Forestry and Land Scotland | Coilltearachd agus Fearann Alba
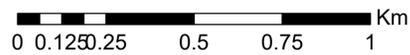
Patna Land Management Plan
Map 2 - Features, Issues and Challenges

Author: Laura Green
Scale @ A1: 1:10,000
Date: 11/11/2021

Legend

- Patna Forest Block Boundary
- Forest Roads
- Planned Roads
- Core Paths
- Watercourses
- Heritage
- Coal Measures - Mining Hazard - Medium Risk
- Mineral Working - Mining hazard - medium risk
- Low Impact Silvercultural Systems
- Long-term_Retention
- Minimum_Intervention
- Agricultural Area
- New_Planting

Sensitive Landscape Character Area
- Foothills - Ayrshire
- Low Hills - Ayrshire
- Upland River Valleys - Ayrshire
- Local Landscape Areas

Anciebnt Woodland Inventory
- Ancient, (of semi-natural origin)
- Long-Established (of plantation origin)
- Other (on Roy map)

Timber Transport Routes
- Agreed Route
- Consultation Route
- Excluded Route

Communications
Type
- Overhead telephone or fibreoptic
- Underground telephone or fibreoptic

Electricity Powerlines
Type
- Overhead powerline
- Underground powerline
- Gas Pipelines
- Masts/Aerials
- Water Pipelines
- Water Supply Points
- Potential peatland restoration area

N

0 0.125 0.25   0.5   0.75   1
Km

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Promoting Sustainable Forest Management
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Map annotations

- 4 active and 3 historic private water supply points in the plan area. 4 of which are on Patna Hill.
- Dominant soils offer the potential for further species diversity in some areas. There is potential for peatland restoration where priority peat soil types are present
- Timber transport consultation route is currently only permitted haulage route from block
- Bridleway and Core Paths allow access through the forest forming connections directly from Patna village
- Shared access route to single private residence within the block
- Part of the SEPA drainage area for Dalmellington and Dalrymple Objective Target Areas for flood risk
- Priority habitats on site include upland heathland, upland flush, fen and swamp, and purplemoor grass & rush pasture
- Attractive landscape views from Patna village and the A713 public road for both visitors and residents of the village.
- LISS potential is low due to high DAMS scores. Areas in the west and east of the block could be explored further
- Landscape Character Areas of Upland River Valleys, Ayrshire Foothills, Ayrshire Low Hills as delineated by East Ayrshire Local Authority Plan
- Water catchments Loch Doon to the east & River Girvan to the west of the plan area both in moderate ecological status
- Coupe structure has been improved as part of previous plan, however this has been hampered in some areas due to advanced felled coupe due to windblow and removal of infected larch
- Sitka Spruce is the dominant species, recent restocking has increased broadleaved areas
- New woodland creation area to include planting of both conifer and broadleaves species
- Historical mining sites in forest. Smouldering coal seam potential buffers may be required
- Wildfires caused by anti-social behaviour are common during fire season and can often be linked to forest block access points
- Long term retentions and Natural reserves in the block continue to act as habitat networks for UKBAP species of Red squirrel and Otter
- Locally important heritage features in the block include a lime kiln in Murismill Glen.
- Starter Farm in block increasing business sustainability opportunities
- 275KW runs through the block, areas designed to mitigate the effects on views from within the forest are proving positive
- Ancient woodland fragments on site, including Muirmill Glen, continue with restoration and enhancement of these areas
- Local Landscape Areas for East Ayrshire Council cover parts of the plan area
- Loch Spallander is the source of Spallander Burn that joins with the Water of Girvan. The Scottish Water-owned reservoir is now disused