	Harvest unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit.
Allocation Order Stratum	Mixed Species	4.43	4.43	Coupe overlay indicates 4.43 ha of Mixed Species within the gross coupe boundary.	Harvest in accordance with the Allocation Order to VicForests and Code of Practice for Timber Production.	No pure stands of mixed species within harvest unit. Harvesting will be restricted to 0.5ha of the mapped mixed species allocation order. Harvest unit has been marked with pink tape with the use of GPS, Compass, clinometer, hipchain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit.
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	THOMSON RIVER (STAGES 1,1A,2)	39.42	39.42	Coupe located within THOMSON RIVER (STAGES 1,1A, 2)water supply catchment. Harvesting and Haulage Restrictions apply to this water supply catchment.	Harvesting analysis undertaken 08/04/2021 demonstrates compliance with rolling average of 150ha Ash and 15ha MS. Thomson River catchment restrictions: No harvesting slopes >30 degrees. Apply minimum buffer widths of 40m (major streams only) and filter widths of 10m. Seasonal closure access restrictions apply where no harvesting and associated activities allowed between 1 May - 30 November.	Harvest unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit. No harvesting will occur outside of catchments dates unless approval is gained.

Harvest Unit 457-503-0002-A - Spitfire
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 Catchment within coupe	UPPER GOULBURN	3.50	3.50	Coupe located within UPPER GOULBURN water supply catchment.	Upper Goulburn 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.	Harvest unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit. No harvesting will occur outside of catchments dates unless approval is gained.
Designated Water Supply Catchment within 500m	THOMSON RIVER (STAGES 1,1A,2)	111.16	111.16	Coupe located within 500m of Thomson River water supply catchment	Harvesting analysis undertaken 08/04/2021 demonstrates compliance with rolling average of 150ha Ash and 15ha MS. Thomson River catchment restrictions: No harvesting slopes >30 degrees. Apply minimum buffer widths of 40m (major streams only) and filter widths of 10m. Seasonal closure access restrictions apply where no harvesting and associated activities allowed between 1 May - 30 November.	Harvest unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit. No harvesting will occur outside of catchments dates unless approval is gained.
Designated Water Supply Catchment within 500m	UPPER GOULBURN	107.06	107.06	Coupe located within 500m of Upper Goulburn water supply catchment.	Upper Goulburn 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.	Harvest unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit. No harvesting will occur outside of catchments dates unless approval is gained.
Other water issues	Other water issues	[n/a]	Not Present	No action required		
Slope Class within coupe	0-20 Degrees	11.98	11.98	11.98 ha of slope between 0-20 degrees within coupe.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures, Utilisation Procedures and Thomson Catchment restrictions of minimum 20m buffers and 10m filters and no harvesting slopes >30 degrees.	Harvest unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit. No harvesting will occur outside of catchments dates unless approval is gained.

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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
Slope Class within coupe	20-25 Degrees	4.60	4.60	4.60 ha of slope between 20-25 degrees within coupe.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures, Utilisation Procedures and Thomson Catchment restrictions of minimum 20m buffers and 10m filters and no harvesting slopes >30 degrees.	Harvest unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit. No harvesting will occur outside of catchments dates unless approval is gained.
Slope Class within coupe	25-30	8.92	8.92	8.92 ha of slope between 25-30 degrees within coupe.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures, Utilisation Procedures and Thomson Catchment restrictions of minimum 20m buffers and 10m filters and no harvesting slopes >30 degrees.	Harvest unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit. No harvesting will occur outside of catchments dates unless approval is gained.
Slope Class within coupe	30+	17.42	17.42	17.42 ha of slope >30 degrees within coupe.	Harvest in accordance with the Code of Practice for Timber Production, Management Procedures, Utilisation Procedures and Thomson Catchment restrictions of minimum 20m buffers and 10m filters and no harvesting slopes >30 degrees.	Harvest unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit. No harvesting will occur outside of catchments dates unless approval is gained.
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 unit has been marked with pink tape and blue tape with the use of GPS, Compass, clinometer, hip chain and Rangefinder. Areas >30 degree slope have been marked out of the harvest unit. Permanent and temporary streams have been buffered out of the Harvest unit. No harvesting will occur outside of catchments dates unless approval is gained.



