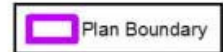




Forestry Commission
North West England

Matterdale Forest Design Plan

Location Map



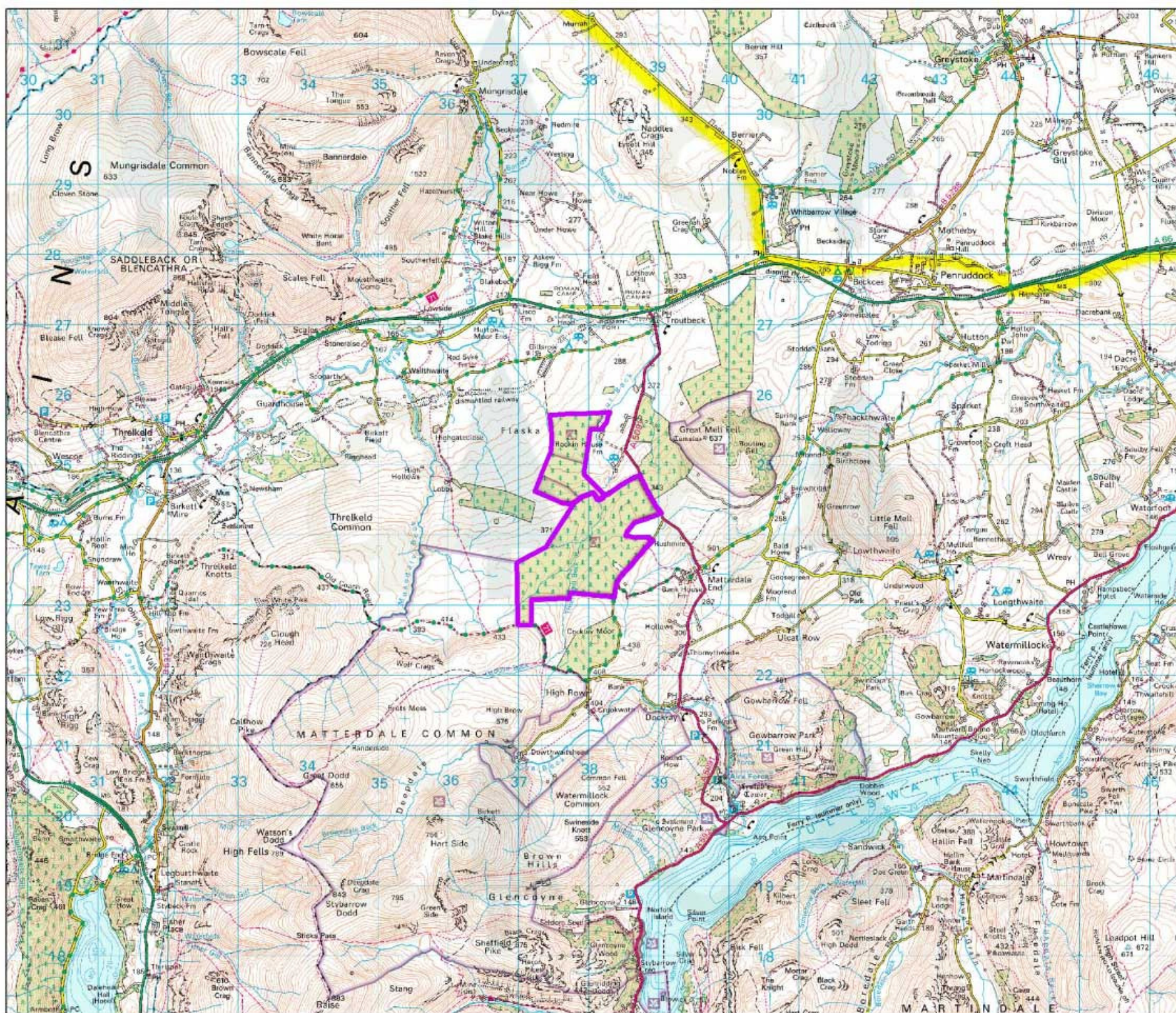
Matterdale lies entirely within the boundaries of the Lake District National Park to the south of the A66 & approximately 11 km from Keswick.

The forest lies within the Joint Lake District National Park & Natural England 'Cumbria High Fells' Character Areas

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Scale 1:50,000
Contact Adrian Jones
077207 00321



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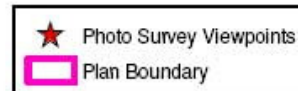




