

Castle Hill Forest Design Plan

Introduction

The Castle Hill forest design plan covers 1477 hectares of the forest to the North and East of Kielder village. The terrain of the area is a slope generally to the west, with the lower slopes dominating views to the East of Kielder village and castle. 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 lower slopes, though the 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. The following table lays out the main features driving the revision of the design plan, and their influence on the felling and restocking plans

Achievements since last revision

1. Kielder Burn and Blakethin Lakeshore : The Kidder Burn and Blakethin Lake Shore represent more stable site types within Kidder, mainly WHC 4 with some more stable areas. Managed as continuous cover on the felling plan.
2. Ancient monuments :the following scheduled monuments are located in the plan area Gibbie’s Knowe (smr 25191), Devil Leapfull (smnr251 06), (3owanburn settlement (smr 25112), Deadman Cairn (smr 25105), Hobbs Knowe (smr25 111), l3utteryhaugh (snir25 107) scheduled ancient monuments. Since the last revision the crop surrounding Gibbies Knowe a pre Roman a defended settlement have been harvested and a buffer of open land left at restocking
3. Moorland Boundary : an element of open woodland is being established at the forest open moor interface
4. Ancient semi natural (ASNW) and ancient replanted woodland (PAWs)

Alterations to felling and restocking proposals

Felling proposal : some significant rescheduling the timing of some felling coupes though change in coupe boudaries minor

Restocking proposal : Redistribute No significant change to the restocking proposals



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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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Forester



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Current Species

Legend

Components

Species

- Broadleaf
- Sitka spruce
- Other evergreen conifer
- Larch

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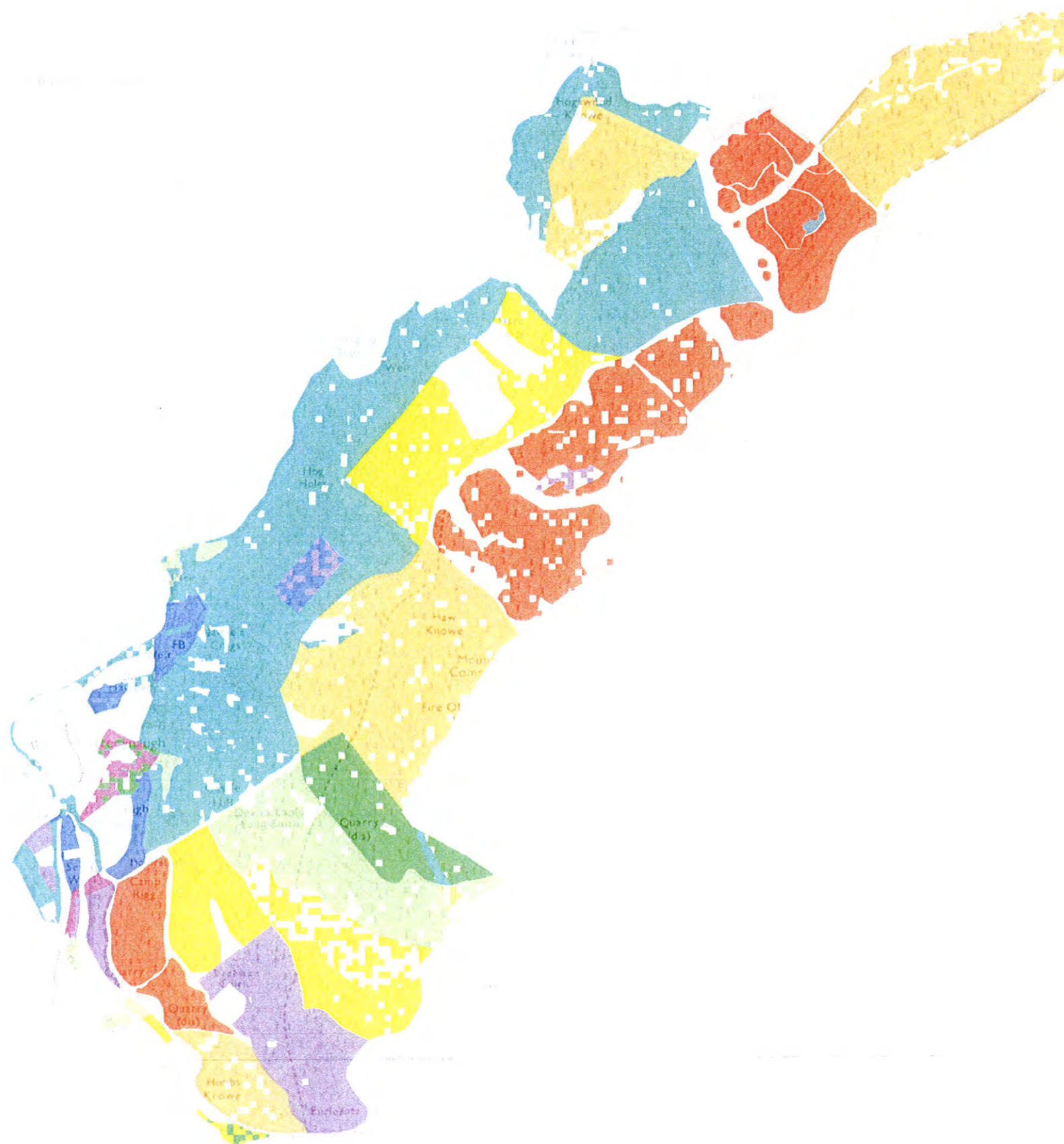
Planting Year

