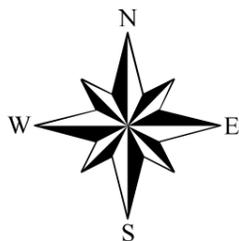


OS Grid Ref: NS 366 714

**Legend**

 Knockmountain

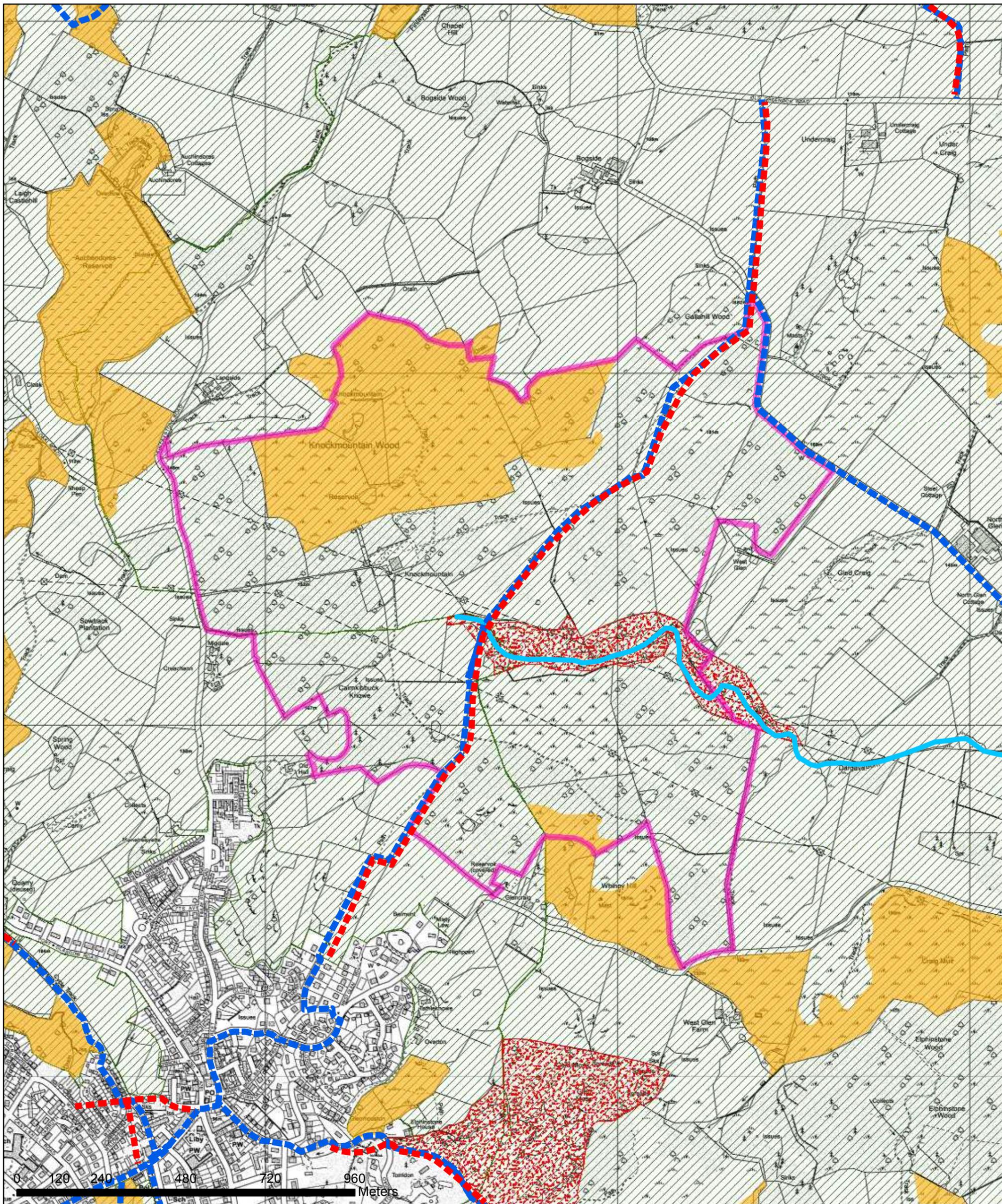


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28 Apr 2016

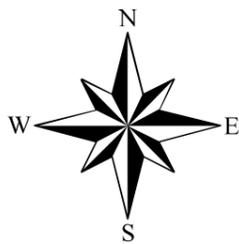
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**Scottish Lowlands FD**  
**KNOCKMOUNTAIN**



- Legend**
-  Knockmountain
  -  Right of Way
  -  SSSI
  -  Core Path
  -  Local Nature Conservation Site
  -  Greenbelt
  -  Watercourse

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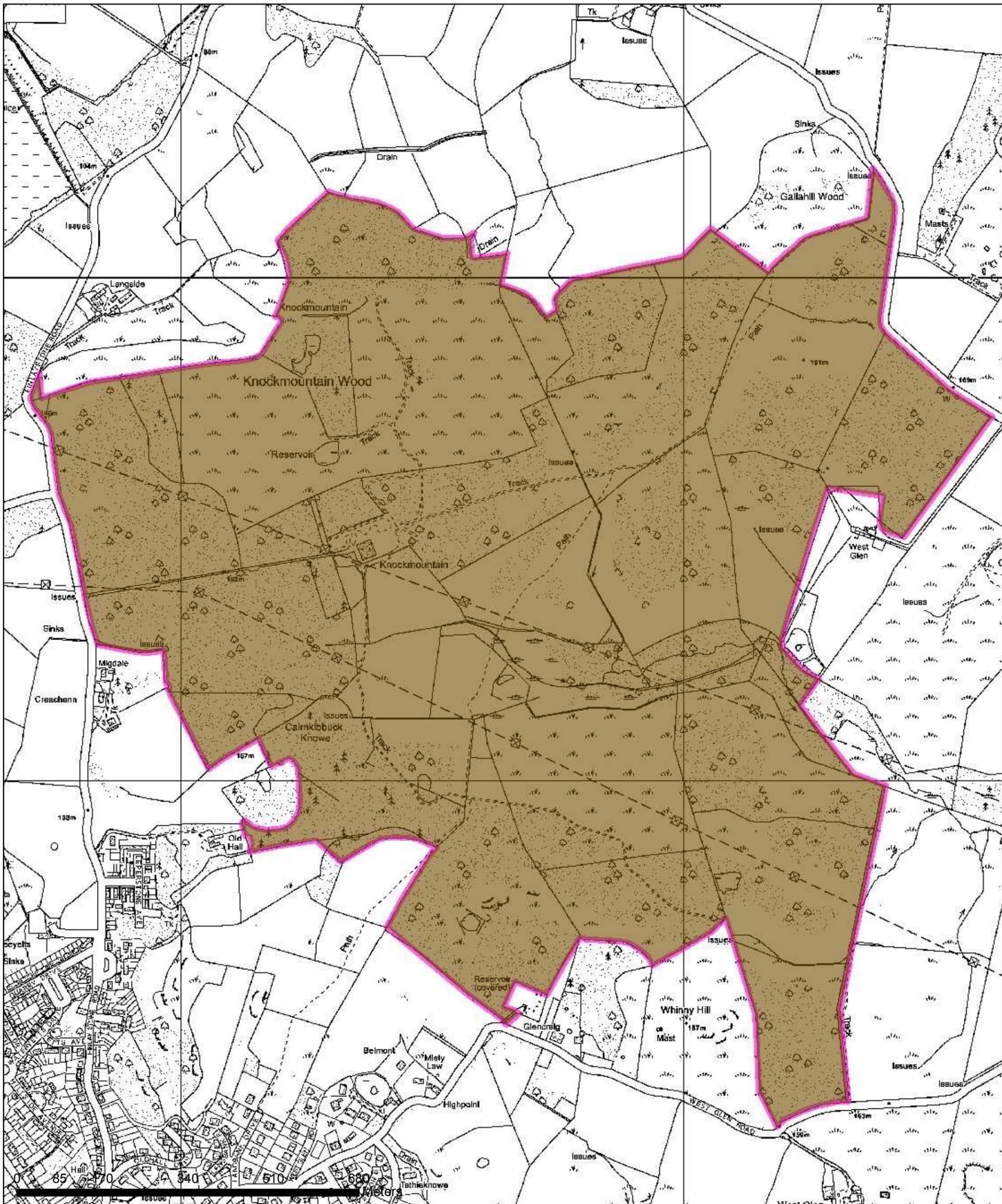
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28 Apr 2016

