

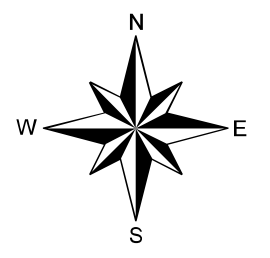
# WESTFIELD LOCATION & CONTEXT

Map 1

Scale: 50,000 @ A3



24 Oct 2013



CUMBERNAULD

SLAMANNAN

ARMADALE

CALDERCRUIX

BLACKRIDGE

WHITBURN

AIRDRIE

WESTFIELD  
Grid Ref: NS 862678

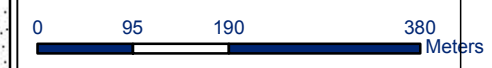
- ### Legend
- Westfield
  - National Nature Reserve
  - Site of Special Scientific Interest
  - Special Area of Conservation
  - Local Nature Conservation Site
  - Ancient Woodland
  - Area of Great Landscape Value



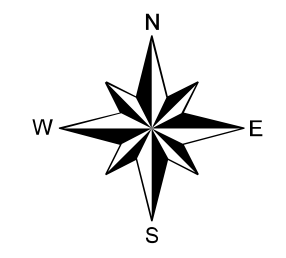
**WESTFIELD  
GEOLOGY  
(Superficial)**

Map 2a

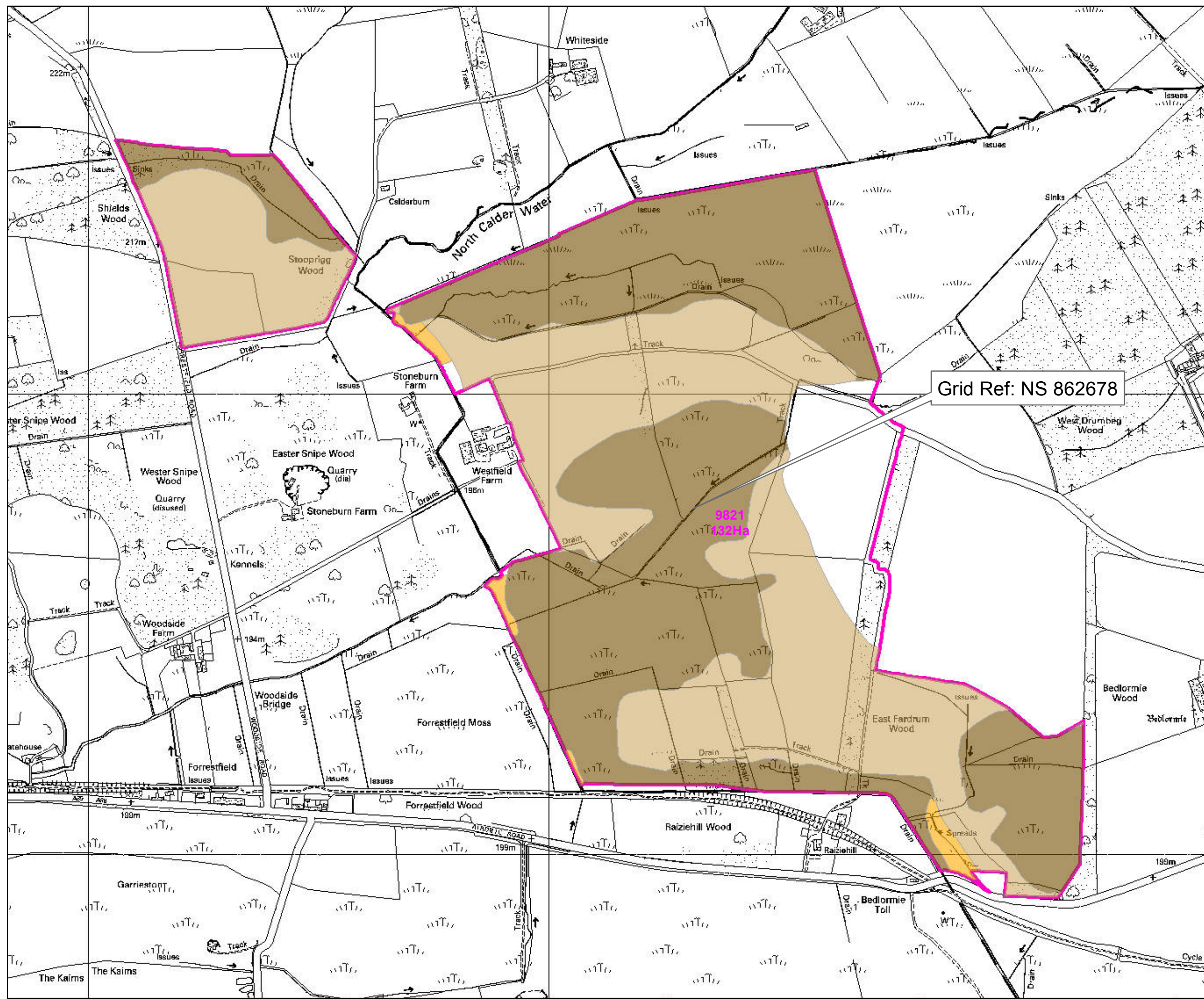
Scale: 7,500 @ A3







October 2013



Grid Ref: NS 862678



**Legend**

-  Boundary
- Superficial Geology**
-  ALLUVIUM
-  TILL
-  PEAT



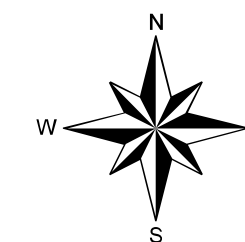
**WESTFIELD SOILS**  
**(WITH PEAT DEPTH SURVEY)**

Map 2b(i)