Legend

Components

PLYR

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



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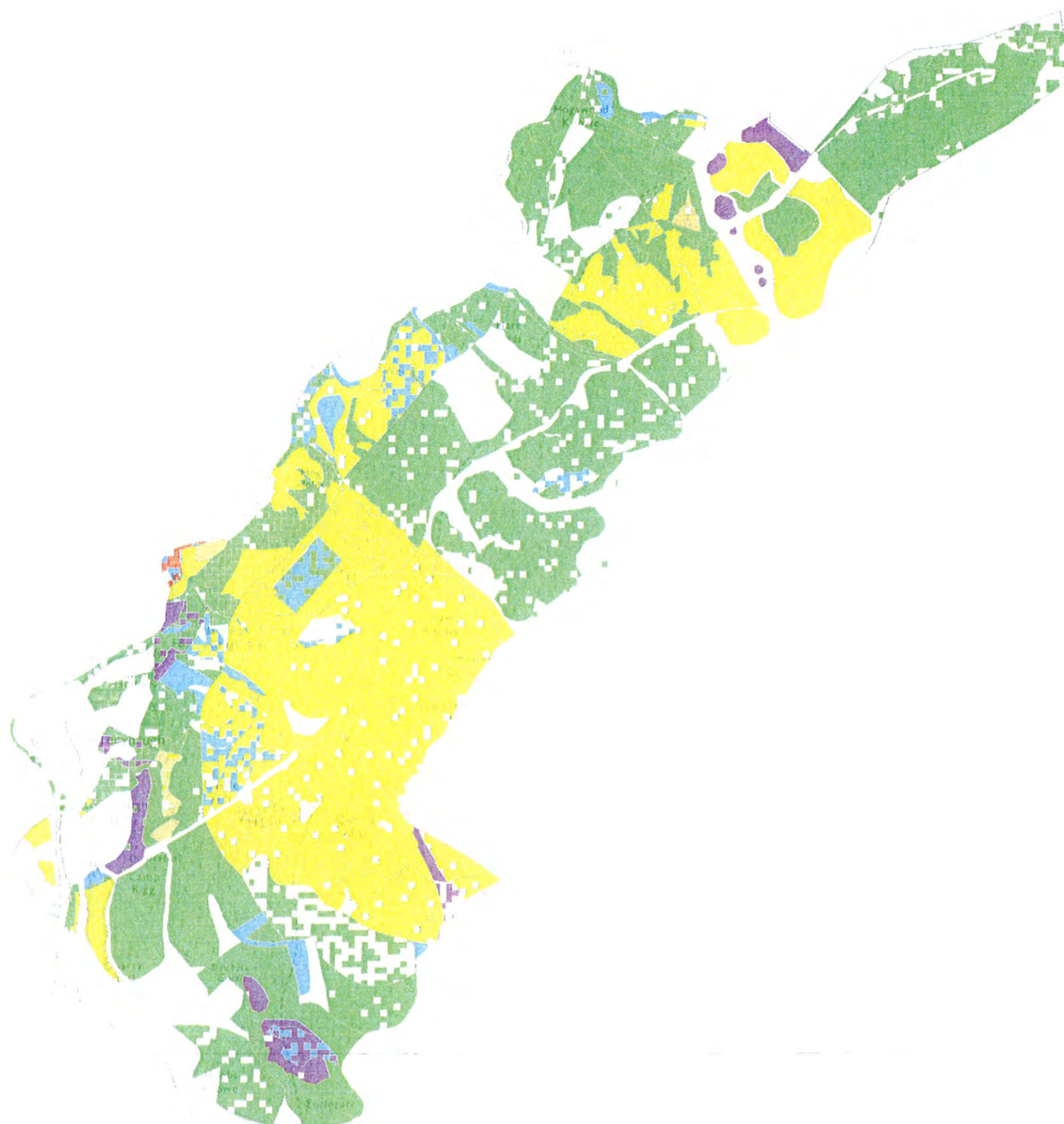
Yield Class

