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Welsh Government

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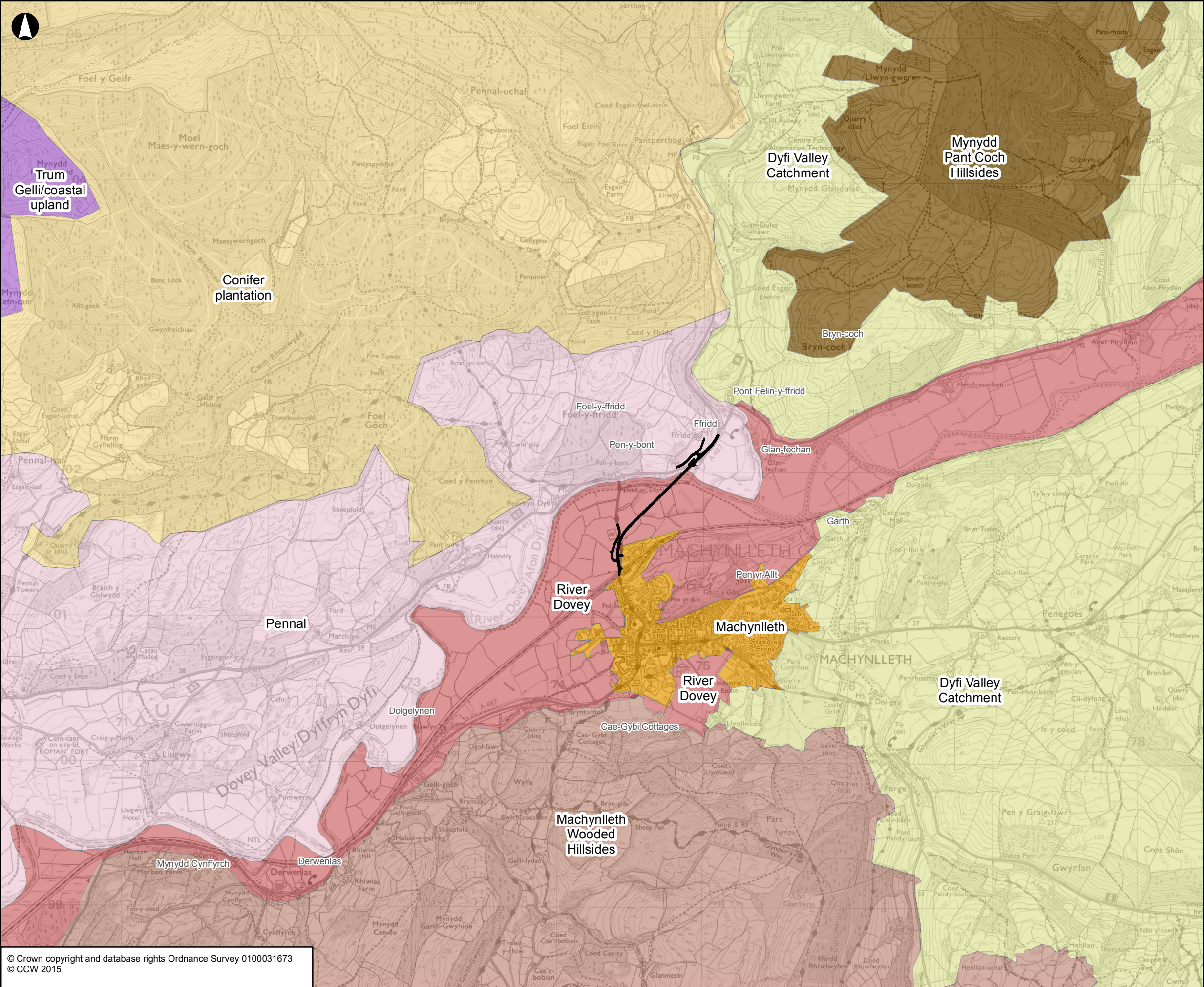
A487 New Dyfi Bridge

Environmental Statement
- Volume 3: Appendix 8.1

LANDMAP Data Sheets

Final Issue | September 2017





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Legend

Proposed Scheme

Conifer plantation

Dyfi Valley Catchment

Dyfi Valley Rolling Grazing

Machynlleth

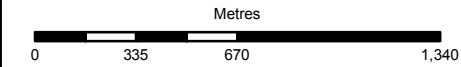
Machynlleth Wooded Hillsides

Mynydd Pant Coch Hillsides

Pennal

River Dovey

Trum Gelli/coastal upland



P01.2	08/03/16	EB	BO	JP
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Rev	Date	By	Chkd	Appd
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ARUP

GRIFFITHS
civil engineering and construction

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Client


Llywodraeth Cymru
Welsh Government

Project Title
A487 New Dyfi Bridge

Drawing Title
**Figure 8.2.1
LANDMAP - Visual & Sensory**

Scale at A3
1:25,000

Role
Specialist Designer - Environmental

Suitability
S0 - Initial non-contractual

Arup Job No 244562-00	Rev P01.2
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Name
900237-ARP-ZZ-ZZ-DR-LX-00015

Visual and Sensory

Aspect Area Name

River Dovey

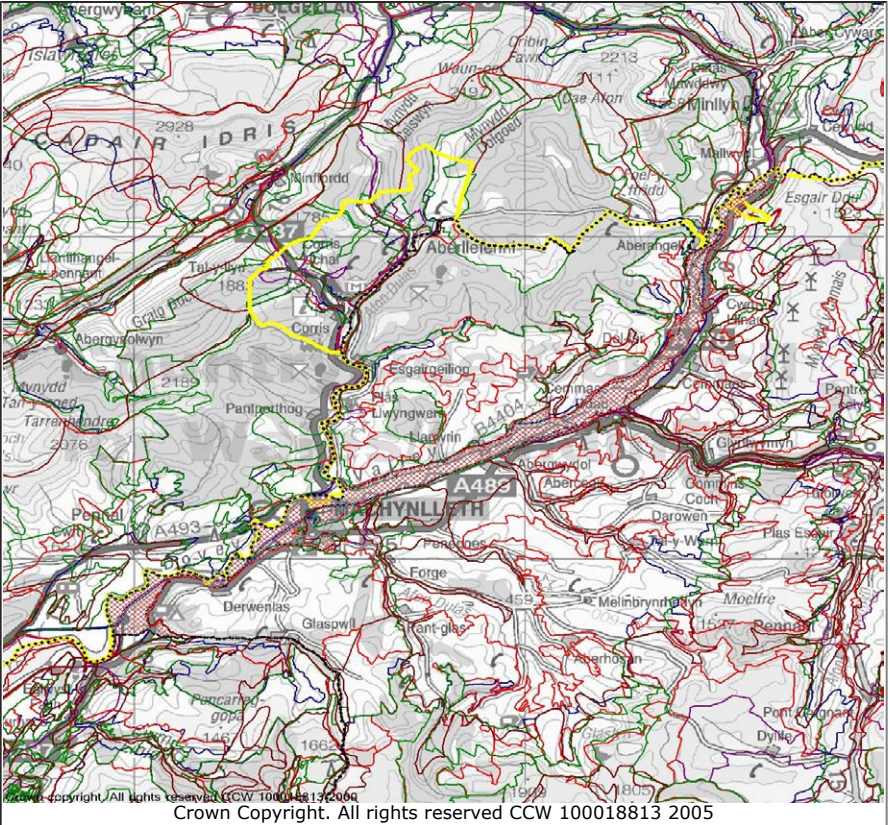
Aspect Area Classification

Lowland/Flat Lowland/Levels/Flat Open Lowland Farmland (Level 3)