Forestry Commission
North West England

Matterdale
Forest Design Plan

Photo Survey Viewpoints



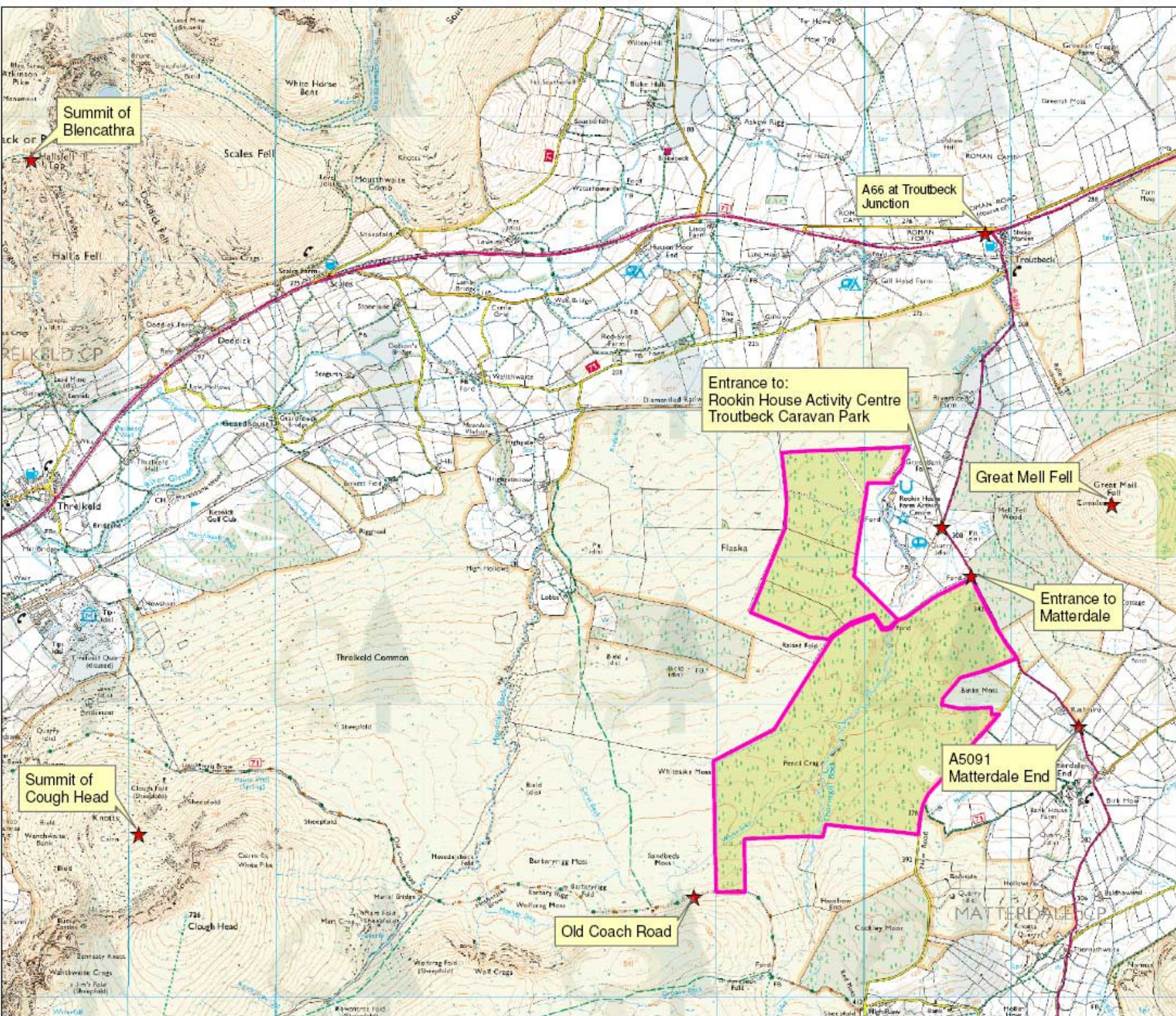
This map indicates the locations of panorama photos used to understand how the plan area lies within the wider landscape.

This map should be read along with the photo survey images. 3D computer images have not been generated as the proposed forest design does not differ significantly from the 3D images created at the last review in 2004.

