

ORIGINAL

Forest Practices Act 1985

Forest Practices Plan

FPP No: MLB0131-01

Certification Number: 2014-0334

Local File ID:

Update Type: Initial Last edit by: Created on: 16/06/2014 Updated on: 01/09/2014

It is necessary to read this Forest Practices Plan in its entirety for the specifications required by Section 18(2) of the Forest Practices Act 1985. This Forest Practices Plan authorises forest practices and operations to which it refers on the land specified in the Plan and during the period specified in the Plan, provided that the operations are carried out in accordance with the Plan.

This authority is given for the purposes of the Forest Practices Act 1985 only. Those carrying out the operations under the Plan should ensure that they comply with all relevant laws including the conditions of licences, permits and other authorities issued under other laws.

Coupe Name:	FN019F	Location:	Franklin Forest Block	PTR Number:	-
Tenure:	State Forest	IBRA 4 region:	O'Entrecasteaux	UPI or PID Numbers:	-
District:	Huon	Municipality:	Huon Valley	Landowners:	Forestry Tasmania
Map Sheet:	GEEVESTON 4822	Grid reference:	491670mE, 5230041mN	Principal Processors:	-
Applicant:	Forestry Tasmania, 43 Cemetery Rd., Geeveston Tasmania 7116, 0362957111				

Parent Rock:	1: Jurassic Dolerite (JDL)	Soil Description:	1: Red to Brown clayey (RBL)	Stoniness:	1: M
	2: Triassic Sandstone (TSS)		2: Sandy over clayey (SAC)		2: M

Erodibility Class: 1: Low (L) 2: Moderate to high (M/H) Majority Slope: 15 deg Maximum Altitude: 450 m

Within town water catchment: Yes Within a landscape zone in a Municipal Planning Scheme: No

Water intake: 10B - Scotts Rivulet - Geeveston Known Domestic Water Supply Intake within 2km: No

Distance to intake: 4.0 km Net Area of Crown Land Reserve: <not defined>

Emergency meeting Point: 149 - GEEVESTON - CNR HUON HWY & ARVE RD

Plan certified by:	Date certified:	01/09/2014	Plan lifetime:	05/09/2014 - 31/08/2020	Date notice of intent sent:	16/06/2014
--------------------	-----------------	------------	----------------	-------------------------	-----------------------------	------------

Discrete Operational Phase:	Estimated Start Date:	Estimated End Date:	Details:
Timber Harvesting	05/09/2014	31/08/2020	Minimum Class of Equipment to be used: Dry: C2 Wet: C2 Cable: NA

Current RFA Forest Community and/or Land Use:	Prescription:	Ha
Plantation: E. nitens (PEN)	Thinning (THN)	31.00
Net Operational Area: 31.00	Total Area to be Reforested: 0.00	Total Area to be Harvested: 31.00
		Total Area of Operation: 31.00

FOREST PRACTICES PLAN

A GENERAL

- Forest Practices shall be carried out in accordance with the principles and approaches specified in the Forest Practices Code (Forest Practices Board 2000). All Forest Practices Code (FPC) mandatory statements ("will" statements) apply, whether or not they are referred to below. The specific requirements set out below are also mandatory.
- Forest Practices Plan (FPP) Objective: Commercial Thinning of FN019F in two stages. Stage 1 - Production Thinning of FN019F to approximately 500spha. Second stage - Production Thinning will be to final pruned stocking of approximately 300spha. Both stages will involve the removal of smaller, unpruned stems (thinning from below) without damaging retained pruned stems.
- As a measure to reduce the spread of Weeds and or Pathogens in State Forest, all harvesting machinery will be washed down before being transported to this operation and washed down again, prior to leaving this operation. Wash down will be carried out in accordance with the "Tasmanian Washdown Guidelines for weed and disease control" Operations shall not commence until the supervisor has signed off on washdown compliance.
- The Contractor is required to have a copy of the FPP, and any subsequent Variation(s), on site during active operations.

B. BUILDING ACCESS TO THE FOREST (ROADING)

Refer also to Part D. Conservation of Natural and Cultural Values and Part F. Management of Fuels, Oils, Rubbish and Emissions

- No new road construction required for this operation. See the attached FPP Map.
- Works to upgrade existing roads and pullouts and the creation of turning bays to accommodate high productivity vehicles are acceptable within the area covered by this FPP.

Person or organisation assuming primary responsibility for management of forest practices under this section of the plan.

