



LOCALITY MAP  
Western Region - Harvest Plan



Management Area: PILLIGA

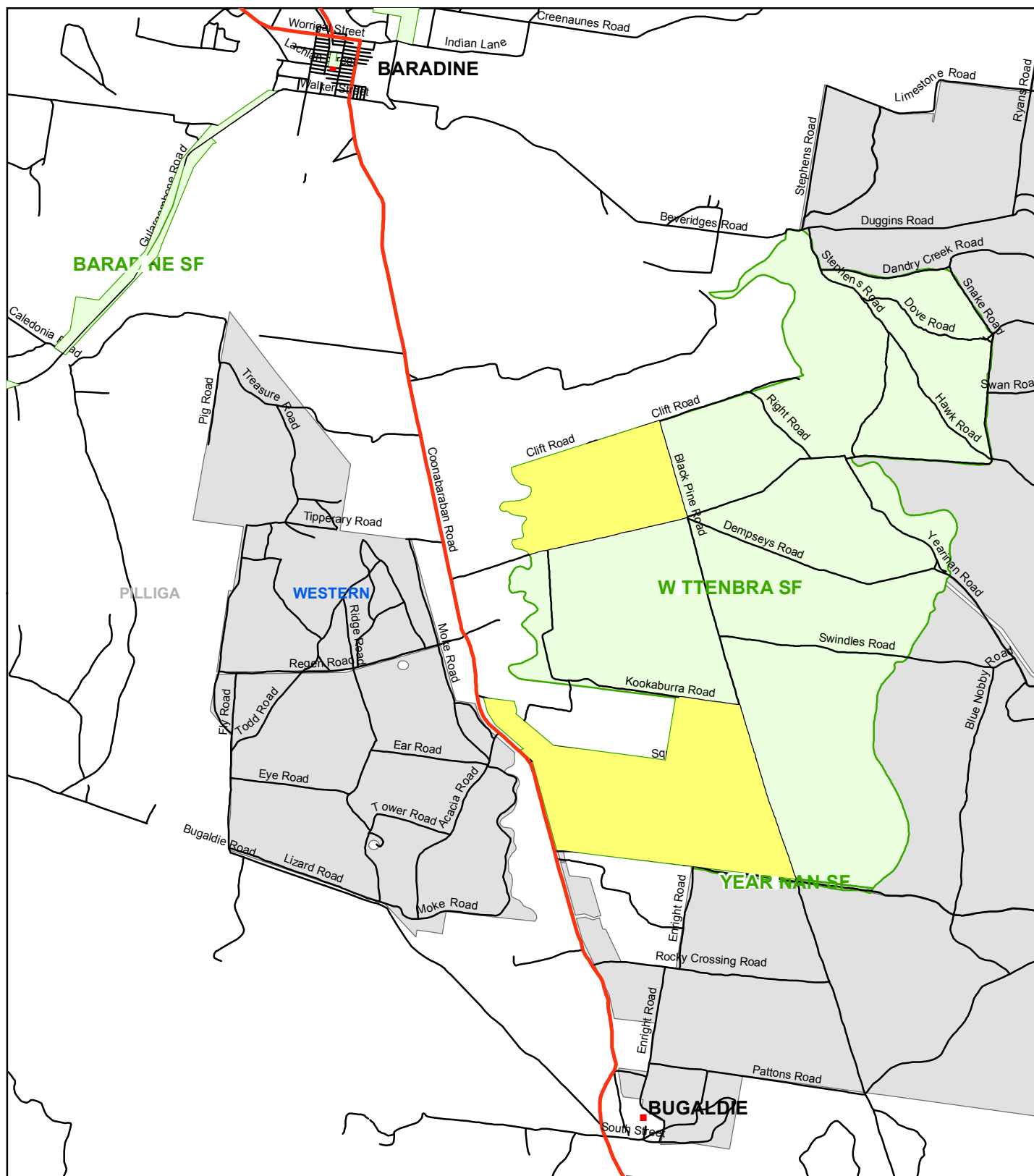
State Forest Name: WITTENBRA & YEARINAN

State Forest No: 274

CompartmentS 379, 383

Scale: 1:100,000

Compartment Areas (ha): 428, 876, 11



0 1 2 3 4 5 6 7 8 9 10 11

Kilometres

Highway

Roads

Major Drainage

Compartment(s) of interest

State Forest

Locality

Heritage Sites

