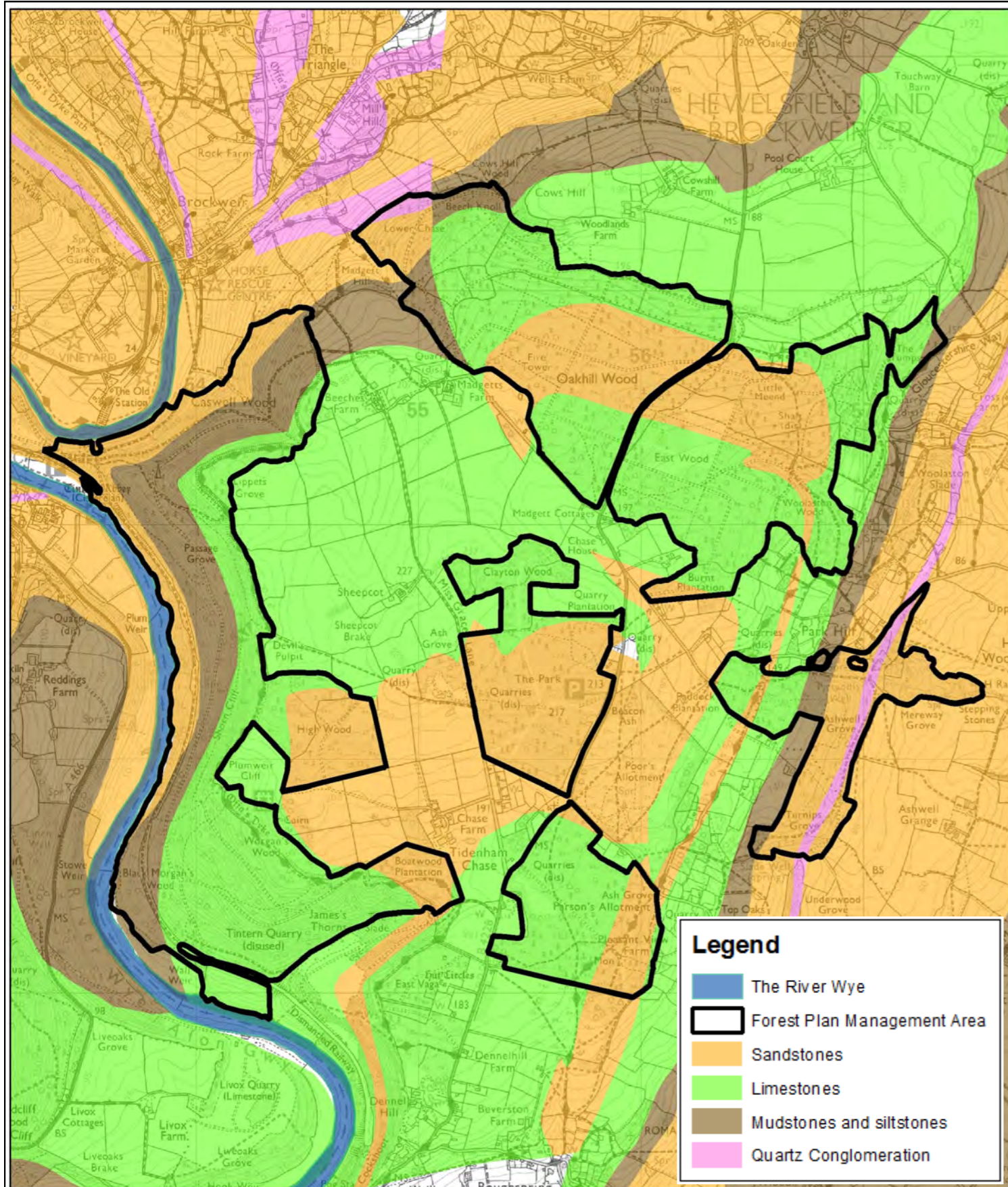
