











LOCALITY MAP

Western Region - Harvest Plan WBcfi1611

State Forest PILLIGA EAST

Compartments 500,501,502,
503,504,505

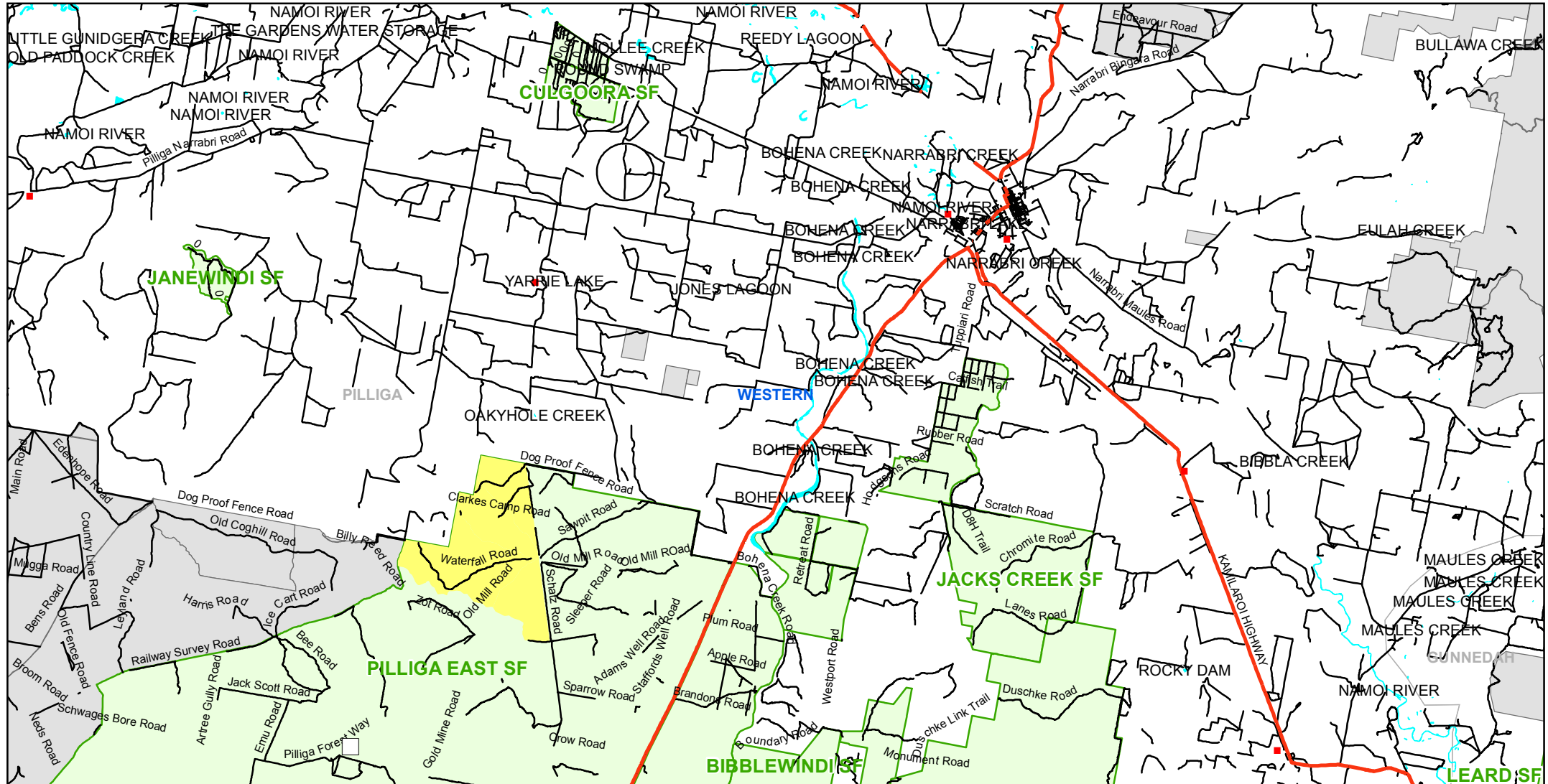
Legend

-  Western Region non_indigenous heritage GIS table Events z55
-  ALLLocalities
-  RoadsHwy
-  Roads
-  Compartments_of_interest
-  Water Bodies
-  Management Boundary
-  NF Region Boundary
-  State Forest
-  NPWS