# HARVEST PLAN OPERATIONAL MAP Variation 1

Western Region - Harvest Plan WBcfi 1412

Wittenbra & Yearinan State Forests

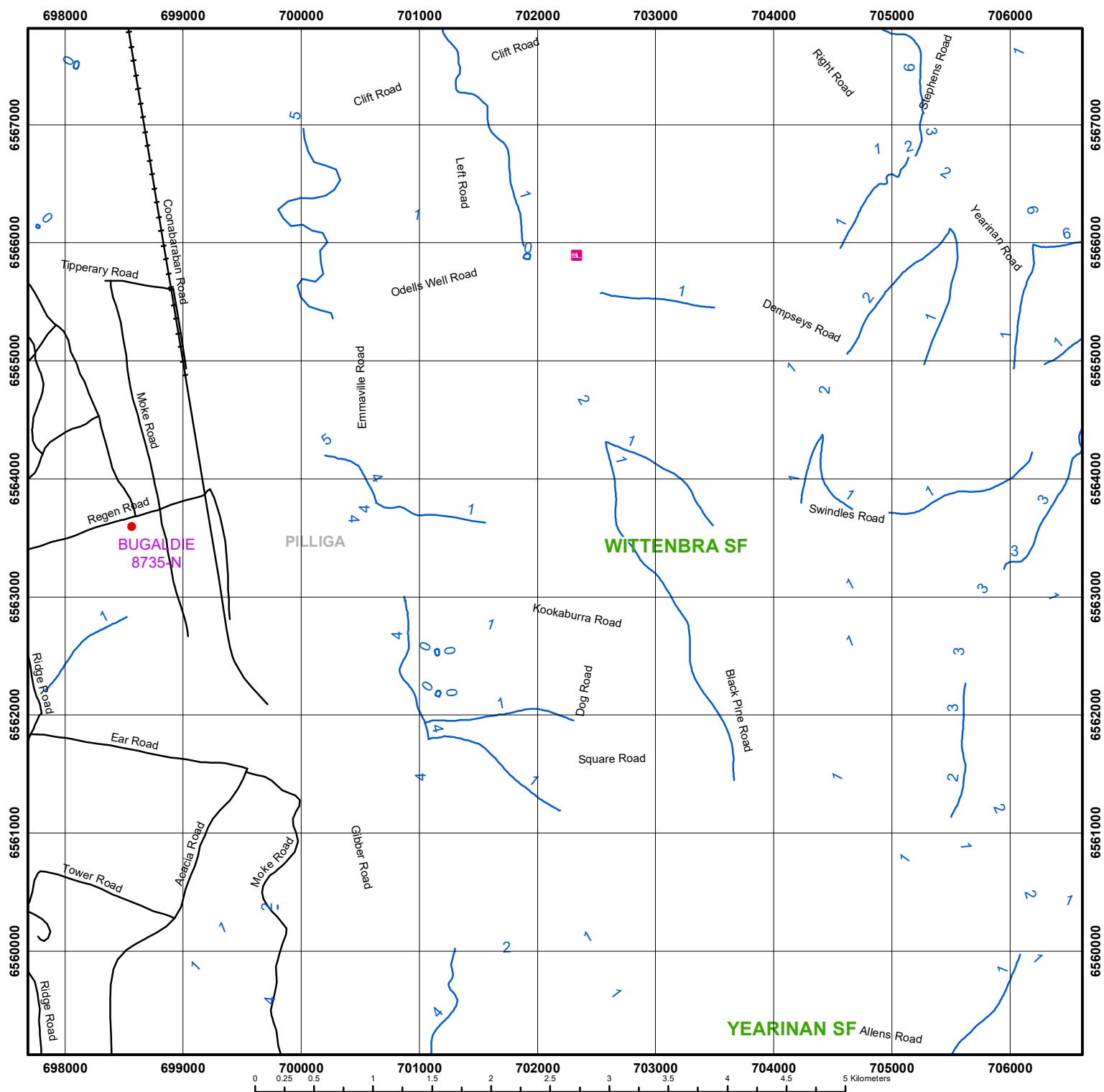
Compartment 379, 383



Approved: \_\_\_\_\_

Date: \_\_\_\_\_

Scale: 1:46,000



## General Features

- Inventory/Research Plots
- Log Dump (permanent)
- Log Dump (temporary)
- Trig/Repeater Station
- Contour
- Transmission Line
- Railway
- Heritage Points
- Aboriginal Points

