

Humble Hill Forest Design Plan

Introduction

The Humble Hill forest design plan covers 2918 hectares in the centre of the southern section of Kielder Forest. The terrain of the area is generally of rolling hills though becoming more pronounced towards the northern section of the plan area. The area is not dominant in any external views or from any major view point. The wind hazard class of the plan area is generally high (the majority being design as class 5), opportunities to employ continuous cover forestry are therefore limited. The majority of crops are growing well (achieving yield class 12), and are a mixture of young second rotation crops, and first rotation crops. The majority of first rotation crops are at or approaching the date of economic maturity. The following table lays out the main features driving the revision of the design plan, and their influence on the felling and restocking plan.

Achievement 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. Moorland Boundary : an element of open woodland is being established at the forest open moor interface
3. Ancient momuments : The following scheduled ancient monuments fall with the plan area Medieval shielings West of Paddaburn crags (smr 25120), Two medieval sheils NNW of Tom's Crags (smr 25121)and Woolfe Kennel Cave natural cavity utilised as a shieling (smr 25122) no works have been carried out since the last plan review
4. Right of way are being left unplanted at restocking, the width of the unplanted land along rights of way will he varied, but never less than 3m for footpaths and 4m for bridleways. Trees planted adjacent to public rights of way will be pruned as required to maintain free access.

Alteration 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.



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Kielder Forest

Location map

Legend

- Plan area
- Other FC land
- Other woodland

Scale
Date

1:200,000
Jan 2011

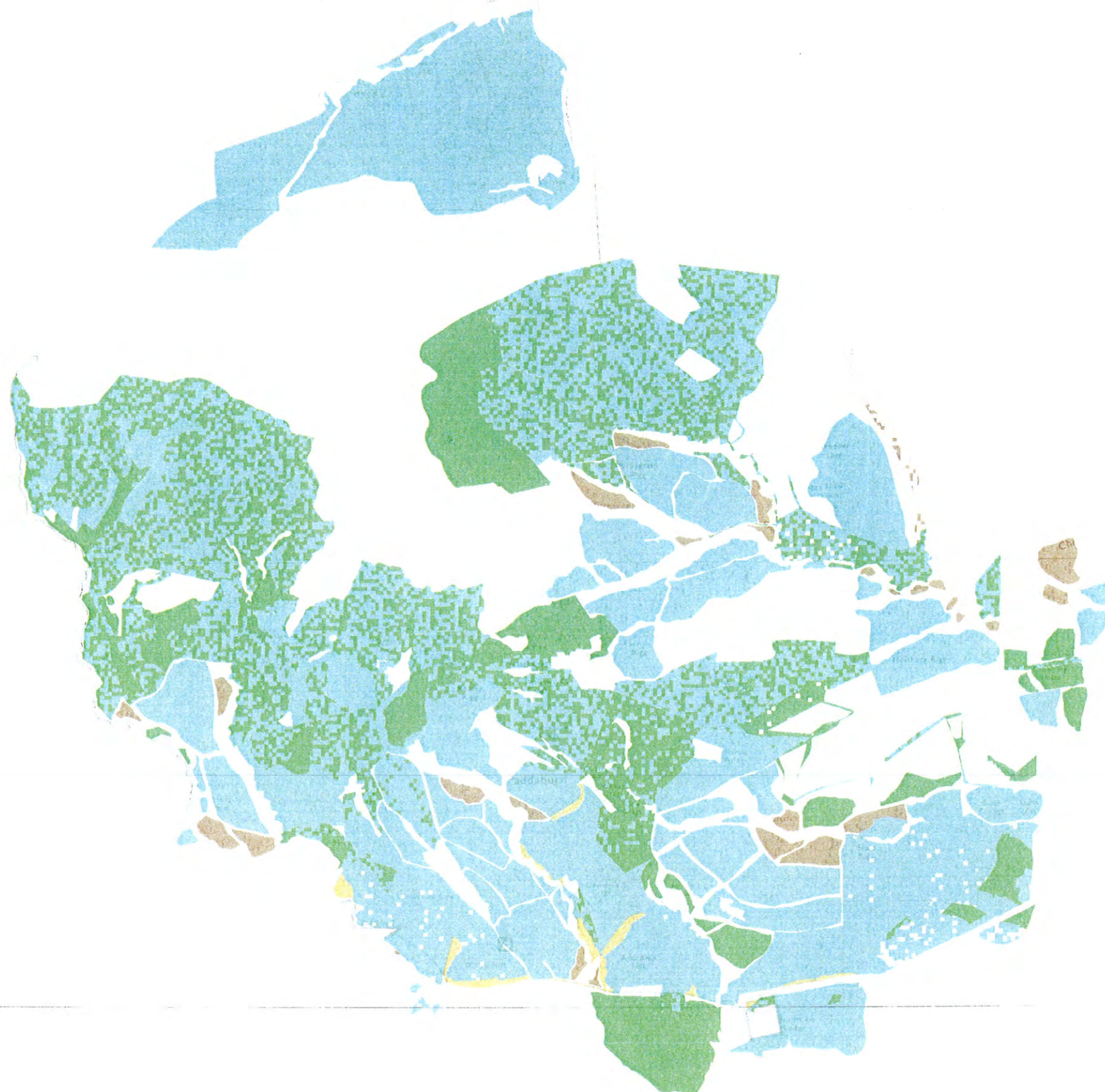
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Current Species