Scale: 6,500 @ A3








March 2014

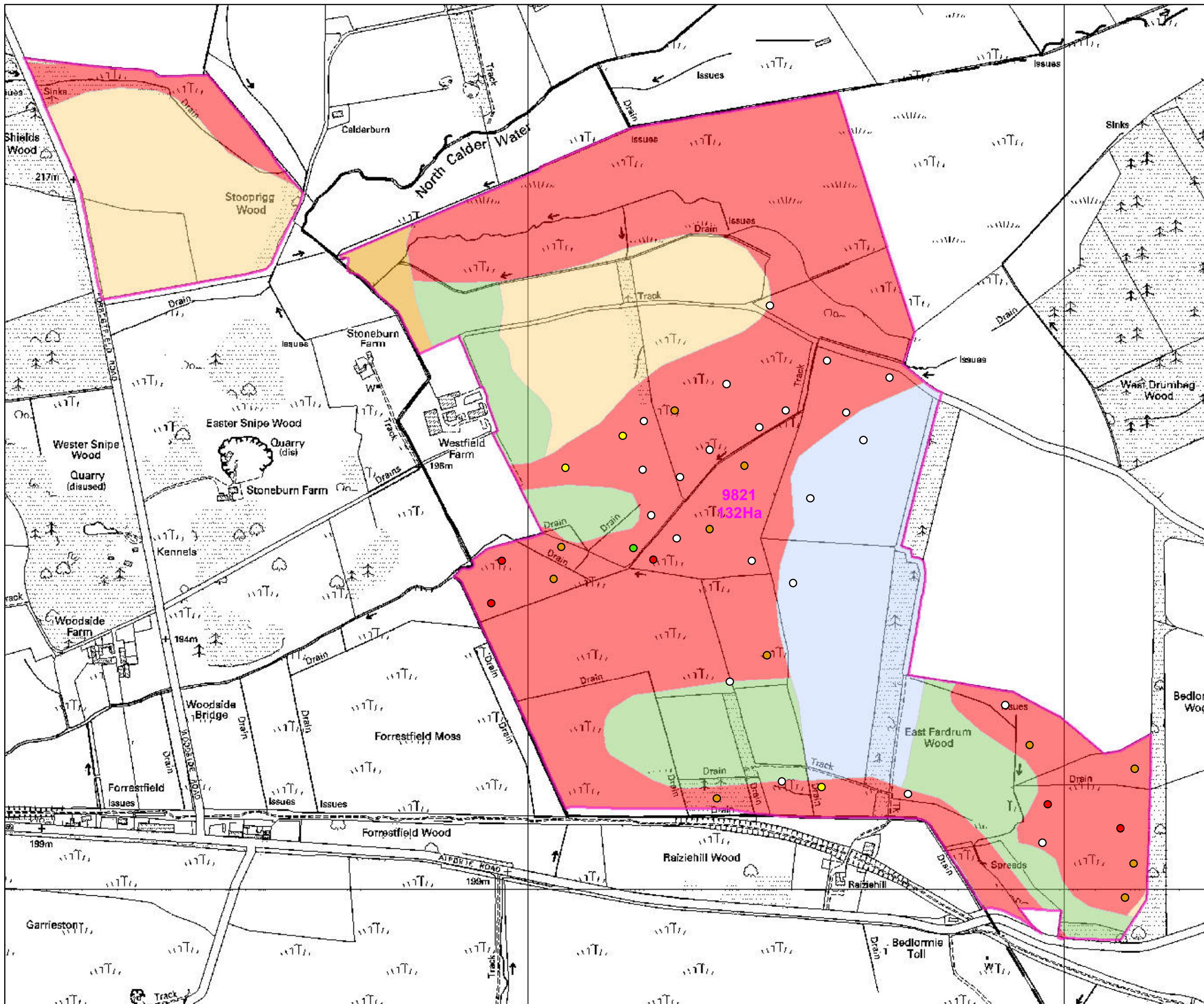


**Legend**

-  Boundary
-  Brown forest soil
-  Made up ground (opencast)
-  Noncalcareous gley (SW)
-  Peaty alluvial soil
-  Peat soil

**Peat Depth**

-  No Peat
-  0-29cm
-  30-39cm
-  40-49cm
-  >50cm





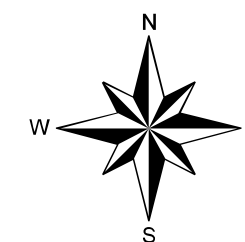
# WESTFIELD LAND CAPABILITY FOR AGRICULTURE