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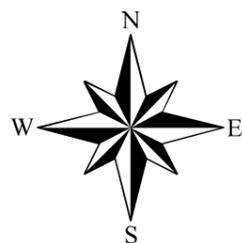
**Scottish Lowlands FD**  
**KNOCKMOUNTAIN**

CONTEXT



**Legend**

-  Knockmountain
-  Basic brown earth



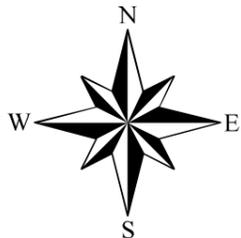
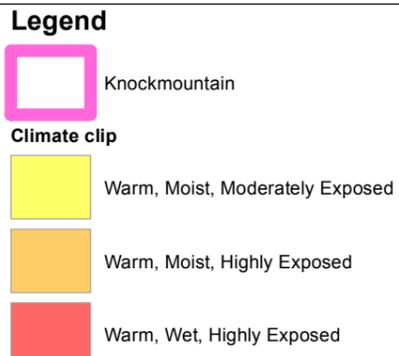
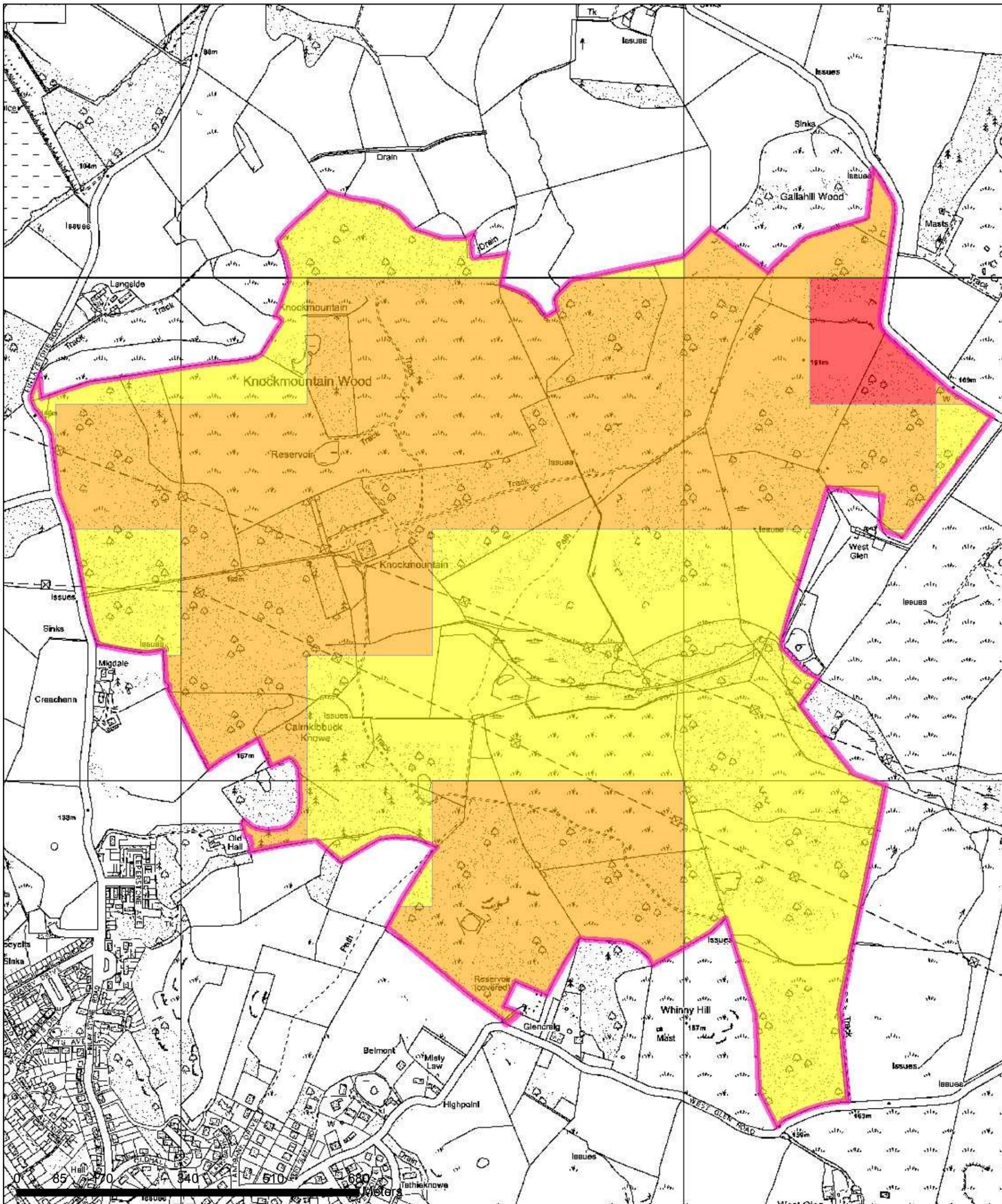
Scale: 7,000 @ A3