Forestry Tasmania

C. HARVESTING OF THE TIMBER

Refer also to Part D. Conservation of Natural and Cultural Values and Part F. Management of Fuels, Oils, Rubbish and Emissions

- Operation Summary – Thinning or harvesting of timber will only occur within the harvest boundary as indicated on the attached FPP Map and as marked on the ground in **Blue** tape by Forestry Tasmania.

Person or organisation assuming primary responsibility for management of forest practices under this section of the plan.

Forestry Tasmania

C.1. LANDINGS

Landing Placement

Conventional processing landings are not provided. Timber is to be processed at stump and forwarded to the road edge stockpiling sites prior to loading.

Landing Management

- Stockpile / loading bays are to be minimised
- Location of stockpile / loading bays are to be discussed with a Forestry Officer prior to being used.
- Stockpile / loading bays are to be located a minimum of 20 metres from drainage lines and culverts.
- The width of the stockpile sites are to be log length plus adequate width for the forwarding machine to pass behind the log stacks to unload and to stand on the road side of the stack to load trucks.

- Fuel tanks should be located so that roads will not be crossed to re-fuel machines. Wet season access tracks to fuel tankers should be corded.

C.2. SNIG TRACKS

Forwarder Track Location

- The general forwarder track direction is shown on the FPP map.
- Forwarder tracks into and out of stockpile / loading bays are to be corded if weather conditions are wet.
- Forwarder extraction tracks are to be corded in wet areas before they become rutted to a depth of 300 mm over a 20-metre section.
- Tracks will be kept to a minimum and will be located to avoid damage to retained stems.

Forwarder Track Management

- Cording or "matting", of sections, of main forwarder tracks will be required during the wet conditions to minimise rutting. Logging slash and debris will be used as cording whenever possible. Matting will protect feeder tracks where material is available and where necessary.
- Forwarder track restoration will be carried out progressively, in accordance with the FPC and Part C.6. of this FPP.

C.3. FELLING (Refer also to Part D of this FPP)

- The silvicultural prescription is for a two- staged thinning of *E. nitens* hardwood plantation.
- All pruned stems are to be retained undamaged unless approved by a Forestry Tasmania (FT) officer.
- Damage to retained stems is targeted to be 0% with a tolerance of 5%.
- The required stocking is to be retained at an even distribution.
- Spacing:

Stage 1: Production Thinning

- The aim of the operation is for the stand to be thinned to 500 spha, at an approximate 5m tree spacing.
- Where the spacing between pruned stems is greater than 5 m, then retain an un-pruned stem of good form, health and vigour and are defined on the FPP map as a contractor boundary.
- Two small areas will not be thinned during the initial thinning operation. These areas will be marked in the field with blue and white tape.

Stage 2: Production Thinning

- The aim of the operation is to thin the stand to the final pruned stocking of approximately 300spha at approximate 7m tree spacing.
- Where the spacing between pruned stems is greater than 7m, then retain an un-pruned stem of good form, health and vigour.
- A decision as to the management of the two small areas not thinned in **Stage 1** will be decided closer to the commencement of operations in **Stage 2**

Person nominated to identify and mark harvest boundaries

Person/Organisation nominated: Forestry Tasmania

C.4. LOGGING EQUIPMENT

- The minimum standard of equipment to be used in this operation is FPC Class C2 equipment.

C.5. STREAMSIDE MANAGEMENT

- Retain all streamside reserves that were established when the coupe was converted from native forest to plantation.
- Prior to harvesting, all streamside reserves directly adjacent to the coupe boundary as indicated on the FPP Map will be marked in the field with blue tape by Forestry Tasmania.
- A braided Class 4 stream separates the two sections of the coupe. This stream and surrounds have been excluded from harvesting and are marked in the field with blue tape.
- No trees are to be felled into or out of the streamside reserves unless authorised to do so by a Forestry Tasmania Forest Practices Officer (FPO) for safety reasons. Should a tree accidentally fall into a reserve, a decision will be made by the Forestry Tasmania FPO as to whether the tree will be removed or left in place.
- If any unmapped watercourse (that does not have specific management prescriptions within the FPP) is encountered, operations are to cease within its vicinity until advice of a Forest Practices Officer has been received.

Person nominated to identify and mark streamside boundaries

Person/Organisation nominated: Forestry Tasmania

C.6. RESTORATION (by the harvesting contractor)

- Operation Summary - All restoration activity will be carried out progressively.

(a) STOCKPILE/LOADING SITES

- Bark and debris is to be removed from road surface and table drains at stockpile / loading sites.

(b) FORWARDER TRACKS

- Forwarder track restoration will be carried out progressively in accordance with the FPC for moderate erodibility soils.