Map 2c

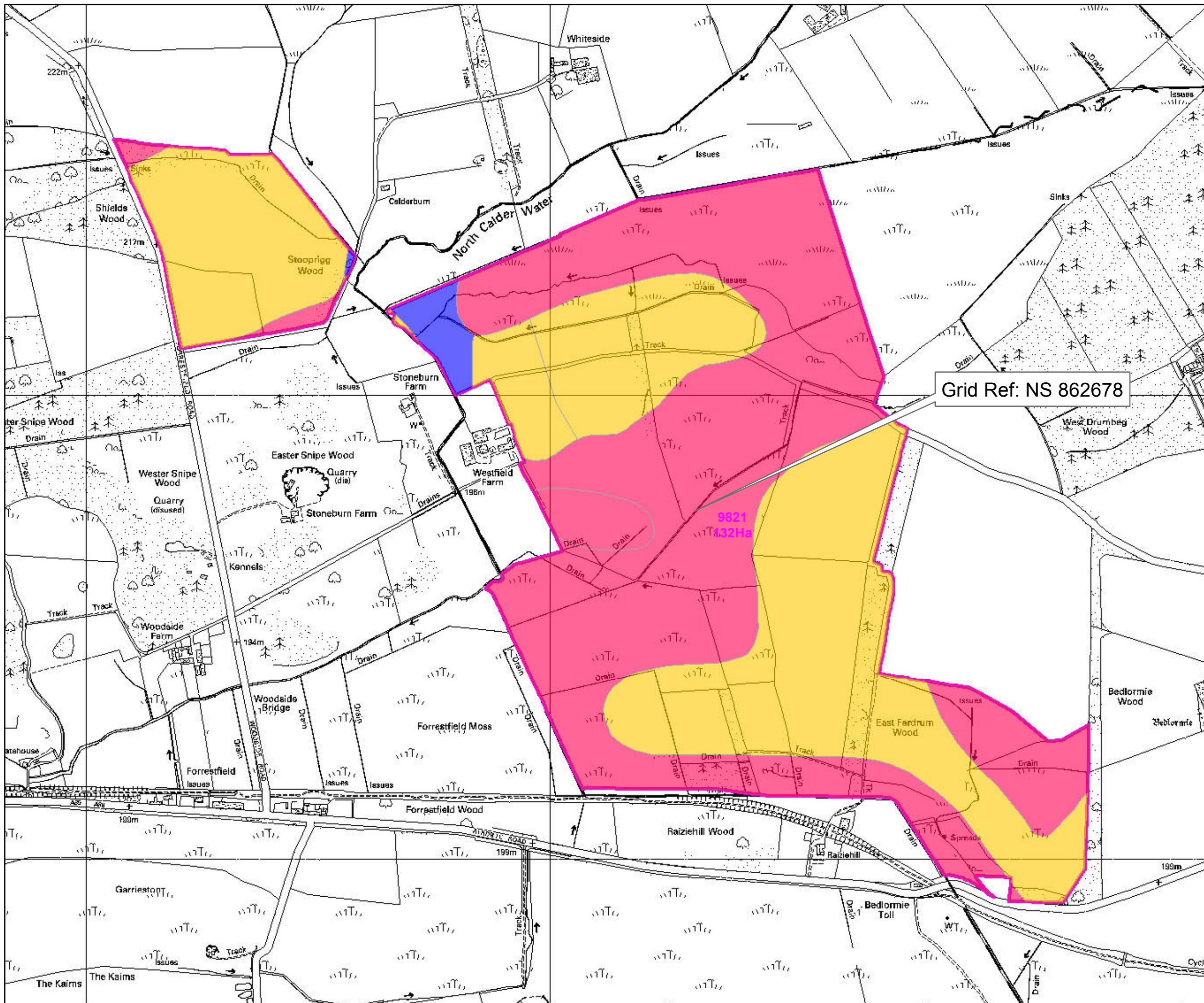
Scale: 7,500 @ A3



October 2013



Grid Ref: NS 862678



### Legend

- Boundary
- 3.2 - 4.2 (Mixed Agriculture)
- 5.1 - 5.3 (Improved Grassland)
- 6.1 - 7 (Rough Grazing)



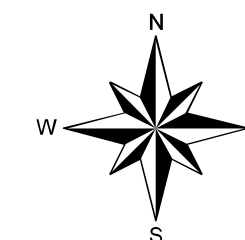
# WESTFIELD CLIMATIC ZONES

Map 3a

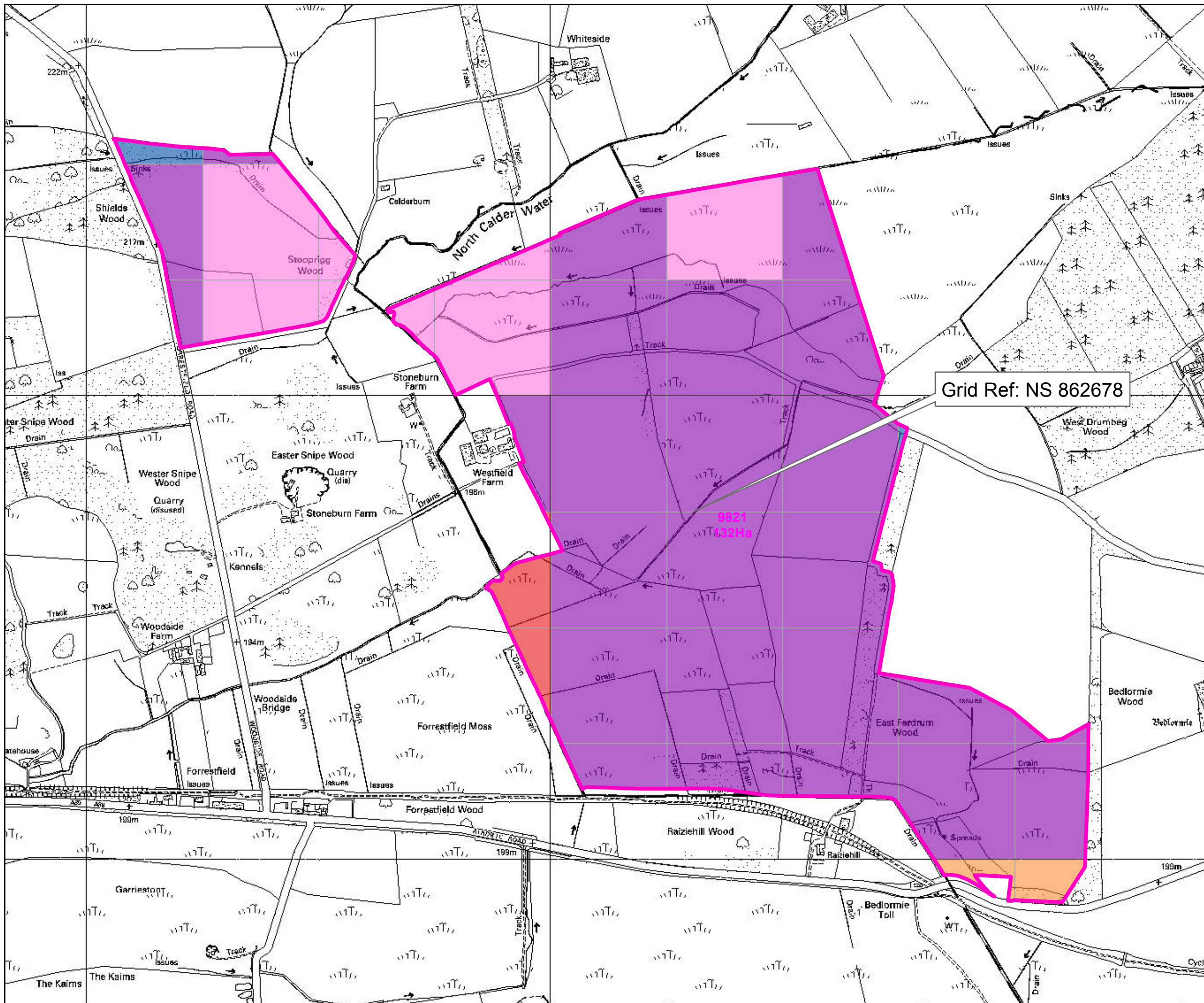
Scale: 7,500 @ A3



October 2013



Grid Ref: NS 862678



## Legend

- Boundary
- Cool, Wet, 16-17
- Cool, Moist, 13-15
- Cool, Moist, 16-17
- Warm, Moist, 13-15
- Warm, Moist, 16-17



