

Redesdale Forest Design Plan

Introduction

The Redesdale Forest design plan covers 5,002 hectares and covers the northern section of Kielder Forest. The terrain is dominated by the valleys of the rivers Rede and Blakehope, and Spithope burns the sides of which form the main landform within the plan area, opening out to a plateau of the fells above. The A68 also runs through the plan area, it is the only primary traffic route running through the Kielder forest. The mixed forest that abuts the route is a significant feature of the journey along the route. The wind hazard class of the plan area are generally high (the majority being designated as class 5). It rises to reflect the increase in altitude moving up the valley sides, The valley bottoms and lower slopes present the most stable areas and opportunities to employ continuous cover forestry. 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 a significant proportion are at or past the date of economic maturity.

Achievements/alterations since last revision

1. Moorland Boundary : an element of open woodland is being established at the forest open moor interface
2. Ancient monument : The 3 Kings four poster stones and round cairn (smr 25074), Dour hills Ing cairn (smr 25098) and round cairn on the western slopes of Dour hill (smr 28885) all have agreed management plans though no significant works since last review.
3. Ancient semi natural (ASNW) and ancient replanted woodland (PAWs): two ancient woodland sites are present Robs wood (PAWs) and Dead wood (ASNW) since the last revision restocking part of Robs wood, and extension planting at dead wood planting with native has taken place with native broadleaf species

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.



