



LOCALITY MAP
Western Region - Harvest Plan



Management Area: FORBES

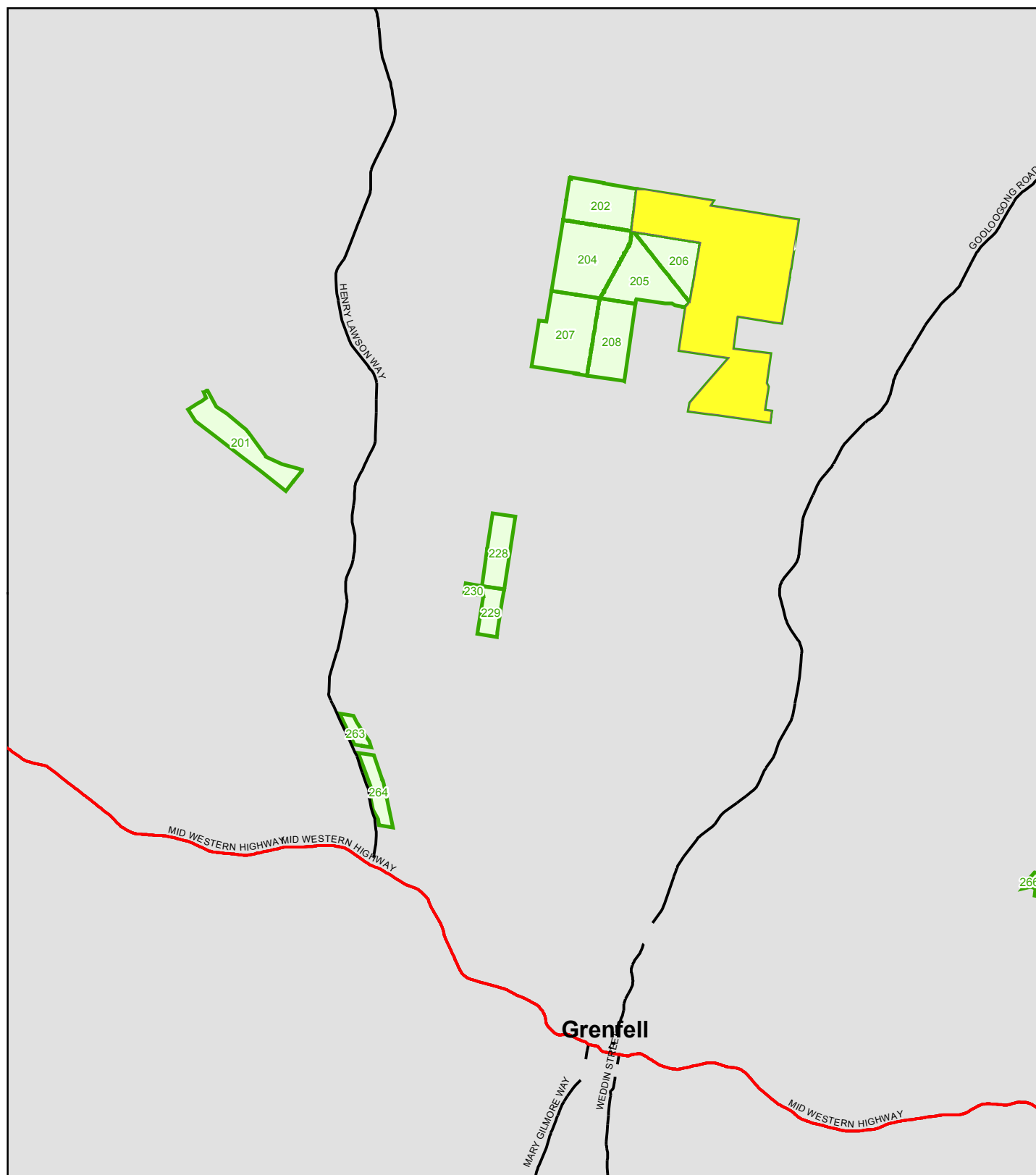
State Forest No: 199

Scale: 1:150,000

State Forest Name: Warraderry

Compartment: 203, 209 - 213

Compartment Area: 1394 ha



Kilometres

- Highway
- Roads
- Major Drainage

- Compartment(s) of interest
- State Forest

HARVEST PLAN OPERATIONAL MAP

Date: 11.10.2017

Western Region - Harvest Plan WCI1515

State Forest Name: Warraderry

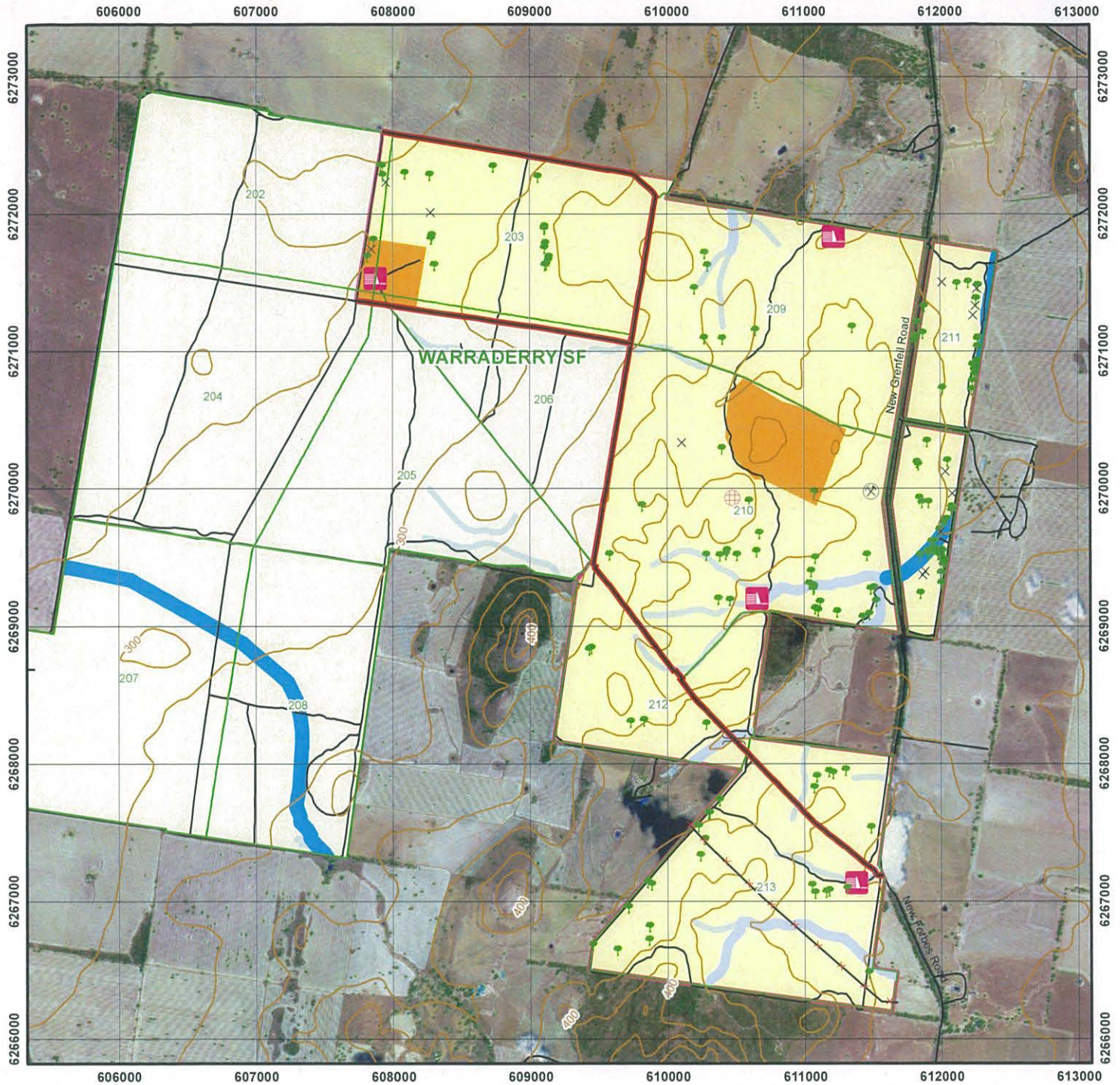
Compartment: 203, 209-213

Approved:

[Signature]
R. Reginald Morgan



Scale: 1:40,000



General Features

- Tree (as per IFOA 244 (1)g1)
- Mine Shaft (unused)
- Log Dump (permanent)
- Log Dump (temporary)
- Trig Point
- Contour
- Transmission Line
- Railway
- Heritage Points
- Stick nest

Roads

- Highway
- Road
- Crossing

Roads Class

- Operation
- Proposed

Water Features

- Drainage
- Dam

Boundaries

- Compartment of Interest
- State Forest Boundary
- NPWS
- NSW Topo

Drainage Buffers

- 50m Stream Buffer (5th Order)