Aspect Area Code

MNTGMVS673

Date Of Survey : 19/02/2004

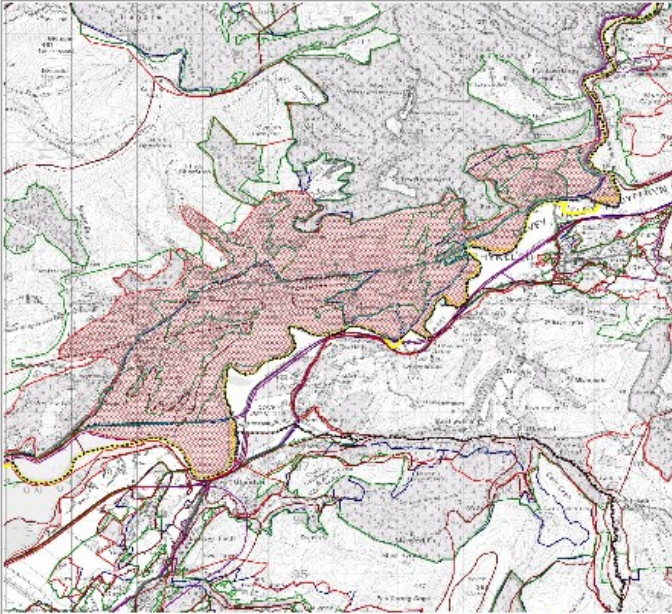


Monitoring	
Has the information ever been verified in the field?	Yes (N/A)
Does this area have a special or functional link with an adjacent area?	Yes (Contains the River Dovey that acts as the principal water catchment areas for Montgomeryshire)
Description	
Summary Description	Flat open lowland farmland closely associated with the course of the River Dovey, regular small to medium scale field patterns predominantly livestock and dairy farming in a picturesque landscape setting with rolling farmland rising steeply to the north and southern upland moorlands and mountains. Safe, settled with a high proportion of domesticity in its cultivated field pattern and incidence of settlements. Contains the transport routes of the west coast rail line and the A487(T) and A489(T) meeting at Machynlleth and the A470 heading north in the upper valley
Physical Form And Elements: Topographic Form?	Levels
Physical Form And Elements: Landcover Pattern?	Field Pattern/Mosaic
Physical form and elements: Settlement pattern	Mixture
Physical form and elements: Boundary type	Managed Hedge
Aesthetic Qualities: Scale?	Large
Aesthetic Qualities: Sense of Enclosure?	Enclosed
Aesthetic Qualities: Diversity?	Simple
Aesthetic Qualities: Texture?	Medium
Aesthetic Qualities: Lines?	Straight
Aesthetic Qualities: Colour?	Moderate Contrasts
Aesthetic Qualities: Balance?	Balanced
Aesthetic Qualities: Unity?	Neutral
Aesthetic Qualities: Pattern?	Organised
Aesthetic Qualities: Seasonal Interest?	Mixed
Other Factors: Level of Human Access?	Frequent
Other Factors: Night Time Light Pollution?	Moderate
Other Factors: Use of Construction Materials?	Generally Appropriate

<http://test.landmap.ccw.gov.uk/...ndedResults.aspx?filter=VS|MNTGMVS673&MapCollectionName=LandMap&Layer01=VS;MNTGMVS673>[18/02/2016 16:03:57]

What materials? Give Details:	Stone and slate in older settlements and buildings a range of boundary types depending on local availability of materials - some stone walling and limited use of slate fencing to the north of the aspect
There are attractive views...	...both in and out (N/A)
There are detractive views...	...neither in or out (N/A)
Perceptual and Other Sensory Qualities	Attractive Noisy (In relation to traffic flow on the A470, A489, A487) Sheltered Safe Settled
What is the sense of place/local distinctiveness	Strong (N/A)
Evaluation	
Value:	High (N/A)
Condition:	Unassessed
Trend:	Unassessed
Recommendations	
Existing management	Generally Appropriate
Existing management remarks:	Small to medium scale livestock farming with well enclosed field pattern with hedgerow boundaries
Principal management recommendation:	Maintain as existing
Guideline	Medium Term (Encourage adoption/proliferation of traditional farming techniques - Hedge laying, vernacular style stone walling) Medium Term (Limit intrusive developments out of keeping with small scale scattered developments such as caravan parks)
Define the key qualities that should be conserved:	Small to medium scale traditional farmed landscape with irregular field sizes and well defined boundaries
Define the key qualities that should be enhanced:	Hedgerow Boundaries
Define the key qualities that should be changed:	Limit expansion or diversification to recreational developments - all new development should be carefully integrated into the existing landscape fabric - small scale, dispersed, fit into existing field patterns and respect landform - use of local materials
Define the key elements that should be conserved:	Mixed boundary types
Define the key elements that should be enhanced:	Hedgerow boundaries throughout the aspect and provision of mixed woodland patches or grouped trees
Define the key elements that should be changed:	N/A
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the visual & sensory features of the area?	Not known
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	Other (Aerial Photographs and OS Data)
If OS Data was used, what was the scale?	1:10,000 and 1:25,000
What is the justification for the Aspect Area boundaries?	Landform
Bibliography	
List the key sources used for this assessment	Montgomeryshire Landscape Assessment(1992)
Evaluation Matrix	
Evaluation Criteria: Scenic quality	High (Hedgerow boundaries throughout the aspect)
Evaluation Criteria: Integrity	Moderate (Suffers from regular traffic flow and development in association with larger settlements)
Evaluation Criteria: Character	High (N/A)
Evaluation Criteria: Rarity	Rare (N/A)
Evaluation Criteria: Overall Evaluation	High (N/A)
Justification of overall evaluation	Of high picturesque quality in its association with the meandering form of the River Dovey and its context within a greater valley formation that is bounded by highly picturesque rising upland and the SNP to the north = High

Assessment	
Additional Assessments	N/A
Additional Comments	

Visual and Sensory		
Aspect Area Name	Pennal	
Aspect Area Classification	Lowland/Lowland Valleys/Open Lowland Valleys (Level 3)	
Aspect Area Code	SNPVS011	
<div>Date Of Survey : 31/08/2001</div> <div>  </div> <div>Crown Copyright. All rights reserved CCW 100018813 2005</div>		

Description

Physical Form And Elements: Topographic Form?	Hills/Valleys
Physical Form And Elements: Landcover Pattern?	Field Pattern/Mosaic
Aesthetic Qualities: Scale?	Medium
Aesthetic Qualities: Sense of Enclosure?	Enclosed
Aesthetic Qualities: Diversity?	Diverse
Aesthetic Qualities: Texture?	Medium
Aesthetic Qualities: Lines?	Angular
Aesthetic Qualities: Colour?	Muted
Aesthetic Qualities: Balance?	Balanced
Aesthetic Qualities: Unity?	Unity
Aesthetic Qualities: Pattern?	Organised
Aesthetic Qualities: Seasonal Interest?	None
Other Factors: Level of Human Access?	Frequent
Other Factors: Night Time Light Pollution?	Slight (small village)
Other Factors: Use of Construction Materials?	Generally Appropriate
What materials? Give Details:	n/a
There are attractive views...	...both in and out (valley and hills)
There are detractive views...	...neither in or out (n/a)
Perceptual and Other Sensory Qualities	Settled (pleasant, comfortable)
What is the sense of place/local distinctiveness	Moderate (n/a)

Evaluation

Value:	High (n/a)
Condition:	Good (n/a)
Trend:	Unassessed

Recommendations

Define the key qualities that should be conserved:	pattern
Define the key qualities that should be enhanced:	patern
Define the key qualities that should be changed:	n/a
Define the key elements that should be conserved:	fields/woodland clumps
Define the key elements that should be enhanced:	n/a
Define the key elements that should be changed:	n/a
Principal management recommendation:	conserve as existing.