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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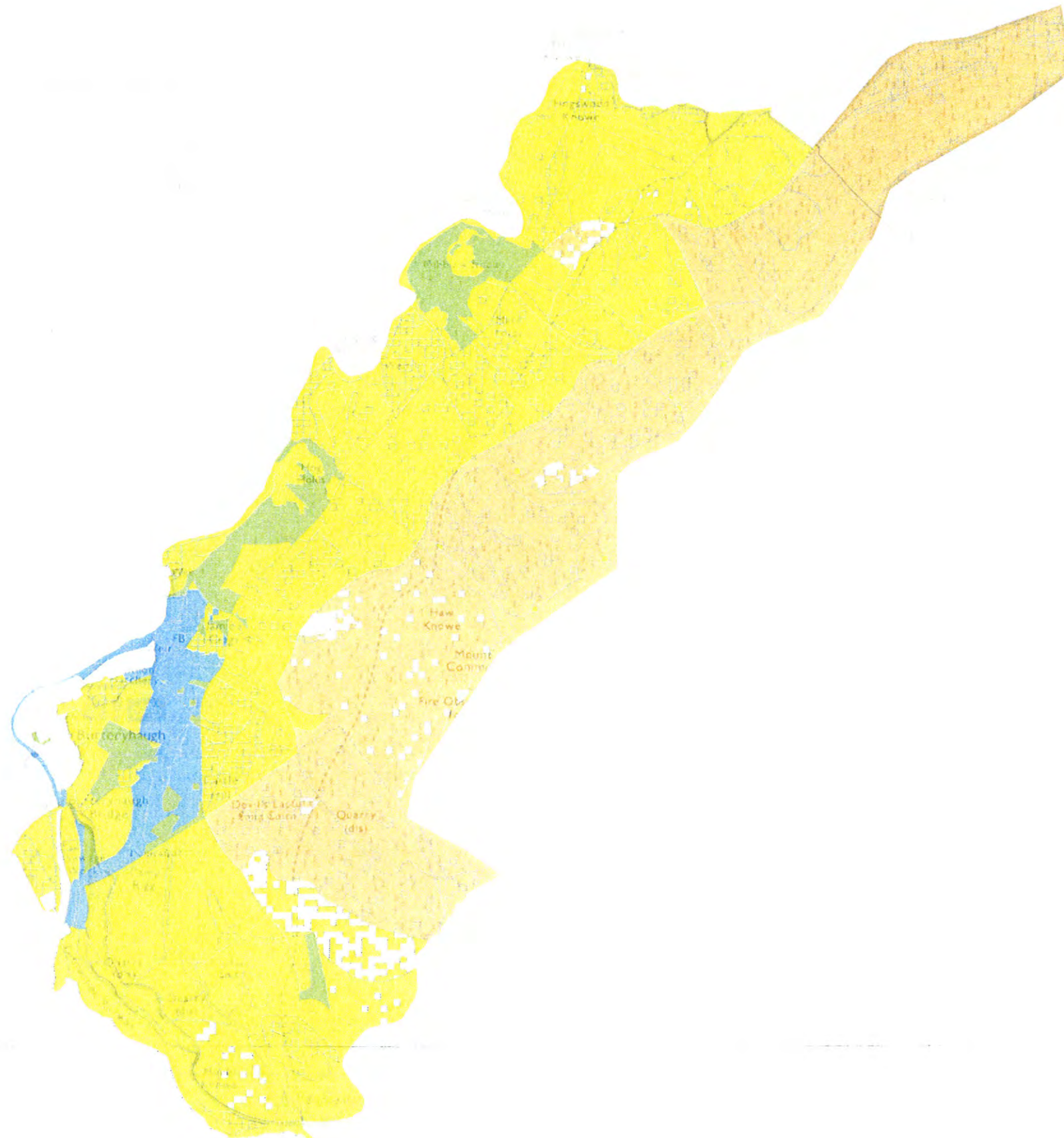
Windhazard Class