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Location map

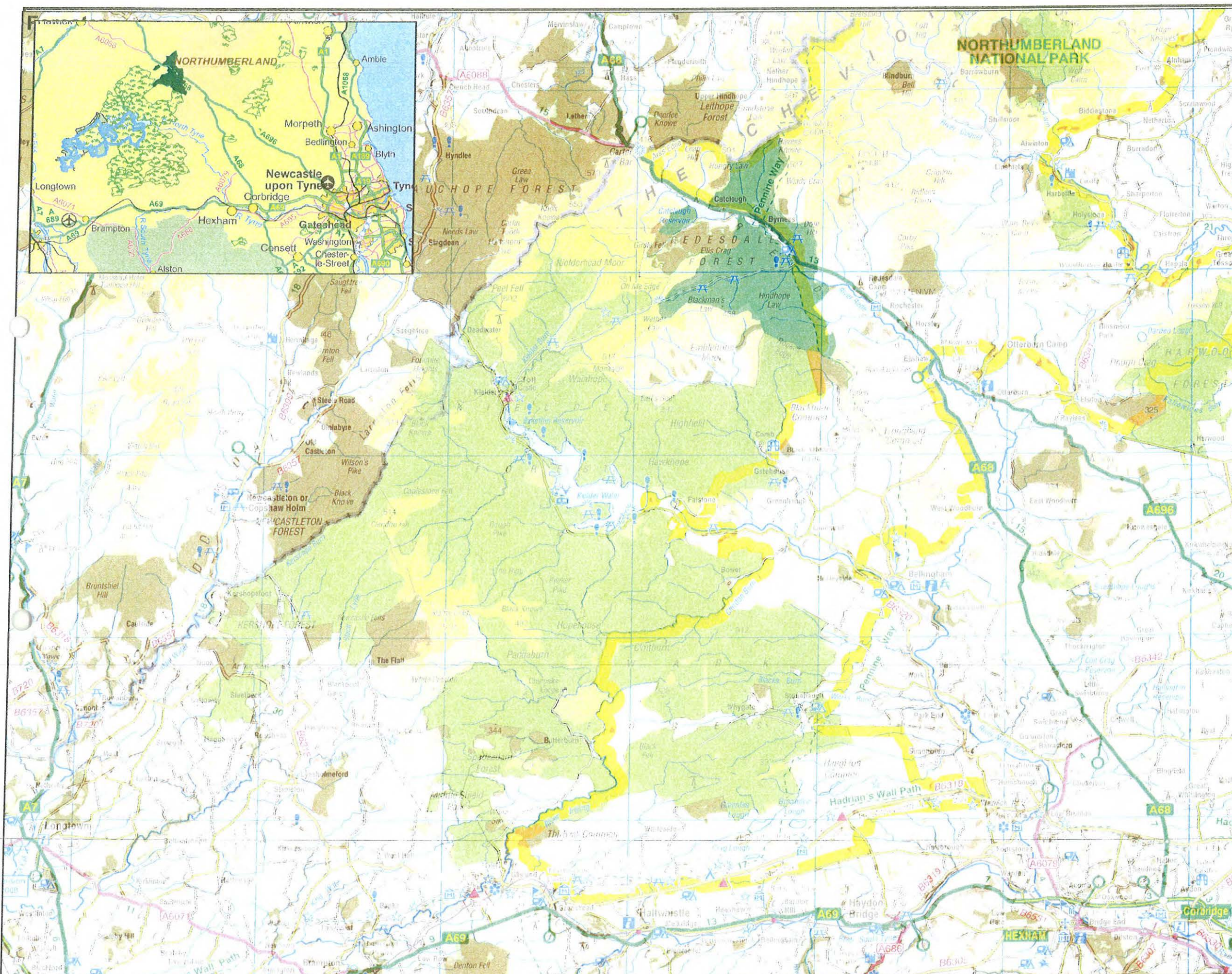
Legend

-  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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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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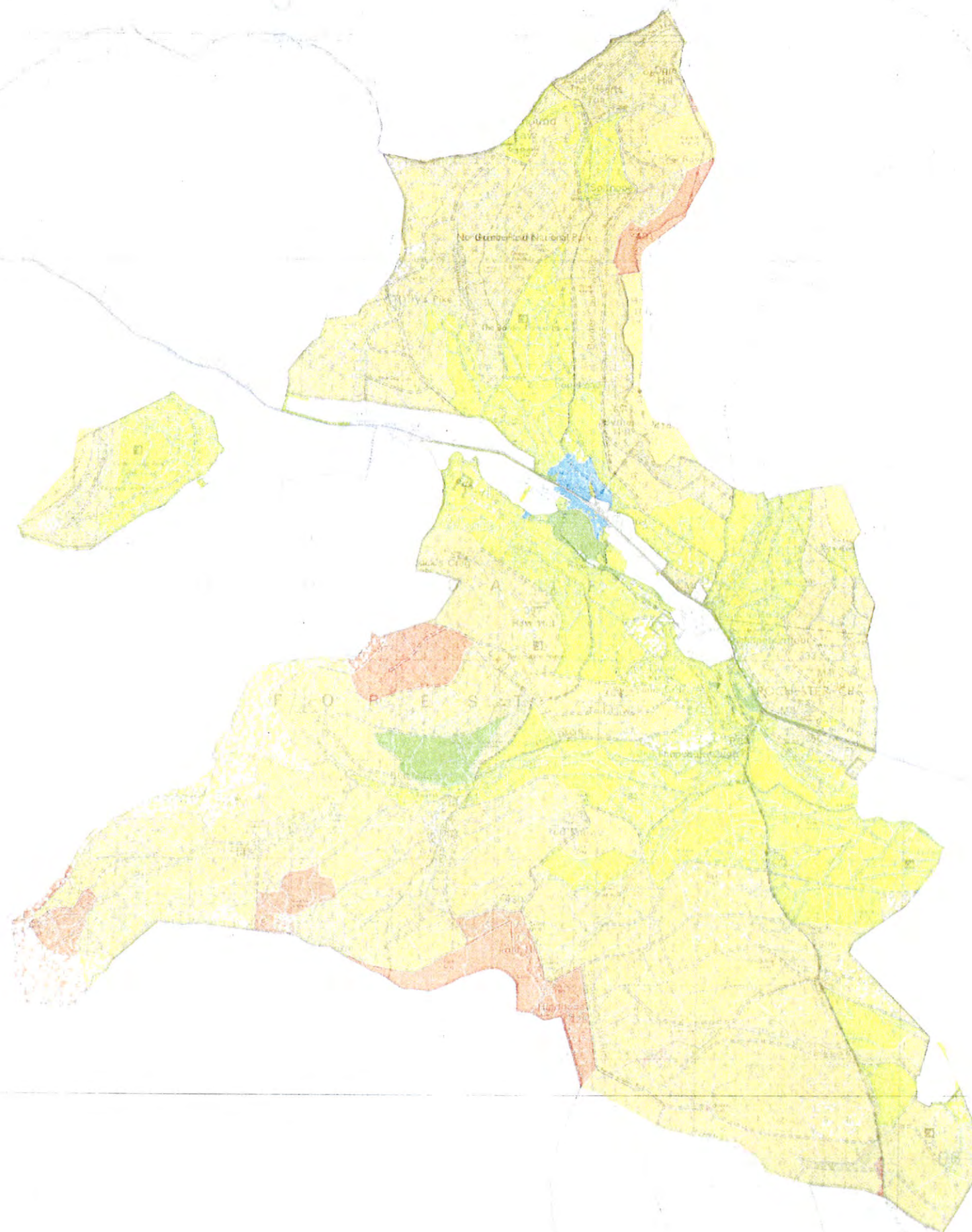
Windhazard Class

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

-  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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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

Important Woodland Edge Habitat

Recent felling has provided a more mixed habitat, which among other is being utilised by black grouse. Opportunities therefore exist to extend this habitat and maintain an element of immaturity within the woodland structure.