28 Apr 2016



**Scottish Lowlands FD  
KNOCKMOUNTAIN**

SOILS



Scale: 7,000 @ A3

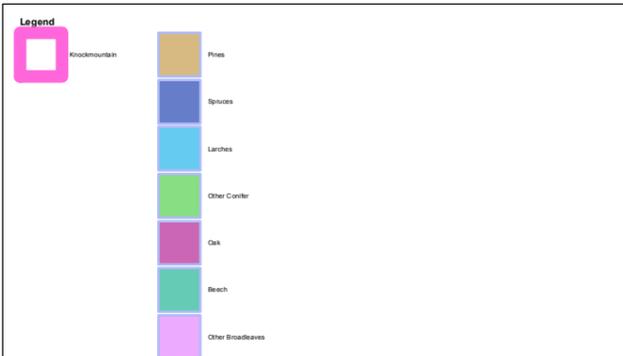
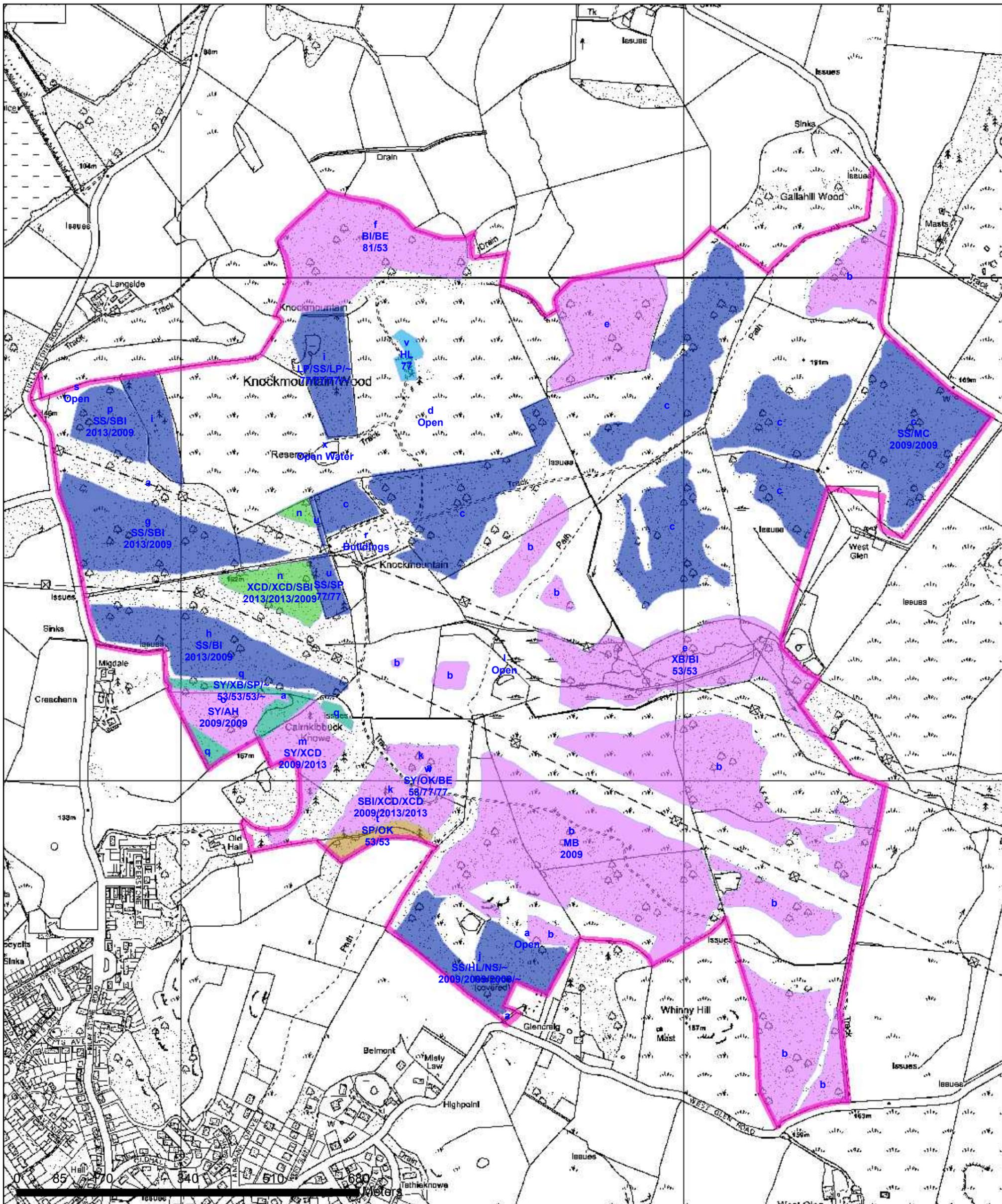
28 Apr 2016



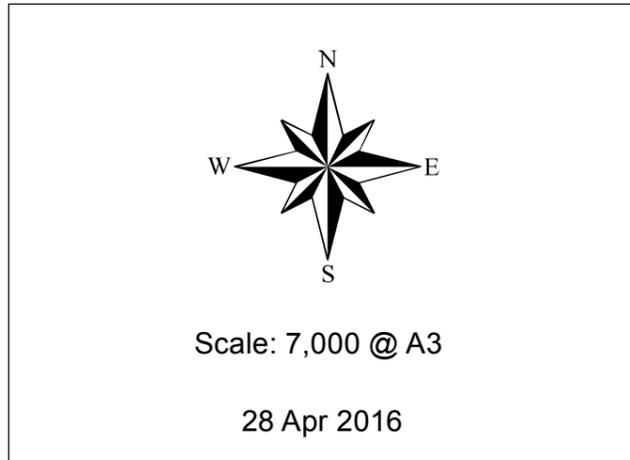
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KNOCKMOUNTAIN**

CLIMATE

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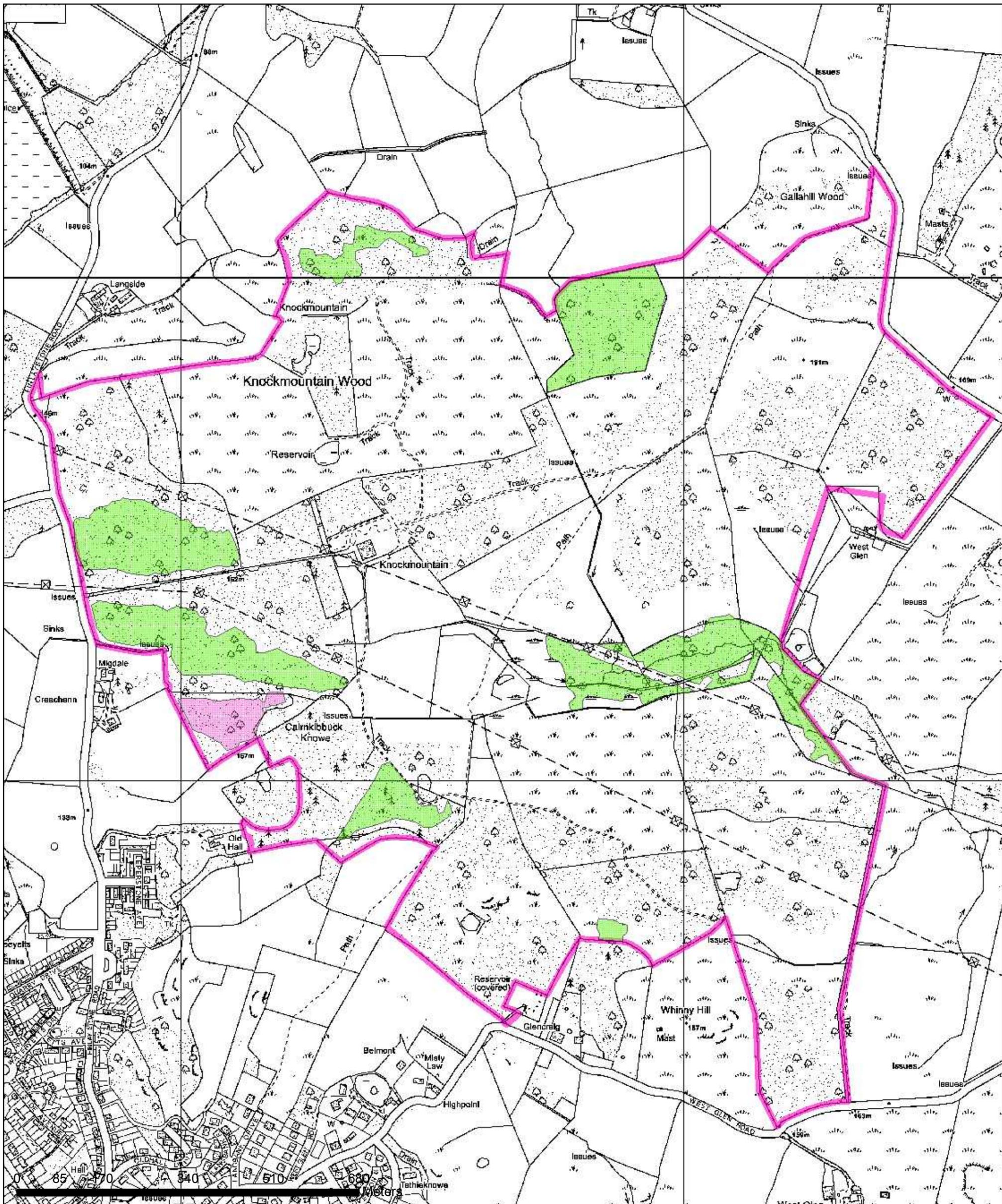