Tolerance To Change

Are there any significant threats to the current integrity and condition of the visual & sensory features of the area?	Not known
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Aspect Area Boundary

To what level was this information site-surveyed?	Individual Site
At 1:10,000, how much of the Aspect Area boundary is precise?	Most
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:25,000
What is the justification for the Aspect Area boundaries?	landform and landcover pattern

Bibliography

List the key sources used for this assessment	n/a
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Assessment

Additional Assessments	n/a
Additional Comments	n/a

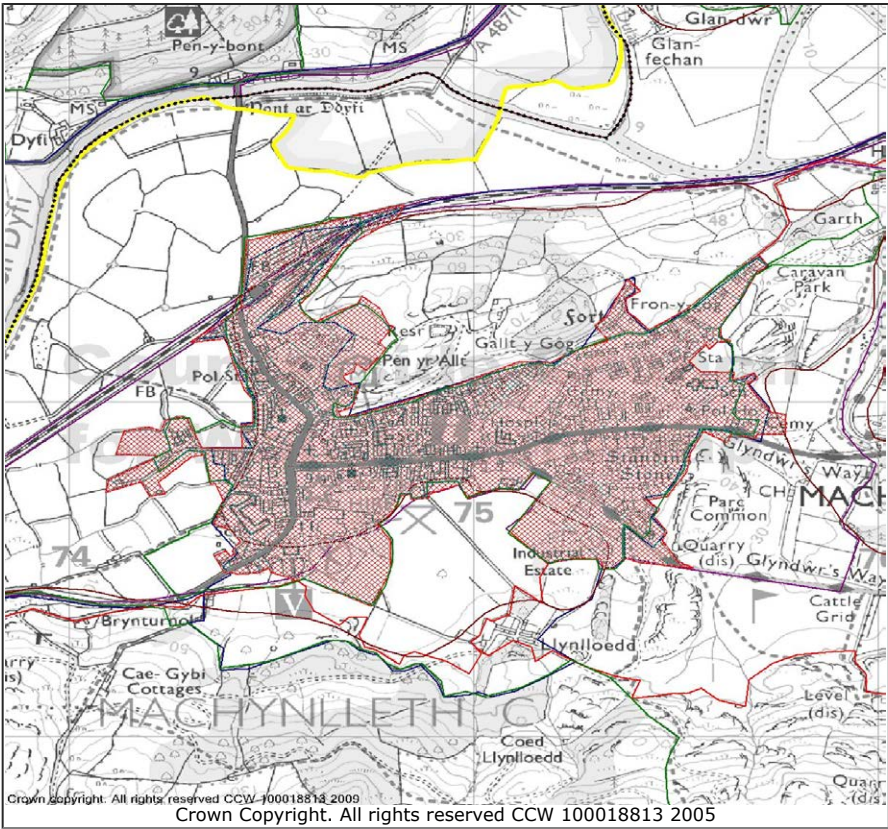
Evaluation Matrix

Evaluation Criteria: Overall Evaluation	High (generally intact/unspoilt pastoral landscape centred on meandering course of the river dovey) integrity and character both important criteria for this aspect area and therefore sufficient to warrant
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Justification of overall evaluation	Integrity and character both important criteria for this aspect area and therefore consistent to remain overall high
Evaluation Criteria: Scenic quality	Moderate (n/a)
Evaluation Criteria: Integrity	High (generally unspoilt eg A493)
Evaluation Criteria: Character	High (moderate sense of place and high visual unity)
Evaluation Criteria: Rarity	Moderate (n/a)
Description	
Summary Description	gently undulating attractive pastoral landscape with clump of woodland, field boundaries post & wire fences with some stone walls. Pennal small village with traditional / picturesque quality. Meandering river Dovey adds sense of place. only visual detractor telecom mast
Physical form and elements: Settlement pattern	Village
Physical form and elements: Boundary type	Fences
Recommendations	
Guideline	
Existing management	Beneficial
Existing management remarks:	agriculture 8/10
Monitoring	
Has the information ever been verified in the field?	Yes (1:25000)
Does this area have a special or functional link with an adjacent area?	No
Date of monitoring?	2015-02-06
Monitoring undertaken by	Stages 1, 2 and 3 change detection, field verification and amendment completed by White Consultants, in conjunction with the planning authority. Quality Assurance completed by Land Use Consultants.
Has this record has been updated following monitoring work?	

Visual and Sensory

Aspect Area Name	Machynlleth
Aspect Area Classification	Development/Built Land/Urban (Level 3)
Aspect Area Code	MNTGMVS543
Date Of Survey	19/02/2004



Monitoring

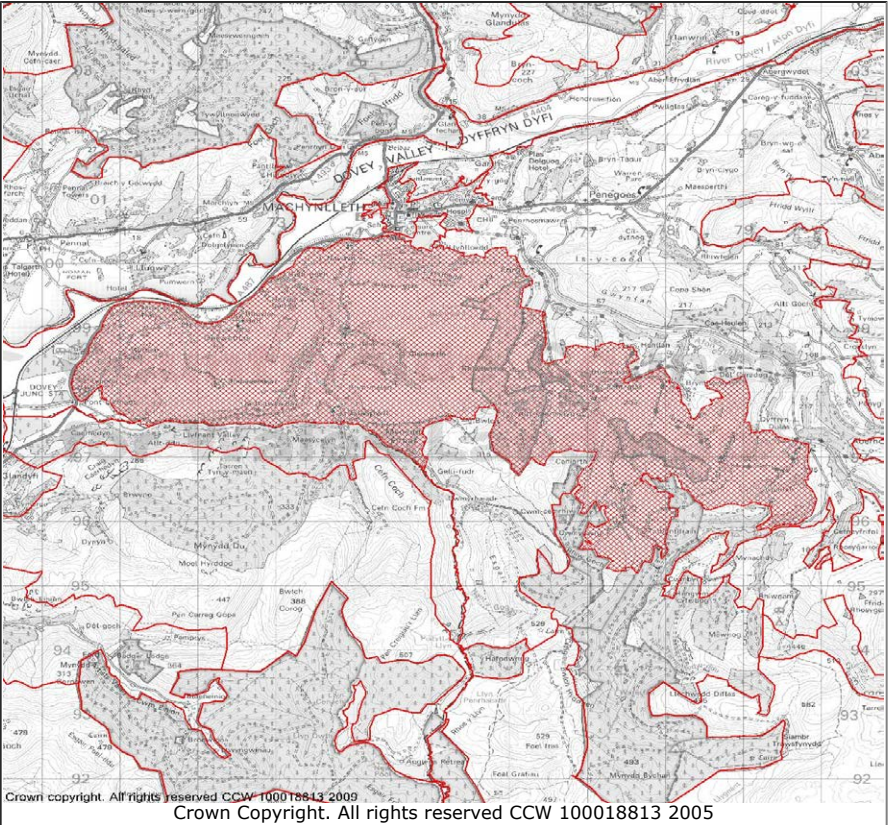
Has the information ever been verified in the field?	Yes (N/A)
Does this area have a special or functional link with an adjacent area?	Yes (Principal settlement of the Dovey Valley and junction of the A489 and A487)