Legend

Components

Species

- Broadleaf
- Sitka spruce
- Other evergreen conifer
- Larch

Scale
Date










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Jan 2011

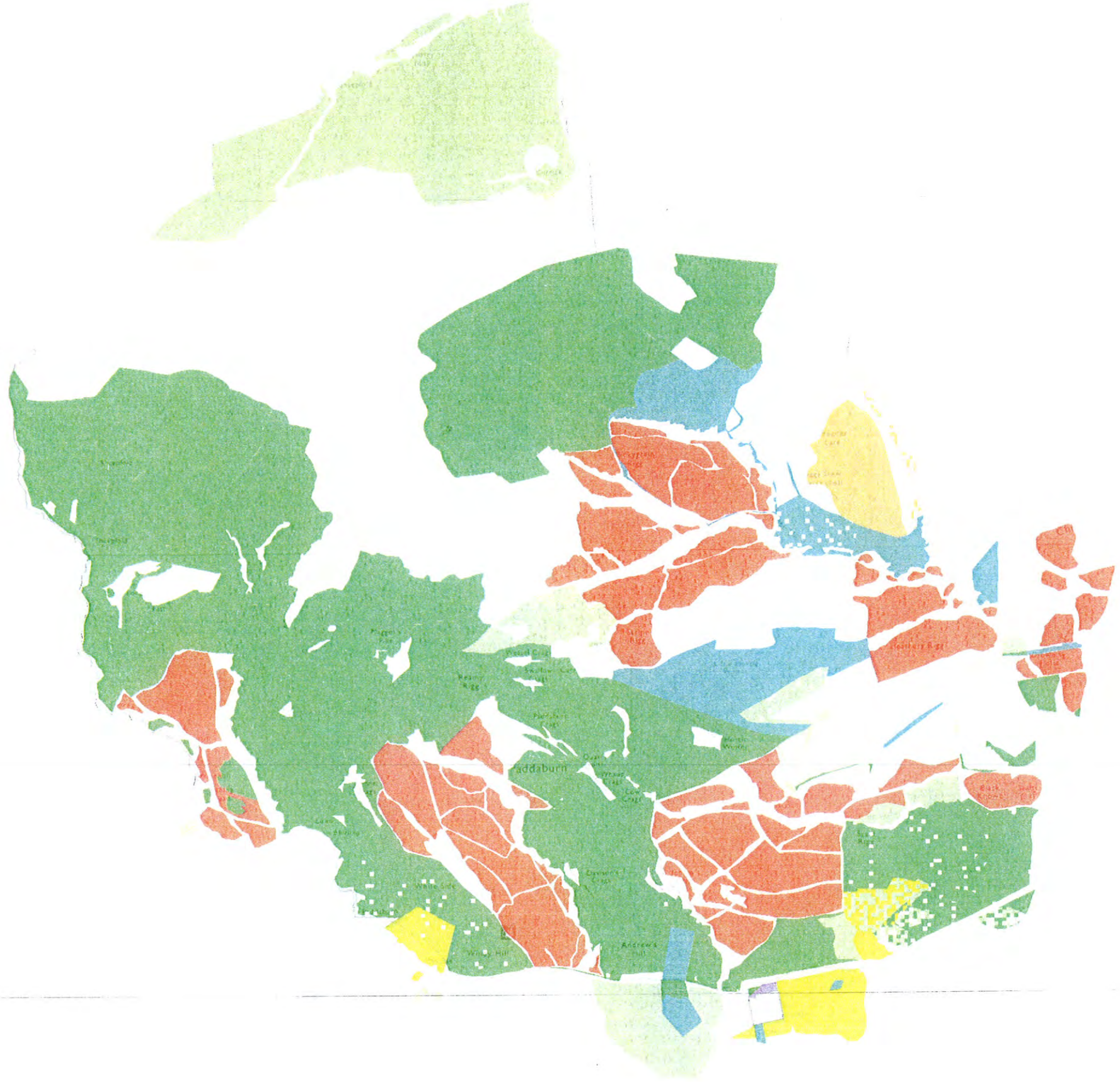
Planting Year

Legend

Components

PLYR

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



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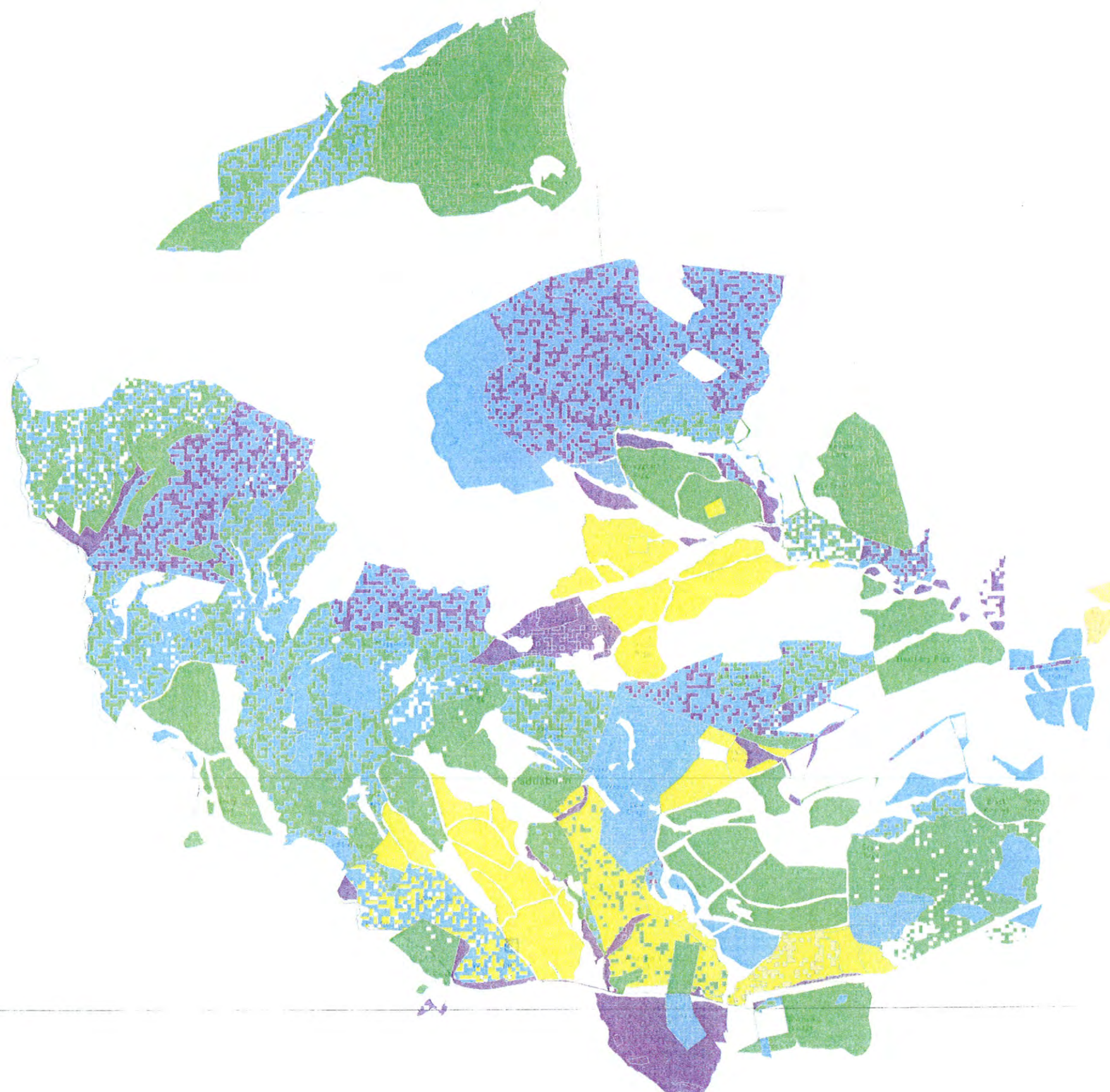
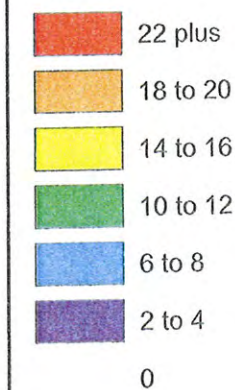
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Yield Class

Legend

Components

YLDC



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Windhazard Class

Legend

Components

WHCL

- | | |
|---|---|
|  | 1 |
|  | 2 |
|  | 3 |
|  | 4 |
|  | 5 |
|  | 6 |

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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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Landform

Legend

landform

TYPE

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

