

# The Comb Forest Design Plan

## Introduction

The Comb forms part of the North Eastern section of Kielder Forest, and is the only plan involved in this review that does not connect with any other plan currently under review. Covering approximately 1,500ha The Comb represents one of the most isolated areas within Kielder Forest. Predominantly windhazard class 5 the exposure and soils in the area limit the ability to manage crops other than through clearfelling and restocking. The majority of crops are growing well (achieving yield class 12), and are a mixture of younger second rotation crops, and first rotation crops of which the majority are at or past the date of economic maturity (limited by the likelihood of windthrow).

## **Achievements/alteration since last revision**

1. Birkley Wood: Pre Forestry Commission 1928 planting which has been monitored for the progression of windthrow over the last 15 years, it has been designated as a natural reserve
2. Moorland Boundary : an element of open woodland is being established at the forest open moor interface
3. Gilliehill Clints : Area of ancient semi natural and ancient replanted woodland, The area to the north clearfelled since the last review has now been restocked with native broadleaf species, the area immediately to the west is programmed for felling and restocking with native broadleaf in the next felling period

## **Alterations to felling and restocking proposals**

Felling proposals : some minor changes to coupe boundaries




Restocking proposals : Redistribute the restocking of Sitka spruce and other conifer in light of the moratorium on restocking with Lodgepole pine due to the disease Red Band Needle Blight.





### Location map



-  Plan area
-  Other FC land
-  Other woodland

Scale  
Date

1:200,000  
Jan 2011

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## Forester



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## Kielder Forest

### Current Species

### Legend

## Components

## Species

-  Broadleaf
-  Sitka spruce
-  Other evergreen conifer
-  Larch

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## Forester



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## Kielder Forest

Planting Year

### Legend

## Components

**PLYR**

- 
- |           |
|-----------|
| Pre1930   |
| 1930 - 39 |
| 1940 - 49 |
| 1950- 59  |
| 1960 - 69 |
| 1970 - 79 |
| 1980 - 89 |
| 1990 - 99 |
| Post 1999 |

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Date

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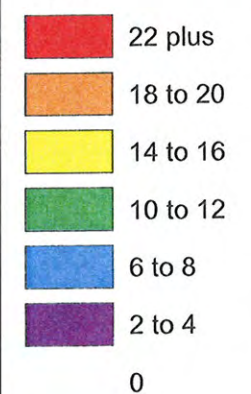
## Kielder Forest

Yield Class

### Legend

## Components

## YLDC

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Forester

Emblehope Moor



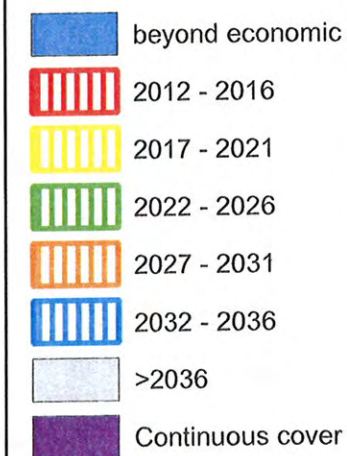
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England

Kielder Forest

Economic Felling

### Legend

Coupes  
OPTIMALYR



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Conservation

### Legend

- Conservation Site Point
- Conservation Site Line
- Conservation Site Polygon
- SAC
- NNR
- SSSI

asnw

STATUS

- ASNW
- PAWS

archaeology

- Listed building
- Scheduled monument
- Unscheduled monument
- archaeology\_line