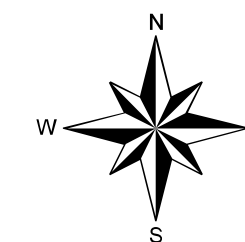
# WESTFIELD SOIL MOISTURE REGIME

Map 3b

Scale: 7,500 @ A3







October 2013



Grid Ref: NS 862678

9821  
132Ha

## Legend

-  Boundary
-  Wet
-  Very Moist
-  Fresh



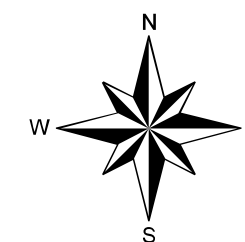
# WESTFIELD SOIL NUTRIENT REGIME

Map 3c

Scale: 7,500 @ A3






October 2013



Grid Ref: NS 862678

9821  
132Ha

## Legend

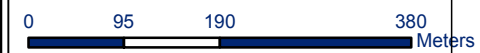
-  Boundary
-  Very Poor
-  Medium



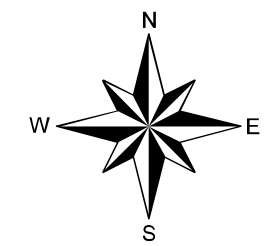
# WESTFIELD DETAILED ASPECT METHOD OF SCORING

Map 3d

Scale: 7,500 @ A3



October 2013

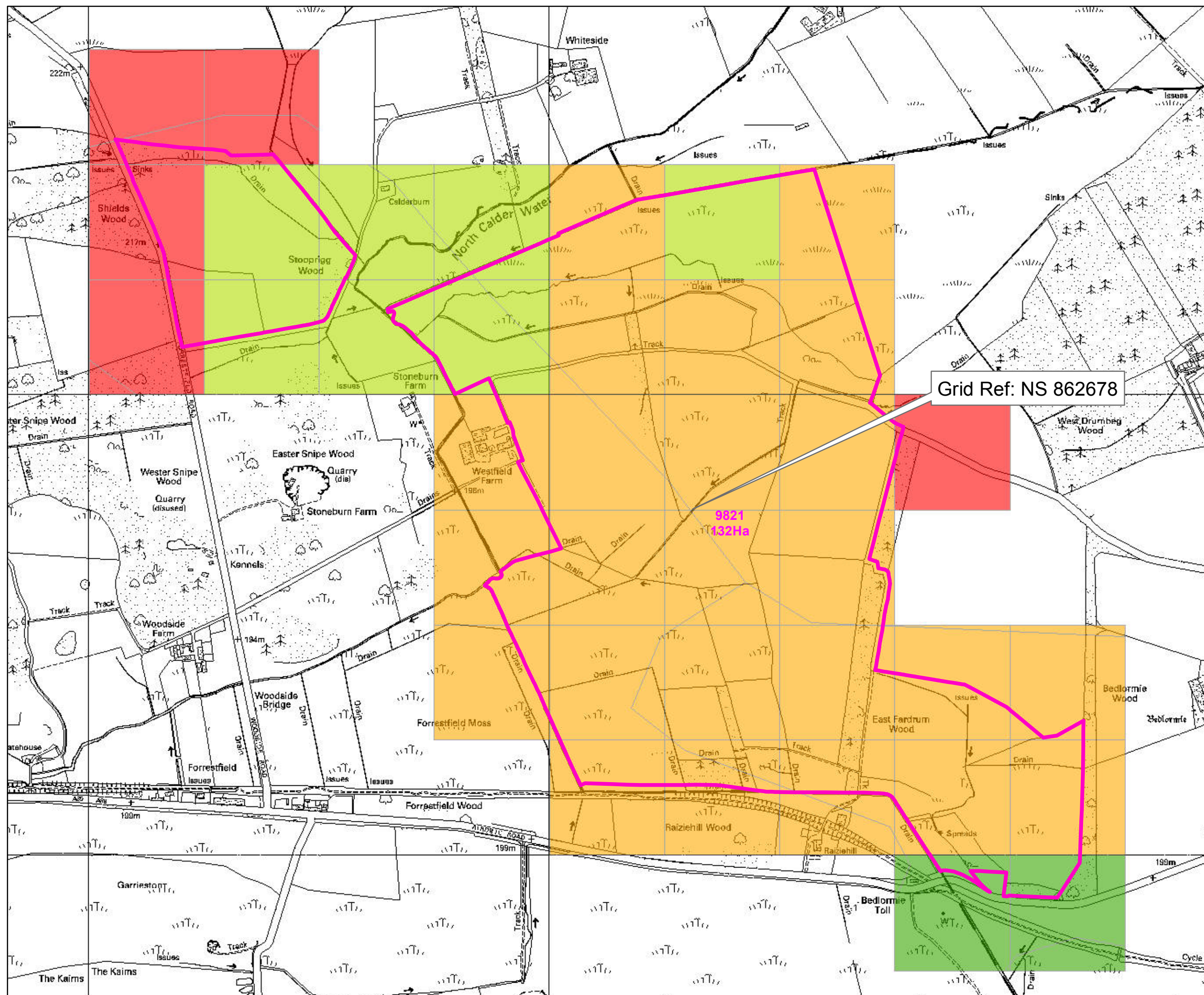


Grid Ref: NS 862678

9821  
132Ha

### Legend

- Boundary
- 14 (Moderately Exposed - Marginal Thin)
- 15 (Moderately Exposed - Marginal Thin)
- 16 (Highly Exposed - Marginal Thin)
- 17 (Highly Exposed - No Thin)