Neighbouring Forests

Consult with neighbouring forest managers over plan review

Forest Drive

A major recreational facility within the district. A need to introduce diversity into the route in keeping with the recreational use by vehicles

Forest SSSI/NNR boundary

The Kielderhead SSSI and NNR are an important moorland habitat, care therefore needs to be taken to ensure that the restocking not only conforms to land form but that also habitat links to the matrix of the forest block occur, utilising the major water course.

A68 Corridor

Visual sensitive area within the plan area, however the sheltered nature and better soils provide the greatest scope to utilise lower impact silvicultural systems. Thereby maintain/enhance the visual diversity.

Ancient Woodland Site

Expand the area of native broadleaf woodland associated with the ancient replanted and ancient semi-natural woodland sites at Dead Wood. Look to link the two sites through natural regeneration.

Highly Visible Forest Boundaries

Opportunities need to be taken at restocking to replant the boundary more in keeping with landform

Main recreation site

The carparking and associated facilities (waymarked trails) located at the North end of the Forest Drive, make this area the main location for recreation on foot within the forest block. Woodland feel within this area to be maintained by the use of lower impact silvicultural systems, and smaller scale felling coupes, and introduction a more intimate species diversity.

Main Water Course

These provide areas with the greatest potential, for the introduction of species diversity, due to the generally better soils and greater shelter associated with them

Legend

Category

-  Ancient woodland
-  Forest drive
-  Forest NNR/SSSI boundary
-  Moorland edge
-  A68 road corridor
-  Recreation site
-  highly visible forest edge
-  Neighbouring forests
-  Main watercourses

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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 106 Name Renessdale

Amendment No. 1 Dated 29/7/11

Approved by R.S.P. RB3

Name/Grade R.S.P. RB3

Date 29/7/11

Scale
Date

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
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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 106 Name Renesdale

Amendment No. _____ Dated _____

Approved by [Signature]