water\_courses

- Major watercourses
- Minor watercourses

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## Landform

### Legend

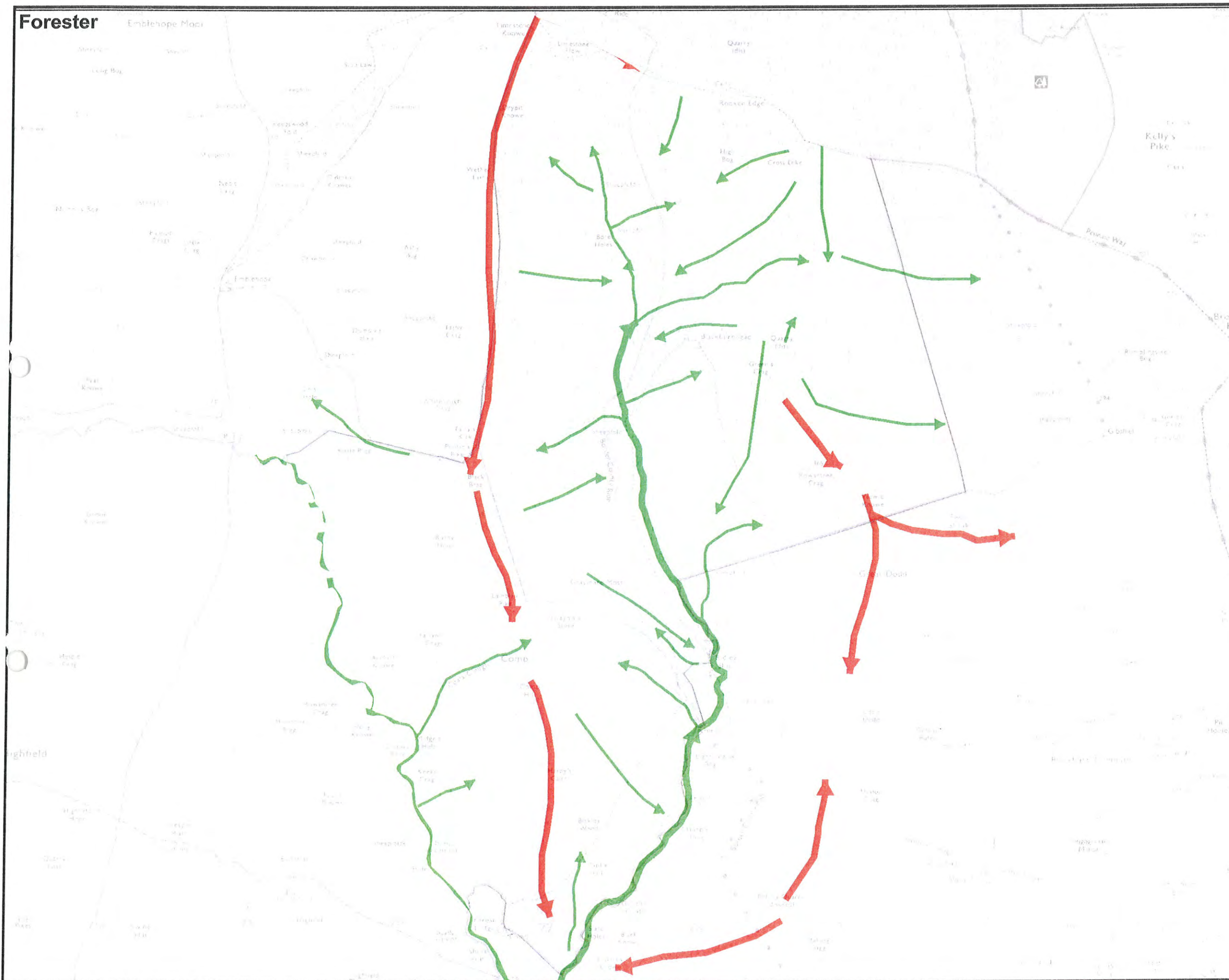
#### landform

-  Major Ridges and Spurs
-  Minor Ridges and Spurs
-  Major Hollows and Gullies
-  Minor Hollows and Gullies

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## Other Resources

- Recreation site
- Water pipeline
- Footpath
- Bridleway
- BOAT
- Restricted byway
- FC trails
- Gas Pipeline
- Powerline Underground
- Powerline Overhead