(c) ROADING

- Drainage systems including table drains, and culverts will be kept functional at all times during the operation and will be left clear and functioning at the completion of the operation.

(d) VACATING THE COUPE

- The contractor will inform Forestry Tasmania when restoration works are complete to enable a final inspection to be carried out, prior to removing all machinery from the harvest area.

D. CONSERVATION OF NATURAL AND CULTURAL VALUES

Prescriptions to manage flora, fauna, geomorphic, cultural heritage, landscape and soil and water values

D.1. Biodiversity- Flora

- No special management prescriptions required.

D.2. Biodiversity- Fauna

Wedge Tailed Eagle and White bellied Sea Eagle

Although a nest has not been found during a pre-logging search conducted on 26 May 2014, this is not a guarantee that no nests occur in the harvest area or immediately adjacent to the area. Therefore, please instruct contractors to notify the FPA Zoologist via the Forest Practices Officer in charge of the operation if any nests are discovered during the operation.

- If a nest is discovered during the breeding season (August - January inclusive) immediately cease all forestry activity within 500 m of the nest or within 1 km if in line of sight of the nest. The nest site will be inspected by the FPA Zoologist and/or DPIPW specialist and advice on appropriate further action will be provided as soon as possible.
- If a nest is discovered outside the breeding season (February - July inclusive) cease all forestry activities within 500 m of the nest. The nest site will be inspected by the FPA Zoologist and/or DPIPW specialist and advice on appropriate further action will be provided as soon as possible. At this time of year in most situations the operation can resume outside the agreed 10 ha reserve boundary.

Tasmanian Devil

- If a suspected Tasmanian Devil den entrance is located during the course of the operation, the FPA Ecologist is to be notified via the FPO in charge of the operation and a minimum 50m reserve is to be established around all entrances. No trees are to be felled into or out of this reserve unless authorized to do so by a FPO for safety reasons. Should a tree accidentally fall into this reserve, a decision will be made by a FPO as to whether the tree will be removed or left in place. No machinery is to enter into this reserve during any stage of the operation.

Grey Goshawk

- If an active nest is found in the vicinity of the operation, operations are to cease within 100m from the nest and the FPA Ecologist is to be notified via the FPO in charge of the operation. The FPA Ecologist will provide advice on appropriate further action as soon as possible.

Masked Owl

- If a suspected nest tree is located in the vicinity of the operational area, operations will cease within 100m and the FPA Senior Ecologist is to be contacted immediately. Nests are located in trees greater than 70cm diameter and with large hollows greater than 15cm, and may have evidence of pellets (regurgitated skin and bone) at the base of the tree.

Wildlife Habitat Strips

- No trees should be felled into or out of the WHS unless authorised by an FPO for safety reasons. Where a tree accidentally falls into a WHS a decision will be made by an FPO as to whether the tree will be pulled out or left in place.
- No machinery should enter the WHS.

D.3. EARTH SCIENCES

- The class 4 stream that bisects the coupe is accorded an extended Class 4 MEZ where it is braided with multiple channels
- If any unmapped watercourse (that does not have specific management prescriptions within the FPP) is encountered, operations are to cease within its vicinity until advice of a Forest Practices Officer has been received.

D.4. CULTURAL HERITAGE

During forestry operations:

- The contractor will notify the Forestry Tasmania Forest Officer responsible for monitoring the operation, in the event that any site is located during the course of the operation.
- Any site found will be excluded from forestry operations until the advice of a suitably-qualified Forest Practices Officer is obtained.

D.5. LANDSCAPE MANAGEMENT

- No special prescriptions are required.

E. ESTABLISHING AND MAINTAINING FORESTS*Refer also to Part D. Conservation of Natural and Cultural Values and Part F. Management of Fuels, Oils, Rubbish and Emissions*

Person or organisation assuming primary responsibility for management of forest practices under this section of the plan

Forestry Tasmania

E.1. ESTABLISHMENT

- Not Applicable

E.2. PROTECTION OF GROWING STOCK**(a) GENERAL**

- Insect, frost damage and weed competition will be monitored and appropriate action taken where necessary.
- Is there a fire management plan for this area?

Yes

No

(check box or bold appropriate option)

(b) FIRE PROTECTION

- All fires will be contained on the property of the landowner.
- Fire protection should be conducted as per District Fire Action Plan.