- 40m Stream Buffer (4th Order)
- 30m Stream Buffer (3rd Order)
- 20m Stream Buffer (2nd Order)
- 10m Stream Buffer (1st Order)

Other Exclusions

- EEC
- Wetlands
- Heath
- Rocky Outcrop

Non-Harvest Area

- Special Protection (FMZ 1)
- Special Management (FMZ 2)
- Harvesting Exclusion (FMZ 3A)
- Flora/Fauna Exclusion Units

Harvest Area

- Available for Harvesting (FMZ 4)
- Modified Harvest Area (FMZ 3B)

Date Print: 7/09/2017

This map is produced on the Geodetic Datum of Australia 1994 (GDA 94)
Map Grid of Australian (MGA) - Zone 55

FORESTRY CORPORATION OF NSW - WESTERN REGION

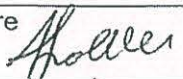


NATIVE FOREST HARVESTING PLAN No. WCI1515

Refer: FPC 2010/01

Warraderry State Forest - Compartment 203, 209-213

Certification

This plan has been prepared in accordance with the Integrated Forestry Operations Approval issued under the Forestry and National Park Estate Act 1998. The Standard Harvest Plan Conditions for Native Forest Operations in Western Region – South-Western Cypress v.3 apply to this operation.