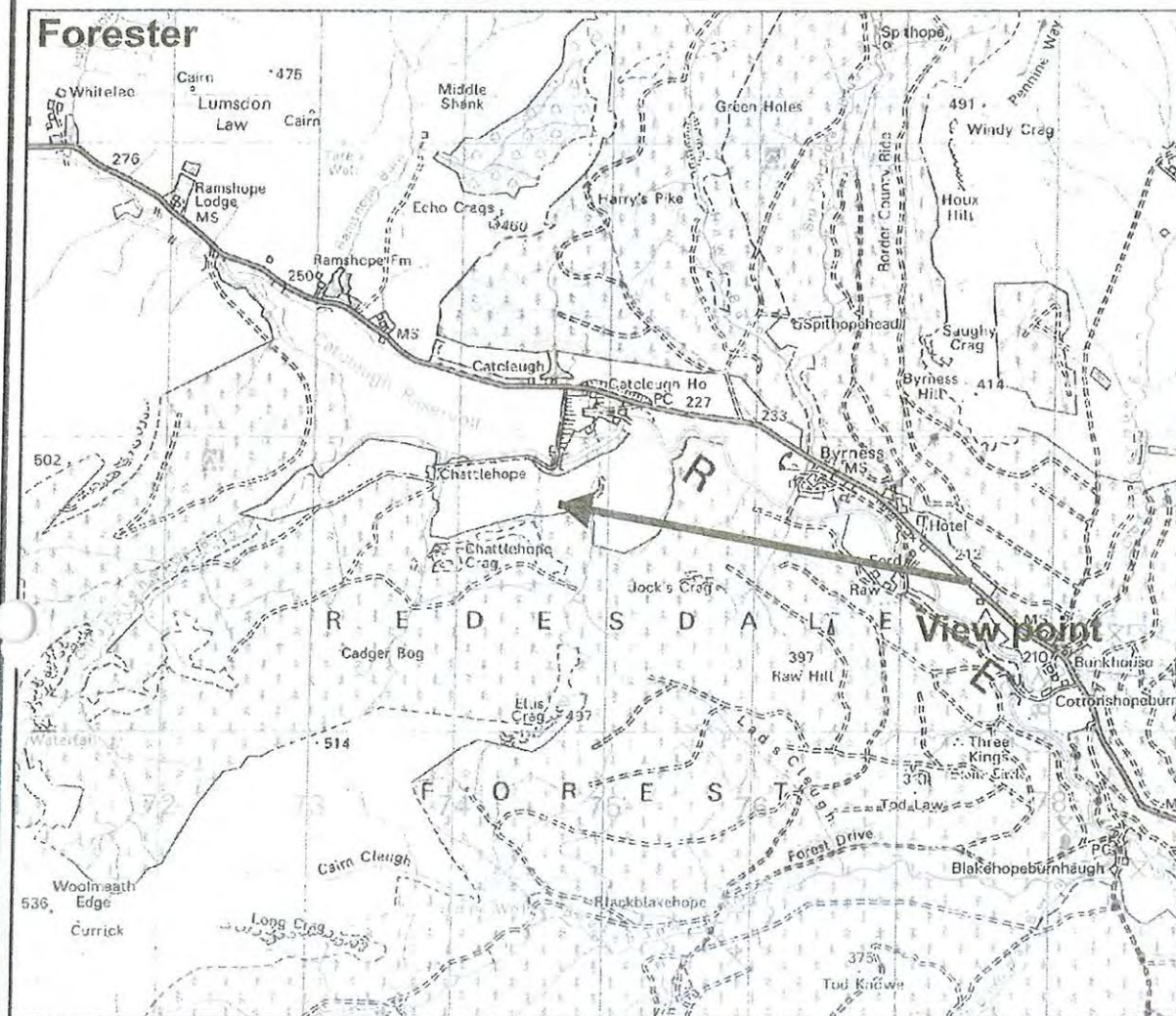
Name/Grade R.J. Bow PBS

Date 29/7/11

Scale
Date

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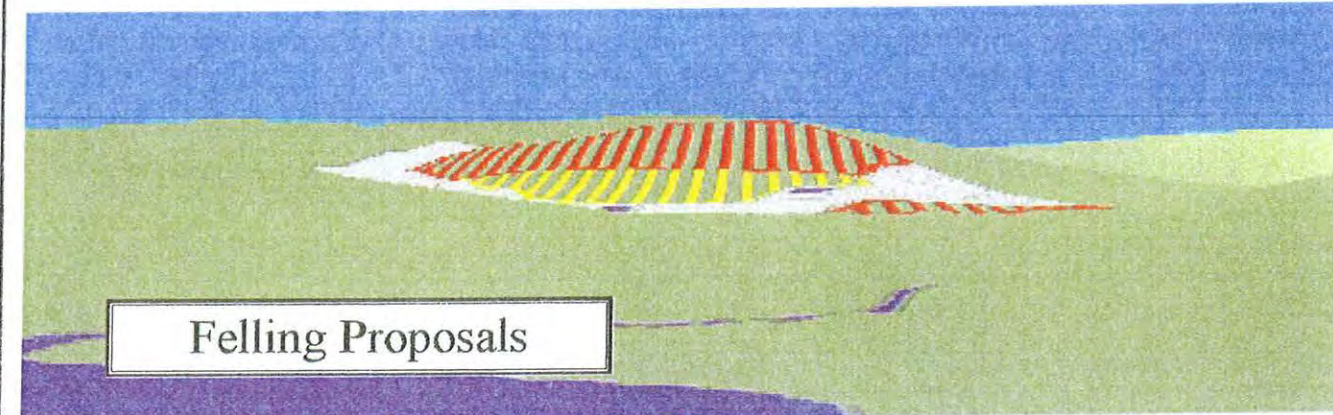
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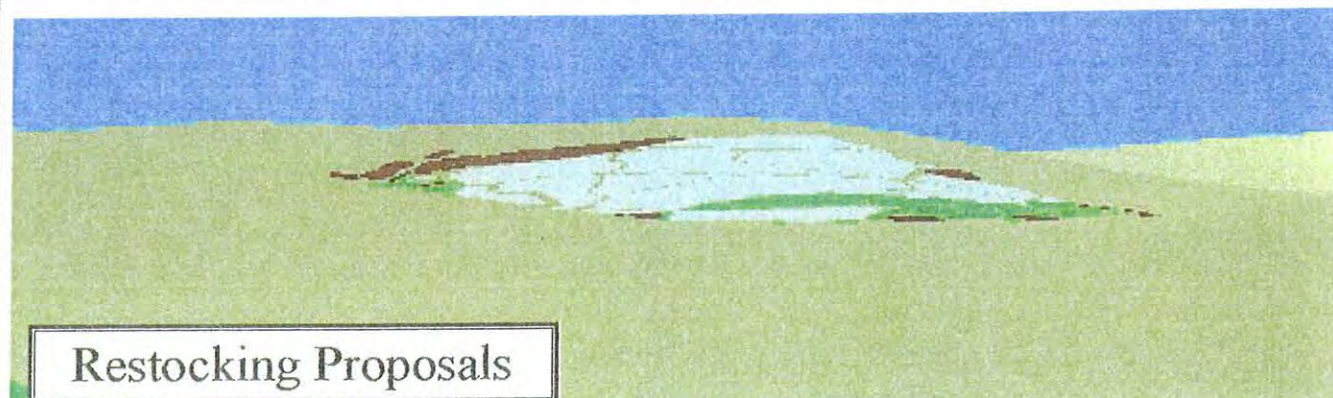
Countess Wood from A68