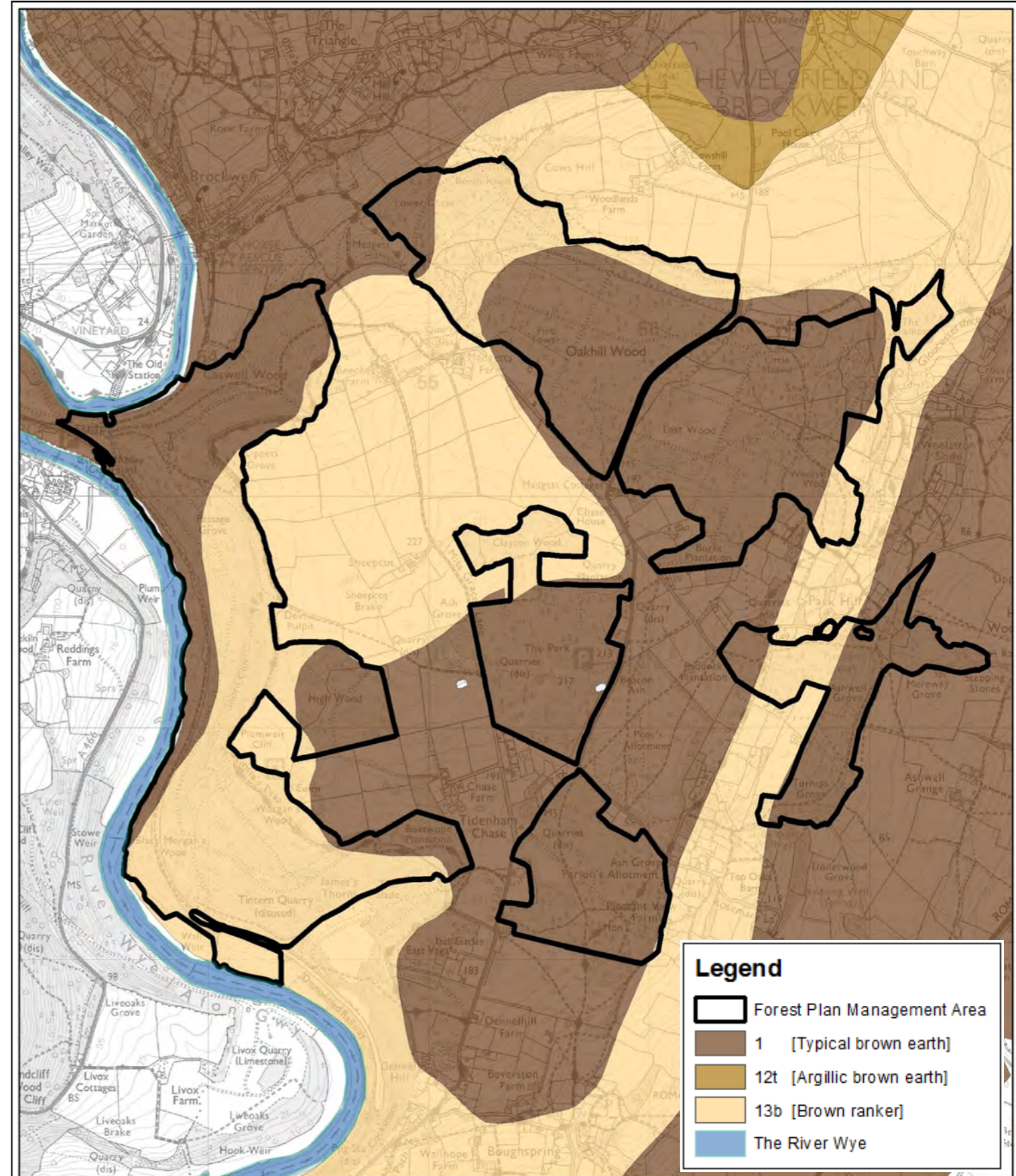