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



Scale: 1:300,000



HARVEST PLAN OPERATIONAL MAP 1

Date: 19/7/17

Western Region - Harvest Plan WBcf1611

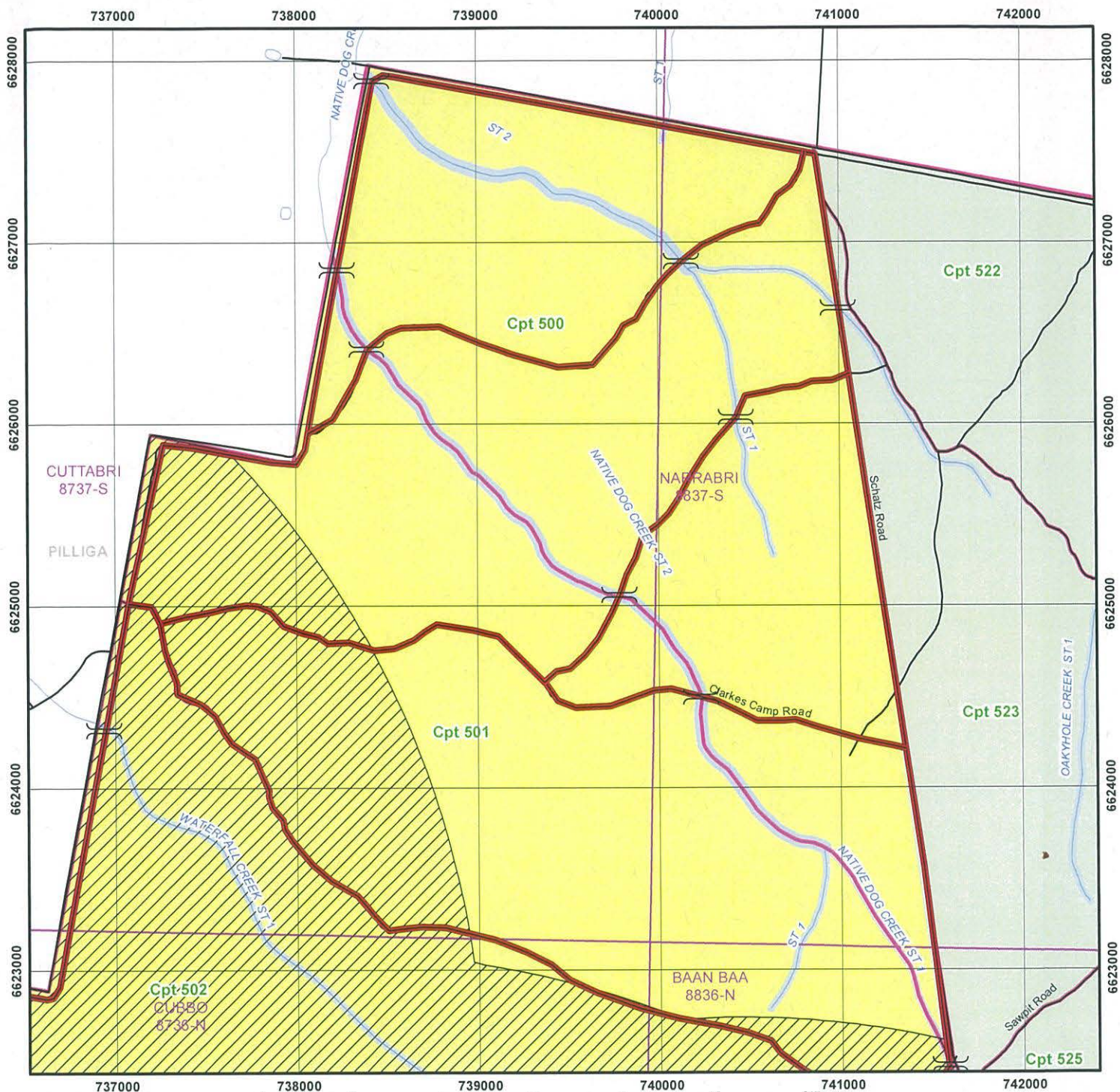
State Forest Name: Pilliga East

Compartments: 500, 501, 502, 503, 504, 505

Approved: *[Signature]*



Scale: 1:30,000



Legend

- | | | | |
|---|-------------------------------|----------------------|--------------------------------|
| Grey crowned Babbler nest | Inventory/Research Plots | Compartment | Special Protection (Zone 1) |
| Regional Cities | FenceLine | Compartment Boundary | Special Management (Zone 2) |
| Dam | Electricity Transmission Line | NPWS | Harvesting Exclusion (Zone 3A) |
| Operational road | Railway | NSW Topo | Harvest Area |
| State forest | Highway | 3ANSsNst5St Ord 5 | State Forest |
| Pterostylis_cobarensis_exclusion | Roads | 3ANSsNst4St Ord 4 | |
| Modified_Harvest_Area | Drainage | 3ANSsNst3St Ord 3 | |
| Dam Polygons | Waterbody | 3ANSsNst2St Ord 2 | |
| Western Region non_indigenous heritage GIS table Events z55 | Management Boundary | 3ANSsNst1St Ord 1 | |
| AHIMS | | | |
| Crossing Point | | | |