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**Scottish Lowlands FD**  
**KNOCKMOUNTAIN**

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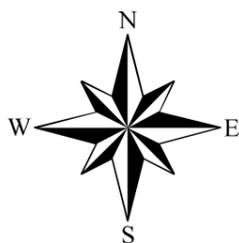
**STOCK**



**Legend**

-  Knockmountain
- NWSS**
-  Native woodland
-  Nearly-native woodland

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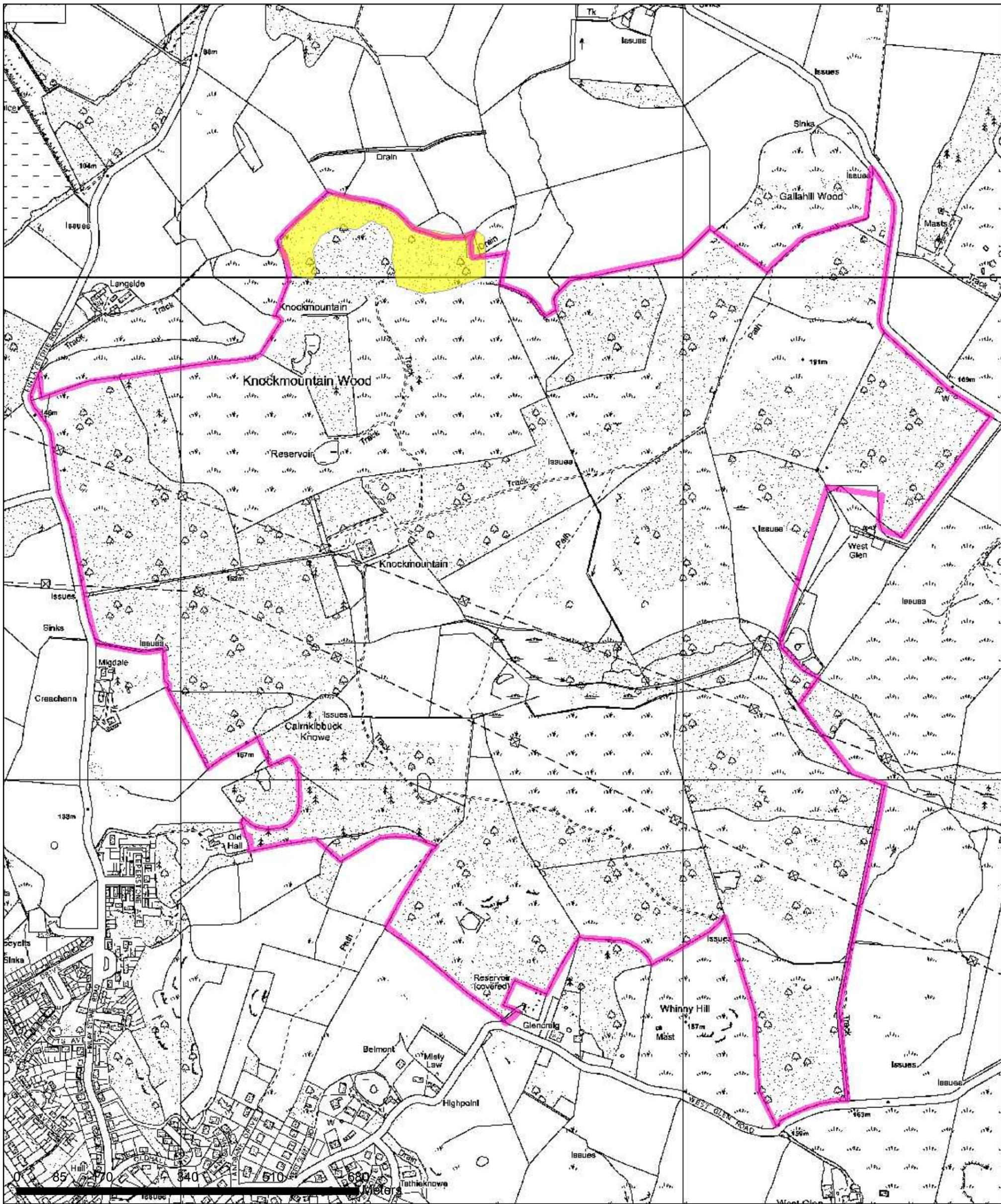
28 Apr 2016



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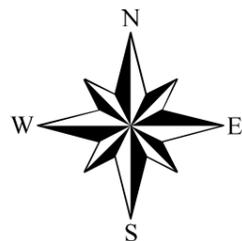
**Scottish Lowlands FD**  
**KNOCKMOUNTAIN**

NWSS



**Legend**

-  Knockmountain
-  Long-Established (of plantation origin)



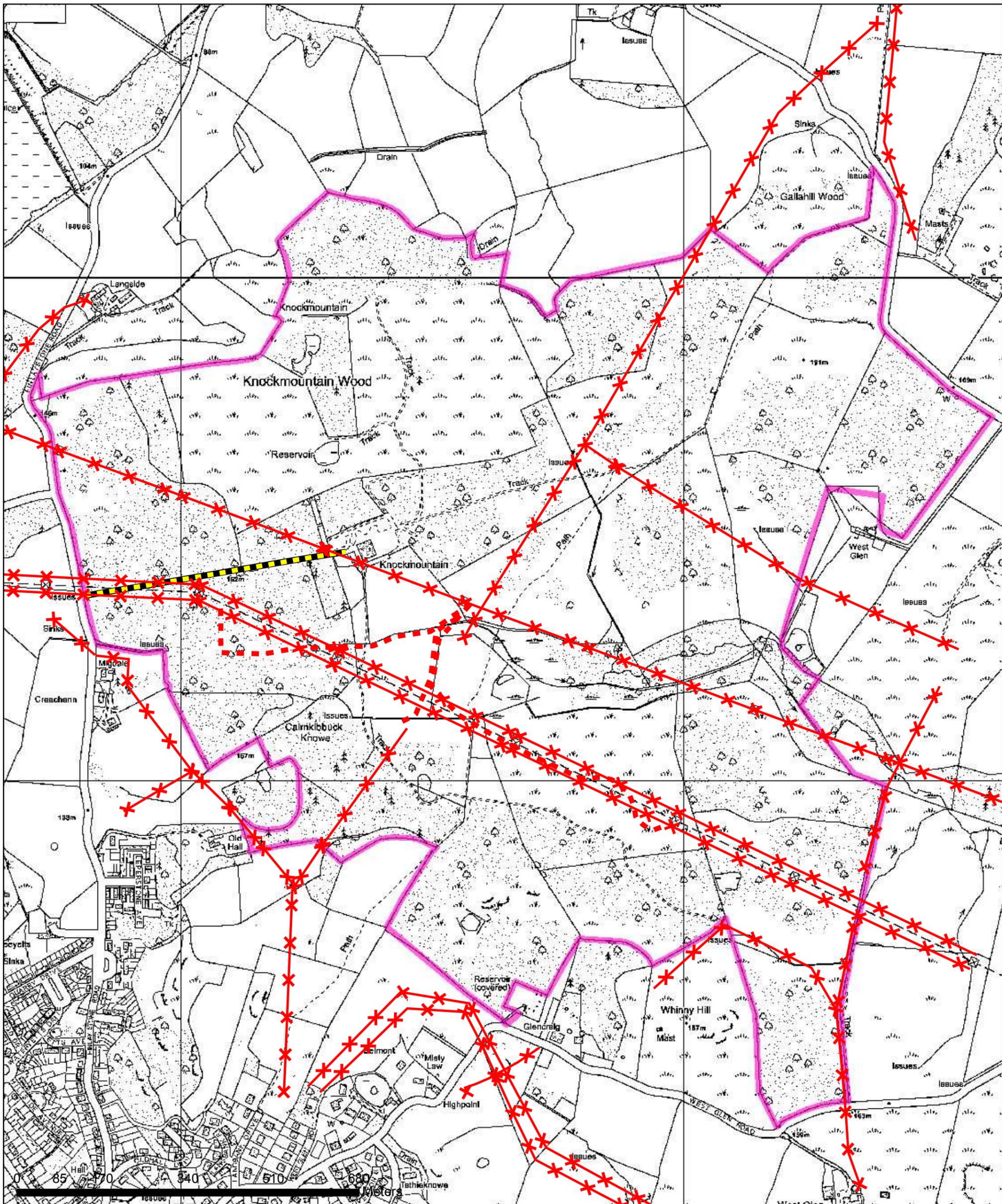
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28 Apr 2016