Geology



Soils

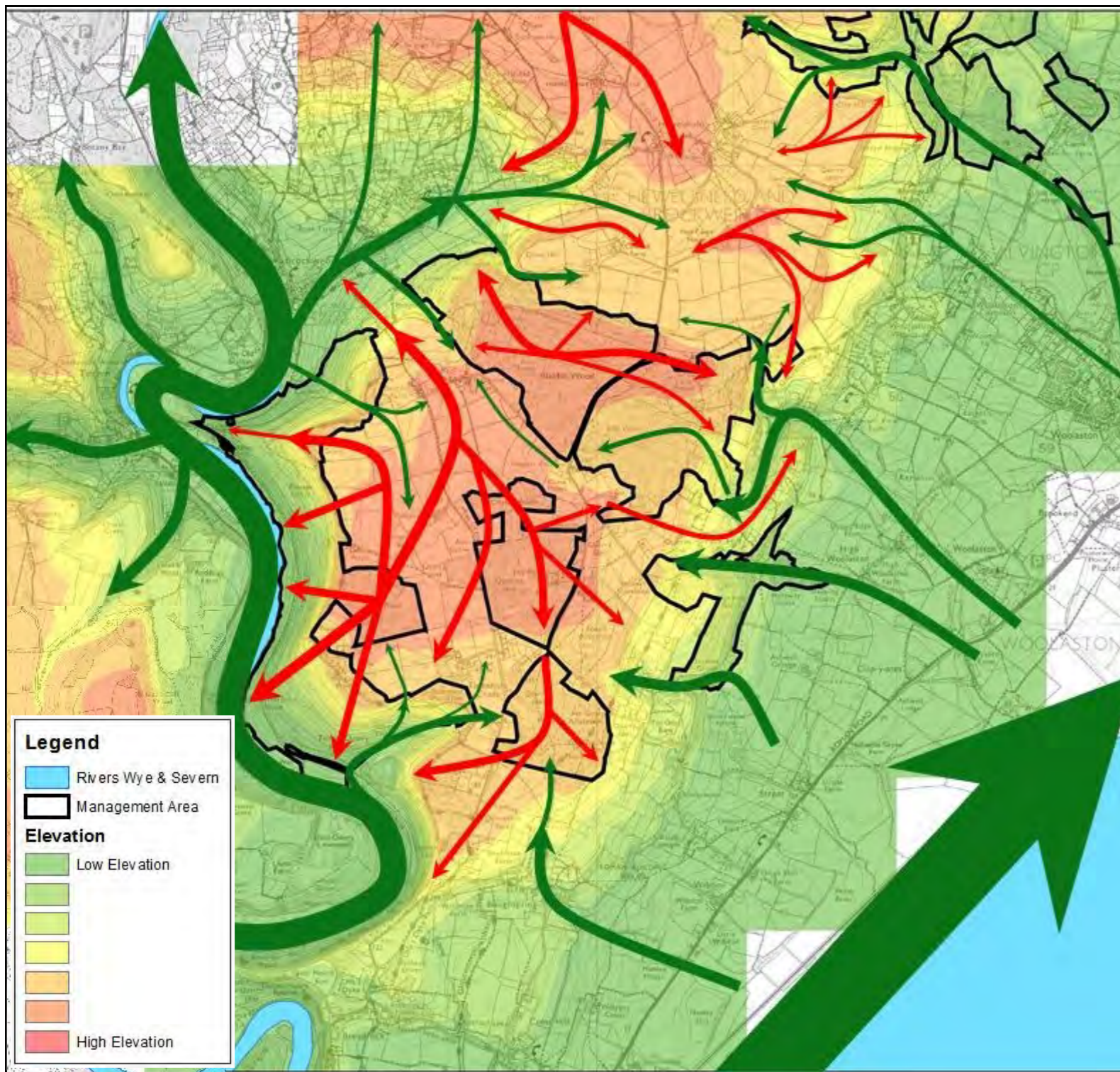


Landform Analysis

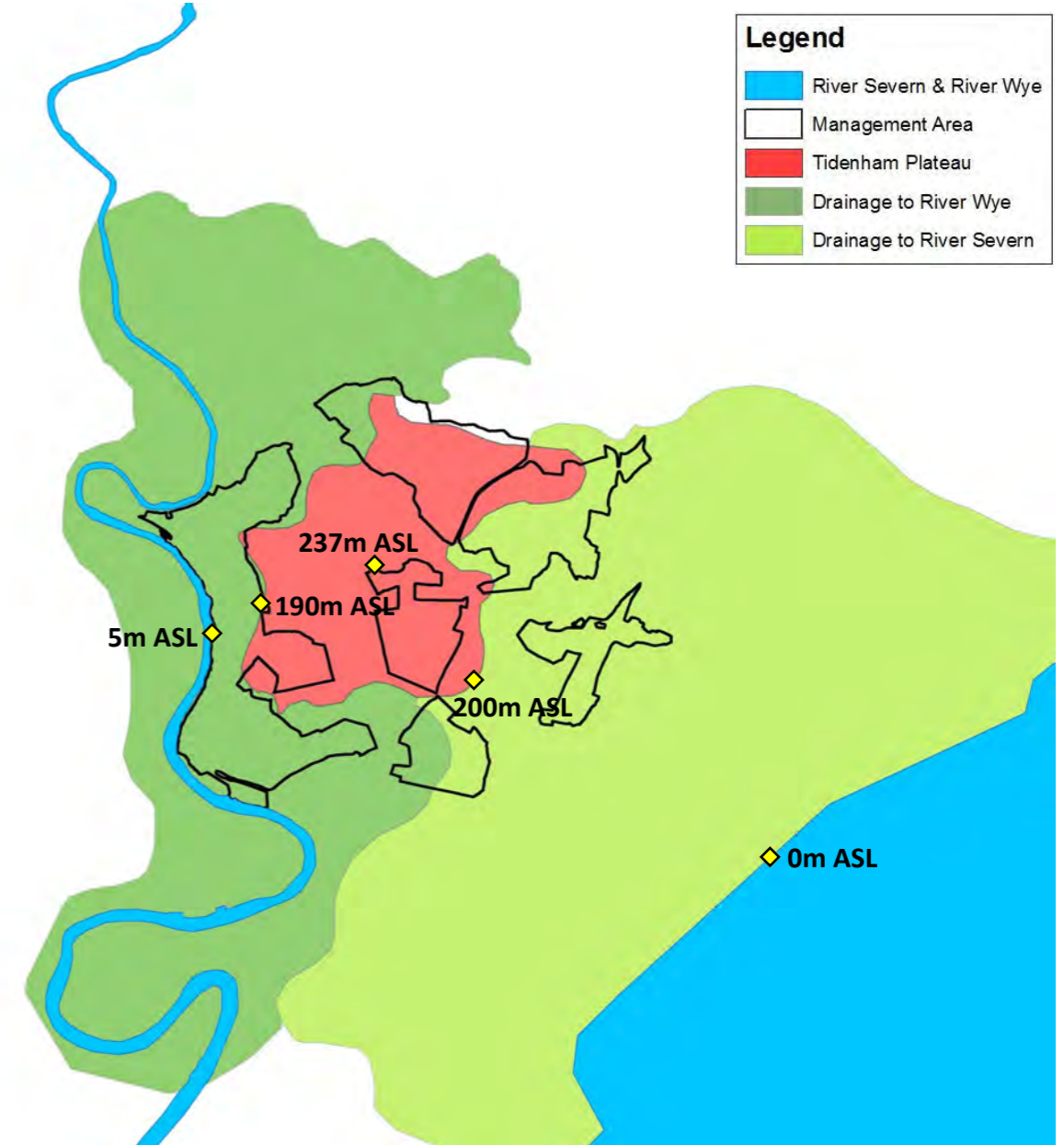
The analysis of landform is used to assess landform patterns in a landscape context with one's eye naturally down along/up valleys and gullies indicated by green arrows and across/down plateaus and ridges marked in red. This process of analysis helps develop and create management coupe structures for felling and restocking that are of a size and shape in keeping with the surrounding landscape character.