Date Print: 1/03/2017

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

HARVEST PLAN OPERATIONAL MAP 2

Western Region - Harvest Plan WBcfi1611

Date: _____

State Forest Pilliga East
Compartments 500,501,502,503,505

Approved: _____

0 0.25 0.5 1 1.5 2 2.5 3 3.5 Kilometers

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

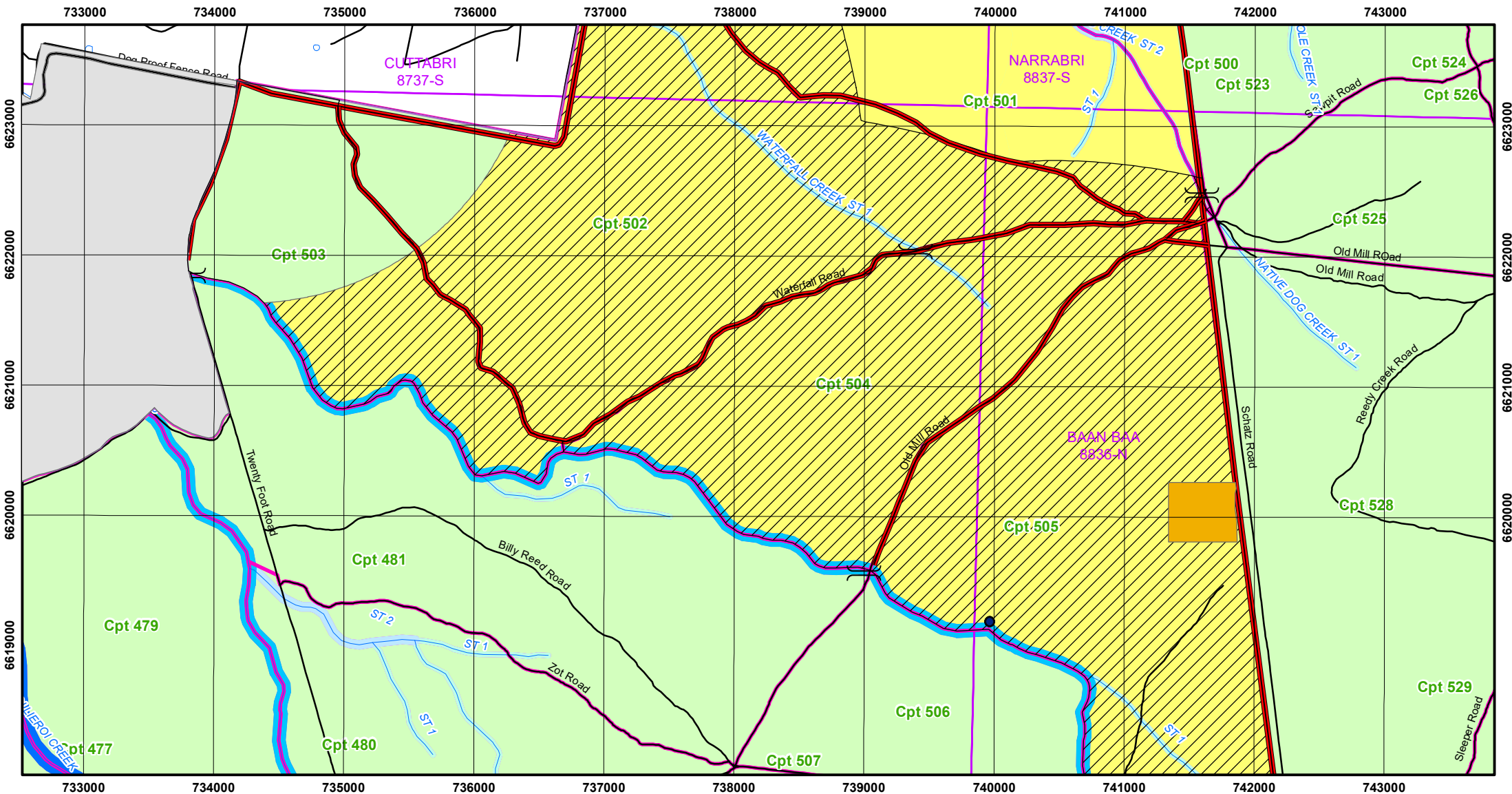
Date Plan: 19/07/2017

Legend

- | | | | |
|----------------------------------|-------------------------------|----------------------|--------------------------------|
| Grey_crowned_Babbler_nest | FenceLine | Compartment | 3ANSsNst4St Ord 4 |
| Crossings | Electricity Transmission Line | Compartment Boundary | 3ANSsNst3St Ord 3 |
| Regional Cities | Railway | NPWS | 3ANSsNst2St Ord 2 |
| Dam | Highway | NSWTopo | 3ANSsNst1St Ord 1 |
| Operational_road | Roads | State Forest | Special Protection (Zone 1) |
| Pterostylis_cobarensis_exclusion | Drainage | 3ANSsNst5St Ord 5 | Special Management (Zone 2) |
| Modified_Harvest_Area | Waterbody | | Harvesting Exclusion (Zone 3A) |
| Inventory/Research Plots | Management Boundary | | HarvestArea |



Scale: 1:40,000



FORESTRY CORPORATION OF NEW SOUTH WALES- WESTERN REGION

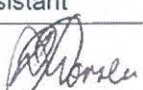

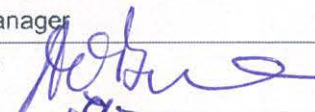
NATIVE FOREST HARVESTING PLAN WBcfi 1611

Refer: FPC 2010/01

Pilliga East State Forest – Compartments 500,501,502,503,504,505

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 – Brigalow Nandewar v3.2 apply to this operation.

Prepared By: Darren Worrell Forest Assistant	Endorsed By: Ross Irvine Environment & Resource Manager	Approved By: Andrew O'Brien Senior Manager
Signature 	Signature 	Signature 
Date 13/7/2017	Date 17/7/2017	Date 19/7/2017

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 are 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 provided 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 FCNSW officer.

Signature: _____ Name: _____ Date: _____

Position: _____ Licence No: _____