Prepared by: S Gralleis Asst District Manager	Endorsed by: Ross Irvine Environment & Resources Mgr	Approved by: Andrew O'Brien Senior Manager
Signature 	Signature 	Signature 
Date 4/9/2017	Date 7/9/2017	Date 10/10/2017

Note: Approval includes the Harvest Plan Operational Map (HPOM) with the corresponding approval date displayed on the map, verifying final approved version. Locality and forest type maps may be included for information only and do not form a part of this approval.

PRE-OPERATIONAL BRIEFING (SUPERVISING FOREST OFFICER ACKNOWLEDGMENT)

I confirm that I have received a copy of the Harvest Plan for the above Compartment. I have been briefed on the conditions of the Plan. I understand the requirements for supervision and operational control as explained to me by the Forest Manager or his/her delegate.

SUPERVISING FOREST OFFICER: _____

Signature: _____ Date: _____

PRE-OPERATIONAL BRIEFING (LICENSEE/CONTRACTOR ACKNOWLEDGMENT)

No operations may commence under this Harvest Plan before the Licensee/contractor has received a formal pre-operational induction by FCNSW and written approval to commence operations.

I confirm that I have received a copy of this Harvest Plan and that:

- ☐ I understand the conditions of the Plan,
- ☐ I will inform all relevant people not present at this briefing, prior to them starting operations, of these aspects of the Plan, as explained to me by a Forestry Corporation officer.

Signature: _____ Name: _____ Date: _____

Position: _____ Licence No: _____

Principal licensee/contractor/other (explain)

Description of Proposal

White cypress sawlogs and green residue will be harvested under regulation of the Integrated Forest Operations Approval for South-Western Cypress Region.

The operation will use mainly mechanical harvesting and processing to produce logs and forward them to dumps. The logs will be removed from the forest by truck.

Natural regeneration is planned. No after-harvest burning or planting is proposed.

No construction, reopening or upgrading of roads or bush tracks is proposed.

Area Identification and Yield Estimates

State Forest	Compartment/s	Region	Management Area	Plan Number
Warraderry	203, 209-213	Western	Forbes	54801

COMPARTMENT	203	209	210	211	212	213
Plan Compartment ID	124226	124227	124228	124229	124230	124231
Gross Area (ha)	227.5	252.7	362.1	122.0	138.1	291.7
Net Harvest Area (ha)	227.5	112.3	244.9	nil	138.1	291.7
High Density Area (Y/N)	Yes – calculated for entire tract.					
Estimated Yield Cypress Sawlog (m ³ or t)	1250-1350 cu.m	200-250 cu.m	1200-1250 cu.m	nil	100-150 cu.m	150-200 cu.m
Estimated Yield Residue (t)	50	100	100	nil	50	50

Note: The Gross Area, or net mapped operational area, is 1394 ha approximately. In accordance with clause 32 of the South-Western Cypress IFOA areas selected for logging must not exceed 80% (NHA) of the net mapped operational area. Harvesting operations will be closely monitored by the most appropriate method to ensure compliance.

Silviculture and Harvesting Prescriptions

The planning area has a long history of silvicultural treatment with reliable records going back to the 1950's.

The mature cypress stands within this forest were established during regeneration events in the 1890's. They have been thinned on several occasions from the 1950's to the 1990's with the last harvesting event occurring in 1993.

Throughout these compartments there are significant areas of Black Pine and ironbark spp, and additional areas of other hardwood species.

Regeneration has established as a result of this disturbance and created conditions suitable for release harvest.

The compartments in the harvest area have variously had chemical TSI treatment in the 1960's. Compartment 211 had significant rabbit treatment in the 1960's

The area of each silvicultural treatment must be mapped and recorded in the Post-logging information section of this plan.

Silvicultural Planning

The 'release' operation is aimed at releasing established regeneration from competition with the mature overstorey. Once released, the stand will require thinning in the next 20-25 years.

The cypress thinning operation is aimed at reducing smaller, competing stems and co-dominant trees of poor form whilst concentrating growth on the retained, higher quality, future sawlogs. This stand will require further thinning in around 10-20 years.

Harvesting Prescription

Stand type	% of net area	Area (refer to HPOM for details)	Treatment Refer to <i>Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – South-Western Cypress v.3</i> for more detail.
Mature Cypress with adequate regeneration.	75%	Comp'ts 203, 209, 210, 212, 213	<ul style="list-style-type: none"> Release cypress silviculture.
Mature Cypress without regeneration	25%	As above	<ul style="list-style-type: none"> Thinning silviculture

The SFO will ensure that all relevant tree retention and silvicultural prescriptions are met during harvesting operations.