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Felling Proposals

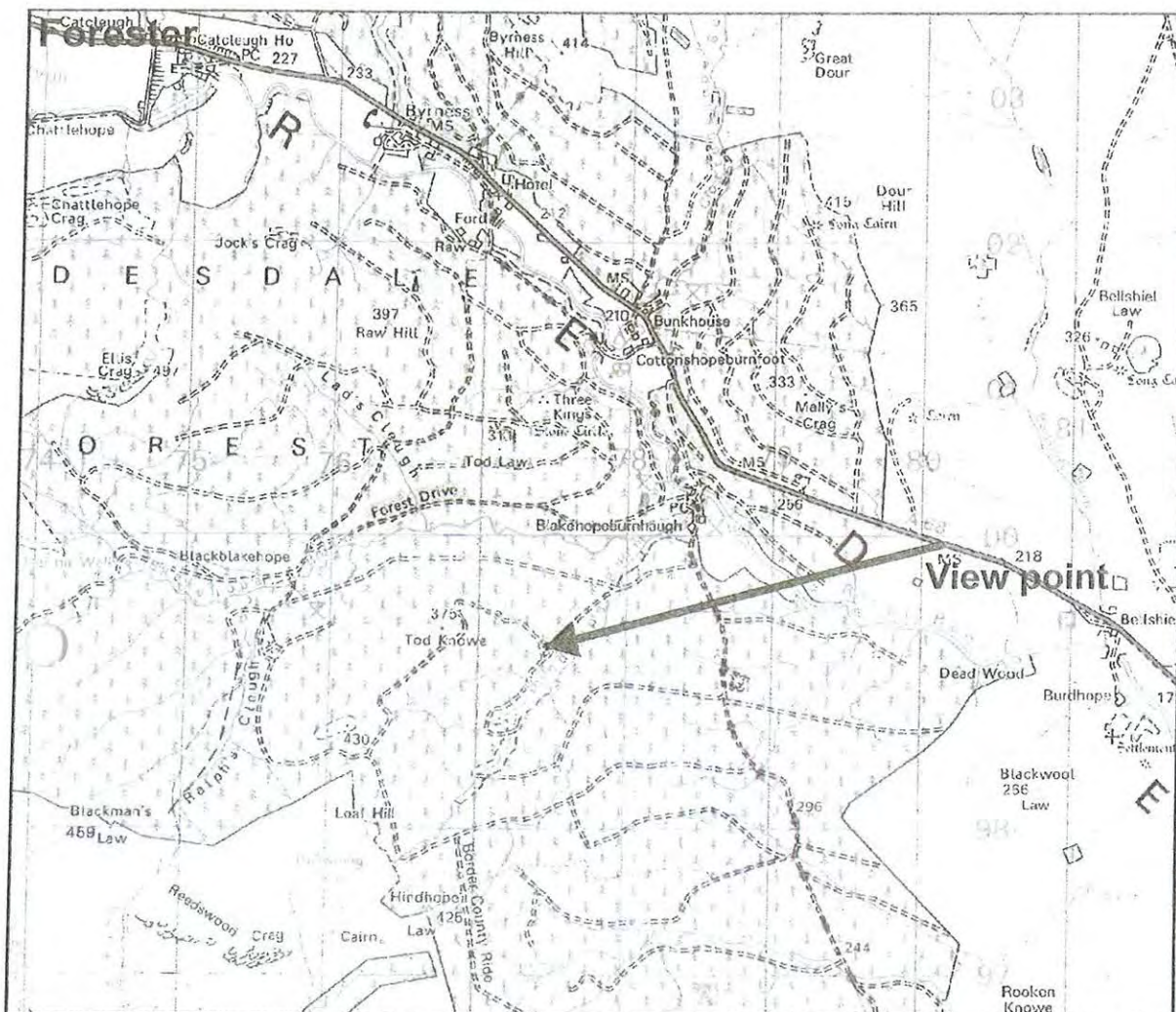


Restocking Proposals