The majority of the area lies on a limestone and sandstone plateau between the Wye and the Severn. The Eastern side of the plan drains to the Severn and is characterised by winding valleys that dissect steep slopes. To the north in Oakhill Wood and Caswell Wood the ground descends steeply into the Brockweir Valley that runs south westerly to join the River Wye. South of Caswell Wood due to the geology of Sandstone and Carboniferous Limestone the combined action of the River Wye and natural joints in the rocks has carved steeply downward exposing many vertical faces, particularly between Tintern and Chepstow, e.g. those of Shorn Cliff and Wintours Leap.

Map showing watershed analysis



Right: This map illustrates the water shed for the Forest Plan area in relation to the River Severn and River Wye. It shows the River Wye to have a higher level of vulnerability than the River Severn given the severe nature of slopes and landform that rise from the Wye up to Offa's Dyke by 185m in under a third of a mile. This compares with the much gentler eastern slopes of the Forest Plan area that only rise by 200m in just under 2 miles between the River Severn and Tidenham plateau; Parsons Allotment being just over 1 mile and Ashwell Grove the lying just under 1 1/2 miles from the River Severn.



Photograph 1 Sports field at Tintern looking south towards Tintern Abbey



**Landscape
Analysis**

Larch to the north of the tunnel is very scattered & infrequent the further north you go and occurs within a matrix of Beech, Cherry, Sweet Chestnut and Oak.

Entrance to old railway tunnel. - Cut into steep bank, this makes a natural break for the proposed clearfelling of larch.

Bank of Larch runs obliquely away from Tintern Abbey that minimises landscaping concerns. Although if felled connectivity to the tunnel will need to be maintained for bats.

Woodland along the river and east up to the old railway line contains native species on very steep challenging ground will be managed as Natural Reserve

3D Imaging



Photograph 2 Caswell Woods from footpath between St. Michael's Church and the old railway station at Tintern



FC landholding stops about here

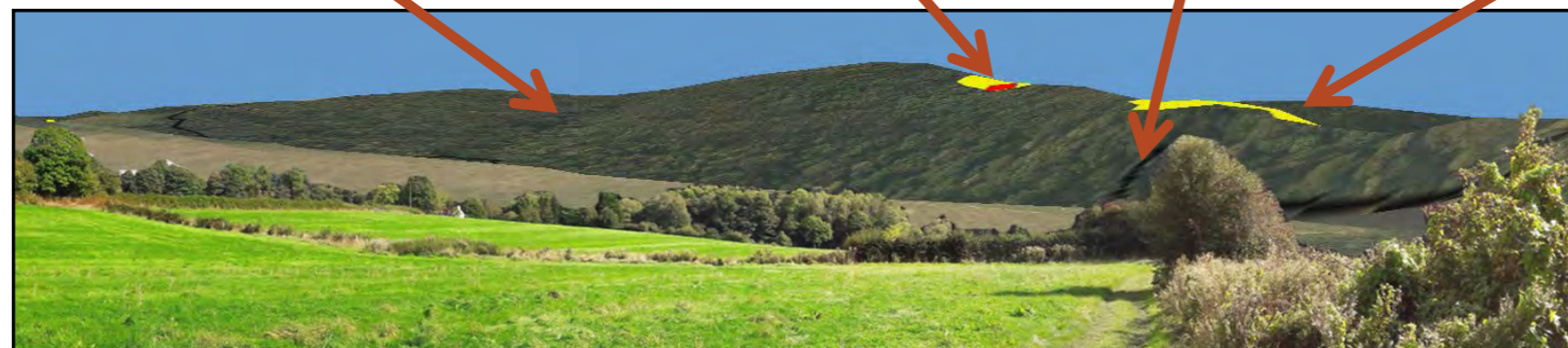
Designated SSSI for woodland type the steep north facing slopes of Caswell woods will be managed as natural reserve.