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

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

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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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**Gibbie's knowe**

The first rotation crop around Gibbie's knowe has now been clearfelled and a greater buffer to be left at restocking with broadleaf and open space to the North

Ancient woodland site

Maintain and develop native species on or adjacent to the ancient woodland site by the process of species selection during thinning operations.

Continuous cover

The less exposed sites within the plan are together with previous thinning history provide the potential for employing continuous cover forestry

Kielder recreation zone

The forest surrounding Kielder castle and village is an important feature in maintaining the feel of the area. Look to maintain large trees in the landscape.

Moorland boundary

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

Legend**concept_castle**

<all other values>

category

Continuous cover

Gibbie's Knowe

Kielder recreation zone

Moorland boundary

Main watercourses

archaeology

Scale
Date

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Jan 2011

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Felling Proposals

Legend

Coupes

FELLING_YEAR

-
- Legend:
- 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. 101 Name CASHILL

Amendment No. 2 Dated 20/05/2024

Approved by 

Name/Grade V. J. Law HS

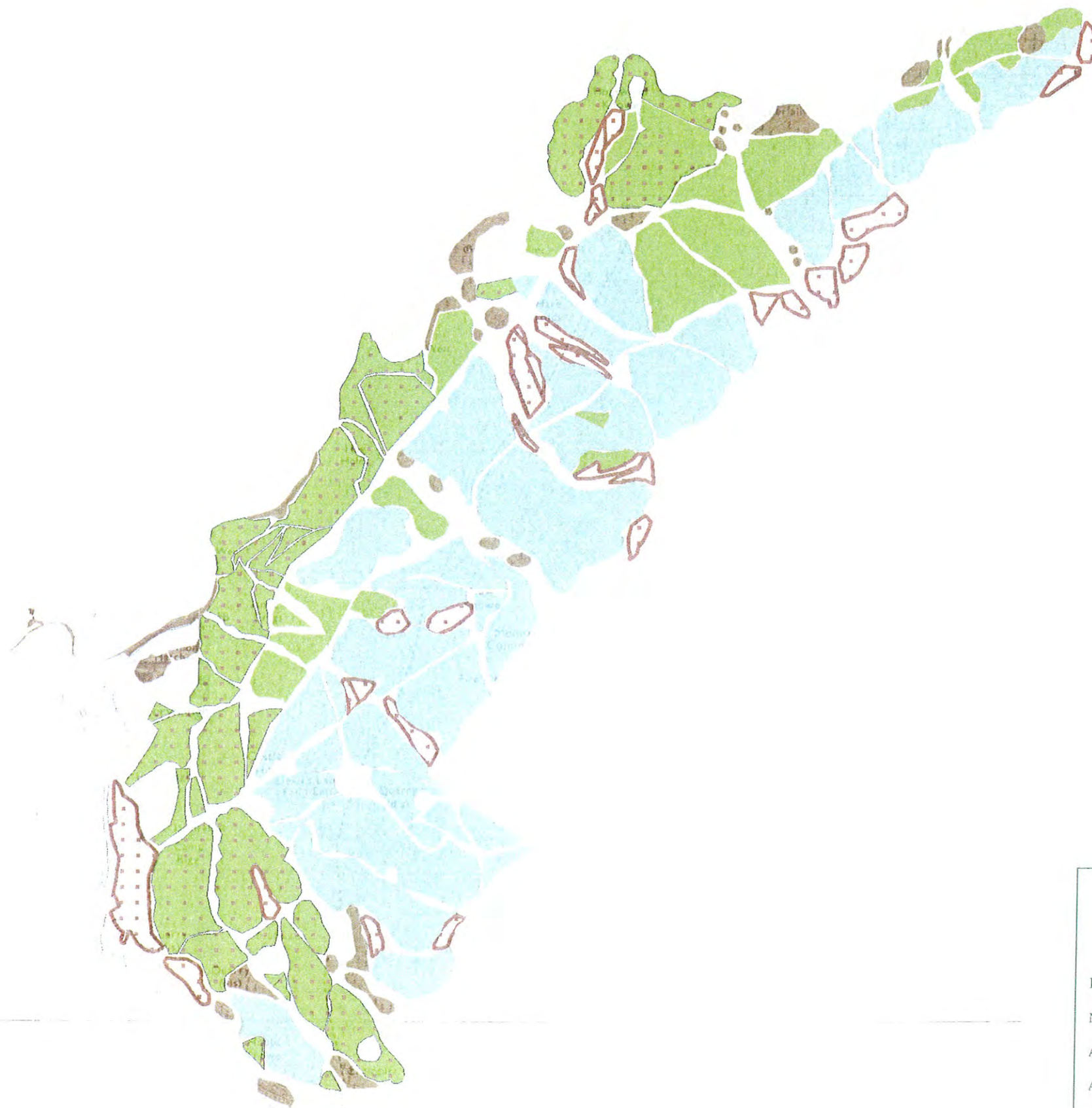
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Restocking Proposals