Principal licensee/contractor/other (explain)

Signature: _____ Name: _____ Date: _____

Position: _____ Licence No: _____

Principal licensee/contractor/other (explain)

Description of Proposal

White cypress sawlogs, ironbark sawlogs and green residue will be harvested under regulation of the Integrated Forest Operations Approval for Brigalow-Nandewar Region (B-N IFOA).

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 of white cypress is already present. Ironbark and bull oak regeneration is expected following ground disturbance. No after-harvest burning or planting is proposed.

Attachment 1: Site Safety Plan prescribes the safety requirements and Medical Emergency Evacuation Plan for this harvesting operation.

No construction, reopening or upgrading of roads or bush tracks is proposed. Existing roads and tracks will be maintained in accordance with the Standard Harvest Plan Conditions for Native Forest Operations in Western Region – Brigalow Nandewar v3.2.

Area Identification and Yield Estimates

State Forest	Compartment/s	Region	Management Area	Harvest Plan ID
Pilliga East	500,501,502,503,504,505	Western	Pilliga	54796

COMPARTMENT	500	501	502	503	504	505
Plan Cpt Event ID	124212	124213	124314	124315	124316	124317
Gross Area (ha)	812ha	845ha	978ha	356ha	524ha	804ha
Net Harvest Area (ha)	775ha	768ha	895ha	161ha	484ha	784ha
Estimated Yield Cypress Sawlog (m ³)	1000	1000	2000	650	1050	1000
Estimated Yield Ironbark / Hardwood Sawlog (m ³)	700	700	1500	150	400	1500
Estimated Yield Residue (t)	1400	1400	3000	350	800	2700

Silviculture and Harvesting Prescriptions

The planning area has a long history of management including ironbark and white cypress harvesting. Reliable records going back to 1995 indicate the removal of ironbark sleepers in compartments 500, 501 and 502. The Ironbark stands in the north-eastern corner of compartment 504 have undergone thinning in 1993 and again in 2002. Mature stands of ironbark are scattered throughout the planning area with good form regeneration now present.