The operation must, as far as practicable, not damage individual plants of good form regeneration or sapling size of white cypress, especially where there are few others nearby.

Tree Marking

The area will be tree marked for **retention**. The operation must, as far as practicable:

- For the allowed species, fall each tree not marked for retention, unless it clearly does not meet the product standard, and
- Not fall or damage trees marked for retention, or marked as boundary trees.

4. Special Conditions

The primary access road for this harvest area is shared with the primary access to the nearest neighbour's property. The neighbour shall have permitted access at all times, which with close liaison will minimise any risk.

During the Pre-harvest survey a derelict mine shaft was found (MGA: 611493/ 6269983 as shown on HPOM). Any others found during mark-up will be buffered on the ground.

Critical boundaries

The harvest area is bounded by roads and fences on all sides. Refer to the Operational map for more detail. Marking of the compartment boundary is not proposed.

Private Property – not applicable

National Park – not applicable

Research / Inventory Plots

No current research plots or trials are known in this compartment.

There are a number of temporary inventory plots within the harvest area which, if found, should be treated under normal harvesting prescriptions.

Leases/OPs

The area is or may be subject to grazing under Grazing Permit.

Infrastructure

- Fences. No fence may be damaged except at places approved by the Supervising Forest Officer. Any damage to a fence by the Contractor must be immediately reported to the lessee via the Supervising Forest Officer and fixed immediately by the Contractor.
- Gates and roads. The Contractor must keep the gate(s) on the property as found (open or closed). Existing roads must not be blocked or damaged. Any damage must be repaired immediately.
- Debris. Logging debris must be prevented from accumulating within 5 metres of any protected tree during a logging operation. If it does accumulate, then it must be flattened to a height less than one metre, minimising disturbance to the ground.
- Apiary Sites. A 20m buffer must be applied around each bee hive encountered.

Transmission Lines/Cables/Pipelines

An electrical transmission line occurs in compartment of 213.

Contractors are reminded that if they encounter a transmission line then:

- *Harvesting machinery must not operate within 20m of this transmission line.*

Forest Management Zoning Conditions

FMZ 3B Two sites exist, for which the following prescriptions will be followed:

- Cpt 203, south west corner: 3BWGhPgbwg/box-w/cypress. This recognises grassy box woodland. Management aims are to maintain grassy understorey and open canopy, from which white cypress pine is to be removed.

After first identifying and demarcating any EEC's, white cypress will be removed to retain at least 25 trees per hectare with a dbhob of 10 cm or greater, while ensuring compliance with clause 198 of the SW Cypress IFOA-Retention of large white cypress trees.
- Cpt 210, along northern boundary with cpt 209: 3BWGhPxxxmug/ironbark. This recognises 'mugga/ironbark' mix. The management aims are to maintain persistence of large-crowned trees and floristic diversity. All operations will be excluded.

FMZ 4 'General Management' occurs within the compartment (shown on HPOM). Normal harvesting prescriptions apply in this area.

Cultural Heritage Conditions

There are a number of non-Aboriginal cultural heritage sites (mine shafts) known in the harvest area. These will be appropriately buffered.

If a site that might be a cultural heritage site is found:

- Its location must be promptly reported to the Forestry Office via Supervising Forest Officer.
- A 20m no-harvest zone must be applied around this site until advised otherwise

Flora and Fauna Conditions

The SFO must search for threatened species and mark-up the block as per the Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – South-Western Cypress v.3.

Mark-up Conditions

Refer to Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – South-Western Cypress v.3 for prescriptions.

Tree retention Conditions

Refer to Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – South-Western Cypress v.3 for prescriptions.

Site-Specific Conditions, Exclusion Zones & Modified Harvest Areas

There are no known areas of heath, or cliffs occurring within the net operational area that need additional harvest exclusions or modified harvesting zones implemented. However, an area of rocky outcrops was identified during the traverse (see HPOM). These and any others found will have harvest exclusions implemented.

Species indicative of EEC's i.e. grey box, white box and yellow box were found during the traverse survey. These species are not shown on the Operational Map.

The SFO should watch out for any of these areas that may occur, and record them in their SFO notes and on their maps, and apply appropriate protection.

Large habitat trees (LHTs) recorded during traverse survey are shown on the operational map. Additional LHTs may be identified as mark-up progresses.

Refer to Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – South-Western Cypress v.3 for prescriptions.

Species Known or Likely to Occur

Stick nests of unknown species were recorded in the traverse (see HPOM). The SFO should watch out for these and any others and apply prescribed protection around them if found.

There are records of the sighting of the 'Dusky Woodswallow', a species which was recently listed on the *TSC Act* (now *Biodiversity Conservation Act*). During harvesting operations the SFO must check for active nests of this species and if found demarcate a 100m exclusion zone, record their location in the OHP and show this on the OHP map at the completion of the operation (refer to the species information provided).