Description

Summary Description	A traditional largely stone built town and focal settlement/historic commercial centre for the surrounding farming and slate industries. Historic town centre with a fine array of stone/slate and rendered/painted buildings of high quality. The main street is still the key distribution and focal point of the town with a fine clock tower standing at the junction of the A487 and A489. Modern development has been kept to the outskirts of the town and although not of particularly high quality it is relatively small in scale and does not detract from the picturesque quality of the town centre. Industrial development is also limited with the key units being small in scale and well screened from the A487. The town lies within a highly picturesque valley setting and borrows from the high aesthetic qualities of its surroundings including the well wooded Sessile oak scarps to the south and the small scale rock outcrops and bracken upland to the immediate north
Physical Form And Elements: Topographic Form?	Levels
Physical Form And Elements: Landcover Pattern?	Development
Physical form and elements: Settlement pattern	Urban
Physical form and elements: Boundary type	Stone Walls
Aesthetic Qualities: Scale?	Medium
Aesthetic Qualities: Sense of Enclosure?	Enclosed
Aesthetic Qualities: Diversity?	Diverse
Aesthetic Qualities: Texture?	Coarse
Aesthetic Qualities: Lines?	Straight
Aesthetic Qualities: Colour?	Strong Contrasts
Aesthetic Qualities: Balance?	Balanced
Aesthetic Qualities: Unity?	Unity
Aesthetic Qualities: Pattern?	Organised
Aesthetic Qualities: Seasonal Interest?	None

Other Factors: Level of Human Access?	Constant
Other Factors: Night Time Light Pollution?	Moderate
Other Factors: Use of Construction Materials?	Generally Appropriate
What materials? Give Details:	Stone and slate with some rendered and painted buildings on the main street providing highlight
There are attractive views...	...both in and out (Traditional historic town centre in a stunning landscape valley setting)
There are detractive views...	...within (Limited but some detractive views in comparison with the town centre of modern cul-de-sac development and run down housing on the minor roads leaving the main town to Forge and the eastbound A489)
Perceptual and Other Sensory Qualities	Attractive Settled Other (Historic, strong sense of place and proximity to SNP)
What is the sense of place/local distinctiveness	Strong (Historic town setting, fine quality of architecture and close proximity to stunning landscape setting of Dovey Valley and SNP)
Evaluation	
Value:	High (Historic town setting, fine quality of architecture and close proximity to stunning landscape setting of Dovey Valley and SNP)
Condition:	Unassessed
Trend:	Unassessed
Recommendations	
Existing management	Unassessed
Existing management remarks:	N/A
Principal management recommendation:	Ensure new residential and commercial development is in keeping with historic town core and landscape setting, encourage continued use of traditional materials - stone and slate and vernacular detailing. Discourage cul-de-sac or greater than two storey development - both would be out of keeping with the existing landscape setting and architectural styles
Guideline	
Define the key qualities that should be conserved:	Historic town core and character
Define the key qualities that should be enhanced:	Modern edge of town development
Define the key qualities that should be changed:	Discourage further out of town development - this should be small in scale and use of traditional materials should be employed
Define the key elements that should be conserved:	Character of the main street - mixture of fine stone and rendered traditional style buildings
Define the key elements that should be enhanced:	Edge of town developments - introduce the quality of the town centre
Define the key elements that should be changed:	Ensure further out of town / edge of town development is carefully scrutinised for landscape and architectural fit
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the visual & sensory features of the area?	Not known
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	Aerial photographs
If OS Data was used, what was the scale?	1:10,000 and 1:25,000
What is the justification for the Aspect Area boundaries?	settlement edge
Bibliography	
List the key sources used for this assessment	Montgomeryshire Landscape Assessment (1992)
Evaluation Matrix	
Evaluation Criteria: Scenic quality	High (Historic town setting, fine quality of architecture and close proximity to stunning landscape setting of Dovey Valley and SNP)
Evaluation Criteria: Integrity	Moderate (Some degradation through edge of town residential cul-de-sac / estate development)

Evaluation Criteria: Character	Outstanding (Strong visual unity and high quality of architectural feature and style very strong sense of place)
Evaluation Criteria: Rarity	Rare (Settlement very reminiscent of predominantly stone built towns of the SNP and Gwynedd - relatively unusual in Montgomeryshire)
Evaluation Criteria: Overall Evaluation	High (N/A)
Justification of overall evaluation	Strong visual unity and high quality of architectural feature and style very strong sense of place and historic town setting, in close proximity to stunning landscape setting of Dovey Valley and SNP, however some degradation through edge of town residential cul-de-sac / estate development = High
Assessment	
Additional Assessments	N/A
Additional Comments	

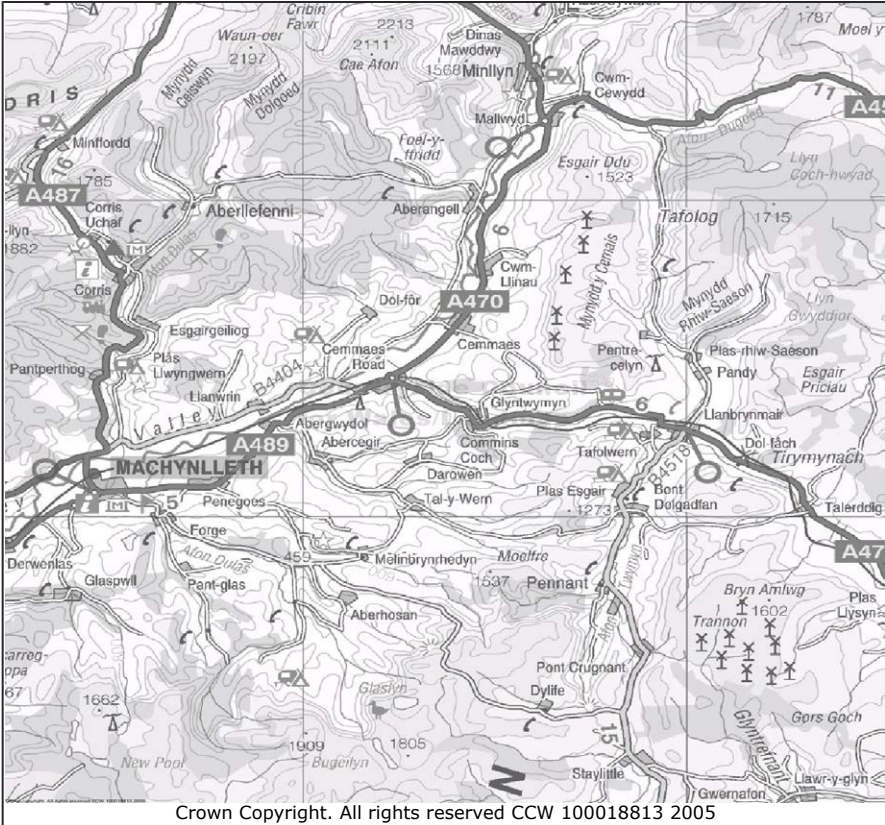
Visual and Sensory	
Aspect Area Name	Machynlleth Wooded Hillsides
Aspect Area Classification	Upland/Hills, Lower Plateau & Scarp Slopes/Wooded Hillside& Scarp Slopes (Level 3)
Aspect Area Code	MNTGMVS738
Date Of Survey : 19/02/2004	
	

