

This map shows the population density by parish and ward. It illustrates that High Stand lies within an area of very low population density but close to areas of higher density such as Carlisle & Brampton.



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 and Crime. (The higher the score the higher the rate of deprivation) For more information visit www.odpm.gov.uk.

> This illustrates that High Stand lies in an area of below average deprivation.



High Stand Forest Design Plan

Social and **Economic Context**

The two maps presented on this page try and give a flavour of the social and 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.

Date

Summer 2009

Contact Adrian Jones 07720700321



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High Stand Forest Design Plan

Wind Hazard Class and Soils

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

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.



Date Scale Summer 2009 1:10,000

Contact Adrian Jones 07720700321



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High Stand Forest Design Plan Landform

This plan illustrates the underlying landform of High Stand. The map shows that the woodland covers a gently rounded hill with few distinguishing landscape features visible in the surrounding area.

Research shows that we look at landscapes in a certain way. Our vision is naturally drawn to follow the concavities up onto the ridges & then our eyes follow the convexities back down again.

Forest design works best when felling & restocking boundaries do not cross these "lines of force" at right angles. The forest should flow up & down these lines to encourage rather than block our eyes from following these landscape features.

Concavities

Convexities

Contour Lines

Plan Boundary

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North West England

High Stand Forest Design Plan

Ecological Site Classification Broadleaved Species

This map illustrates the outputs from running the Forestry Commission's Ecological Site Classification Software based on Soil Classification & Geology.

The map shows the most suitable primary & secondary species based on the combination of soil & geology. The results of this are used to decide what species to plant & are built into the Future Woodland Species proposal.

Most Suitable

- W17 Birch with oak and rowan
- W4 Downy birch with purple moor-grass

Also Suitable

- W17 Birch with oak and rowan W19 Juniper with wood sorrel
 - W19 Juniper with wood sorrel

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High Stand Forest Design Plan

Ecological Site Classification Conifer Species

This map illustrates the outputs from running the Forestry Commission's Ecological Site Classification Software based on Soil Classification & Geology.

The map shows the most suitable primary & secondary species based on the combination of soil & geology. The results of this are used to decide what species to plant & are built into the Future Woodland Species proposal.

Most Suitable

- Sitka Spruce/Pines
- Spruce/Pines
- Spruce/Scots pine

Also Suitable

- /// Douglas Fir/Larch
- //// Larch

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