The mature cypress stands within these compartments are 1890's regeneration, and have been thinned on several occasions. Regeneration has established following past harvesting events and the remaining stand is now suitable for release harvest. The most recent irregular and targeted white cypress harvesting occurred in 2008-09 and 2011-12

Smaller patches of mature cypress without adequate regeneration also occur across the planning area. In these areas, the mature cypress is starting to show signs of declining health and vigour and tree deaths are common. Areas without adequate regeneration are to be treated by removing the merchantable overstorey with the view to create conditions suitable for regeneration to establish post harvesting.

The dominant/co-dominant forest types throughout the planning area are associations of white cypress, narrow-leaved ironbark, bull oak, gum and rough-barked apple, with smaller areas of pilliga box and brown bloodwood, as shown on the Forest Type map. In addition, there is a small patch of broom located in the southern section of compartment 505.

The table below depicts the history of the operational area

Year	1993	1995	2002	2008/09	2011/12
HR Burning	X	X	X	X	X
Wildfires	X	X	X	X	X
Logging Cypress Sawlog	X	X	X	√	√
Logging Hardwood Sawlog	√	√	√	X	X

√ - applies, X – not applicable

Silvicultural Planning

According to stand variability, a combination of cypress release and thinning, and harvesting of ironbark will be undertaken in this operation as per the Standard Harvest Plan Conditions for Native Forest Operations in Western Region – Brigalow Nandewar v3.2.

The cypress 'release' operation is aimed at releasing established regeneration from competition with the mature overstorey. Once released, the stand will require thinning in the next 10-20 years.

The cypress thinning operation is aimed at reducing competing stems whilst concentrating growth on the retained, higher quality, future sawlogs. This stand will require further thinning in around 20 years.

The Ironbark Sawlog operation is aimed at removing commercially mature trees, trees lacking potential for future growth and trees competing with more dominant trees within the stand. Where regeneration is not present or unlikely to occur, trees should be selected to build upon canopy openings so as to encourage establishment and development of regeneration.

Bull oak will be harvested as per Standard Harvest Plan Conditions for Native Forest Operations in Western Region – Brigalow Nandewar v3.2. **Dry firewood (on ground and standing) must not be harvested.**

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 or ironbark, especially where there are few others nearby.

Tree Marking

Cypress

The area will be **primarily** tree marked for **retention**. In any such area, 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 Specifications for White Cypress Sawlogs (Appendix 1 of the Standard Harvest Plan Conditions for Native Forest Operations in Western Region – Brigalow Nandewar v3.2), AND
- Not fall or damage trees marked for retention, or marked as boundary trees.

At the discretion of the SFO, areas of merchantable Cypress may be tree marked for **removal** if stand conditions dictate. Any change in marking technique must be noted in the SFO's Notes, and these areas annotated on the Operational Map. Boundaries between the different marking strategies must be clearly defined in the field, with harvest contractors advised of the change in marking strategy.

In any such areas the operation must, as far as practicable:

- For the allowed species, fall each tree marked for removal, unless it clearly does not meet the Specifications for White Cypress Sawlogs (Appendix 1 of the Standard Harvest Plan Conditions for Native Forest Operations in Western Region – Brigalow Nandewar v3.2), AND
- Not fall or damage trees not marked for removal, particularly those marked for retention or marked as boundary trees.

Ironbark

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

- For the allowed species, fall each tree marked for removal, unless it clearly does not meet the Specifications for Western Ironbark Sawlogs (Appendix 2 of the Standard Harvest Plan Conditions for Native Forest Operations in Western Region – Brigalow Nandewar v3.2), AND
- Not fall or damage trees not marked for removal, particularly those marked for retention or marked as boundary trees.

At the discretion of the SFO, areas of merchantable Ironbark may be tree marked for **retention** if stand conditions dictate. Any change in marking technique must be noted in the SFO's Notes, and these areas annotated on the Operational Map. Boundaries between the different marking strategies must be clearly defined in the field, with harvest contractors advised of the change in marking strategy.

Bull oak

No additional marking for this species is proposed. Harvesting will be as per Standard Harvest Plan Conditions for Native Forest Operations in Western Region – Brigalow Nandewar v3.2.