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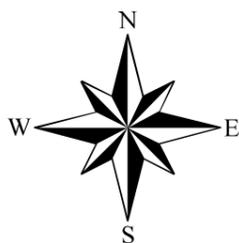
ANCIENT WOODLAND



**Legend**

-  Knockmountain
-  OH Powerline
-  UG Powerline
-  FC Road

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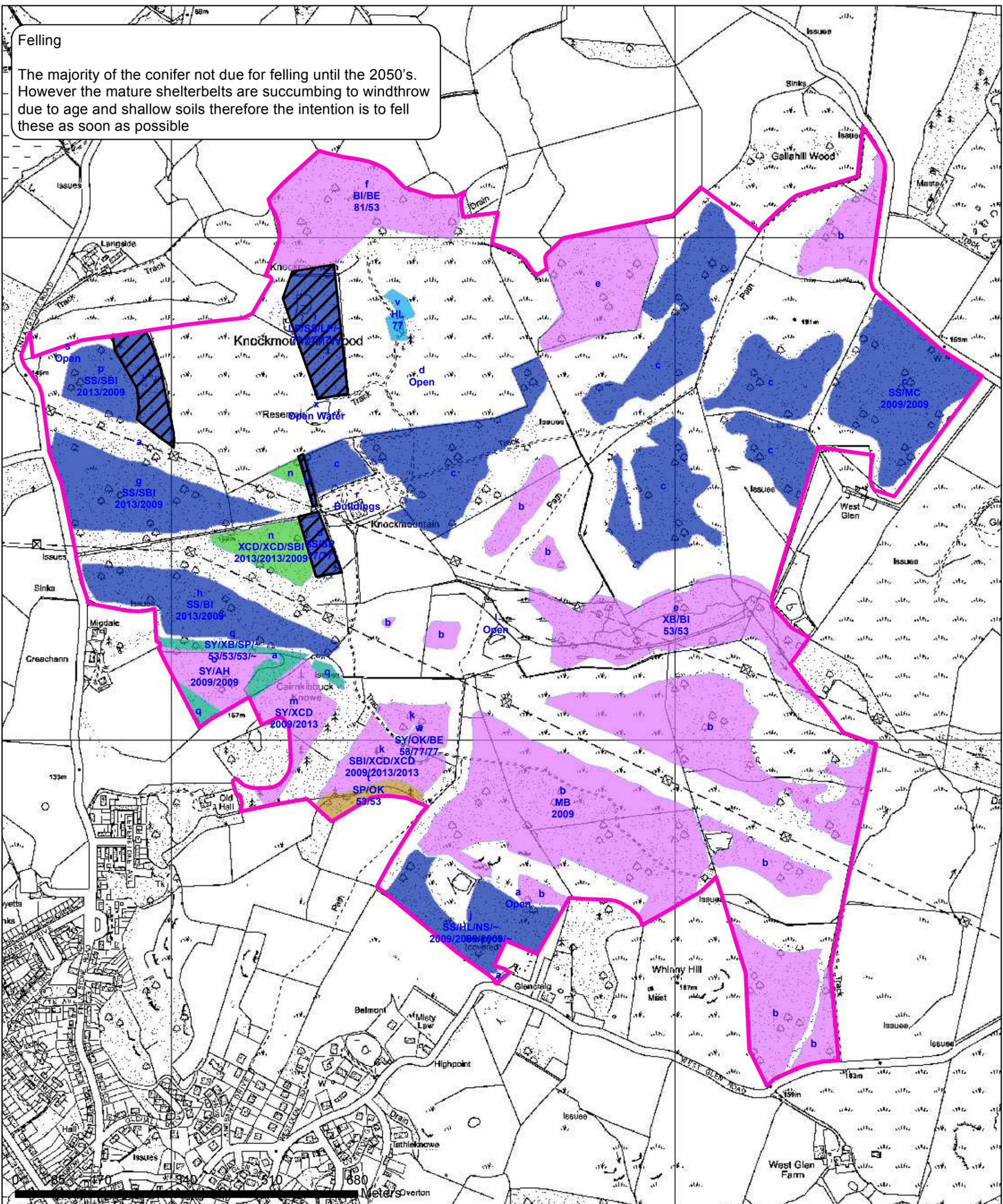
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**Scottish Lowlands FD**  
**KNOCKMOUNTAIN**

UTILITIES

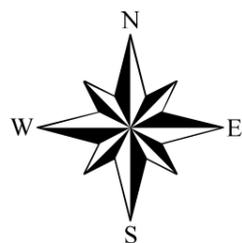
**Felling**

The majority of the conifer not due for felling until the 2050's. However the mature shelterbelts are succumbing to windthrow due to age and shallow soils therefore the intention is to fell these as soon as possible



**Legend**

- Knockmountain
- Other Conifer
- Pines
- Oak
- Spruces
- Beech
- Larches
- Other Broadleaves
- Felling Approval Areas