Contractors and supervisory staff must immediately report any sightings of *TSC Act*, Schedule 1 and 2 species to the Supervising Forester. Appropriate action must then be taken, which may include amending the Harvesting Plan to include additional prescriptions if necessary. Refer to Section 6 and/or Section 6.2 of the Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – South-Western Cypress v.3.

Fisheries Licence Conditions

Applicable Fisheries Licence conditions are detailed in the South-Western Cypress – IFOA. Refer to Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – South-Western Cypress v.3 for prescriptions.

Soil and Water Protection Conditions

Applicable Environmental Protection Licence conditions are detailed in the South-Western Cypress – IFOA. Refer to Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – South-Western Cypress v.3 for prescriptions.

Site-specific EPL conditions – The following features occur within the planned area. Refer to operational map for more detail.

Elements	Conditions
Unmapped Drainage Lines	5m Drainage Feature Protection Zone
1st order mapped drainage line or mapped drainage depression	10m Drainage Feature Protection Zone
2nd order mapped drainage line or mapped drainage depression	20m Drainage Feature Protection Zone
3rd order mapped drainage line or mapped drainage depression	30m Drainage Feature Protection Zone
Dams	10m

It is the responsibility of the SFO to identify any exclusion areas which will need to be crossed during harvesting. The SFO should then contact the Planning Officer to obtain the necessary approval.

There is one forest road drainage line crossing over an existing crossing that is anticipated for use (see table below).

Two drainage lines shown on the map (MGA: 610038/6268692 and MGA: 609734/6271030) have not been observed in the field.

If any more drainage line crossings are required then sufficient notice (at least 1 week) is required to enable soil samples to be taken for sediment testing and to support Schedule 3 approvals. Additionally, details are to be recorded in the table below:

Drainage Feature	Road / Bush Track / Extraction Track	Soil Dispersibility Assessment Date (IFOA Clause 299)	Regional Manager / EPA Approval Date or N/A
Un-named drainage feature	Forest road	28/02/2017	

Copies of the Schedule 3 Approvals must be attached and any site-specific prescriptions in those approvals must be applied as conditions of this plan

Road Works Conditions

Nil required.

Legal Conditions

This operation may only proceed while this operational plan, the relevant site safety plan and the Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – South-Western Cypress v.3 are held on site.

This operation must comply with the following:

- ☐ Standard Harvest Plan Conditions for Native Forest Operations in Western Region – South-Western Cypress v.3
- ☐ Tree-marking Protocol for Native Forest Operations in Western Region – South-Western Cypress
- ☐ Licence conditions issued by Forests NSW under the Forestry Act (2012).
- ☐ Forest Practices Code, Part 2, Timber Harvesting In Native Forests (4th edition 1999).
- ☐ Forest Practices Code, Part 4, Forest Roads and Fire Trails (1999).
- ☐ Integrated Forestry Operations Approval issued under Part 4 of the Forestry and National Parks Estate Act 1998 (IFOA) as amended July 2013 including associated licences:
 - Threatened Species Conservation Licence (TSCL) issued under the Threatened Species Conservation Act 1995
 - Fisheries Management Licence issued under Part 7 (Div 3) Fisheries Management Act 1994
 - Environmental Protection Licence (EPL) issued under the Protection of the Environment Operations Act 1997.

Supervising Forest Officer's Notes

[illegible]

Certificate Of Clearance To Move From Current Compartment(s)

To: _____, Supervising Forest Officer.

I request approval to move my logging crew and all associated machinery from Compartment(s) _____ in _____ State Forest to the next area in accordance with Section 5.5 of the Forest Practices Code Part 2 Timber Harvesting In Native Forests.

I certify that:

- ☐ all permanent roads, trails and mitre drains have been cleared of harvesting debris;
- ☐ butt damage to retained trees has been kept to acceptable limits;
- ☐ all trees marked for removal have been felled;
- ☐ utilisation limits have been satisfactorily met;
- ☐ stump heights conform to requirements;
- ☐ all hanging trees have been brought down;
- ☐ all log dump sites have been satisfactorily restored as required;
- ☐ harvesting debris is not accumulated around retained trees;
- ☐ all accumulated litter has been disposed of properly;
- ☐ all modified harvesting conditions have been complied with;
- ☐ all snig track and road drainage has been installed satisfactorily and other required rehabilitation work has been completed;
- ☐ all necessary repairs to damaged roads, signs, fences and other structures have been carried out.

I believe that I have met all my obligations under the conditions of the Timber Licence that applies to the area just completed and any N&PW Act Licence that applies to the area just completed, as stated in this Harvest Plan.

Signature: _____
Licensee/Contractor

Licence No: _____

Date: _____

As a result of inspections of the logging operations carried out in accordance with this Harvest Plan, I am satisfied that, to the best of my knowledge, the harvesting licensee/contractor responsible for this harvesting operation has satisfactorily completed all work. Approval is given for her/him to remove her/his machinery and equipment and leave the area/commence operations in another harvesting plan area, being:

Compartment(s): _____, in _____ State Forest.