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. 101 Name CASHILL

Amendment No. Dated

Approved by 

Name/Grade R. J. Paul PB3

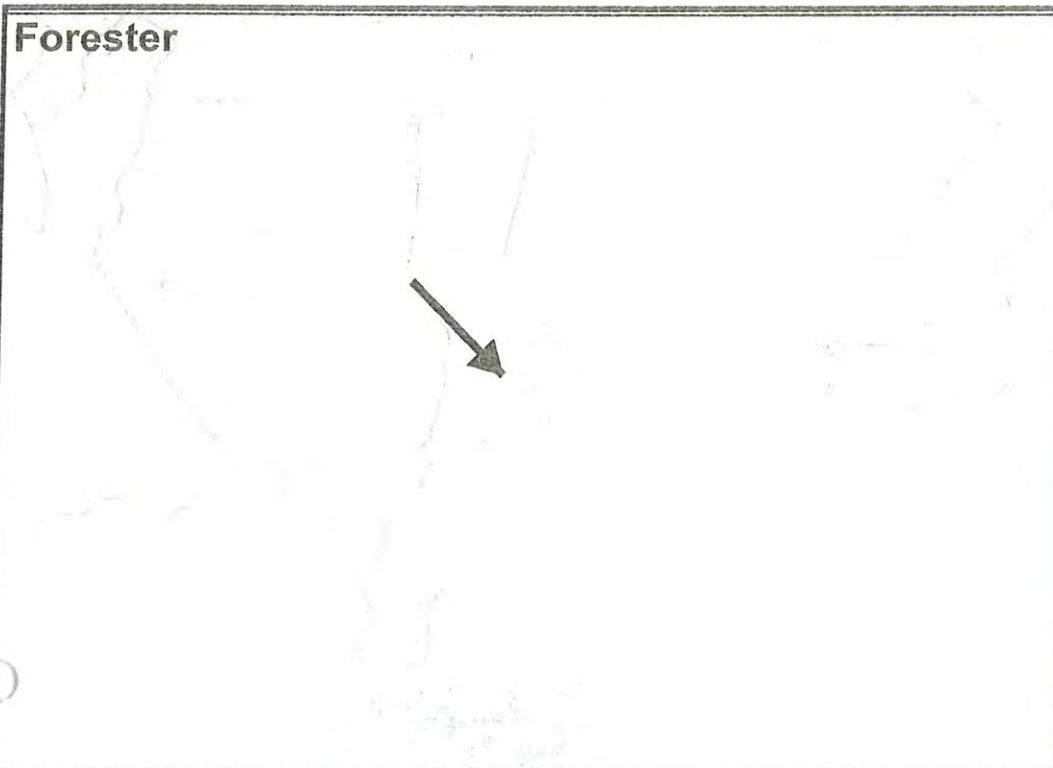
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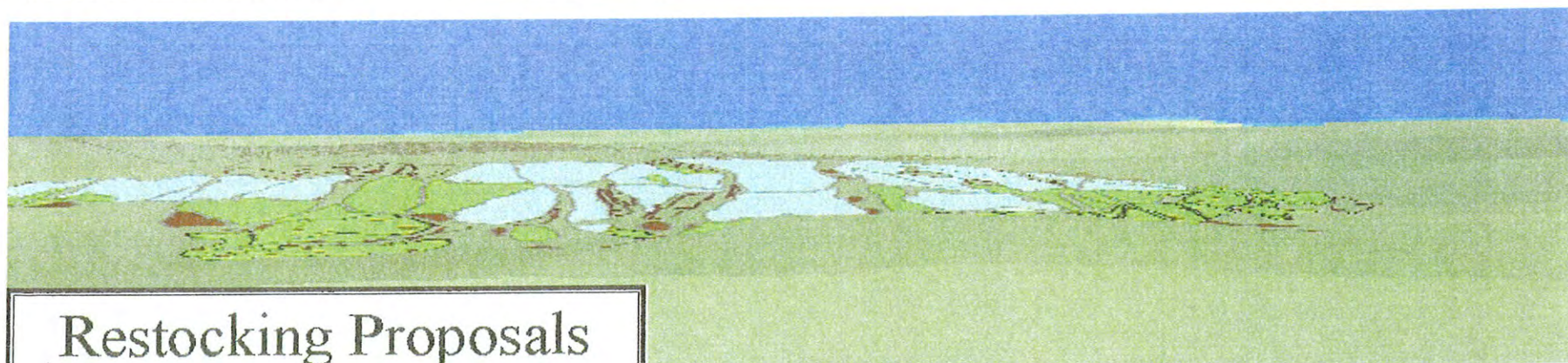