Scale: 7,000 @ A3

27 Oct 2016



**Scottish Lowlands FD  
KNOCKMOUNTAIN**

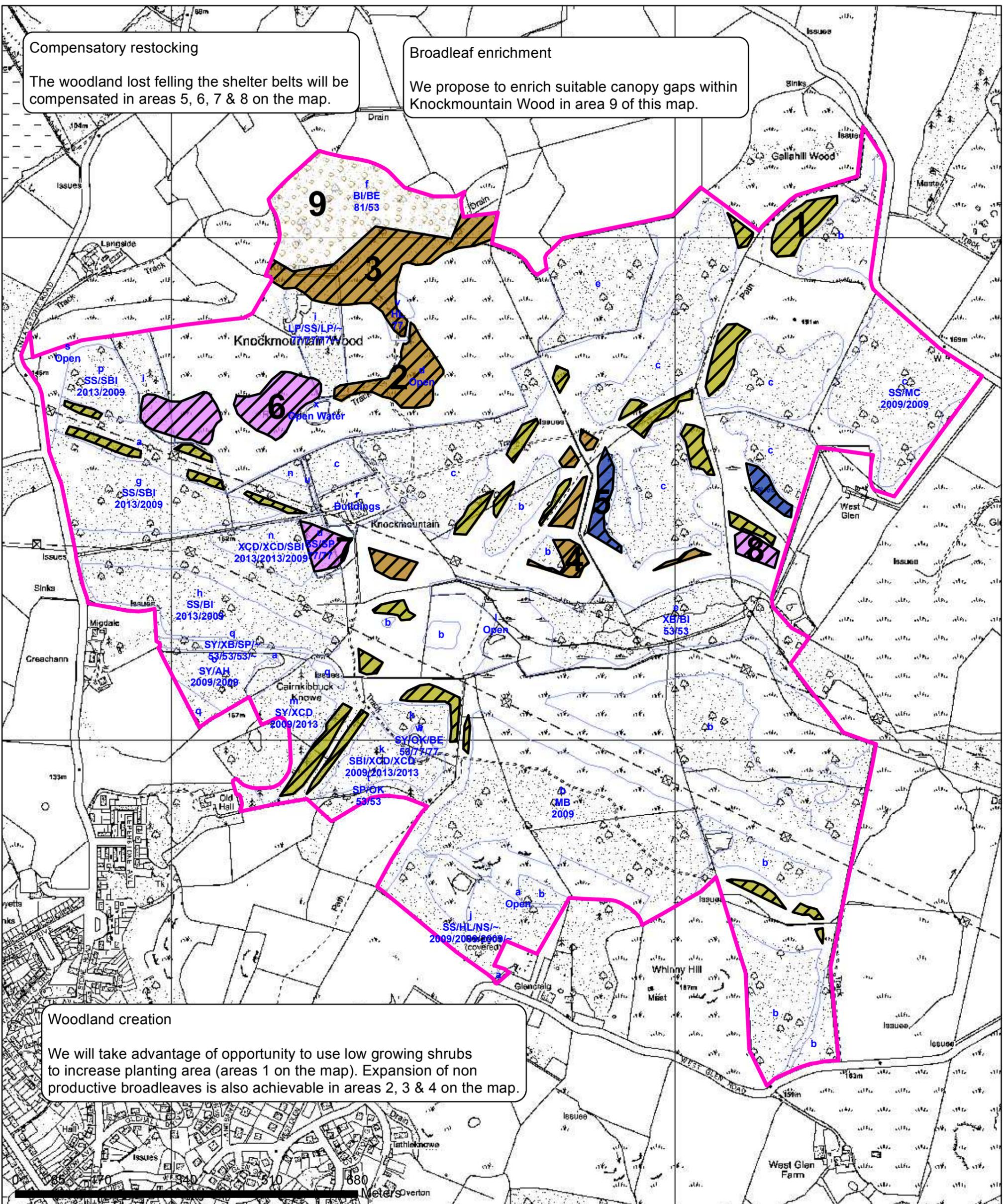
**FELLING**

**Compensatory restocking**

The woodland lost felling the shelter belts will be compensated in areas 5, 6, 7 & 8 on the map.

**Broadleaf enrichment**

We propose to enrich suitable canopy gaps within Knockmountain Wood in area 9 of this map.



**Woodland creation**

We will take advantage of opportunity to use low growing shrubs to increase planting area (areas 1 on the map). Expansion of non productive broadleaves is also achievable in areas 2, 3 & 4 on the map.

**Legend**

- Knockmountain
- Woodland Creation**
- Low growing shrubs
- Mixed Broadleaves (Low density)
- Compensatory Restocking**
- Mixed Broadleaves (Low density)
- Sitka spruce
- Enrichment Planting**
- Mixed Broadleaves (Diffuse)
- Approval Areas

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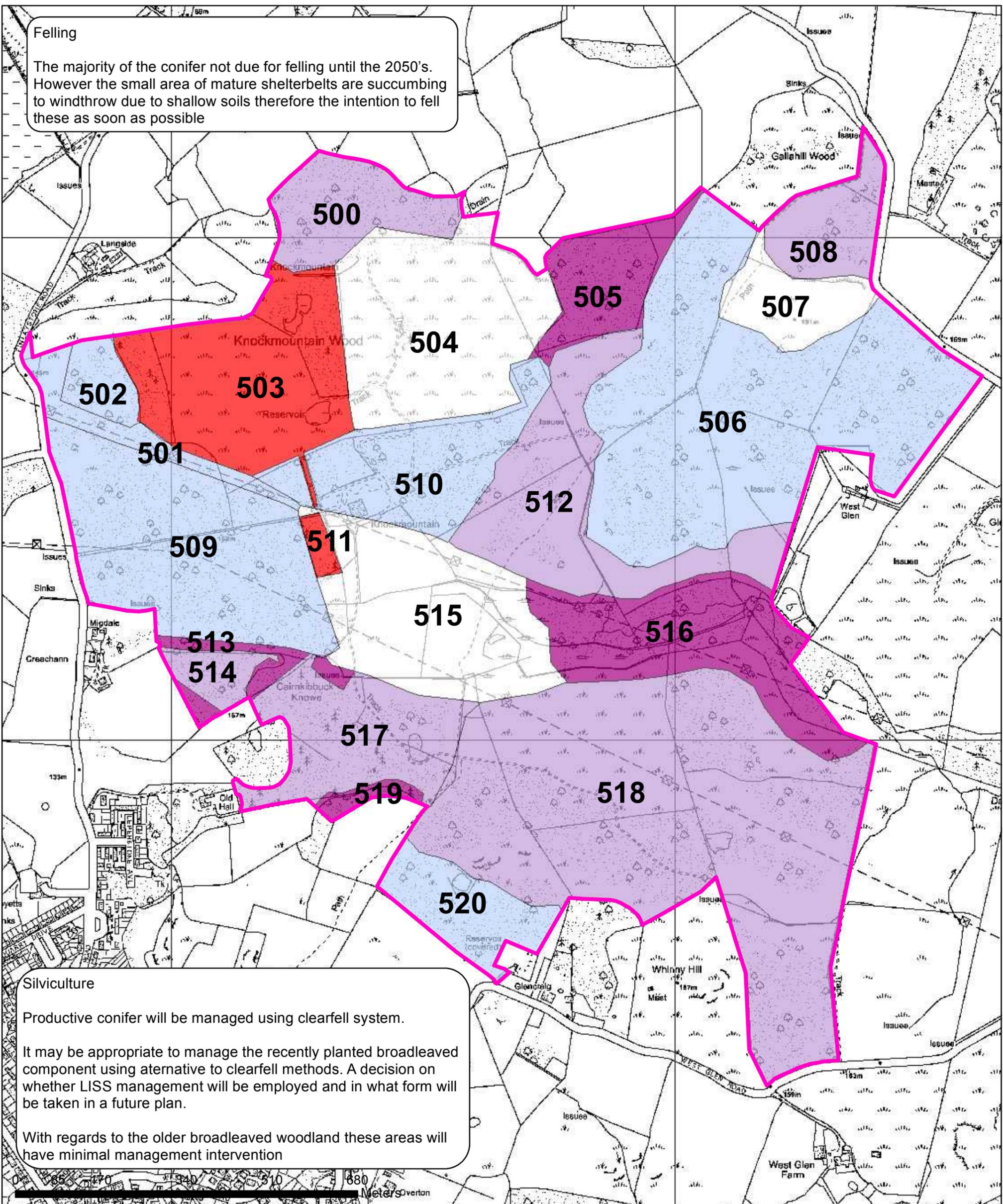
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**Scottish Lowlands FD**  
**KNOCKMOUNTAIN**