MAST shown as red dot

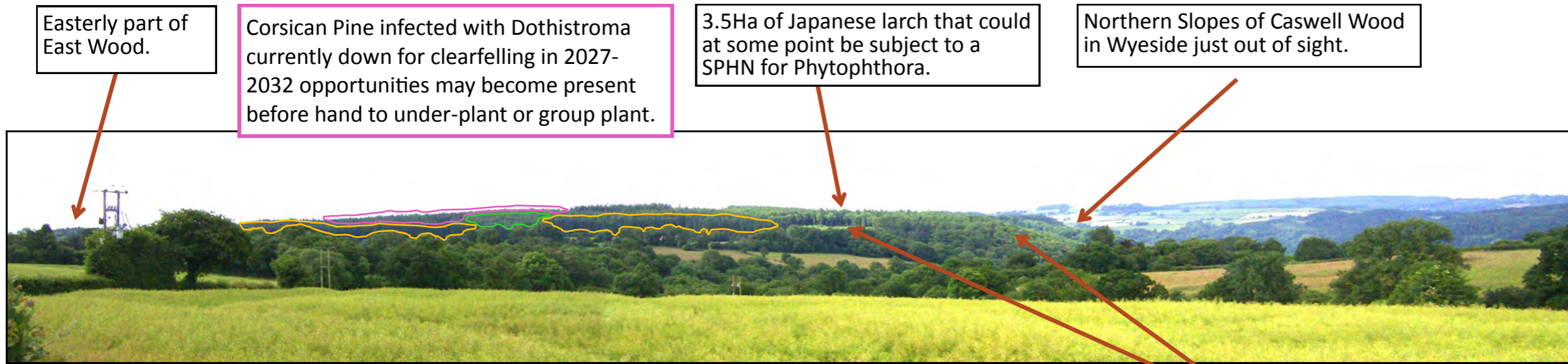
Northern entrance to old railway tunnel (Mostly hidden behind bush.)

Shown here in yellow the Larch on the southern side of the ridge just breaks the skyline although as this is north of southern tunnel entrance larch content is scattered and will not visually affect the skyline as viewed from this locale

3D Imaging



Photograph 3 Oakhill Wood viewed from the B4228 around the Hewelsfield area



Easterly part of East Wood.

Corsican Pine infected with Dothistroma currently down for clearfelling in 2027-2032 opportunities may become present before hand to under-plant or group plant.

3.5Ha of Japanese larch that could at some point be subject to a SPHN for Phytophthora.

Northern Slopes of Caswell Wood in Wyese just out of sight.

Landscape Analysis

Area of mixed broadleaves (Ash Beech, Cherry and Sweet Chestnut) showing early signs of regeneration.

Conifer crops that predominantly consist of DF RC and NS along this boundary are generally well thinned with opportunity for broadleaf regeneration through planting or natural means.

Young Broadleaf crops establishing well. The bank adjacent sweeps into the Wye Valley and will be thinned to remove conifer content over time.

Photograph 4 Ashwell Grove and East Wood viewed from Slade Road seven view junction



Low impact systems will continue to be in place within Ashwell Grove and so there will be little impact on the landscape here.

Private ground

East Wood runs just out of sight along the other side of this ridge.



3D Imaging

Landscape Analysis

Photograph 5 View from Wyvern Garage looking along eastern flank of plan area



Parsons Allotment is just visible, distant left. **Ashwell Grove** dominates the skyline, centre with **East Wood** to the right. The proposed clearfell in Parson's Allotment to complement Poor's Allotment will have minimal visual impact from here. There will be minimal impact from Ashwell Grove and East Wood too as low impact systems are to be used. Clearfelling is well into the future and will not impact on view.



3D Imaging

Photograph 6 View from Ashwell Grove/Reece Racing looking along eastern flank of plan area



Parsons Allotment is just visible, distant left. **Ashwell Grove** dominates the skyline, centre with **East Wood** on the horizon to the right. The proposed clearfell in Parson's Allotment to complement Poor's Allotment will have minimal visual impact from here. There will be minimal impact from Ashwell Grove and East Wood too as low impact systems are to be used. Clearfelling is well into the future and will not impact on view.



3D Imaging