

South Falstone Forest Design Plan

Introduction

The South Falstone forest design plan covers 3860 hectares of the forest and forms the area of Kielder forest to the south of dam bounded to the Little Wick Hope and Chirdon Burns. The terrain is rolling hills incised valley associated with the burns running through the plan area. Other than internal views along the C200 and the immediate south shore (now designated for management as continuous cover forestry) not prominent in any major views The wind hazard class of the plan area also reflects the variation in altitude, the lower slopes presenting more stable sites. Opportunities therefore exist to employ continuous cover forestry on the more stable sites, though the some crops are beyond a point where conversion is practical and high windhazard class 5 of the upper slopes limits 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..

Achievements/alterations since last revision

1. Border mires : SSSI border mires that where afforested have now been clear of forest cover drains blocked and cleared of any natural regeneration. All are now in unfavorable recovering condition and meet the Public Service Agreement (PSA) 2010 target. The mire and a minimum of a 30m buffer will be maintained as open space habitat.
2. Areas of forest adjacent to Yarrowmoor and Elf Kirk : These areas are the first direct contact the forest has with the public road when entering from the East, the direction 70% of the visitors arrive from designated for management through continuous cover silviculture in previous plan revision, and proposed management to continue.
3. Smugglers Rigg : Remnant of the first Forestry Commission planting at Kidder, which has been left to develop through natural succession. Maintain as a minimum intervention area on the felling map and mixed woodland on the restocking.

Alterations to felling and restocking proposals

Felling proposal : some minor changes to coupe boundaries

Restocking proposal : 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.