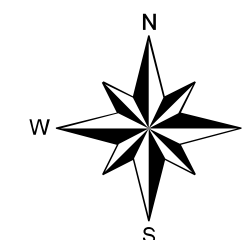
# WESTFIELD OPEN HABITAT

Map 3e

Scale: 7,500 @ A3



November 2013



Grid Ref: NS 862678

9821  
132Ha

## Legend

Boundary

## Open\_Habitat

Improved Grassland

Neutral Grassland

Lowland Raised Bog

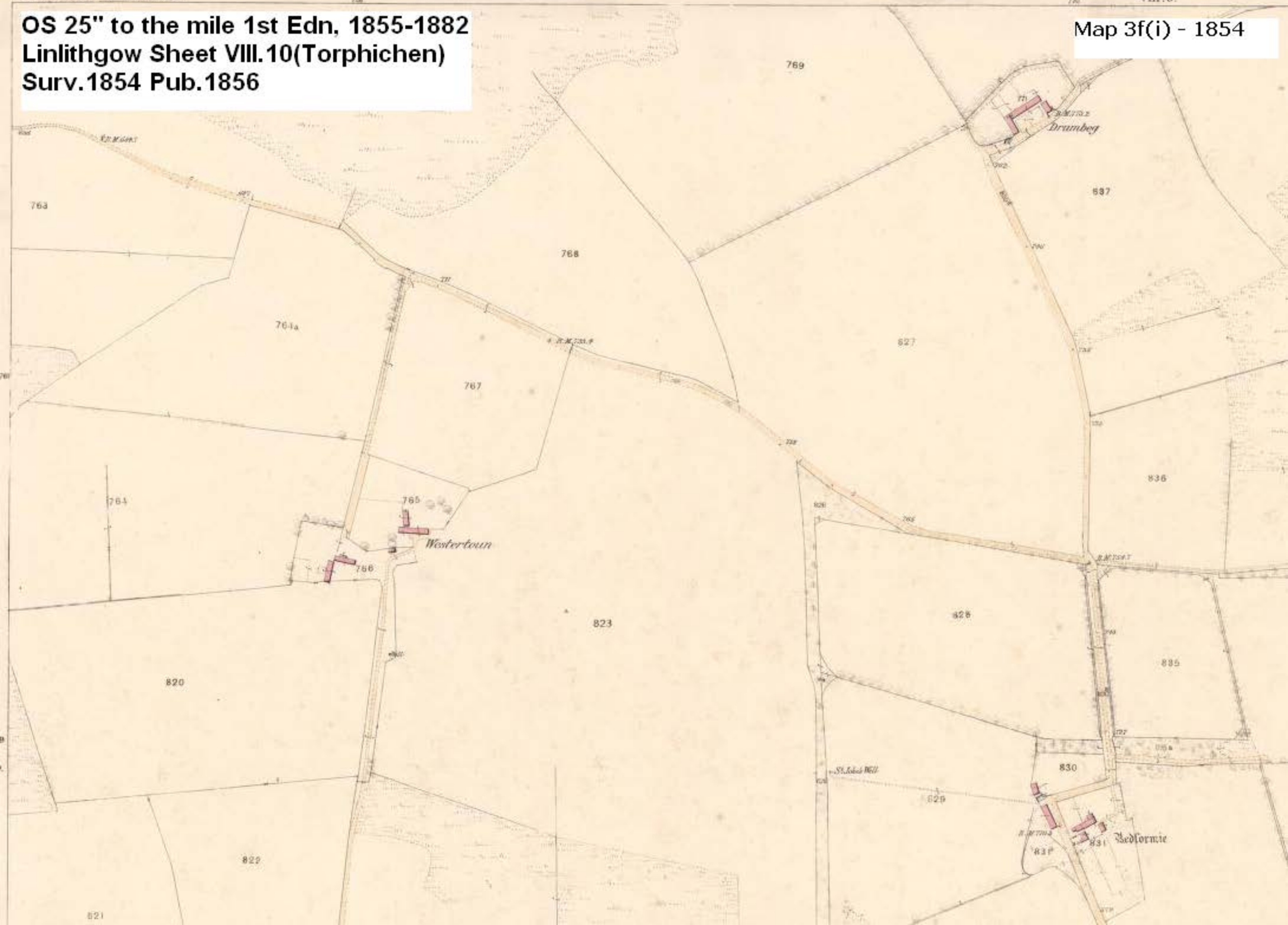
Intermediate Bog