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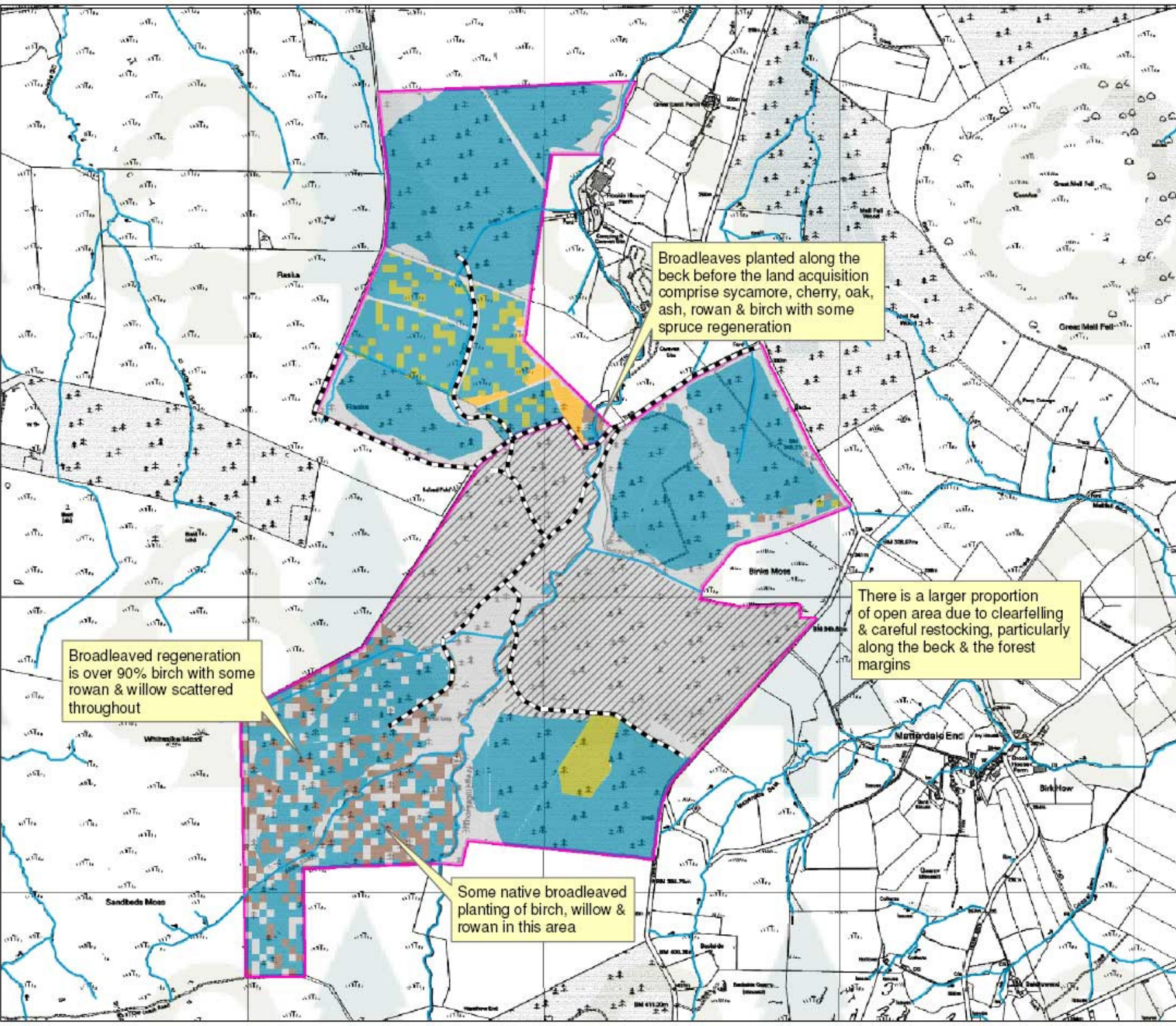




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North West England

Matterdale
Forest Design Plan

Current Species



Broadleaves planted along the beck before the land acquisition comprise sycamore, cherry, oak, ash, rowan & birch with some spruce regeneration

Broadleaved regeneration is over 90% birch with some rowan & willow scattered throughout

Some native broadleaved planting of birch, willow & rowan in this area

There is a larger proportion of open area due to clearfelling & careful restocking, particularly along the beck & the forest margins

- Sitka spruce
- Broadleaves
- Larch
- Lodgepole Pine
- Recently Clearfelled
- Open Area
- Forest Road
- Watercourse
- Plan Boundary

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Forestry Commission
North West England

Matterdale
Forest Design Plan

Recreation & Access

Matterdale is freehold & therefore dedicated under CROW. While the location of the forest is relatively rural there are a number of small communities within a 5 mile radius who frequently use the area for passive recreation in particular dog walking.

The forest is also visited by those staying at the Caravan Park & Activity Centre.