This clearance does not release the licensee/contractor from any obligation to undertake any remedial work if deficiencies, found during any inspections of the area made within 12 months of the date of this post-harvesting inspection, are shown to have resulted from inadequate practices during the harvesting operation.

Date of last inspection of the area by the Supervising Forest Officer: _____

Supervising Forest Officer _____
Signature Name

Date: _____

HARVEST PLAN AMENDMENT RECORD

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Amendment No. & type			Date Prepared	Amendment Details	All Copies Amended	Signature
Number	Major	Minor				
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Note: The purpose of this log is to track amendments to the Harvest Plan from time of first approval. All maps, Harvest Plans etc. are to be clearly identified with a version # and date so that changes to the Plan may be clearly identifiable. The Harvest Planner is responsible for ensuring all amendments are implemented, recorded and filed

Supervising Forest Officer's Hand-Over Acknowledgment

I confirm that I have received a copy of the Harvest Plan for the above Compartment. I have been briefed on the conditions of the Plan and the progress of the operation. I understand the requirements for supervision and operational control, as explained to me by the current SUPERVISING FOREST OFFICER.

Signature: _____

Date: _____

Position: Incoming Supervising Forest Officer

Signature: _____

Date: _____

Position: Incoming Supervising Forest Officer

Signature: _____

Date: _____

Position: Incoming Supervising Forest Officer

Signature: _____

Date: _____

Position: Incoming Supervising Forest Officer

Signature: _____

Date: _____

Position: Incoming Supervising Forest Officer

Signature: _____

Date: _____

Position: Incoming Supervising Forest Officer

RECORD OF INCIDENTAL THREATENED PLANT OR THREATENED FAUNA FEATURE SIGHTING

- For each occurrence/population sighted/identified, a separate form 5 must be filled out and provided to the Region Ecologist as soon as practicable. The details must also be recorded on this form in the Supervising Forest Officer's copy of the operational plan, with the date the separate form 5 went to the Ecologist.
 - Some features or species require no further prescription but should still be recorded while other features or species require an immediate prescription and/or further survey before logging may continue in the vicinity.
 - Locations of species/features recorded on this form should be noted on the operational map.
- IR form = incidental record form 5. ECO = Regional Ecologist

[illegible]

Supervising Forest Officer's Post-Harvesting Notes

Record significant circumstances about harvesting this area. Draw or attach an annotated operational scale map.

ACTUAL AREA HARVESTED (by silvicultural treatment)

Treatment	code on map	Area (ha) treated	REGEN QUALITY			REGEN DENSITY			COMMENTS
			Good	Fair	Poor	Dense	Fair	sparse	
THINNED	T1								
	T2								
RELEASED	R1								
	R2								
SALVAGE	S1								
	S2								
Not Harvested	NH1								
	NN2								
	NH3								

POSSIBLE NEXT HARVEST

C = cypress H = hardwood

		Main product type (put C or H in each relevant cell)	Anticipated volume		
			High	Medium	Low
Code on map	Comment	High quality large sawlog			
		High quality small sawlog			
		Low quality sawlog			
		Fencing/posts			
		Vineyard posts (cypress)			
		Residue			
		Habitat trees / Non-merchantable			
	<input type="checkbox"/> 0 to 5 years to next harvest				
	<input type="checkbox"/> 5 to 10 years to next harvest				
	<input type="checkbox"/> 10 to 20 years to next harvest				
	<input type="checkbox"/> 20 to 30 years to next harvest				
	<input type="checkbox"/> 30 plus years to next harvest				

1. Noxious or environmental weed problems; high levels of feral animal use.

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2. Sites of soil erosion for attention.

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3. Boundary compromised; neighbour issues resulting from logging or haulage.

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4. Operation map errors for attention (e.g. forest type; roads) of appropriate staff (e.g. GIS, Planner)

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5. Any other comments – SUPERVISING FOREST OFFICER / FA / Forester

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RECORD OF BASAL AREA SWEEPS OF ALL RETAINED STEMS - 10cm dbh or larger