Monitoring	
Has the information ever been verified in the field?	Yes (N/A)
Does this area have a special or functional link with an adjacent area?	Yes (Visual link with the River Dovey floodplain)
Description	
Summary Description	An undulating hillside landscape forming part of the transitional scarp slopes falling form the south towards the Dovey floodplain. Wide range of vegetation cover - scattered grouped broadleaf trees are a typical feature to the west of the aspect. Open extensive and marginal livestock farming - rough grazing,bracken and heather scrub with frequent outcrops of rock lying dramatically across the landscape, field patterns become more dominant to the east of the aspect and closely follow the landform. Settled but marginal land - on the edge of wilderness.
Physical Form And Elements: Topographic Form?	Rolling/Undulating
Physical Form And Elements: Landcover Pattern?	Mixture
Physical form and elements: Settlement pattern	Scattered Rural/Farm
Physical form and elements: Boundary type	Mixture
Aesthetic Qualities: Scale?	Medium
Aesthetic Qualities: Sense of Enclosure?	Open
Aesthetic Qualities: Diversity?	Diverse
Aesthetic Qualities: Texture?	Coarse
Aesthetic Qualities: Lines?	Curved
Aesthetic Qualities: Colour?	Moderate Contrasts
Aesthetic Qualities: Balance?	Balanced
Aesthetic Qualities: Unity?	Unity
Aesthetic Qualities: Pattern?	Organised
Aesthetic Qualities: Seasonal Interest?	Mixed
Other Factors: Level of Human Access?	Infrequent
Other Factors: Night Time Light Pollution?	Negligible (N/A)
Other Factors: Use of Construction Materials?	Generally Appropriate
What materials? Give Details:	Some stone walling and stone and slate used as building materials in older buildings
There are attractive views...	...both in and out

There are detractive views...	...neither in or out
Perceptual and Other Sensory Qualities	Attractive Exposed Remote Settled Wild
What is the sense of place/local distinctiveness	Strong (N/A)
Evaluation	
Value:	High (N/A)
Condition:	Unassessed
Trend:	Unassessed
Recommendations	
Existing management	Generally Appropriate
Existing management remarks:	Marginal grazing land some small woodland blocks
Principal management recommendation:	Maintain as existing
Guideline	
Define the key qualities that should be conserved:	Open aspect and diverse range of vegetation cover
Define the key qualities that should be enhanced:	Incidence of individual and grouped trees within marginal rough grazing
Define the key qualities that should be changed:	Limit expansion of new residential rural development out of keeping with the local traditional styles and materials
Define the key elements that should be conserved:	incidental trees overlying rock outcrops and marginal grazing land
Define the key elements that should be enhanced:	Strengthen hedgerow boundaries to east of aspect and small parcels of mixed oak and beech woodland
Define the key elements that should be changed:	N/A
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the visual & sensory features of the area?	Not known
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	Other (OS Data and aerial photographs)
If OS Data was used, what was the scale?	1:10,000 and 1:25,000
What is the justification for the Aspect Area boundaries?	Landform and vegetation cover
Bibliography	
List the key sources used for this assessment	Montgomeryshire Landscape Assessment (1992)
Evaluation Matrix	
Evaluation Criteria: Scenic quality	High (N/A)
Evaluation Criteria: Integrity	Moderate (Some degradation through large single dwelling residential developments out of keeping with existng character)
Evaluation Criteria: Character	High (N/A)
Evaluation Criteria: Rarity	Rare (N/A)
Evaluation Criteria: Overall Evaluation	High (N/A)
Justification of overall evaluation	Diverse range of vegetation cover and rock exposure with marginal farming that lends greatly to the aesthetic appeal of the landscape setting - extensive views available over the Dovey Valley and to the rising upland to the north = High
Assessment	
Additional Assessments	N/A
Additional Comments	

Visual and Sensory

Aspect Area Name	Dyfi Valley Catchment
Aspect Area Classification	Lowland/Lowland Valleys/Mosaic Lowland Valleys (Level 3)
Aspect Area Code	MNTGMVS276
Date Of Survey	19/02/2004



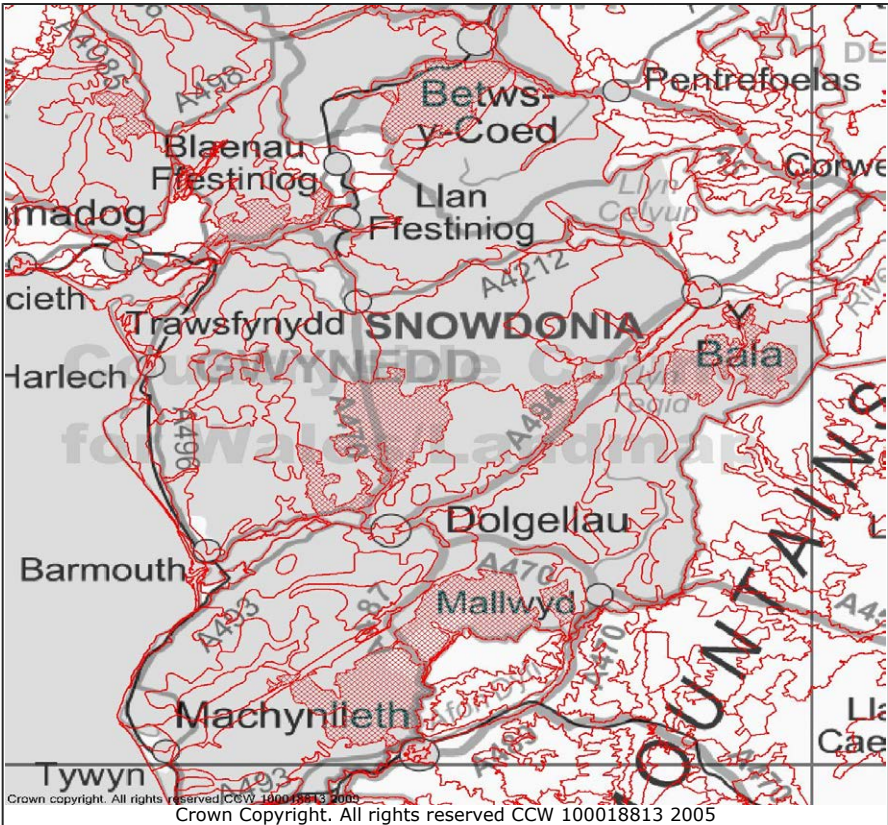
Description

Physical Form And Elements: Topographic Form?	Rolling/Undulating
Physical Form And Elements: Landcover Pattern?	Field Pattern/Mosaic
Aesthetic Qualities: Scale?	Large
Aesthetic Qualities: Sense of Enclosure?	Open
Aesthetic Qualities: Diversity?	Diverse
Aesthetic Qualities: Texture?	Medium
Aesthetic Qualities: Lines?	Curved
Aesthetic Qualities: Colour?	Moderate Contrasts
Aesthetic Qualities: Balance?	Harmonious
Aesthetic Qualities: Unity?	Unity
Aesthetic Qualities: Pattern?	Organised
Aesthetic Qualities: Seasonal Interest?	Mixed
Other Factors: Level of Human Access?	Infrequent
Other Factors: Night Time Light Pollution?	Slight (Some light pollution adjacent to the larger settlements such as Machynlleth but generally limited)
Other Factors: Use of Construction Materials?	Generally Appropriate
What materials? Give Details:	Stone and slate for older settlements and developments, mixed boundary types that reflect local availability of materials, stone walling limited and isolated use of slate fencing to the north of the area
There are attractive views...	...both in and out (N/A)
There are detractive views...	...neither in or out (N/A)
Perceptual and Other Sensory Qualities	Attractive Safe Settled Wild (In respect to the views out of the aspect and the proximity of marginal upland grazing at the edges of the aspect) Spiritual (Presence of upland rising to the north and south)
What is the sense of place/local distinctiveness	Strong (N/A)