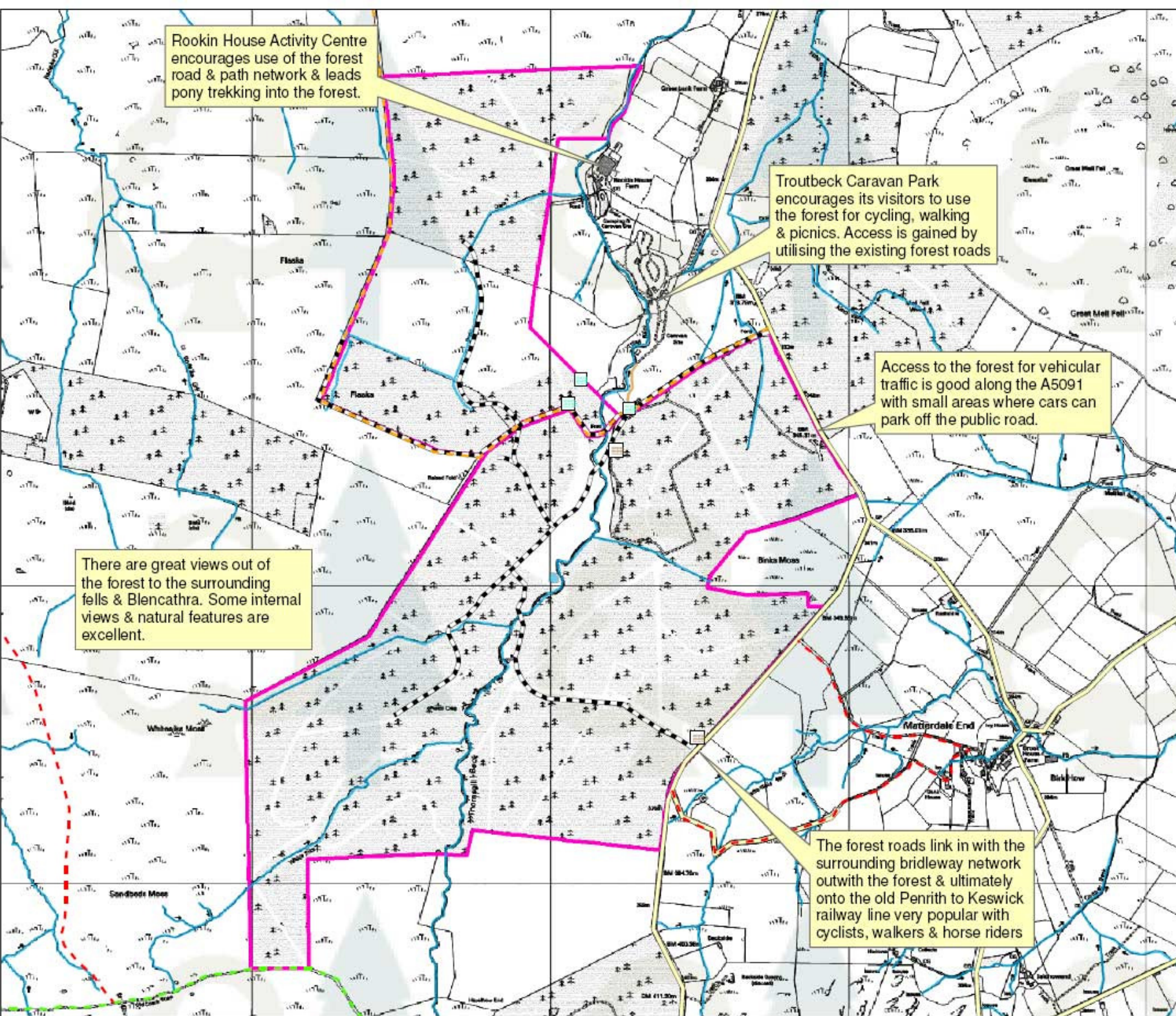
The forest road network has recently been extended.

	Gate
	Non FC Gate
	Troutbeck Caravan Park Path
Rights of Way	
	Bridleway
	Drovers Road
	Green Road
	Forest Road
	Public Road
	Plan Boundary

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Rookin House Activity Centre encourages use of the forest road & path network & leads pony trekking into the forest.

Troutbeck Caravan Park encourages its visitors to use the forest for cycling, walking & picnics. Access is gained by utilising the existing forest roads

Access to the forest for vehicular traffic is good along the A5091 with small areas where cars can park off the public road.

There are great views out of the forest to the surrounding fells & Blencathra. Some internal views & natural features are excellent.

The forest roads link in with the surrounding bridleway network outwith the forest & ultimately onto the old Penrith to Keswick railway line very popular with cyclists, walkers & horse riders



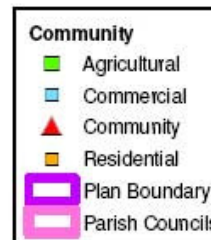
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North West England

Matterdale
Forest Design Plan

Community

This map illustrates the distribution of the local community & wider access routes to & from Matterdale.