4. Special Conditions

Critical boundaries

The planned area is bounded by a combination of roads, fences and drainage lines. Refer to the HPOM for more detail. Apart from drainage feature protection zones, marking of the compartment boundaries is not proposed.

Private Property

The private property boundary runs along Dog Proof Fence Road from Twenty Foot Road to Schatz Road adjoining compartments 500,501,502 and 503. Dog Proof Fence Road is adequately fenced. No damage is to occur to the fence.

National Park

The western boundary of compartment 503 over Twenty-foot Road joins National Park. No harvesting disturbance is allowed within this area.

Research / Inventory Plots

As shown on the HPOM, there are no research or inventory plots in these Compartments.

Leases/OPs

The area is covered by an Occupation Permit for beekeeping. In particular:

- Apiary Sites. A 20m buffer must be applied around each bee hive encountered.
- 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.

Transmission Lines/Cables/Pipelines

There are no known transmission lines/cables/pipelines in the planned area.

Forest Management Zoning Conditions

The following Forest Management Zoning occur within the operational area:

FMZ 4 'General Management' occurs within the compartments making up the operational area (see attached Harvest Plan Operational Map (HPOM))

FMZ 3B: An area of "Special Prescription" (3BWGhPxxx) has been identified on the western boundary of compartment 505 along Schatz Road(see HPOM)

The objectives for this area is to maintain persistence of diverse habitat elements in particular large crown trees, nectiferous shrubs, grassy areas, gilgais and patches of healthy vegetation. As such, normal harvest prescriptions apply to this area.

Cultural Heritage Conditions

There are no cultural heritage sites (Aboriginal or non-Aboriginal) known in the planned area. 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. – Brigalow Nandewar v3.2.

Mark-up Conditions

Refer to Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – Brigalow Nandewar v3.2 for prescriptions.

Tree Retention Conditions

Refer to Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – Brigalow Nandewar v3.2 for prescriptions.

Site-Specific Conditions, Exclusion Zones & Modified Harvest Areas

Refer to Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – Brigalow Nandewar v3.2 for prescriptions.

There are no known areas of heath, rocky outcrops, cliffs occurring within the net operational area that need additional harvest exclusions or modified harvesting zones implemented.

Blakely's red gum may occur throughout the operational area, with some areas potentially qualifying as Box Gum Woodland EEC. Where such areas are encountered when marking up, field staff must refer to Schedule 8 Parts 1 and 2 of the Brigalow-Nandewar IFOA (as per Attachment 1 of the Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – Brigalow Nandewar v3.2) to determine the appropriate marking and operational strategies. Where the area is determined **not** to be Box Gum Woodland EEC, it should be treated as per the rest of the operation. Where the area **is** determined to be Box Gum Woodland EEC, the harvest planning forester must be consulted regarding Clauses 270-273 of the Brigalow-Nandewar IFOA. The extent and location of such EECs must also be GPS mapped so that a written record of such may be recorded as per IFOA Clause 260.

Other possible EECs that may occur are Brigalow, Carex Sedgeland, Fuzzy Box Woodland, Inland Grey Box Woodland and Pilliga Outwash Ephemeral Wetlands. The SFO should watch out for any areas where they may occur and seek advice from the harvest planning forester if they are found.

Species Known or Likely to Occur

The Grey-crowned Babbler is known to occur within the area. A nest was sighted during the compartment traverse surveys (located at 739969E 6619192N, see HPOM). Refer to Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – Brigalow Nandewar v3.2r for prescriptions.

A portion of the area within compartments 502 and 503 area is within the “known habitat” of Bush stone-curlew. This area (2150 m radius from the record) has been excluded from harvesting and should be marked off accordingly. During compartment mark-up and harvesting, staff and harvesting contractors must be vigilant for the presence of individuals and its typical habitat.

Records of *P.linariifolia* and *T.linearis* occur within 100 m of the harvesting boundary. No records of these species were encountered during extensive traverse surveys. Staff and harvesting crews must be vigilant for the presence of these plants during mark-up and harvesting. The locations of individuals should be noted and reported to the harvest planning forester for future investigation. A 20m buffer is to be applied to any plants/assemblages encountered.

Records of *P. cobarensis* have been recorded within 100m of the harvest area. A temporary exclusion of the harvest area within 5km of the records has been put in place (see HPOM). This area will be surveyed during the spring flowering period as per the Species Management Plan. A 20m buffer is to be applied to any plants/assemblages encountered in the remaining area and the harvest planning forester must be notified of all sightings.