Windfirm boundaries of the first rotation tend to run straight up the slope. Limiting options to interlock the coupes, however the restocking of the second will provide greater options for future felling coupe boundaries

View of Castle Hill from Deadwater summit



Felling Proposals

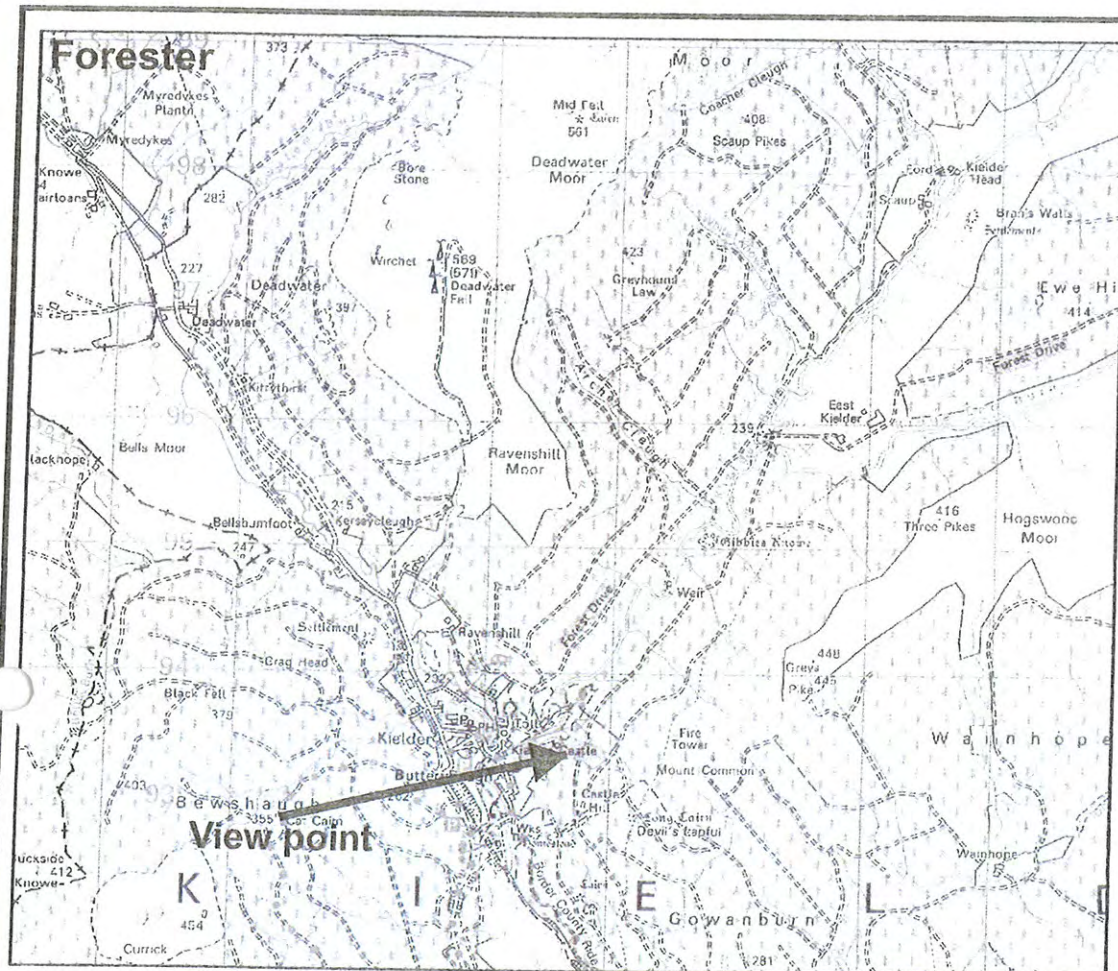