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Kielder Forest

Location map

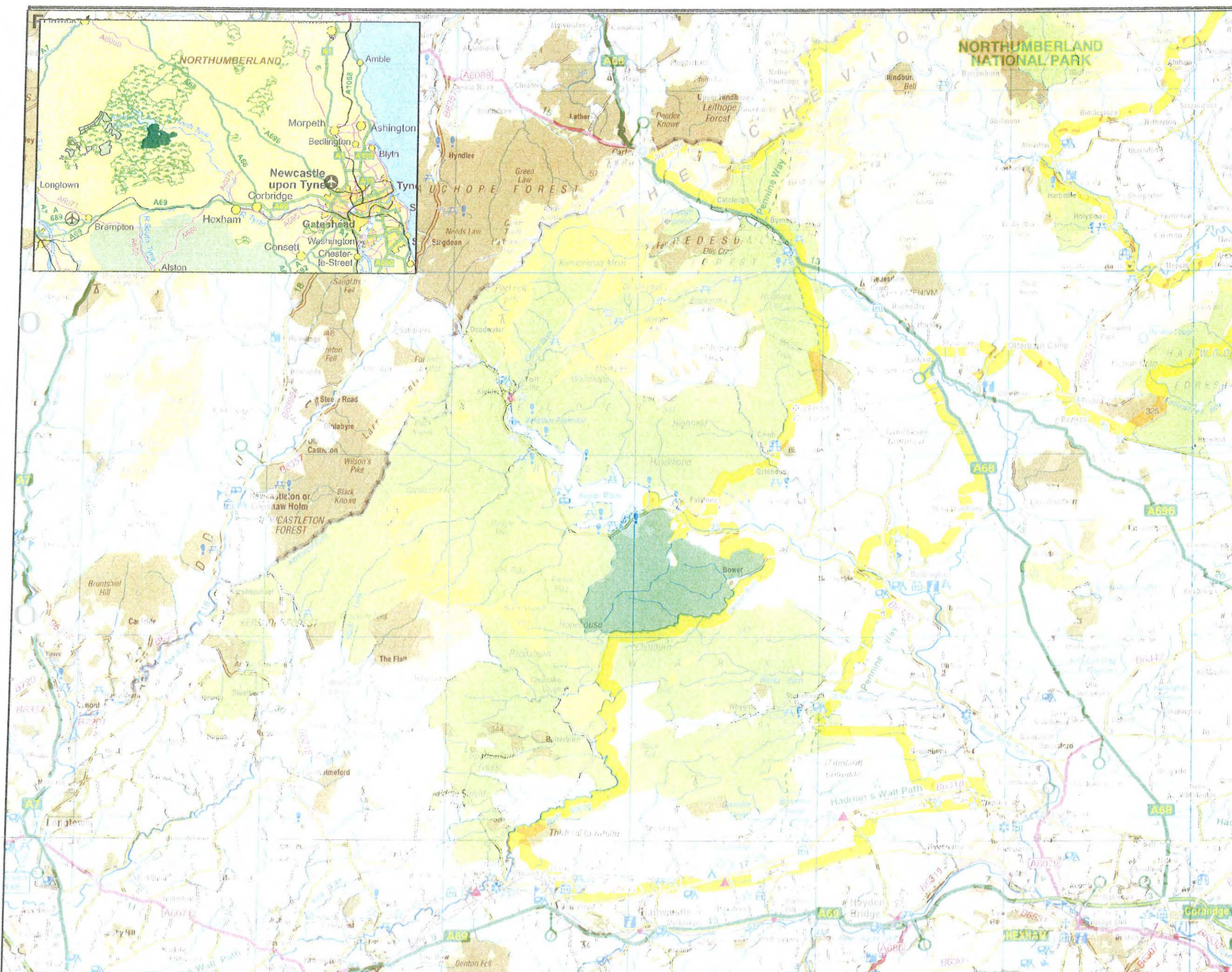
Legend

-  Plan area
-  Other FC land
-  Other woodland

Scale
Date

1:200,000
Jan 2011

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Current Species

Legend

Components Species

- Broadleaf
- Sitka spruce
- Other evergreen conifer
- Larch

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Economic Felling

Legend

Coupes
OPTIMALYR

-  beyond economic
-  2012 - 2016
-  2017 - 2021
-  2022 - 2026
-  2027 - 2031
-  2032 - 2036
-  >2036
-  Continuous cover

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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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


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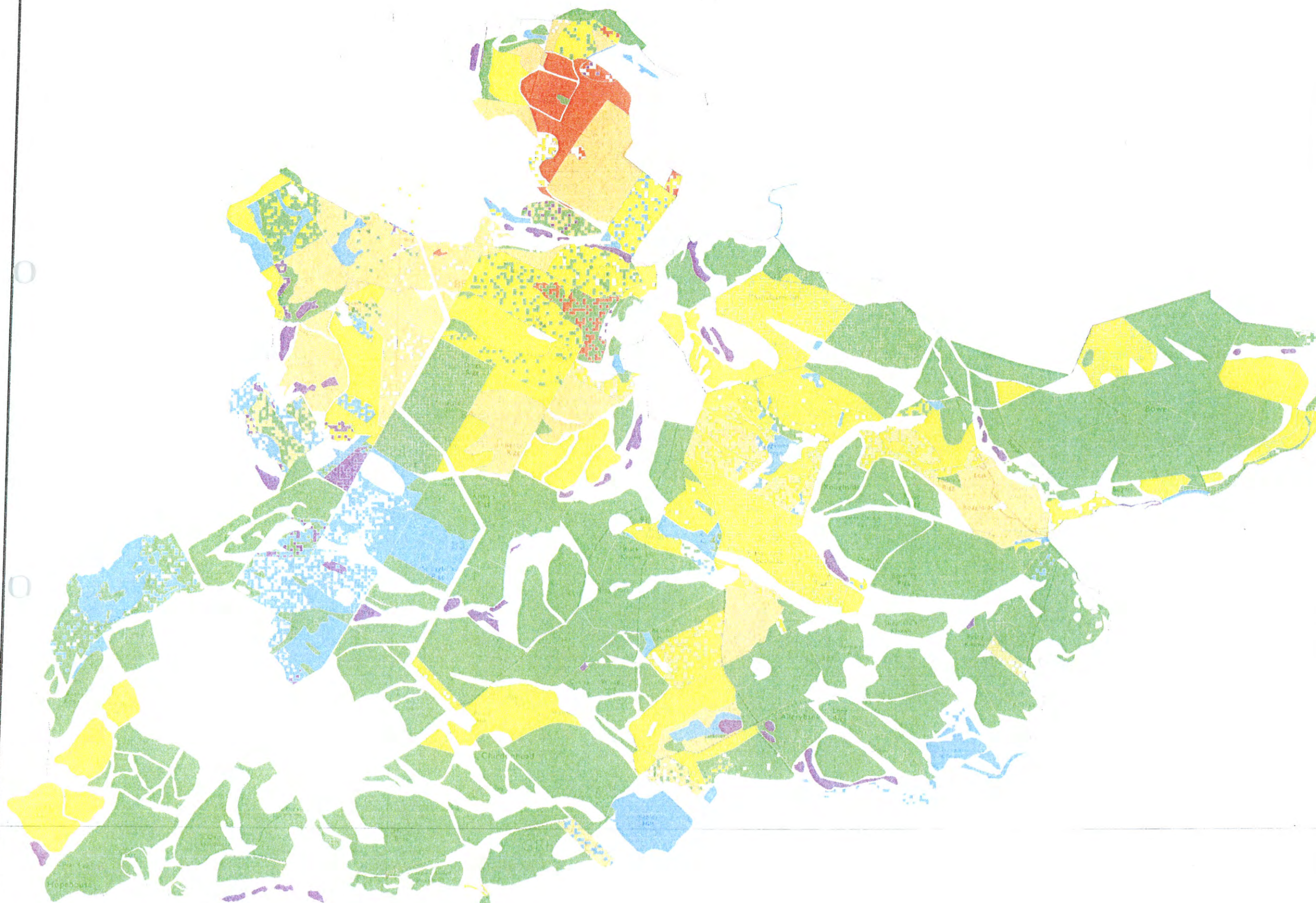
Yield Class