Harvest Unit 457-503-0002-A - Spitfire
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		
Leadbeater's Possum habitat in coupe (Modelled/Zone1A)	Modelled Leadbeater's Possum habitat	Not Present	Not Present	No action required		
Leadbeater's Possum habitat within 500m (Modelled/Zone1A)	Modelled Leadbeater's Possum habitat	Not Present	Not Present	No action required		
Old Growth Forest in coupe	* None found	0.00	0.00	No action required		
Old Growth Forest within 500m	* None found	Not Present	Not Present	No action required		
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	Not Present	No action required		
Spotted Tree Frog catchment within 500m		Present	Present	Coupe located within greater Taponga STF catchment but not within 1km upstream of known STF sites and not within STF Management Zones. No further Action.	STF catchment is adjacent to coupe boundary, but not within or adjacent to harvest unit. No further action.	
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		



Harvest Unit 457-503-0002-A - Spitfire
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 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	* None found *	Not Present	Not Present	No action required		
Threatened flora site within 500m of coupe	* None found *	Not Present	Not Present	No action required		
Threatened Species Observations in coupe	* None found *	Not Present	Not Present	No action required		
Threatened Species Observations in coupe	* None (issue will not be saved)	Not Present	Not Present	No action required		
Threatened Species Observations within 500m of coupe	* None found *	Not Present	Not Present	No action required		
Threatened Species Observations within 500m of coupe	* None (issue will not be saved)	Not Present	Not Present	No action required		
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	* None found	0.00	0.00	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.		

Harvest Unit 457-503-0002-A - Spitfire
FOREST OPERATIONS COUPE PLAN - SECTION 4
Forester Section - Coupe Management Actions

Issues identified						
5. Historical	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Aboriginal Cultural Sensitivity Area within 500m	* None found	0.00	0.00	Consultation with AV was undertaken during the TRP approval process. No registered Aboriginal Cultural Heritage sites were identified. No restriction to harvesting. No further action required.		
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	Present	Present	European Heritage (Settlement Site) was detected in the overlay process, within 500m on private property adjacent to the coupe.	Site is not within or adjacent to coupe boundary and will not be impacted by harvesting operations. No further action required.	
Historic tramway site in coupe	Historic tramway	Not Present	Not Present	No action required		
Historic tramways site within 500m of coupe	Historic tramway	Not Present	Not Present	No action required		
Other historical issues	Other historical issues	[n/a]	Not Present	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)	WARBURTON_WOODS_POINT_ROAD Foreground	40.48	40.48	40.48 ha of the coupe is within 0-500m of Warburton-Woods Point Road. The coupe is potentially visible from this location due to topography but any view is minimised due to screening vegetation within SMZ 457/01.	Within 500 m of Warburton-Woods Point Road, manage timber harvesting operations to ensure landscape alterations are temporary, subtle and not evident to the casual observer. Screen timber harvesting operations (except selective harvesting operations) and new road alignments from view. Use a minimum 20 m vegetation buffer and follow SMZ Plan (VFSMP416) to ensure integrity of SMZ is maintained.	Patch retention will be used within the Harvest unit to ensure that it is subtly apparent within 5 years of the operation. 50m & 20m road buffers has been marked in the field with pink tape & blue tape with the use of GPS, Compass, clinometer, hipchain and Rangefinder.

Harvest Unit 457-503-0002-A - Spitfire
FOREST OPERATIONS COUPE PLAN - SECTION 4
Forester Section - Coupe Management Actions

Issues identified						
6. Landscape	Value	Identified by spatial overlay as	Identified during manual check as	Value Description	How the value will be managed	Management Action Taken or Prescription Applied
Landscape Issues in coupe	Special Management Zone	4.51	4.51	Overlay process identified Sensitive View area within coupe. this is SMZ 457/01 Landcape - Warburton-Woods Point Road.	Within 500 m of Warburton-Woods Point Road, manage timber harvesting operations to ensure landscape alterations are temporary, subtle and not evident to the casual observer. Screen timber harvesting operations (except selective harvesting operations) and new road alignments from view. Use a minimum 20 m vegetation buffer and follow SMZ Plan (VFSMP416) to ensure integrity of SMZ is maintained.	Patch retention will be used within the Harvest unit to ensure that it is subtly apparent within 5 years of the operation. 50m & 20m road buffers has been marked in the field with pink tape & blue tape with the use of GPS, Compass, clinometer, hipchain and Rangefinder.
Middleground issues (500m-6.5k)	MATLOCK_v Middleground	0.21	0.21	0.21 ha of the coupe is within 500m-6.5km of Matlock. The harvest unit coupe is not visible from this location due to topograhly and screening vegetation.	No further action	
Middleground issues (500m-6.5k)	WARBURTON_WOODS_POINT_ROAD Middleground	1.70	1.70	1.7 ha of the coupe is within 500m-6.5km of Warburton-Woods Point Road. This area of the coupe is not within the harvest unit and is not visible from this location due to topograhly and screening vegetation.	No further action.	
Other landscape issues	Other landscape issues	[n/a]	Not Present	No action required		
Outer issues (6.5k - 12km)	* 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
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		



Harvest Unit 457-503-0002-A - Spitfire
FOREST OPERATIONS COUPE PLAN - SECTION 4
Forester Section - Coupe Management Actions

Issues identified						
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]	Isolated	Some blackberries are present in coupe		
<i>End of Forest Operations Coupe Plan Section 4</i>						



Harvest Unit 457-503-0002-A - Spitfire
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 457-503-0002-A - Spitfire
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 457-503-0002-A - Spitfire
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