Evaluation

Value:	High
Condition:	Unassessed
Trend:	Unassessed
Recommendations	
Define the key qualities that should be conserved:	Traditionally farmed landscape with high incidence of grouped trees and mixed oak woodland parcels
Define the key qualities that should be enhanced:	Incidence of mixed woodland parcels
Define the key qualities that should be changed:	Limit expansion or diversification to forestry planting and recreational developments - all new development should be carefully integrated into the existig landscape fabric - small scale, dispersed, fit into existing field patterns and respect landform - use of local materials
Define the key elements that should be conserved:	Mixed boundary types and diverse range of vegetation cover
Define the key elements that should be enhanced:	Hedgerow boundaries throughout the aspect and mixed oak woodland parcels in upper valley areas
Define the key elements that should be changed:	N/A
Principal management recommendation:	Maintain as existing
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the visual & sensory features of the area?	Not known
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	Other (Aerial photographs and OS Data)
If OS Data was used, what was the scale?	1:10,000 and 1:25,000
What is the justification for the Aspect Area boundaries?	Landform, landuse and vegetation cover
Bibliography	
List the key sources used for this assessment	Montgomeryshire Landscape Assessment (1992)
Assessment	
Additional Assessments	N/A
Additional Comments	N/A
Evaluation Matrix	
Evaluation Criteria: Overall Evaluation	High (N/A)
Justification of overall evaluation	Settled safe, and domestic in scale the traditional farmed elements make a stunning foreground for the picturesque hill and mountainscape of the SNP and the River Dovey = High .
Evaluation Criteria: Scenic quality	High (N/A)
Evaluation Criteria: Integrity	High (N/A)
Evaluation Criteria: Character	High (N/A)
Evaluation Criteria: Rarity	Moderate (N/A)
Description	
Summary Description	A very extensive network of valleys containing tributaries leading into the River Dyfi. The area has a dramatic backdrop to the south with the underlying landform falling from the upland moorlands of the Trannon and Plinlimon moors. To the north views are over a picturesque traditionally farmed landscape edged by sporadic rock exposure and marginal grazing land facing onto the meandering Dovey Valley and with a northerly backdrop of steeply rising upland and the edge of SNP. Settled safe, and domestic in scale the traditional farmed elements make a stunning foreground for the picturesque hill and mountainscape of the SNP. There are frequent views of Cemmaes turbines which are detractors on the skyline from the A44 road.
Physical form and elements: Settlement pattern	Mixture
Physical form and elements: Boundary type	Mixture
Recommendations	
	Medium Term (Encourage adoption/proliferation of traditional farming techniques - Hedge laying, vernacular style

Guideline	stone walling. The introduction of further wind turbines into the adjacent landscape will need careful consideration with regards to the capacity of the landscape to accommodate that wind energy and the type and style of the turbine.) Long Term (Limit intrusive single species forestry plantation on upper slopes - should follow landforms,be diverse in species and of relatively small scale.)
Existing management	Generally Appropriate
Existing management remarks:	Small scale extensive traditional farming practices, irregular field patterns and weakly enclosed marginal grazing where landform begins to steeply rise to the south
Monitoring	
Has the information ever been verified in the field?	Yes (N/A)
Does this area have a special or functional link with an adjacent area?	Yes (Strong functional link as the water catchment area for the River Dyfi)
During which season(s) was fieldwork carried out?	Summer
Date of monitoring?	2015-01-28
Monitoring undertaken by	Stages 1, 2 and 3 change detection, field verification and amendment completed by Simon White of White Consultants in conjunction with the local planning authority.
Has this record has been updated following monitoring work?	This record has been updated following monitoring work, there was a real change in the aspect area
Change indicated by	Fieldwork
What has changed?	

Visual and Sensory	
Aspect Area Name	Conifer plantation
Aspect Area Classification	Upland/Hills, Lower Plateau & Scarp Slopes/Wooded Hillside& Scarp Slopes (Level 3)
Aspect Area Code	SNPVS012
Date Of Survey : 31/08/2001	
	

Monitoring	
Has the information ever been verified in the field?	Yes (1:25000)
Does this area have a special or functional link with an adjacent area?	No

Description	
Summary Description	Dense coniferous forest on upper valley side and hills. Tourist / visitors focal points include car parks, picnic sites of forest trails. Predominantly geometric shape with sharp coniferous edge.
Physical Form And Elements: Topographic Form?	High Hills/Mountains
Physical Form And Elements: Landcover Pattern?	Woodland
Physical form and elements: Settlement pattern	No settlements
Physical form and elements: Boundary type	None
Aesthetic Qualities: Scale?	Large
Aesthetic Qualities: Sense of Enclosure?	Confined
Aesthetic Qualities: Diversity?	Uniform
Aesthetic Qualities: Texture?	Coarse
Aesthetic Qualities: Lines?	Angular
Aesthetic Qualities: Colour?	Muted
Aesthetic Qualities: Balance?	Balanced
Aesthetic Qualities: Unity?	Neutral
Aesthetic Qualities: Pattern?	Organised
Aesthetic Qualities: Seasonal Interest?	None
Other Factors: Level of Human Access?	Occasional
Other Factors: Night Time Light Pollution?	Negligible (n/a)
Other Factors: Use of Construction Materials?	Generally Appropriate
What materials? Give Details:	n/a
There are attractive views...	...neither in or out (n/a)
There are detractive views...	...neither in or out (n/a)
Perceptual and Other Sensory Qualities	Sheltered (n/a)
What is the sense of place/local distinctiveness	Strong (n/a)

Evaluation	
Value:	Moderate (n/a)
Condition:	Fair (n/a)
Trend:	Unassessed
Recommendations	
Existing management	Neutral
Existing management remarks:	forestry
Principal management recommendation:	conserve as existing
Guideline	Immediate (soften coniferous plantation edge - felling / broadleaf planting)
Define the key qualities that should be conserved:	n/a
Define the key qualities that should be enhanced:	n/a
Define the key qualities that should be changed:	n/a
Define the key elements that should be conserved:	n/a
Define the key elements that should be enhanced:	n/a
Define the key elements that should be changed:	n/a
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the visual & sensory features of the area?	Not known
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:25,000
What is the justification for the Aspect Area boundaries?	landform/cover
Bibliography	
List the key sources used for this assessment	n/a
Evaluation Matrix	
Evaluation Criteria: Scenic quality	Low (views contained)
Evaluation Criteria: Integrity	High (few detractors)
Evaluation Criteria: Character	High (strong sense of place and visual unity)
Evaluation Criteria: Rarity	Commonplace (n/a)
Evaluation Criteria: Overall Evaluation	Moderate (n/a)
Justification of overall evaluation	2 high and 2 low =moderate as no individual criteria adjudged to be more relevant to this aspect area
Assessment	
Additional Assessments	n/a
Additional Comments	

Visual and Sensory

Aspect Area Name

Mynydd Pant Coch Hillside

Aspect Area Classification

Upland/Hills, Lower Plateau & Scarp Slopes/Hillside & Scarp Slopes Grazing (Level 3)