Legend

Components

YLDC

	22 plus
	18 to 20
	14 to 16
	10 to 12
	6 to 8
	2 to 4
	0



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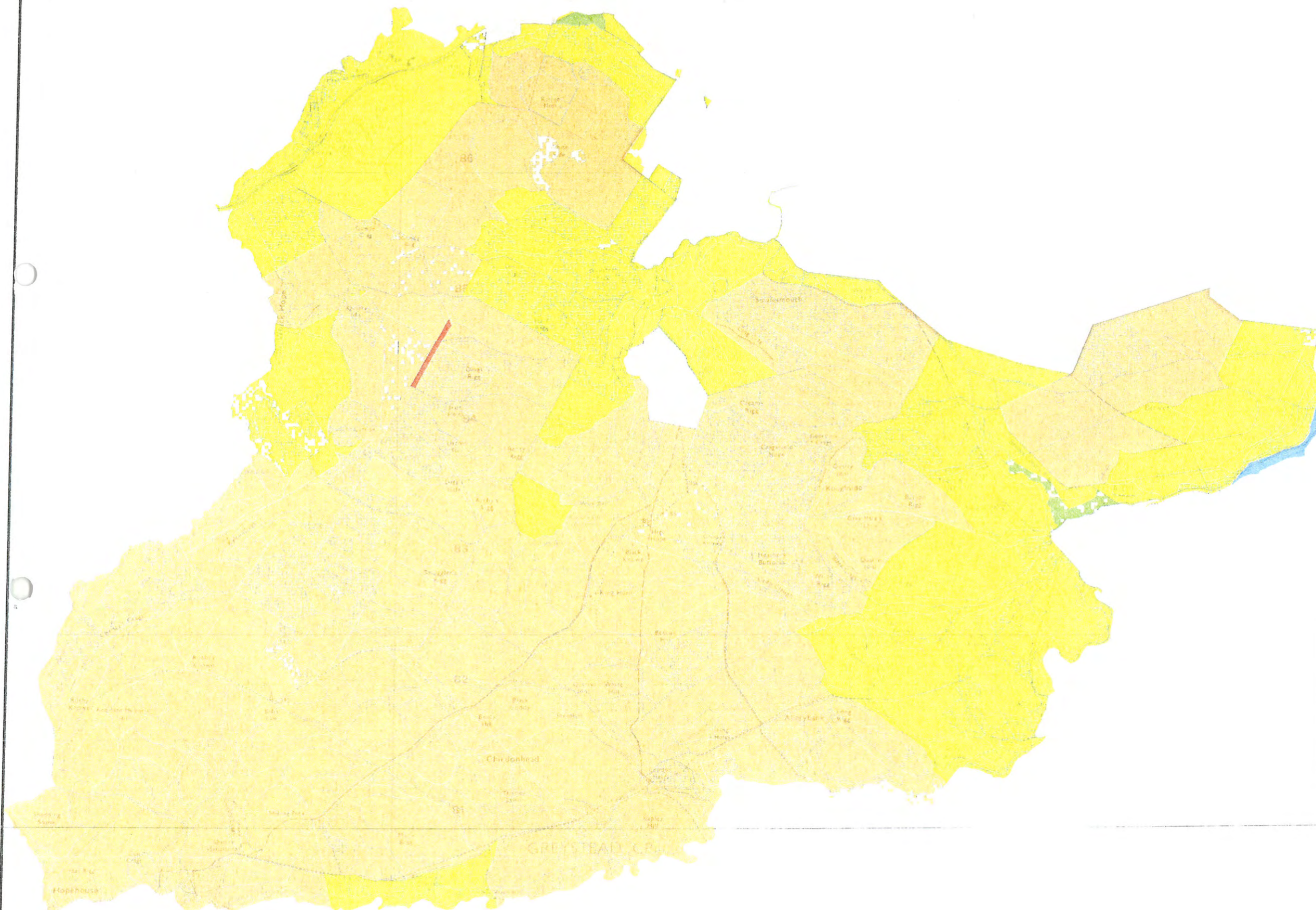
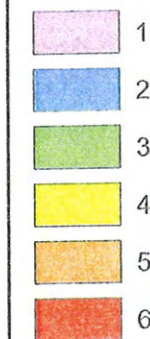
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Windhazard Class