Restocking Proposals



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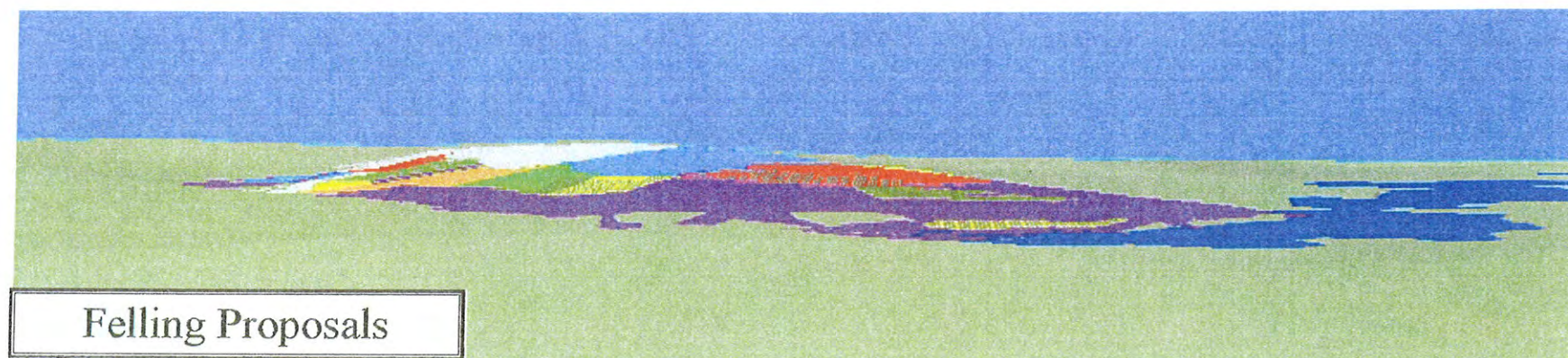


View From Skyspace

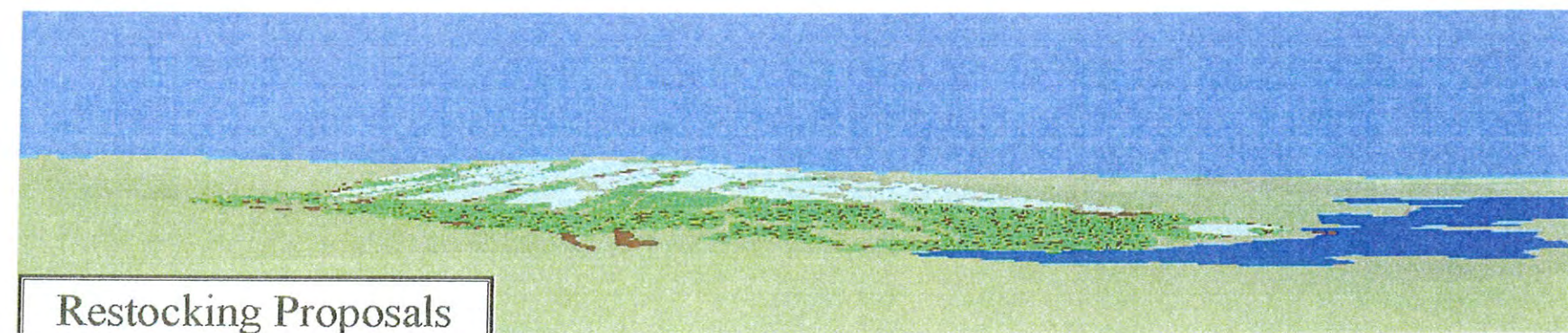


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Felling Proposals



Restocking Proposals



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