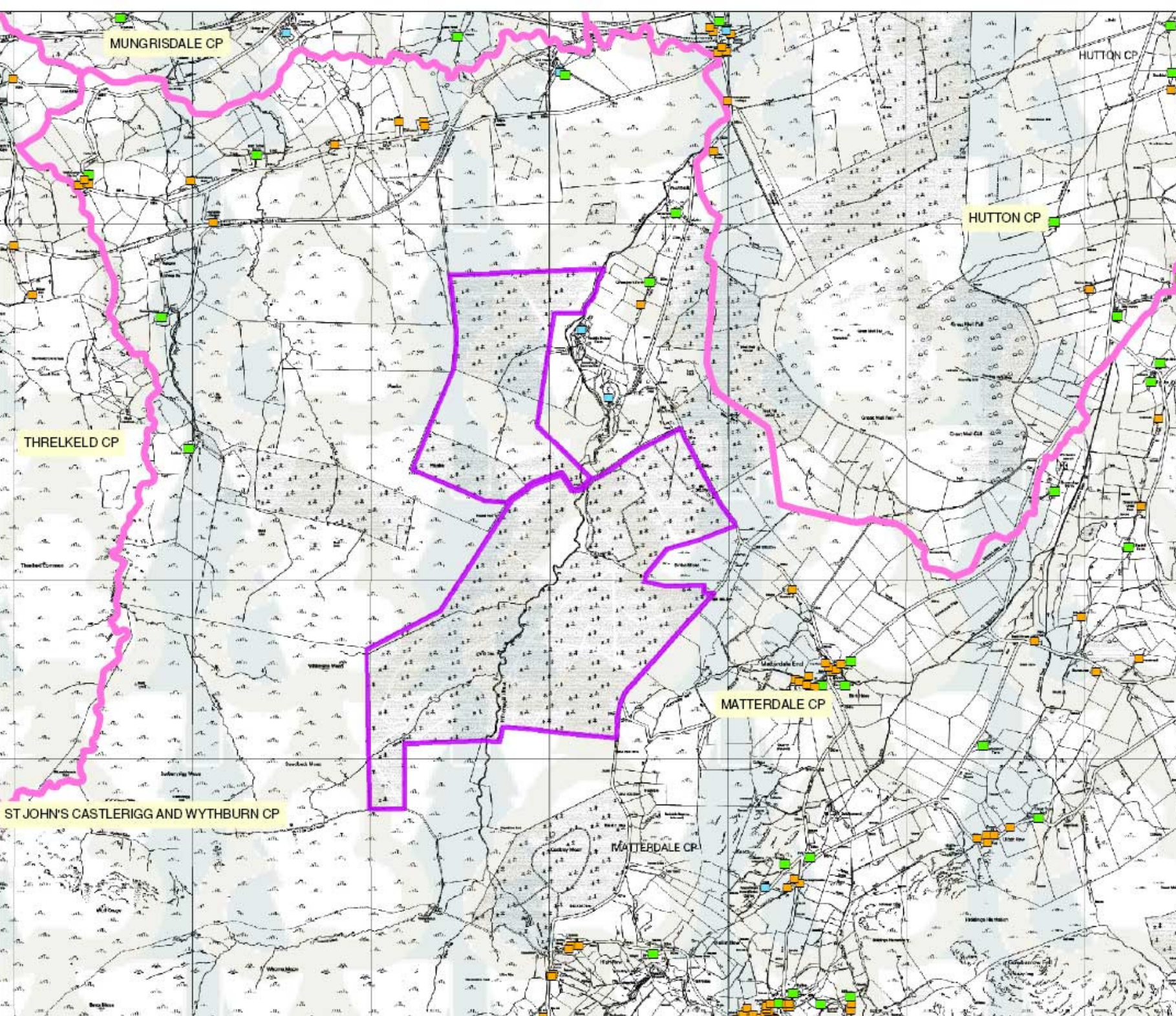
The community is a mixture of residential & agricultural with a few community & commercial features. The forest lies within the County Parish of Matterdale.



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Matterdale
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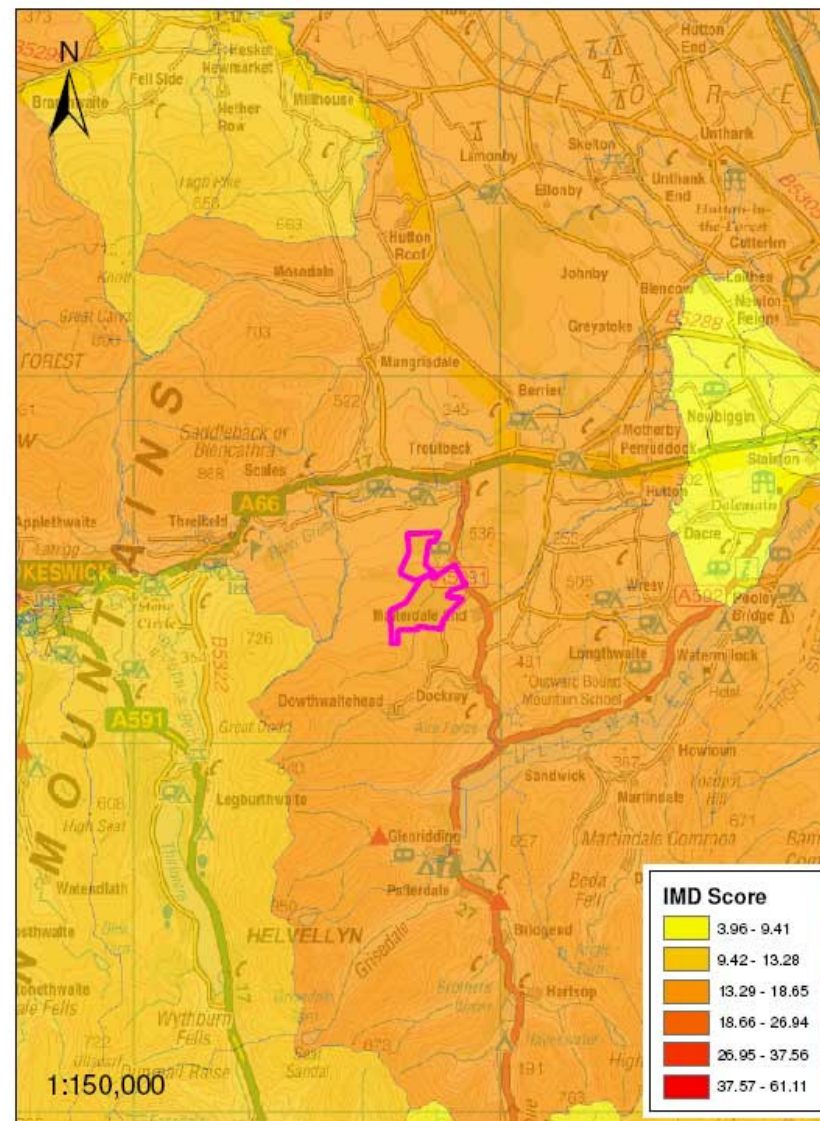
Social & Economic Context