Legend

Components

WHCL



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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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Kielder Forest Park



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Conservation

Legend

archaeology

- + Listed building
- + Scheduled monument
- + Unscheduled monument

water_courses

- Major watercourses
- Minor watercourses
- archaeology_line
- Conservation Site Point
- Conservation Site Line
- Conservation Site Polygon
- SAC
- NNR
- SSSI
- border mires

asn

STATUS

- ASN
- PAWS

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Other Resources

Legend

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

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Tower Knowe visitor center

The area of Tower Knowe does not fall under Forest Enterprise management. However the transition between the center and the surrounding forest should be maintained to look seamless as at present.

Continuous cover

The less exposed sites within the plan area provide the potential for continuous cover silviculture to be employed.

View pinch point

In order to mitigate the visual pinch point planting in the field corner has taken place

Riparian woodland

Removed the remaining first rotation crops and establish new native woodland to link with neighbour's planting down stream

Ancient monuments

A number of ancient monuments are present within the plan area these can be opened up at clearfelling and maintained as open space through subsequent rotations

Elf Kirk

Investigate the potential for the creation of new native woodland and grazing on and around Elf Kirk and Falstone moss

Sumgler's Rigg Plantation

The plantation contains a remnant of the first planting at Kielder forest and is being left as a Natural reserve to turn over by natural processes

Border mires are of considerable conservation interest. Remove the trees from the mires at clearfelling and leave as open habitats through subsequent rotations

Valley Zone

The valleys associated with Little Whickhope, Smailes and Chirdon burns form the most structural landform in the plan area, providing opportunities for adding diversity into the structure of the forest.



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Design Concept

Legend

category

-  Continuous cover
-  Elf kirk/Falsone moss
-  Main watercourses
-  Remove remaining first rotation
-  Sumgglers rigg
-  Tower Knowe
-  Visual pinch point
-  concept_s_res
-  Border mires
-  Main watercourse

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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



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FOREST ENTERPRISE DESIGN PLAN

No. 107 Name SOUTH FALSKONE

Amendment No. 1 Dated 29/7/11

Approved by [Signature]

Name/Grade RJ LWS PBS

Date 29/7/11

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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 167 Name South FALSTONE

Amendment No 1 Dated 29/7/11

Approved by R.J. Law P.B.S.

Name/Grade R.J. Law P.B.S.

Date 29/7/11

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