Fire Equipment

- Fire-fighting equipment will be maintained on site in working condition in accordance with the current guidelines 'Fire Prevention at Forest Operations'

Severe Weather Closure

- All hazardous forest activities will cease in accordance with the current guidelines 'Fire Prevention at Forest Operations'

F. MANAGEMENT OF FUELS, OILS, RUBBISH AND EMISSIONS**(a) MANAGEMENT OF FUEL AND LUBRICANTS**

- Any fuel and oil spills will be contained as soon as possible and clean up procedures will be promptly implemented where necessary.
- Fuel and oil spills that cause or threaten to cause environmental harm will be reported to Forestry Tasmania as soon as possible.
- Site for equipment refueling will be located at least forty (40) metres from any water course to minimise the adverse risks to water quality.
- The actions in the Forestry Tasmania Emergency Response Procedure for oil and fuel spills are to be implemented.

(b) RUBBISH

- All rubbish, oil and other litter from the operation will be contained within an appropriate receptacle and will be removed upon completion of the operation to an approved municipal tip site.

MAP TO SHOW (separate maps may be required for different operations, such as harvesting and reforestation)

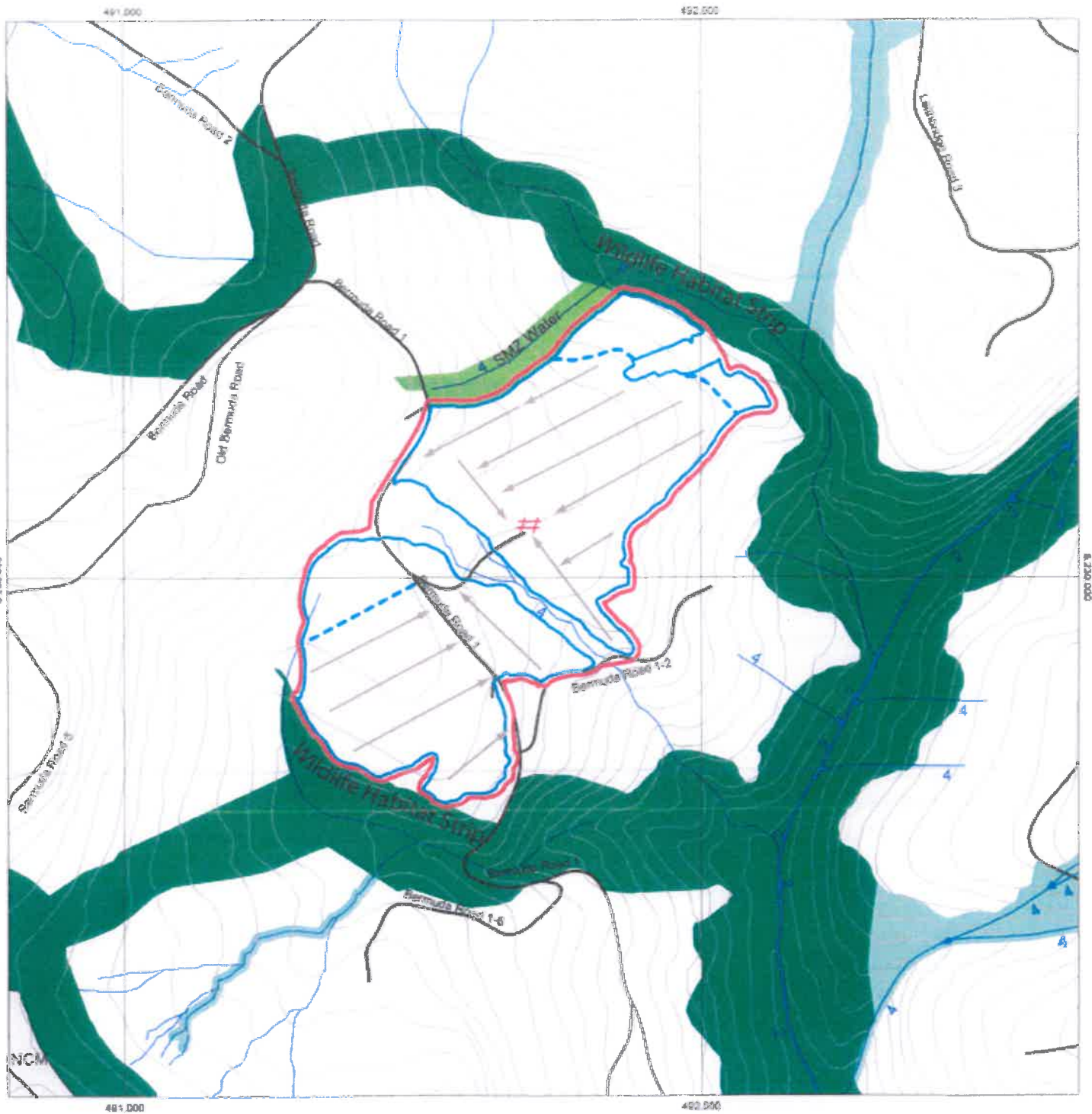
1. Contours, scale and north direction.
2. Boundary of FPP
3. Property boundaries
4. Operational boundaries :
 - Harvesting boundaries
 - Reforestation treatments
 - Reserves
 - Special treatment areas.
5. Sites of natural and cultural significance.
6. FPP Number.
7. Streamside management including marked boundaries of streamside reserves and class.
8. Bridges and fords.
9. Stream crossings
10. Snig track direction
11. Landings
12. Existing and proposed roads and proposed major upgrading including borrow pits.
13. Section boundaries including wet/dry logging areas, cable/conventional logging, reforestation treatments such as burning, sowing, cultivating, planting and areas to be reserved.
14. Cultivation and windrow direction.
15. Firebreaks
16. Additional information as applicable.