Date (and GPS grid ref optional)	Before or after harvest	Category	Component			
			All trees	White cypress	Ironbark	Other species
	<input type="checkbox"/> Before OR <input type="checkbox"/> After	merchantable				
		pre-merch				
		non-merch				
		total				
		trees marked for (circle correct one): retention / removal				
	<input type="checkbox"/> Before OR <input type="checkbox"/> After	merchantable				
		pre-merch				
		non-merch				
		total				
		trees marked for (circle correct one): retention / removal				
	<input type="checkbox"/> Before OR <input type="checkbox"/> After	merchantable				
		pre-merch				
		non-merch				
		total				
		trees marked for (circle correct one): retention / removal				
	<input type="checkbox"/> Before OR <input type="checkbox"/> After	merchantable				
		pre-merch				
		non-merch				
		total				
		trees marked for (circle correct one): retention / removal				
	<input type="checkbox"/> Before OR <input type="checkbox"/> After	merchantable				
		pre-merch				
		non-merch				
		total				
		trees marked for (circle correct one): retention / removal				
	<input type="checkbox"/> Before OR <input type="checkbox"/> After	merchantable				
		pre-merch				
		non-merch				
		total				
		trees marked for (circle correct one): retention / removal				
	<input type="checkbox"/> Before OR <input type="checkbox"/> After	merchantable				
		pre-merch				
		non-merch				
		total				
		trees marked for (circle correct one): retention / removal				
	<input type="checkbox"/> Before OR <input type="checkbox"/> After	merchantable				
		pre-merch				
		non-merch				
		total				
		trees marked for (circle correct one): retention / removal				

BA is measured at 1.3m above the ground, and does not include stems less than 10cm diameter at that point.

Operational plan distribution and amendment control sheet ('DACS')

Date approved by RM		Plan number	See page header	State Forest or Property/County	See page header
Date Environment & Resources Manager review is required				Compartment or Parish/Portion or Lot/DP	See page header

Amendment: Normally the supervising Forester would amend the Office, Forester and SFO copies on explaining the amendment to the SFO, and should annotate the Amendment record (Form 11) in them. The SFO (or Forester as applicable) should amend the bush crew copy/copies when explaining it to the bush operators, and should annotate the Amendment record (Form 11) in it/them.

Plan copy	Name of recipient	Delivery to recipient			Amendment affected in plan copies										Plan recall	
		Method H = hand E = email M = mail	Date done	By (initials)	1		2		3		4		5		Date received	Date destroyed
					Date done	By (initials)	Date done	By (initials)	Date done	By (initials)	Date done	By (initials)	Date done	By (initials)		
RO																
Ops Centre																
Supervising Forester																
SFO																
Bush crew supervisor																
Contractor																
Customer																

CERTIFICATION OF COMPLETION OF THE OPERATION

This checklist is intended to comprise the top page in the planning documentation folder / wallet

Region:	see page header	State Forest OR	see page header
		County/parish	
Management Area:	see page header	Compartment OR	see page header
		Portion, lot/DP, property	

Tick when added to set	Documentation	Comment
1. <input type="checkbox"/>	Data search results – flora and fauna	
2. <input type="checkbox"/>	Data search results – indigenous cultural heritage	
3. <input type="checkbox"/>	Data search results – non-indigenous cultural heritage	
4. <input type="checkbox"/>	Copy (if any) of the flora/fauna survey report(s) (Ecologist retains the original survey data sheets)	
5. <input type="checkbox"/>	Copy (if any) of the indigenous cultural heritage survey report(s) and original data	
6. <input type="checkbox"/>	Copy (if any) of the non-indigenous cultural heritage survey report(s) and original data sheets	
7. <input type="checkbox"/>	Records of consultation with regulators, including specific license, consent, concurrence, etc (eg individual s120 TSL, Native Veg Act consent, concurrence from RLPB)	
8. <input type="checkbox"/>	Records of consultation with lessees and/or permittees	
9. <input type="checkbox"/>	Records of consultation with stakeholders and the community	
10. <input type="checkbox"/>	Copies of notifications sent (eg neighbours, Lands)	
11. <input type="checkbox"/>	Environmental impact assessment	
12. <input type="checkbox"/>	Due diligence checklist (form 10.1)	
13. <input type="checkbox"/>	Quality control checklist (form 10.2)	
14. <input type="checkbox"/>	Operational plan with signed approval pages	
15. <input type="checkbox"/>	The Distribution Control Sheet for the plan	
16. <input type="checkbox"/>	The Amendment Control Sheet for the plan	
17. <input type="checkbox"/>	Copies of all revisions of and amendments to the plan	
18. <input type="checkbox"/>	Supervising Forest Officer's copy of the plan, with diary notes (form 4), incidental records (eg forms 5, 20, 22), briefing records, post-harvest notes (form 6), other notes/annotations	
19. <input type="checkbox"/>	Completed clearance certificate (form 7) – only harvesting	

I certify that:

- ☐ This file contains all documents associated with planning, implementation and recording for this operation as identified in the table above and is complete for internal/external audit purposes;
- ☐ The relevant information from them has been transferred to the compartment history data set; *and*
- ☐ The Region's geodatabase has been updated for the area completed in this operation.

Position	Signature	Date
Comment		

SCHEDULE 3 – PROPOSED OPERATIONS REQUIRING ASSESSMENT AND APPROVAL

Part 1 – Proposed Operations Requiring Assessment and Regional Manager's Approval

The field assessment to determine the suitability of the proposal must be undertaken by a suitably qualified person. This assessment forms part of the Operations Register.