The two maps presented on this page try & give a flavour of the social & economic characteristics of the area around the plan by presenting views from the UK Governments Indicators of Multiple Deprivation data set compiled from the most recent population census.

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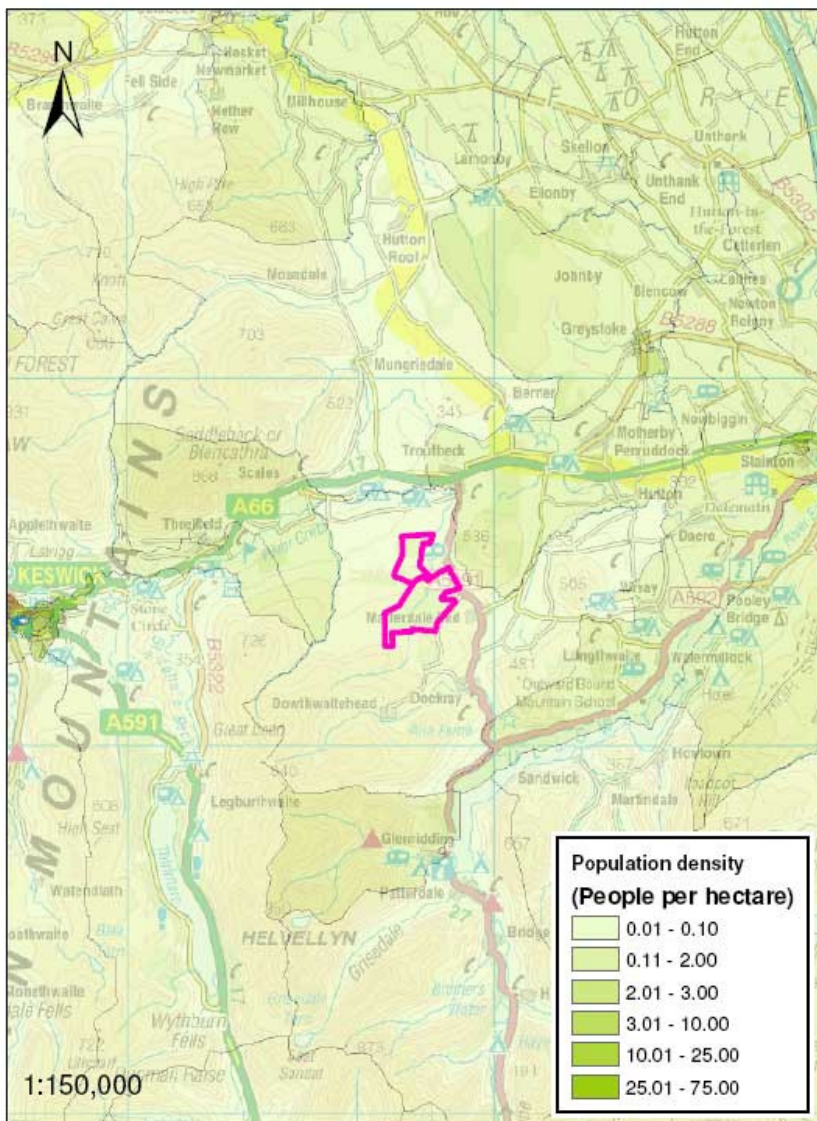
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This map shows the level of deprivation as measured by the Office of the Deputy prime Minister. The score is a summary of 7 aspects:- Income, Employment, Health, Education, Skills, Training, Barriers to Housing, Services, Living Environment & Crime.
(The higher the score the higher the rate of deprivation)
For more information visit www.odpm.gov.uk.

This illustrates that Matterdale lies in an area of average deprivation.



This map shows the population density by parish & ward. It illustrates that Matterdale lies within an area of very low population density, the Lake District High Fells but also close to some areas of higher density such as Keswick to the west & Penrith to the east.