Scale: 1:10 000 preferred

DISTRIBUTION

Copies of this FPP will be distributed to the following organisations:

- | | | |
|---------------------|--------------------------|------------------------|
| • FPP Master File | Forestry Tasmania | – Huon District |
| • Coupe File | Forestry Tasmania | – Huon District |
| • Contractor | Harvesting | |
| | Reforestation | – N/A |
| • Forest Supervisor | Forestry Tasmania | – Huon District |
| • Forest Officer | Forestry Tasmania | – Huon District |



Scale 1:10,000

Geeveston 4822

Harvest Area: 31.3 hectares



LEGEND

Map Centre Co-ordinates: 491670mE, 5230041mN

FPP boundary	Located or marked out road	Contractor boundary	Formal reserves	Constraint
Harvest boundary	Provisional mapped road	Landing	Informal reserves on State forest	Hazard
Classed Stream	Walking Tracks	Crossing	Informal reserves on other tenures	Water
Unclassed Stream	Hydro/Comms	Bridge	Streamside reserves	
Road class 1-3	Contours	Cable setting	Conditional areas	
Road class 4	Sng direction	Special point feature	Private land	

Date: Friday, August 01, 2014



NOTE: Map co-ordinates are based on GDA84. Topographic map data is supplied by OPWF.

Forest Practices Officer (Planning)

Certified by

Signature		Date	1/9/14
-----------	--	------	--------

Name	Matt Burch (Harvesting Co-ordinator, Forestry Tasmania)
------	---

Pursuant to a delegation from the Forest Practices Authority under section 43 of the Forest Practices Act 1985.

Acknowledgment of persons/organisations in relation to Forest Practices Plan Number MLB0131

Landowners Consent

I am the owner of the land or the authorised agent of the owner of the land referred to in the attached Forest Practices Plan Number MLB0131 and have given my approval for the plan to be submitted to the Forest Practices Authority for certification under section 19 of the *Forest Practices Act 1985*. I understand that, under section 25C of the *Private Forests Act 1994*, if I am a private landowner, I may be required to pay a levy to Private Forests Tasmania based on the net area of forest operations under the plan.

Name	(Derwent District Forest Manager)	Company or other entity	for Forestry Tasmania
Address	79 Melville Street Hobart Tasmania 7000	Telephone	(03) 6235 8337
Signature		Date	1/9/14

Acknowledgment of Applicant

I submit the attached Forest Practices Plan Number MLB0131 to the Forest Practices Authority and apply for its certification. I acknowledge that I understand the provisions of the plan, and that I am responsible for ensuring that the plan is complied with unless otherwise stated in the plan. I understand that I am responsible for the lodgment of interim compliance reports with the Forest Practices Authority within 30 days of the completion of each discrete operational phase* under the plan; and further, for the lodgment of a final compliance report with the Forest Practices Authority within 30 days of the expiry of the plan. I understand that under sections 18(4A) and 18(4B) of the *Forest Practices Act 1985*, I must pay a prescribed application fee at a time, and in a manner, determined by the Authority.

Name	Derwent District Forest Manager)	Company or other entity	for Forestry Tasmania
Address	79 Melville Street Hobart Tasmania 7000	Telephone	(03) 6235 8337
Signature		Date	1/9/14

***Discrete operational phases under this plan include (enter yes or no against each forest practice proposed):**

NO	Road Construction	NO	Tree Clearing
YES	Timber Harvesting	NO	Quarry Operation
NO	Forest establishment <i>(including reforestation, ie restocking the land with trees)</i>	NO	Tree Fern Harvesting
NO	Assessment of reforestation		