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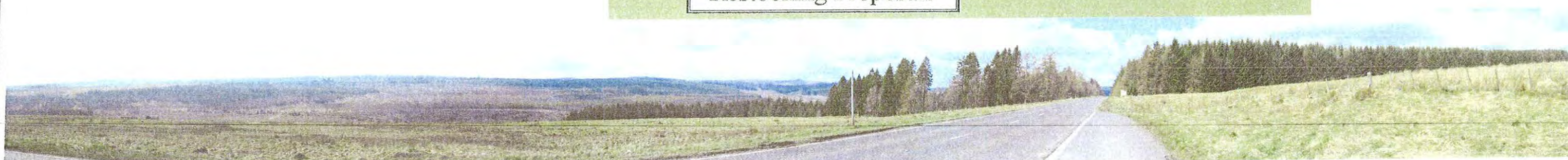
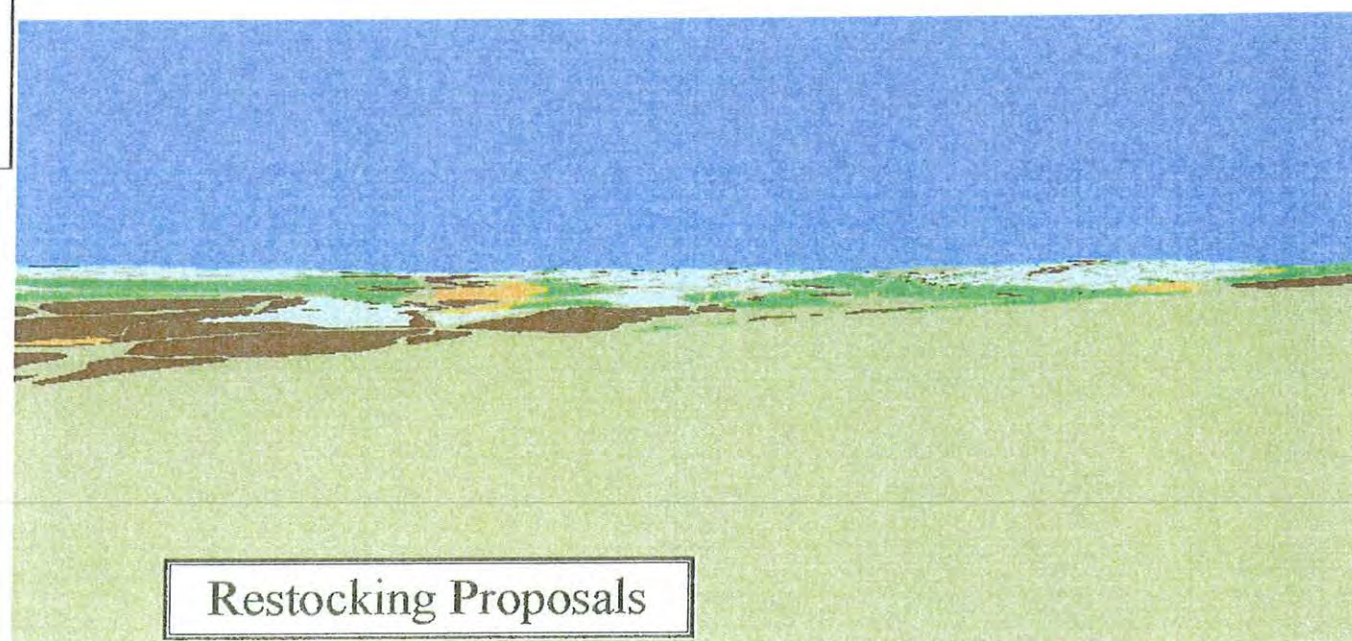
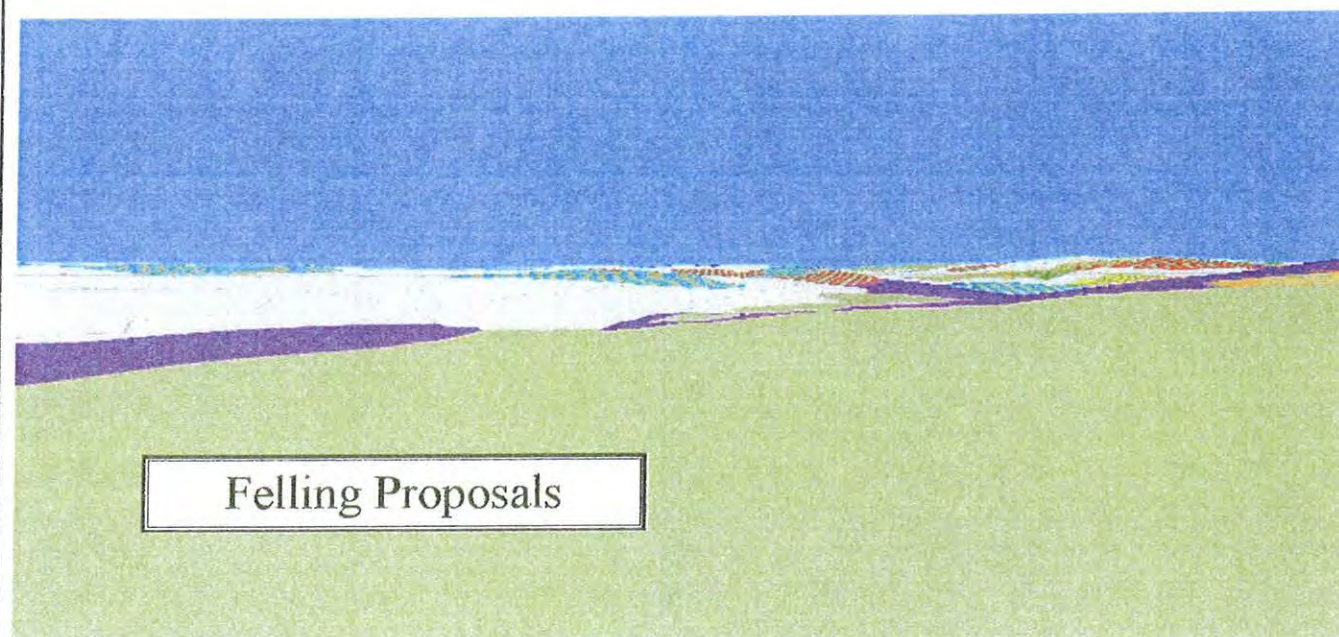