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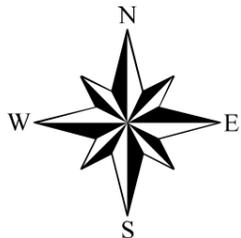
PLANTING

**Felling**  
 The majority of the conifer not due for felling until the 2050's. However the small area of mature shelterbelts are succumbing to windthrow due to shallow soils therefore the intention to fell these as soon as possible



**Silviculture**  
 Productive conifer will be managed using clearfell system.  
 It may be appropriate to manage the recently planted broadleaved component using alternative to clearfell methods. A decision on whether LISS management will be employed and in what form will be taken in a future plan.  
 With regards to the older broadleaved woodland these areas will have minimal management intervention

- Legend**
- Knockmountain
  - Management Type**
  - Phase 1 felling (2017 - 2021)
  - After 2051
  - Minimum Intervention
  - Low impact silviculture
  - Open/Other



Scale: 7,000 @ A3

28 Oct 2016

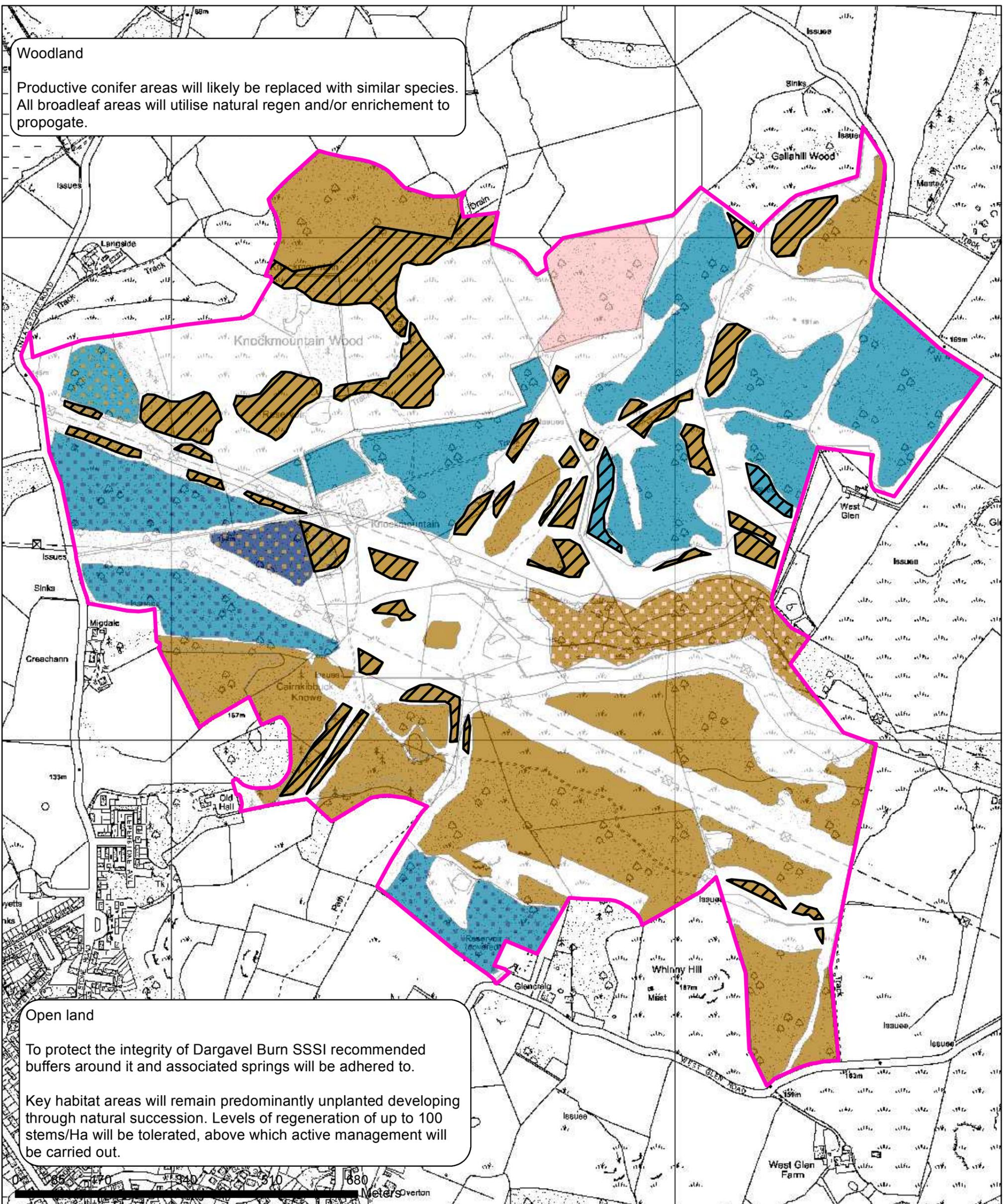


**Scottish Lowlands FD  
 KNOCKMOUNTAIN**

MANAGEMENT TYPE

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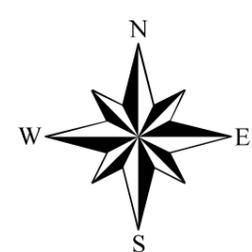
**Woodland**  
 Productive conifer areas will likely be replaced with similar species. All broadleaf areas will utilise natural regen and/or enrichment to propagate.



**Open land**  
 To protect the integrity of Dargavel Burn SSSI recommended buffers around it and associated springs will be adhered to.  
 Key habitat areas will remain predominantly unplanted developing through natural succession. Levels of regeneration of up to 100 stems/Ha will be tolerated, above which active management will be carried out.

**Legend**

Knockmountain	Sitka Spruce
<b>Future Species</b>	Sitka Spruce/Broadleaf
Broadleaf	Sitka Spruce/Conifer
Broadleaf/Birch	Conifer/Broadleaf
Broadleaf/Conifer	Open
Birch	Approval Areas