Lowland Fen



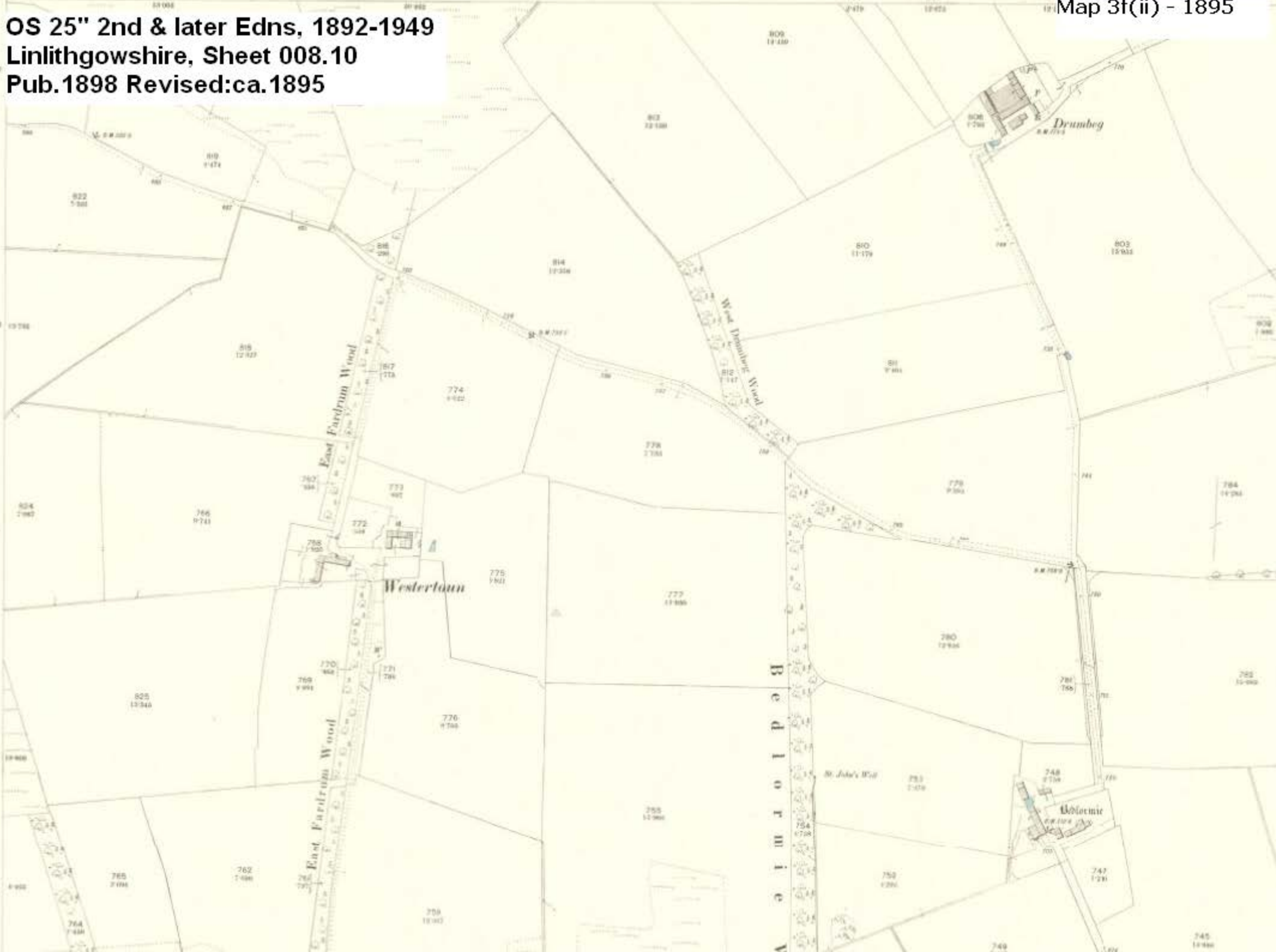
OS 25" to the mile 1st Edn, 1855-1882  
Linlithgow Sheet VIII.10(Torphichen)  
Surv.1854 Pub.1856

Map 3f(i) - 1854





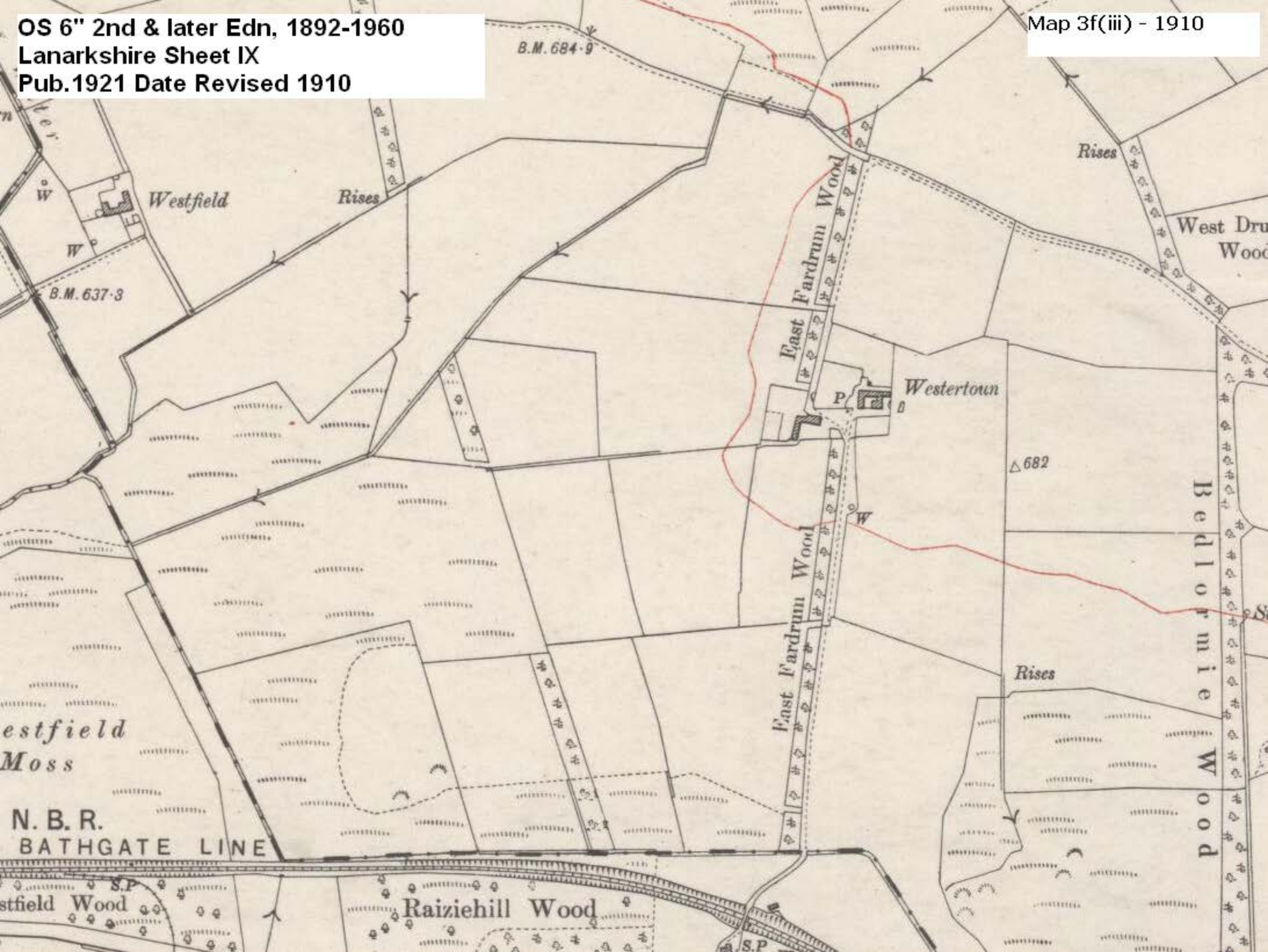
OS 25" 2nd & later Edns, 1892-1949  
Linlithgowshire, Sheet 008.10  
Pub.1898 Revised:ca.1895