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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

- ASNW
- PAWS

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Other Resources

Legend

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

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Design Concept

Black grouse

Through mire clearances, diversifying the forest edge, the introductions of a proportion of open woodland, and transient open space through clearfelling. Look to provide a forest structure with the potential to support a black grouse

Border Mires

Clear the former extent of the mires at clearfelling and leave open through subsequent rotations.

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

The main watercourses running through the Forest form the main structural feature. Additional open space and broadleaf planting can emphasise these. Conifer regeneration will be allowed in small pockets so long as this does not affect the overall visual and ecological integrity.

Early Planting

A small area of 1930s planting exists on a relatively stable site and provides an opportunity to allocate the area to minimum intervention

Legend

Concept

-  Early 1930s planting
-  Upper forest margin
-  Border mires
-  Main watercourses

Scale
Date

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Felling Proposals



Forestry Commission

FOREST ENTERPRISE DESIGN PLAN

No 1.10 Name Humble Hill

Amendment No 1 Dated 29/7/11

Approved by [Signature]

Name/Grade R.S. Lewis PB3

Date 29/7/11

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

Scale
Date

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Kielder Forest



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FOREST ENTERPRISE DESIGN PLAN

No. 110 Name: Humble Hill

Amendment No. Dated

Approved by [Signature]

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

Date 29/7/11

Restocking Proposals

Legend

Revised restocking SPP

- Sitka spruce
- Broadleaf
- Other conifer
- Open woodland

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