There are no other known records of threatened fauna, flora or habitat features present within the planning area that require prescriptions within this plan.

Contractors and supervisory staff must immediately report any sightings of Schedule 1 and 2 species to the Supervising Forester. The Harvesting Plan must then be amended to include additional prescriptions if necessary.

Fisheries Licence Conditions

Applicable Fisheries Licence conditions are detailed in the Brigalow – Nandewar IFOA. Refer to Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – Brigalow Nandewar v3.2 for prescriptions.

Soil and Water Protection Conditions

Applicable Environmental Protection Licence conditions are detailed in the Brigalow – Nandewar IFOA. Refer to Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – Brigalow Nandewar v3.2 for prescriptions.

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

Elements	Conditions
Unmapped Drainage Lines	5m Drainage Feature Protection Zone
1 st order mapped drainage line or mapped drainage depression	10m Drainage Feature Protection Zone
2 nd order mapped drainage line or mapped drainage depression	20m Drainage Feature Protection Zone
3 rd order mapped drainage line or mapped drainage depression	30m Drainage Feature Protection Zone
4 th order mapped drainage line or mapped drainage depression	40m Drainage Feature Protection Zone
5 th order mapped drainage line or mapped drainage depression	50m Drainage Feature Protection Zone

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 Forester to obtain the necessary approval.

There are 14 existing drainage feature crossings proposed to be used during this operation as shown on the Operational Map. No upgrading works are proposed for these crossings.

Road Works Conditions

Existing roads, tracks and crossings will be maintained in accordance with the Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – Brigalow Nandewar v3.2.

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 – Brigalow Nandewar v3.2 are held on site.

This operation must comply with the following:

- ☐ Standard Harvest Plan Conditions for Native Forest Operations in Western Region. – Brigalow Nandewar
- ☐ Licence conditions issued by FCNSW 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 May 2003 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.

Date of cessation of logging: _____

- Record the commencement and completion of harvesting at each dump

** If a downhill extraction track enters a log dump from the uphill side, then at the end of each day on which it is used during a logging operation, a drainage structure must be in place on the extraction track within 40 metres of the log dump, on its uphill side.

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: _____

Licence No: _____

Date: _____

Licensee/Contractor

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 _____
date: _____

Signature

Name

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: _____
Position: Incoming Supervising Forest Officer

Date: _____

Signature: _____
Position: Incoming Supervising Forest Officer

Date: _____

Signature: _____
Position: Incoming Supervising Forest Officer

Date: _____

Signature: _____
Position: Incoming Supervising Forest Officer

Date: _____

Signature: _____
Position: Incoming Supervising Forest Officer

Date: _____

Signature: _____
Position: Incoming Supervising Forest Officer

Date: _____

- [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	Anticipated volume		
		(put C or H in each relevant cell)	High	Medium	Low
		High quality large sawlog			
		High quality small sawlog			
		Low quality sawlog			
		Fencing/posts			
		Vineyard posts (cypress)			
		Residue			
		Habitat trees / Non-merchantable			
Code on map	Comment				
	<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)

.....

.....

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

.....

.....

RECORD OF BASAL AREA SWEEPS OF ALL RETAINED STEMS - 10cm dbhob 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	merchantable				
	OR	pre-merch				
		non-merch				
		total				
	trees marked for (circle correct one): retention / removal					
	<input type="checkbox"/> Before	merchantable				
	OR	pre-merch				
		non-merch				
		total				
	trees marked for (circle correct one): retention / removal					
	<input type="checkbox"/> Before	merchantable				
	OR	pre-merch				
		non-merch				
		total				
	trees marked for (circle correct one): retention / removal					
	<input type="checkbox"/> Before	merchantable				
	OR	pre-merch				
		non-merch				
		total				
	trees marked for (circle correct one): retention / removal					
	<input type="checkbox"/> Before	merchantable				
	OR	pre-merch				
		non-merch				
		total				
	trees marked for (circle correct one): retention / removal					
	<input type="checkbox"/> Before	merchantable				
	OR	pre-merch				
		non-merch				
		total				
	trees marked for (circle correct one): retention / removal					
	<input type="checkbox"/> Before	merchantable				
	OR	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.

**Western Region Harvest Plan WBcfi1611 – Compartments 500,501,502,503,504,505, Pilliga East State Forest,
Pilliga Management Area**

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		