Aspect Area Code

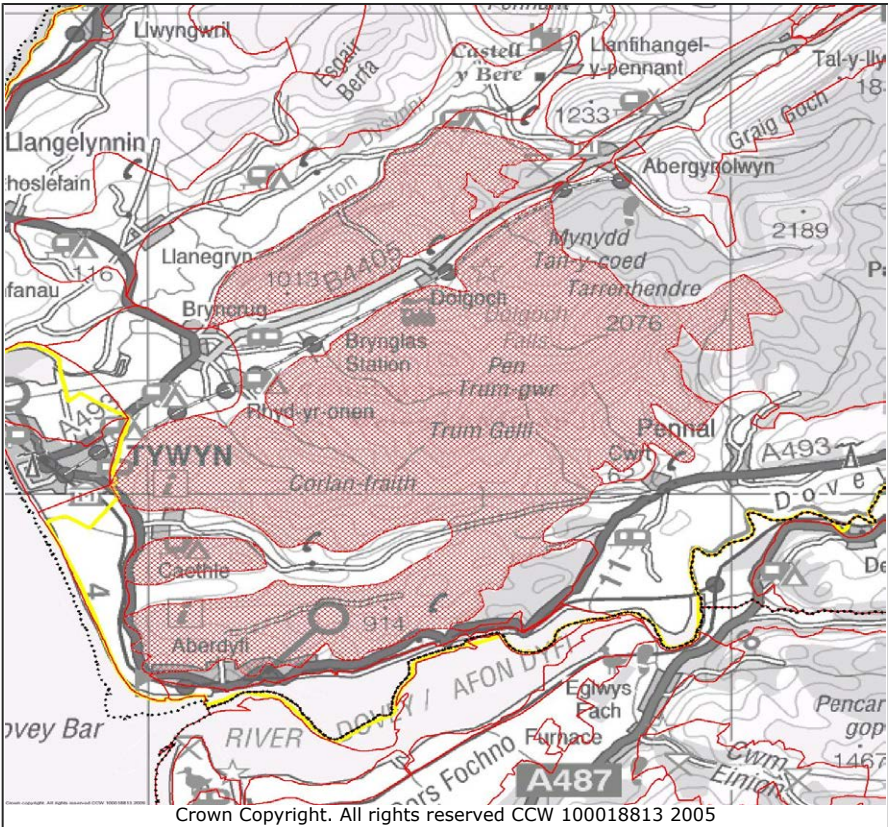
MNTGMVS916

Date Of Survey : 19/02/2004

Monitoring	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	Yes (Forms part of the Dovey Valley complex and water catchment area)
Description	
Summary Description	A weakly enclosed upland grazing landscape that closely relates to the undulating and rolling landform beneath. Rough / semi-improved grazing with frequent rock outcrops and isolated patches of mixed oak woodland clinging to the slopes. Clear views available to the south overlooking the Dovey Valley and the traditionally farmed and well enclosed landscape of the Machynlleth farmlands. The landscape character begins to transform into an exposed upland marginally farmed landscape in this aspect and as such has a more remote and wild quality to it.
Physical Form And Elements: Topographic Form?	Rolling/Undulating
Physical Form And Elements: Landcover Pattern?	Mixture
Physical form and elements: Settlement pattern	No settlements
Physical form and elements: Boundary type	Mixture
Aesthetic Qualities: Scale?	Large
Aesthetic Qualities: Sense of Enclosure?	Open
Aesthetic Qualities: Diversity?	Simple
Aesthetic Qualities: Texture?	Coarse
Aesthetic Qualities: Lines?	Curved
Aesthetic Qualities: Colour?	Moderate Contrasts
Aesthetic Qualities: Balance?	Balanced
Aesthetic Qualities: Unity?	Neutral
Aesthetic Qualities: Pattern?	Organised
Aesthetic Qualities: Seasonal Interest?	None
Other Factors: Level of Human Access?	Occasional
Other Factors: Night Time Light Pollution?	Slight (From the valley floor settlements)
Other Factors: Use of Construction Materials?	Generally Appropriate
What materials? Give Details:	Stone and slate with boundary types ranging from limited use of stone walling and some occurrences of slate fencing and post and wire fencing

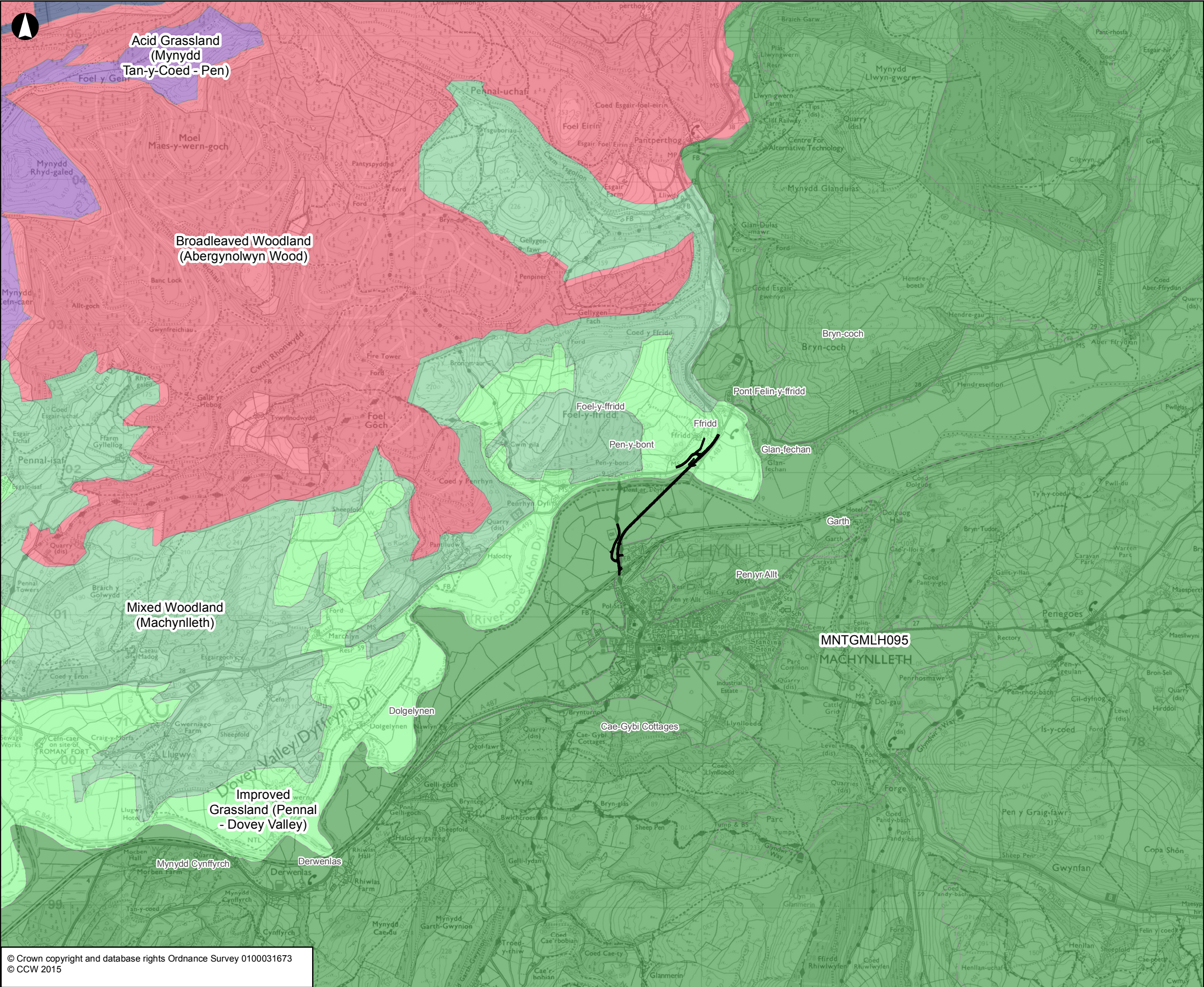
http://test.landmap.ccw.gov.uk/...ndedResults.aspx?filter=VS|MNTGMVS916&MapCollectionName=LandMap&Layer01=VS;MNTGMVS916[29/02/2016 15:06:30]