OS 6" 2nd & later Edn, 1892-1960  
Lanarkshire Sheet IX  
Pub. 1921 Date Revised 1910

Map 3f(iii) - 1910



Westfield

Rises

B.M. 684-9

Rises

West Drum Wood

B.M. 637-3

East Fardrum Wood

Westertown

△ 682

Bedfordie Wood

Rises

Westfield Moss

N.B.R. BATHGATE LINE

Westfield Wood

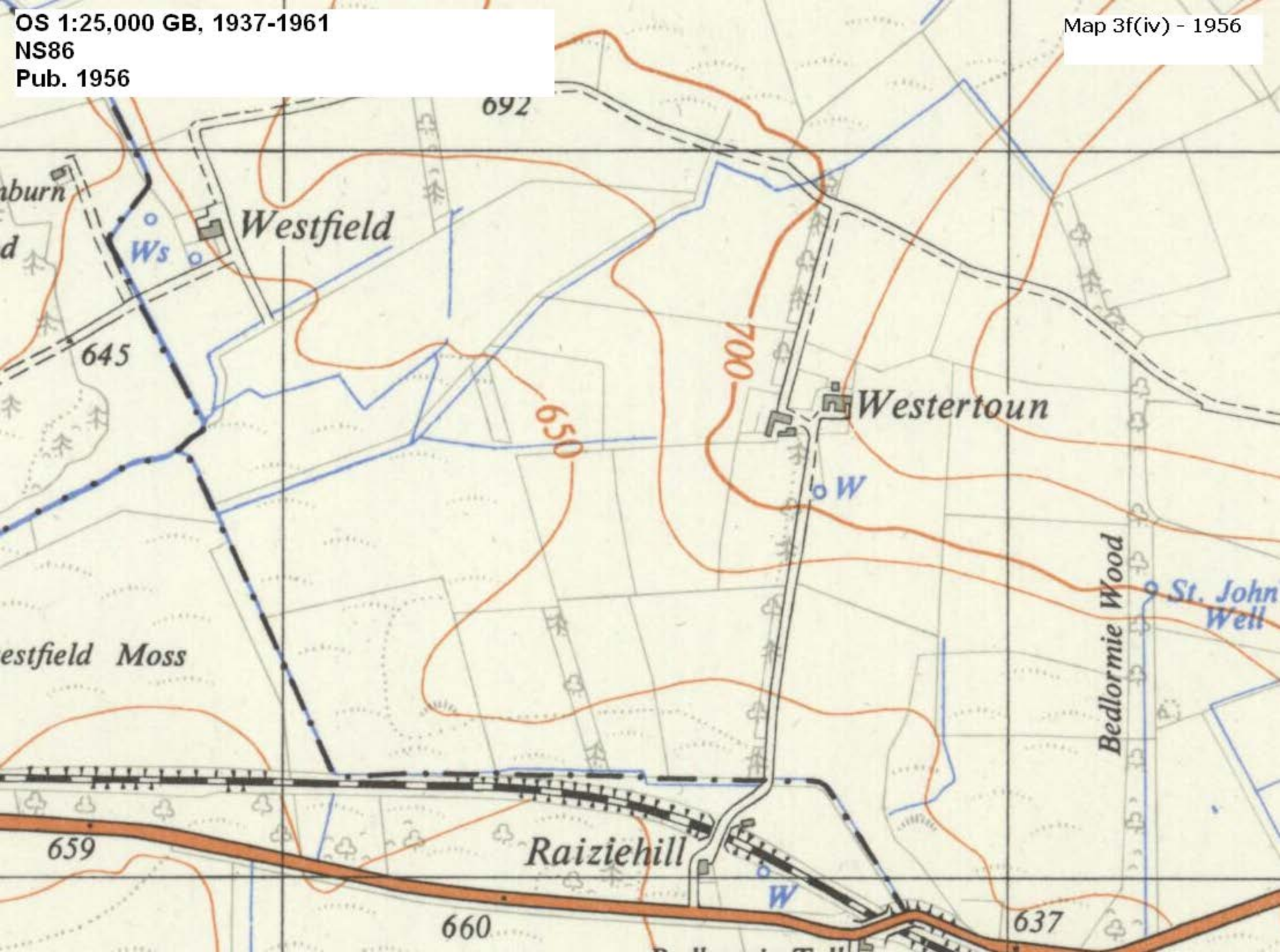
Raiziehill Wood

S.P.



OS 1:25,000 GB, 1937-1961  
NS86  
Pub. 1956

Map 3f(iv) - 1956





Key ▾

Data ▾

Location ▾

Transparency ▾



### Map 3g - Coal Mining Extent

Surface Mining (Past and Current)



Coal Mining Reporting Area

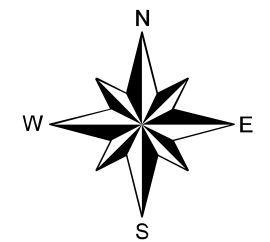




Map 3h - Shelterbelts







**Legend**

- Boundary
- X OH Electricity
- UG Gas Pipeline
- Drain & Buffer
- Woodland Creation**
- Conifer
- Alternative Conifer
- Mixed Broadleaves
- Wet Woodland
- Other Land**
- Existing Shelterbelt
- Managed Open - High Priority LRB/IB Habitat
- Unmanaged Open

•The site is most suitable for growing commercial Sitka spruce however DAMS score suggests the site is marginal for thinning suitability  
•Plant Alaskan Lodgepole pine in mix with Sitka spruce self thinning the crop improving stability, deer management to protect crop

•Certain areas suitable for alternative conifer  
•Plant species such as Macedonian pine and Serbian spruce in identified areas and protect with fencing

•Site dissected by an overhead electricity power line, an underground gas pipeline and a substantial drainage network  
•Follow relevant guidance sympathetically planting around these constraints, utilise obligatory buffers for benefit of additional open space and deer management.  
•Design planting of broadleaves so to soften harsh lines of conifer areas with regard to topography, lines of force and visibility of woodland on the landscape.