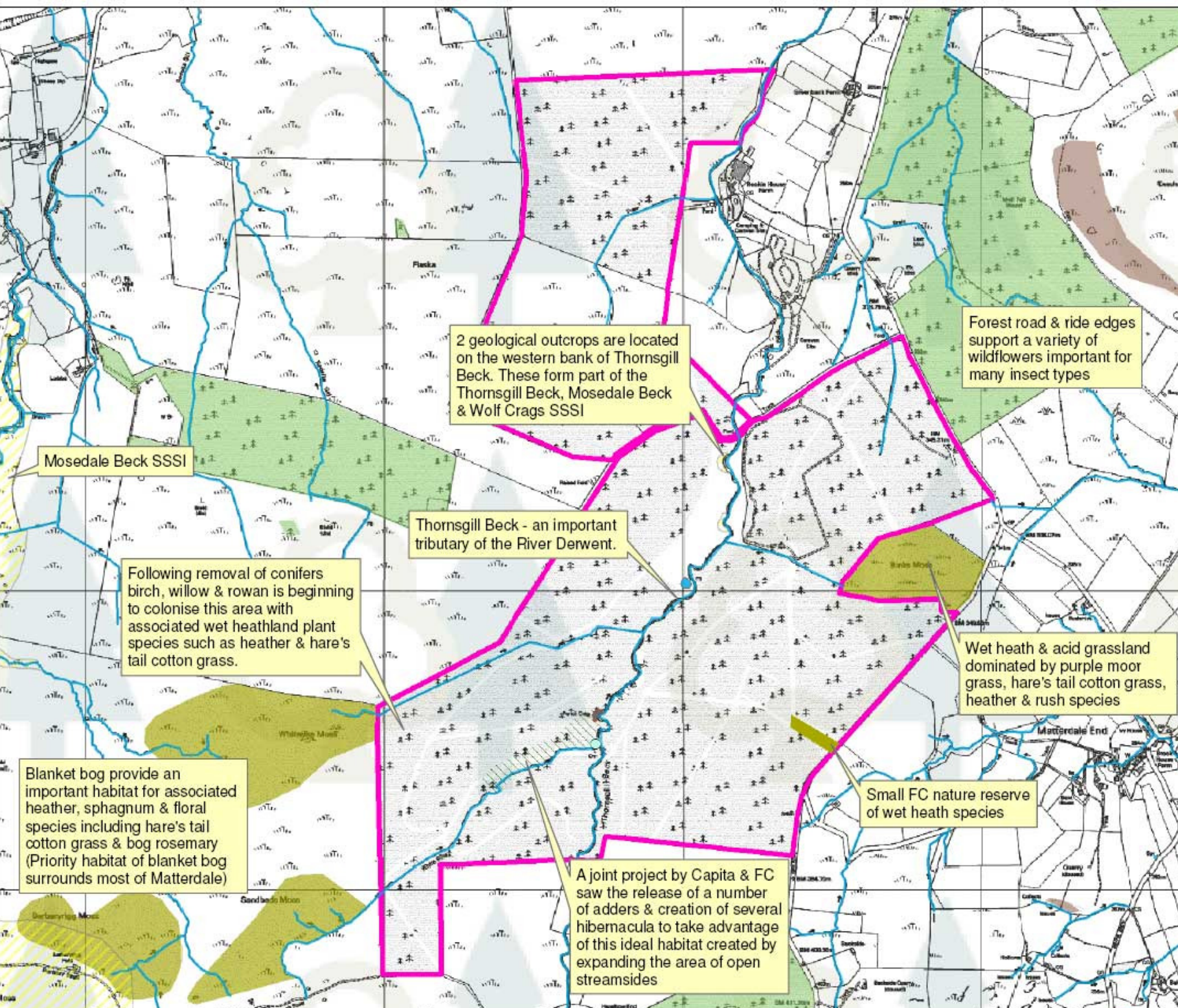


Forestry Commission
North West England

Matterdale
Forest Design Plan

Water, Heritage & Nature Conservation

The main conservation interest for Matterdale is Thornsill Beck, an important tributary of the River Derwent, a SSSI & cSAC which flows into Bassenthwaite Lake - also a SSSI, cSAC & NNR. Matterdale lies within Bassenthwaite Lake Restoration Programme catchment where management is aimed at protecting the water quality & health of the lake.



Mosedale Beck SSSI

2 geological outcrops are located on the western bank of Thornsill Beck. These form part of the Thornsill Beck, Mosedale Beck & Wolf Craggs SSSI

Forest road & ride edges support a variety of wildflowers important for many insect types

Thornsill Beck - an important tributary of the River Derwent.

Following removal of conifers birch, willow & rowan is beginning to colonise this area with associated wet heathland plant species such as heather & hare's tail cotton grass.