## 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

## 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)

# FORESTRY CORPORATION OF NEW SOUTH WALES- WESTERN REGION

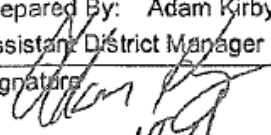

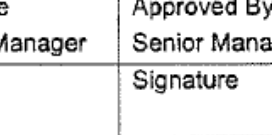
## NATIVE FOREST HARVESTING PLAN WBcfi 1412

Refer: FPC 2010/01

### Wittenbra & Yearinan State Forests– Compartment/s 379 & 384

#### 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: Adam Kirby Assistant District Manager	Endorsed By: Ross Irvine Environment & Resource Manager	Approved By: Andrew O'Brien Senior Manager
Signature: 	Signature: 	Signature: 
Date: 10/1/2016	Date: 30/1/2016	Date: 30/1/2016

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 Forests NSW 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 is planned. 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
Wittenbra/ Yearinan	379, 383	Western	Pilliga	36771

COMPARTMENT	379	383	383 (Yearinan)
Plan Cpt Event ID	48156	48157	48158
Gross Area (ha)	428	876	11
Net Harvest Area (ha)	400	816	8
Estimated Yield Cypress Sawlog (m <sup>3</sup> )	500	2500	10
Estimated Yield Ironbark / Hardwood Sawlog (m <sup>3</sup> )	100	400	5
Estimated Yield Residue (t)	50	100	5

## Silviculture and Harvesting Prescriptions

The planning area has a history of white cypress harvesting, with reliable records going back to 1986. The dominant/co-dominant forest types throughout the planning area are combinations of white cypress, narrow-leaved ironbark, bull oak and brown bloodwood, with smaller areas of Blakely's red gum, Pilliga box, white box and rough barked apple, as shown on the forest type map.

Mature white cypress stands within these compartments were established during regeneration events in the 1890's and 1950's. Parts of these stands have seen combinations of thinning and release silviculture on two occasions, with the last commercial harvesting event occurring in 1994.

Regeneration establishment and stand improvement have resulted from this disturbance, creating conditions suitable for a combination of commercial thinning (vertical cut silviculture) and release harvest. The area of each silvicultural treatment must be mapped and recorded in the Post-logging information section of this plan.

The table below depicts the history of the operational area:

Year	1986/87	1991-94
TSI	X	X
NCT	X	X
HR Burning	X	X
Wildfires	X	X
Logging Cypress Sawlog	√	√
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 sawlogs 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 10-20 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.

### Dead standing trees and dry on-ground logs must not be harvested for firewood.

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 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.

#### 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 Compartments are 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

Beyond the northern and western boundaries of both Compartments, as well as a portion of the southern boundary of Compartment 383 is private property which is fenced along boundary roads.

#### National Park

Timallallie CCA Zone 1 National Park adjoins part of the southern boundary of Yearinan Compartment 383- this boundary is delineated by Allens Rd beyond the intersection with Enright Rd. No marking of this boundary is proposed

### **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

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

### Cultural Heritage Conditions

There is a record of an indigenous scar tree identified within the harvest area. This tree has been identified in the field, and a 20m machinery exclusion zone will be marked & implemented around this tree.

There are no other cultural heritage sites (Aboriginal or non-Aboriginal) known in these compartments. 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

The 5<sup>th</sup> order stream Bugaldie Creek runs along the western boundary of Compartment 379. As witnessed in-field, the mapped drainage line and mapped drainage feature protection zone and FMZ3A zone differ significantly from the actual location of the incised channel & its edges. The full length of the eastern edge of the incised channel has been GPS tracked- this mapped edge will form the basis of the 50m drainage feature protection zone to be marked in-field.



Blakely's red gum and white box 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.