•The site has a discontinuous woodland network both internally and with the surrounding woodland  
•Plant more broadleaves to link up existing native woodland element to improve habitat connectivity.  
•Retain existing spruce strips to provide shelter. Windblown element of the spruce providing deadwood for biodiversity.

•Large swathes of lowland raised bog as well as some intermediate bog habitat  
•Manage areas identified as important open habitat which link to wider bog habitats. Manage against the spread of conifer crop and broadleaves seedlings onto said habitat.

•Relatively exposed site  
•Utilise exposure tolerant broadleaf species to create a wind-firm edge for long term retention also providing for local firewood and niche markets. Broadleaf fringe will also soften the impact of new commercial conifer crop on landscape

•Existing partial access into the site from Forrestfield Road with issues over rights of way over section next to Westfield Farm House.  
•Investigate improving the access via the farm entrance off of the A89 and linking that with a section of new road to the existing forest (farm) road.

9621  
132Ha

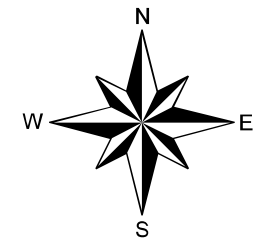


**WESTFIELD  
FUTURE HABITAT  
SPECIES PLANTING**  
Map 5a

Scale: 6,500 @ A3



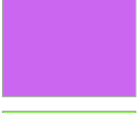




March 2014








Grid Ref: NS 862678

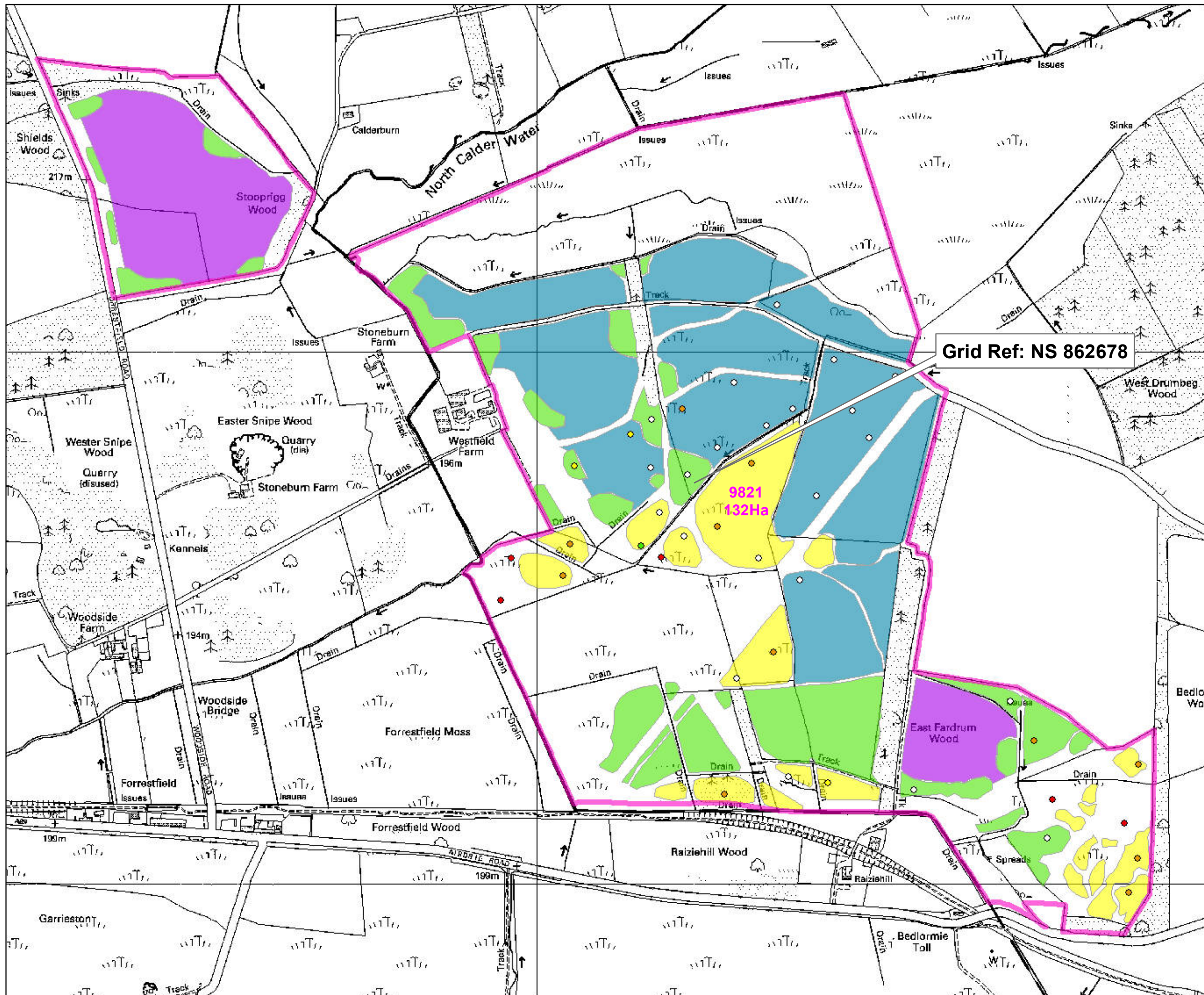
**Legend**

-  Boundary
-  Conifer
-  Alternative Conifer
-  Mixed Broadleaves
-  W4 Wet Woodland

**Peat Depth Survey**

**Peat Depth**

-  No Peat
-  0-29cm
-  30-39cm
-  40-49cm
-  >50cm





Map 5b - 3D Draped Oblique View