Event ID (if applicable)	Operational plan code	State Forest OR other identifier (if not SF – eg county parish, lot DP, etc)	Compartment OR other identifier (eg property, lease)	Location/s (grid reference/s) shown on attached operational map	Co-ordinates system: <input type="checkbox"/> AMG 66 <input checked="" type="checkbox"/> MGA 94
54801	WCi1515	Warraderry SF	212	610469/ 6268198	

Activity requiring this report	Tick the boxes relevant to the proposed action	Relevant IFOA clause
<input type="checkbox"/> maintain a dam / tank (attach the report required by the IFOA)		Clause 295
<input type="checkbox"/> construct / <input checked="" type="checkbox"/> re-open / <input type="checkbox"/> upgrade A <input checked="" type="checkbox"/> road / <input type="checkbox"/> bush track / <input type="checkbox"/> fire trail through: AND / OR <input type="checkbox"/> remove (by snig/forward) timber [including <input type="checkbox"/> construct, create or re-open an extraction track before it can be removed] through (with no TSp record on the route):	<input checked="" type="checkbox"/> a drainage feature protection zone <input type="checkbox"/> heath or rocky outcrop/cliff ESA <input type="checkbox"/> a Zone 3A ESA/FMZ 2 or 3A <input type="checkbox"/> ESA for Part 2 Box Gum Woodland EEC <input type="checkbox"/> ESA for Part 2 Inland Grey Box Woodland EEC <input type="checkbox"/> ESA for Sandhill Pine Woodland EEC <input type="checkbox"/> EEC	Clauses 28, 115, 129, 160, 271 and 286
Quantity of product that would otherwise be inaccessible: about m ³ /t		

1. Dimensions of the area of protection zone or ESA that will be affected by the activity Other explanation / details are <input type="checkbox"/> attached	Length <u>40</u> m x Width <u>5</u> m	Tick the boxes relevant to the proposed action
2. For construct/open/upgrade a road/track/trail and/or remove timber (including extraction track work) through the zone:	<input checked="" type="checkbox"/> There is no practicable alternative route available – an explanation is attached.	
3. Ameliorative measures to reduce impacts on environment (including threatened species, threatened species habitat or water quality) will include	Application of: <input checked="" type="checkbox"/> IFOA conditions, <input type="checkbox"/> Other standard conditions (list is attached). <input type="checkbox"/> The attached site-specific measures.	
4. Threatened plant species records within 50m of the activity: Threatened animal species records within 100m of the activity:	<input checked="" type="checkbox"/> There are no records. OR <input type="checkbox"/> The attached site-specific measures limit risk to the species. <input checked="" type="checkbox"/> There are no records. OR <input type="checkbox"/> The attached site-specific measures limit risk to the species.	
5. Barriers/threats to threatened animal species Other explanation / details are <input type="checkbox"/> attached.	<input checked="" type="checkbox"/> The activity is not likely to create a barrier to the movement of threatened animal species. <input checked="" type="checkbox"/> The activity is not likely to increase the threats to threatened animal species.	
6. Habitat features Other explanation / details are <input type="checkbox"/> attached.	<input checked="" type="checkbox"/> The activity is not likely to significantly affect important habitat features, such as hollow-bearing trees, waterbodies or threatened species habitat.	
7. Introduction of pests and weeds Other explanation / details are <input type="checkbox"/> attached.	<input checked="" type="checkbox"/> The activity is not likely to increase the presence of pests or weeds. OR <input type="checkbox"/> The attached site-specific measures limit risk posed by possible pests and weeds.	

Prepared
by
FCNSW

4.1.9.11.7 (date)
[Signature] (signed)
S Grallelis (name)

Asst Dist Mgr
(position)

Authorised

by 11/10/12 (date)
FCNSW (name)

(signed)

(name)

AJ Regional Manager
(position)

Further information as indicated on page 1 – FNSW Regional Manager approval form

1	Area of zone/ESA affected	Shallow drainage feature, in which large gravel will be used to stabilise the crossing to IFOA standards (Part 5.4, cl 345).
2	Confirm the absence of a practicable alternative route	An alternative route along the northern boundary of the forest was inspected but found to be impractical to use.
3	Specific measures to limit risk to threatened species, their habitat, and water quality	The forest is a well established, existing road. The IFOA standard conditions will be followed.
4	Site-specific measures to limit risk to:	<i>[include the species and proximity to the activity site]</i>
	* Threatened plant species within 50m	Nil Effect: Preharvest Survey Report (PHS-15-Forbes-202 to 213-01), (dated 19/12/2016), indicated no species of concern recorded in desktop or traverse survey, within 50 m. On-site inspection on 28/2/2017 identified no TS.
	* Threatened animal species within 100m	Nil Effect: PHS (see above) recorded sightings of Grey Crowned Babbler and Brown Treecreeper, most recently in 2008, but not within 100m of site.
5	Barriers/threats to threatened animal species	Nil anticipated.
6	Habitat features	Nil effect.
7	Introduction of pests and weeds	Nil effect.