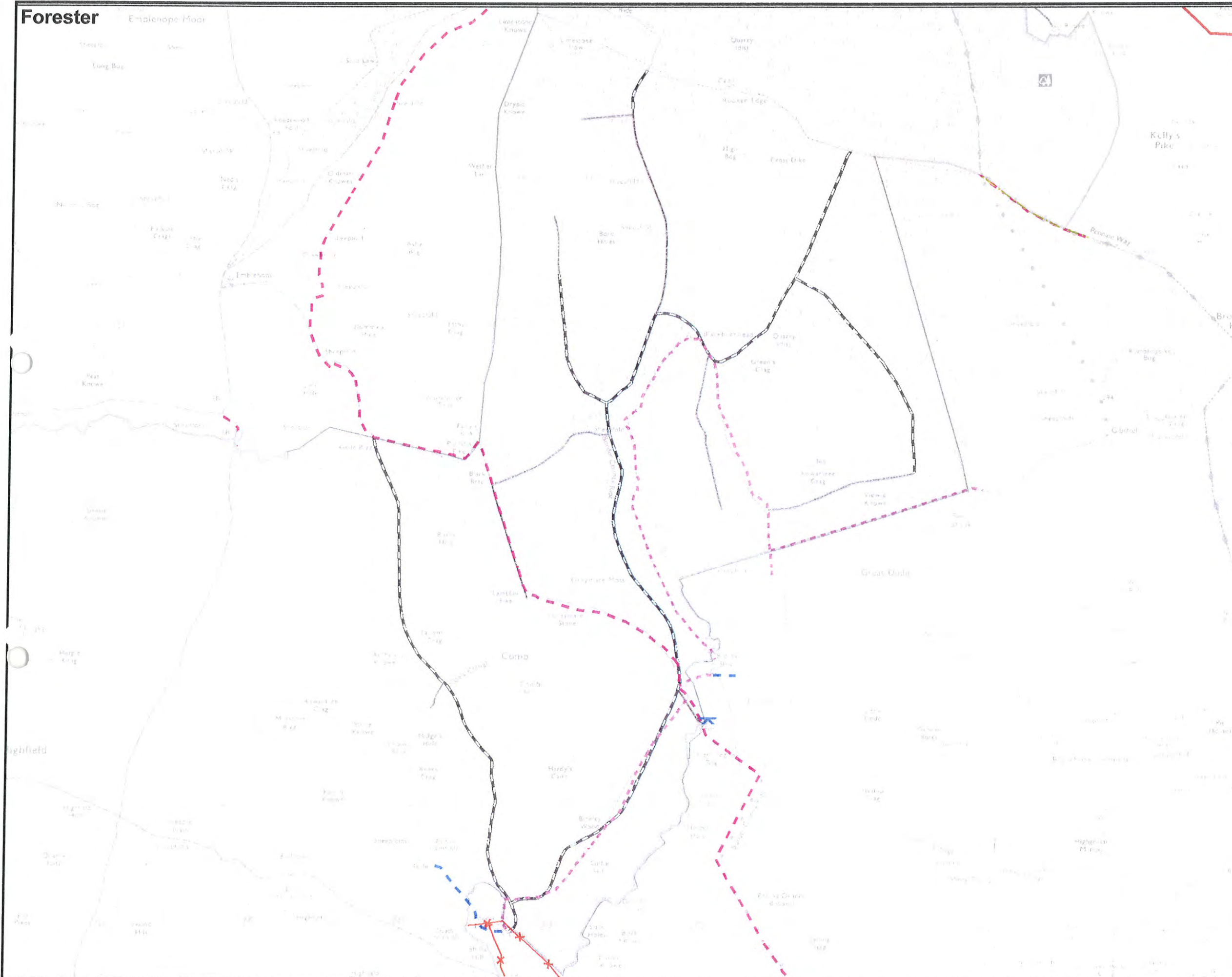
## Forest roads

- Class A
- Other FC Roads

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Design Concept

## Legend

### Category

-  Ancient woodland site
-  Birkley wood
-  Moorland edge
-  Ownership boundary
-  Valleys

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### Ownership boundary

Liaise with neighbour when crops adjacent to the internal forest ownership boundary become due for felling

### Moorland edge

Mitigate the transition of moorland to high forest at restocking, through the introduction of open woodland and open space.

### Birkley wood

Pre Forestry Commission wood which has been monitored for windthrow and regeneration over the last 20 years. Look to retain

### Ancient woodland site

Increase the area of native broadleaf woodland adjacent to the ancient woodland site of Gilliehill Clints, preferably through natural regeneration.

### Valleys

The valley of the black and Tarsit burns form the most structural land form in the plan area. Need to enhance diversity along these features. Tarsit burn developing through natural succession. Black burn need to increase linkage through to the forest edge.



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## Felling Proposals



### Legend

#### Coupes FELLING\_YEAR

-  2007 - 2011
-  2012 - 2016
-  2017 - 2021
-  2022 - 2026
-  2027 - 2031
-  2032 - 2036
-  >2036
-  CCF/Min Intervention
-  Other FC Roads
-  Class A
-  Proposed roads



Forestry Commission

#### FOREST ENTERPRISE DESIGN PLAN

No 102 Name THE Comb

Amendment No 1 Dated 29/7/11

Approved by [Signature]

Name/Grade R. J. [Signature]

Date 29/7/11

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Date

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Enterprise Map













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## Restocking Proposals

### Legend

#### Revised restocking Species

-  Larch
-  Larch Broadleaves
-  Larch Sitka spruce
-  Larch / Other conifer
-  Broadleaf
-  Other conifer
-  Mixed woodland
-  Open woodland
-  Sitka Lodgepole
-  Sitka spruce



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#### FOREST ENTERPRISE DESIGN PLAN

No 102 Name THE comb

Amendment No Dated

Approved by 

Name/Grade R.J. B.

Date 29/7/11

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