Countess Wood from A68



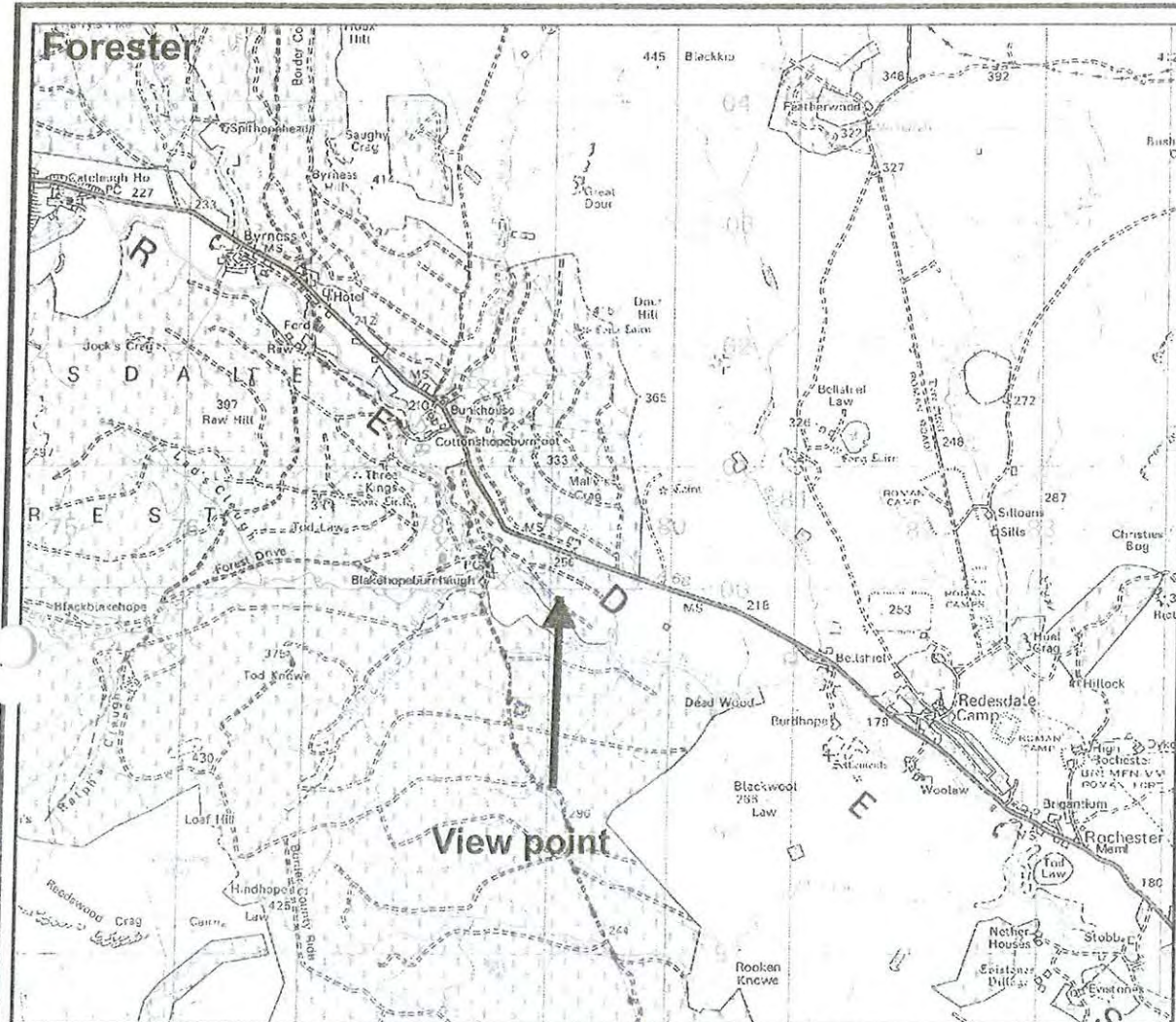
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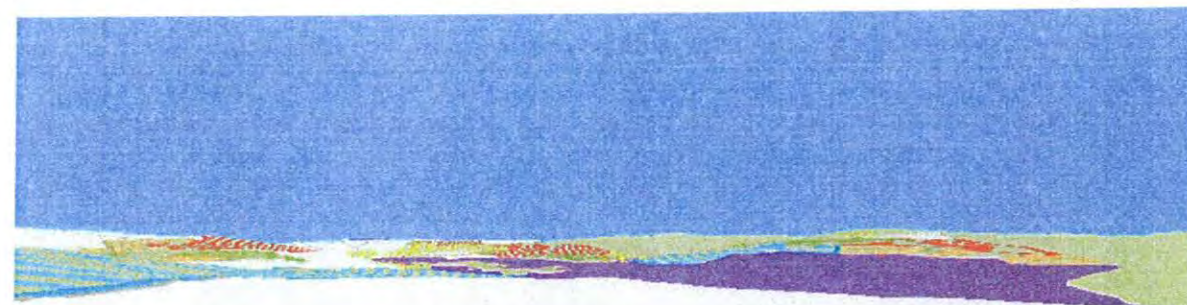
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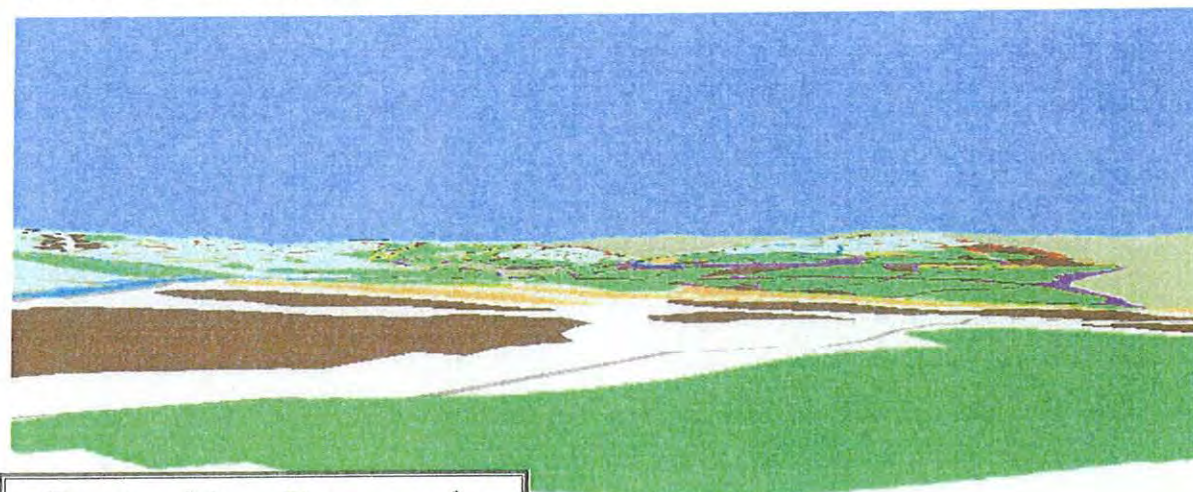
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View From Pennineway



Felling Proposals



Restocking Proposals



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