Wet heath & acid grassland dominated by purple moor grass, hare's tail cotton grass, heather & rush species

Blanket bog provide an important habitat for associated heather, sphagnum & floral species including hare's tail cotton grass & bog rosemary (Priority habitat of blanket bog surrounds most of Matterdale)

Small FC nature reserve of wet heath species

A joint project by Capita & FC saw the release of a number of adders & creation of several hibernacula to take advantage of this ideal habitat created by expanding the area of open streamside

- Sheepfold
- Pond
- Pencil Craggs
- Watercourse
- Site of Special Scientific Interest
- Adder Release Area
- FC Nature Reserve
- Forest Boundary
- County Wildlife Site
- Neighbouring Woodland (Broadleaf)
- Neighbouring Woodland (Conifer)

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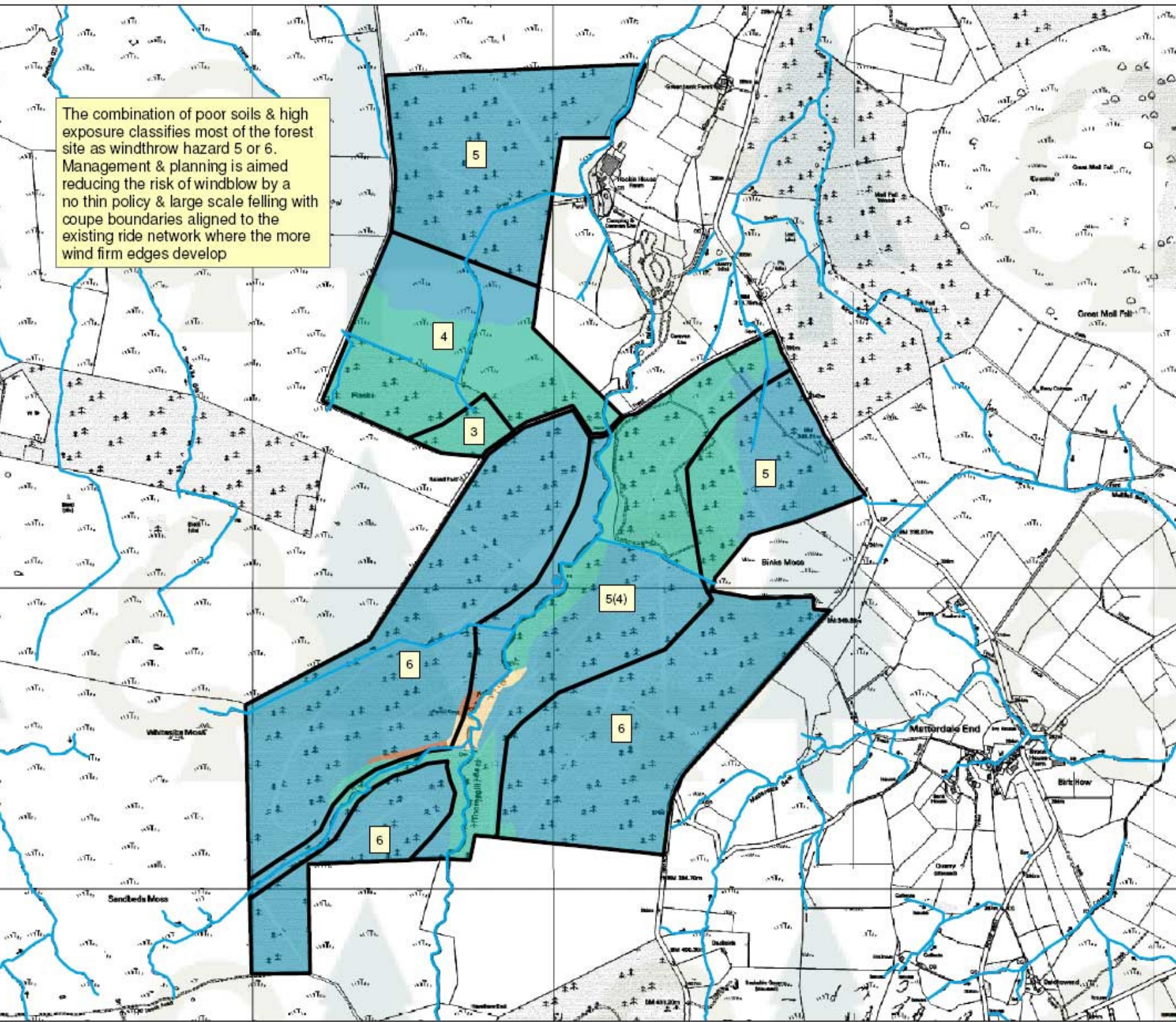
Matterdale
Forest Design Plan

Wind Hazard Class & Soils

This map illustrates the range & distribution of soils & wind hazard class across Matterdale.

Wind hazard class provides an objective measure of the stability of a forest on a site. The higher the wind hazard class number, the shorter & younger the trees when they start suffering significant windblow. Sites scoring 3 or under indicate areas where wind is not a significant factor in the management of a forest.

The combination of poor soils & high exposure classifies most of the forest site as windthrow hazard 5 or 6. Management & planning is aimed reducing the risk of windblow by a no thin policy & large scale felling with coupe boundaries aligned to the existing ride network where the more wind firm edges develop



	Wind Hazard Class
Soils	
	Brown Earth
	Peaty Gley
	Skeletal Soils
	Surface Water Gley

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