Rocky outcrops are known to potentially exist within the operational area. Where encountered, a 30m no-harvest zone should be implemented surrounding any such outcrop. To avoid confusion, a rocky outcrop is defined as an area:

- (a) where rocks or exposed boulders cover more than 70% of any 0.1 hectare area (30 metres by 30 metres), or
- (b) with skeletal soils (that is, an area with shallow soil where rocks are exposed), supporting heath (and sometimes an occasional emergent tree), or
- (c) that is classified as FT "rock" (FT no. 234) (whether or not the area also meets a description in paragraph (a) or (b)), or
- (d) where a combination of rocks or exposed boulders and skeletal soils cover more than 70% of any 0.1 hectare area (30 metres by 30 metres).

The SFO and all staff should watch out for any areas of heath, rocky outcrops, cliffs and/or endangered ecological communities (EEC) within the net operational area that may need additional harvest exclusions or modified harvesting zones implemented.

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

### **Species Known or Likely to Occur**

There are no 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 <sup>st</sup> order mapped drainage line or mapped drainage depression	10m Drainage Feature Protection Zone
2 <sup>nd</sup> order mapped drainage line or mapped drainage depression	20m Drainage Feature Protection Zone
3 <sup>rd</sup> order mapped drainage line or mapped drainage depression	30m Drainage Feature Protection Zone
4 <sup>th</sup> order mapped drainage line or mapped drainage depression	40m Drainage Feature Protection Zone
5 <sup>th</sup> 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 6 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

Approximately 23km of 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 Forests NSW under the Forestry Act (1916).
- ☐ Forest Practices Code, Part 2, Timber Harvesting In Native Forests (4<sup>th</sup> 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: \_\_\_\_\_

Date of cessation of logging: \_\_\_\_\_

## Supervising Forest Officer's Notes

[illegible]

## Supervising Forest Officer's Notes

[illegible]



## Supervising Forest Officer's Notes

[illegible]

## Supervising Forest Officer's Notes

[illegible]

## Supervising Forest Officer's Notes

[illegible]

## Supervising Forest Officer's Notes

[illegible]

## Supervising Forest Officer's Notes

[illegible]

## Supervising Forest Officer's Notes

[illegible]



## 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

**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

**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

**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

**Western Region Harvest Plan WBcfi 1412 – Compartments 379 & 383, Wittenbra & Yearinan State Forests,  
Pilliga Management Area**

**HARVEST PLAN AMENDMENT RECORD**

--	--	--

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]

- 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	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.

.....

.....

2. Sites of soil erosion for attention.

.....

.....

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

.....

.....

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				
	<input type="checkbox"/> After	non-merch				
		total				
	trees marked for (circle correct one): retention / removal					
	<input type="checkbox"/> Before	merchantable				
	OR	pre-merch				
	<input type="checkbox"/> After	non-merch				
		total				
	trees marked for (circle correct one): retention / removal					
	<input type="checkbox"/> Before	merchantable				
	OR	pre-merch				
	<input type="checkbox"/> After	non-merch				
		total				
	trees marked for (circle correct one): retention / removal					
	<input type="checkbox"/> Before	merchantable				
	OR	pre-merch				
	<input type="checkbox"/> After	non-merch				
		total				
	trees marked for (circle correct one): retention / removal					
	<input type="checkbox"/> Before	merchantable				
	OR	pre-merch				
	<input type="checkbox"/> After	non-merch				
		total				
	trees marked for (circle correct one): retention / removal					
	<input type="checkbox"/> Before	merchantable				
	OR	pre-merch				
	<input type="checkbox"/> After	non-merch				
		total				
	trees marked for (circle correct one): retention / removal					
	<input type="checkbox"/> Before	merchantable				
	OR	pre-merch				
	<input type="checkbox"/> After	non-merch				
		total				
	trees marked for (circle correct one): retention / removal					
	<input type="checkbox"/> Before	merchantable				
	OR	pre-merch				
	<input type="checkbox"/> After	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 WBcfi 1412 – Compartments 379 & 383, Wittenbra & Yearinan State Forests,  
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	Date done	By (initials)	1		2		3		4		5		Date received	Date destroyed
		H = hand E = email M = mail			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		