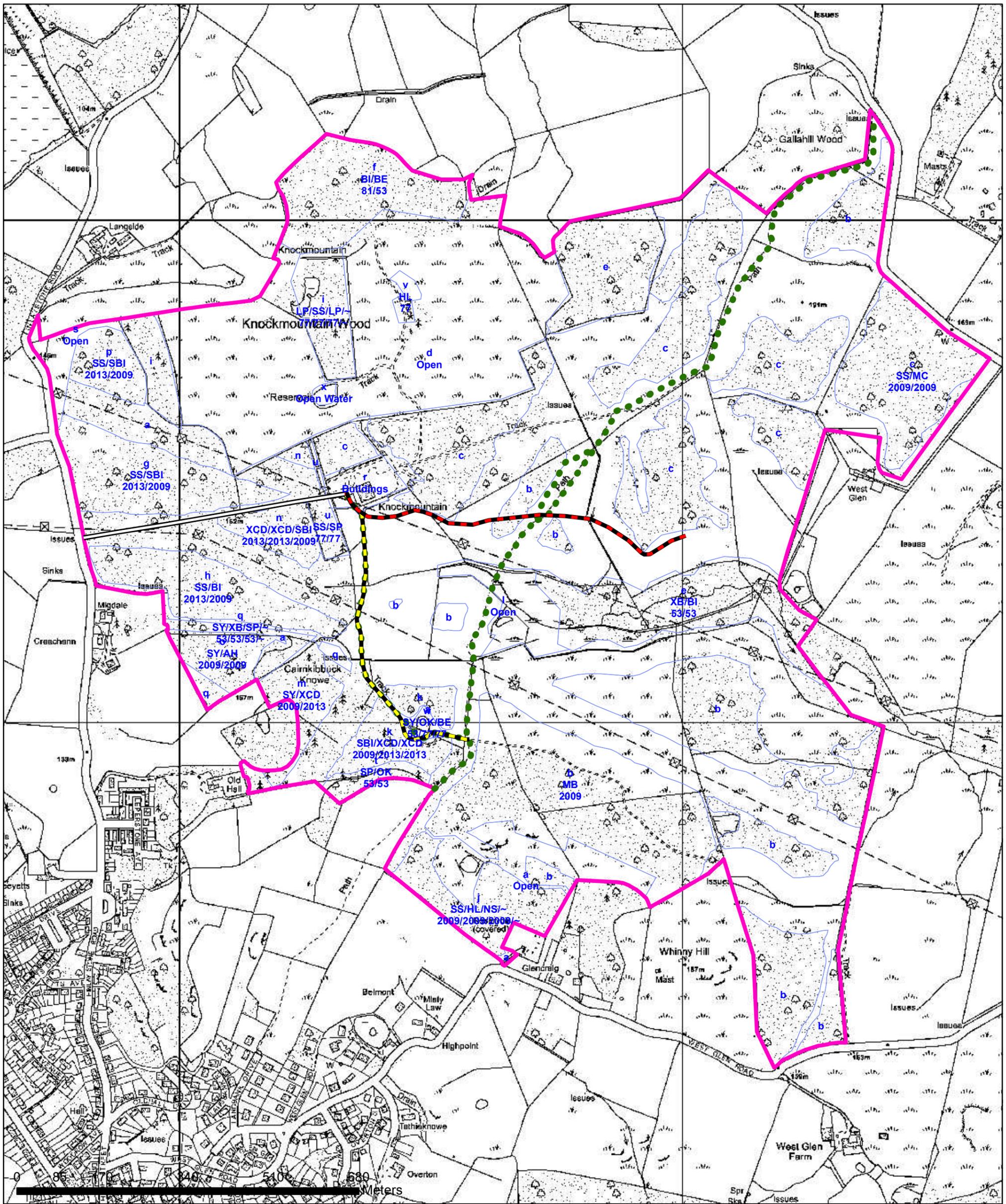
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27 Oct 2016

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**Scottish Lowlands FD**  
**KNOCKMOUNTAIN**

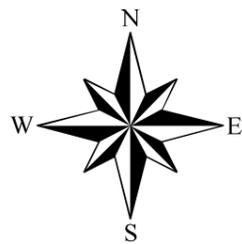
FUTURE HABITAT & SPECIES



**Legend**

- Knockmountain
- Existing Forest Road
- Recreation Segments
- Proposed road extension
- Proposed track upgrade

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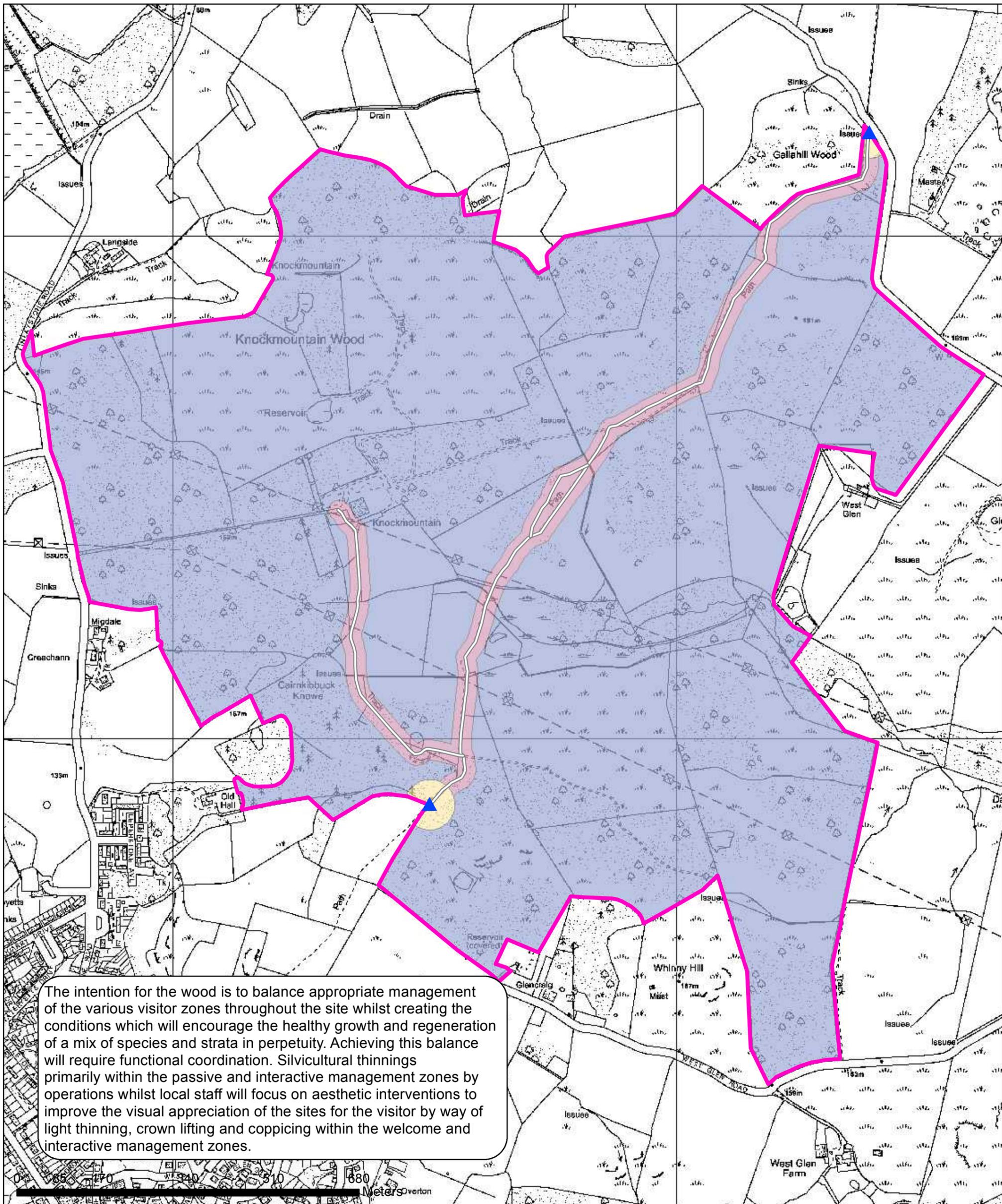
25 Aug 2016



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**Scottish Lowlands FD**  
**KNOCKMOUNTAIN**

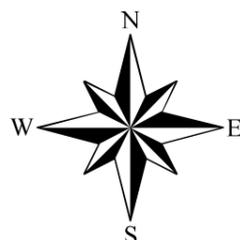
FUTURE ACCESS



The intention for the wood is to balance appropriate management of the various visitor zones throughout the site whilst creating the conditions which will encourage the healthy growth and regeneration of a mix of species and strata in perpetuity. Achieving this balance will require functional coordination. Silvicultural thinnings primarily within the passive and interactive management zones by operations whilst local staff will focus on aesthetic interventions to improve the visual appreciation of the sites for the visitor by way of light thinning, crown lifting and coppicing within the welcome and interactive management zones.

**Legend**

- Knockmountain
- Welcome Zone
- Paths
- Interactive Zone
- Access
- Passive Zone



Scale: 7,000 @ A3

28 Oct 2016



**Scottish Lowlands FD  
KNOCKMOUNTAIN**

**VISITOR ZONING**