There are attractive views...	...both in and out (N/A)
There are detractive views...	...neither in or out (N/A)
Perceptual and Other Sensory Qualities	Attractive Exposed Remote Wild
What is the sense of place/local distinctiveness	Strong (N/A)
Evaluation	
Value:	High (N/A)
Condition:	Unassessed
Trend:	Unassessed
Recommendations	
Existing management	Generally Appropriate
Existing management remarks:	Open upland marginal farming, semi improved and unimproved grazing with bracken and gorse scrub in places
Principal management recommendation:	Maintain as existing
Guideline	Medium Term (Encourage/proliferate use of traditional farming techniques - stone walling in the vernacular style, hedge laying where appropriate etc) Medium Term (Increase proportion of mixed oak/beech woodland stands in valleys/lower lying areas)
Define the key qualities that should be conserved:	Open marginal grazing practices
Define the key qualities that should be enhanced:	Tree cover
Define the key qualities that should be changed:	Safeguard against intrusive recreational - caravan park development and afforestation
Define the key elements that should be conserved:	Mixture of boundary types
Define the key elements that should be enhanced:	Tree cover - improving incidence of mixed woodland patches and strengthening hedgerow boundaries in lower lying areas - stone walling in higher
Define the key elements that should be changed:	N/A
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the visual & sensory features of the area?	Not known
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	Other (Aerial photographs and OS Data)
If OS Data was used, what was the scale?	1:10,000 and 1:25,000
What is the justification for the Aspect Area boundaries?	Landform and land use
Bibliography	
List the key sources used for this assessment	Montgomeryshire Landscape Assessment (1992)
Evaluation Matrix	
Evaluation Criteria: Scenic quality	High (N/A)
Evaluation Criteria: Integrity	High (N/A)
Evaluation Criteria: Character	High (N/A)
Evaluation Criteria: Rarity	Representative (N/A)
Evaluation Criteria: Overall Evaluation	High (N/A)
Justification of overall evaluation	Should be read as an integral part of the Dovey Valley complex and is of high aesthetic quality, also acts as the transitional landform approaching the SNP = High
Assessment	
Additional Assessments	N/A
Additional Comments	

Visual and Sensory	
Aspect Area Name	Trum Gelli/coastal upland
Aspect Area Classification	Upland/Exposed Upland/Plateau/Upland Grazing (Level 3)
Aspect Area Code	SNPVS009
Date Of Survey : 31/08/2001	
	
Description	
Physical Form And Elements: Topographic Form?	High Hills/Mountains
Physical Form And Elements: Landcover Pattern?	Open Land
Aesthetic Qualities: Scale?	Large
Aesthetic Qualities: Sense of Enclosure?	Exposed
Aesthetic Qualities: Diversity?	Simple
Aesthetic Qualities: Texture?	Mixture
Aesthetic Qualities: Lines?	Curved
Aesthetic Qualities: Colour?	Muted
Aesthetic Qualities: Balance?	Balanced
Aesthetic Qualities: Unity?	Unity
Aesthetic Qualities: Pattern?	Random
Aesthetic Qualities: Seasonal Interest?	None
Other Factors: Level of Human Access?	Occasional
Other Factors: Night Time Light Pollution?	Negligible (n/a)
Other Factors: Use of Construction Materials?	Generally Appropriate
What materials? Give Details:	n/a
There are attractive views...	...both in and out (uplands/coast)
There are detractive views...	...neither in or out (n/a)
Perceptual and Other Sensory Qualities	Exposed Wild (n/a)
What is the sense of place/local distinctiveness	Moderate (upland feel with some coastal views and Birds Rock add to sense of place)
Evaluation	
Value:	High (n/a)
Condition:	Fair (n/a)
Trend:	Unassessed
Recommendations	

Define the key qualities that should be conserved:	open
Define the key qualities that should be enhanced:	open
Define the key qualities that should be changed:	n/a
Define the key elements that should be conserved:	rough grazing
Define the key elements that should be enhanced:	n/a
Define the key elements that should be changed:	n/a
Principal management recommendation:	conserve as existing
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the visual & sensory features of the area?	
	Not known
Aspect Area Boundary	
To what level was this information site-surveyed?	
	Individual Site
At 1:10,000, how much of the Aspect Area boundary is precise?	Most
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:25,000
What is the justification for the Aspect Area boundaries?	upland landform/contour and land cover
Bibliography	
List the key sources used for this assessment	
	n/a
Assessment	
Additional Assessments	
	n/a
Additional Comments	
	n/a
Evaluation Matrix	
Evaluation Criteria: Overall Evaluation	
	High (largely unspoilt area of rolling upland hills, with impressive views out to the coast and inland to (north) to cadair idris)
Justification of overall evaluation	
	100% = high
Evaluation Criteria: Scenic quality	
	High (picturesque)
Evaluation Criteria: Integrity	
	High (largely unspoilt)
Evaluation Criteria: Character	
	High (moderate sense of place and high visual unity)
Evaluation Criteria: Rarity	
	High (n/a)
Description	
Summary Description	
	Rolling upland, rough grass / heath with few rocky outcrops, with cairns on prominent tops, land ranging generally from approximately 30 to 130m AOD, but prominent outlier of Birds Rock , at 258m AOD is a rugged rocky local focal point. several steeply incised stream valleys, crossed by rough tracks / paths, occasional dry stone walls. Impressive borrowed view to coast adds to sense of place & north east to Cadair Idris.
Physical form and elements: Settlement pattern	
	No settlements
Physical form and elements: Boundary type	
	Stone Walls
Recommendations	
Guideline	
Existing management	
	Unassessed
Existing management remarks:	
	n/a
Monitoring	
Has the information ever been verified in the field?	
	Yes (1:25000)
Does this area have a special or functional link with an adjacent area?	
	No
Date of monitoring?	
	2015-02-06
Monitoring undertaken by	
	Stages 1, 2 and 3 change detection, field verification and amendment completed by White Consultants, in

	conjunction with the planning authority.Quality Assurance completed by Land Use Consultants.
Has this record has been updated following monitoring work?	



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Legend

Proposed Scheme

MNTGMLH095

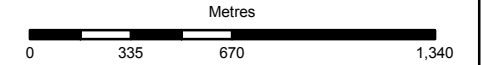
Acid Grassland (Mynydd Tan-y-Coed - Pen)

Broadleaved Woodland (Abergynolwyn Wood)

Improved Grassland / Bracken (Abergynol)

Improved Grassland (Pennal - Dovey Valley)

Mixed Woodland (Machynlleth)



P01.2	18/03/16	EB	BO	JP
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Rev	Date	By	Chkd	Appd
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ARUP

GRIFFITHS

civil engineering and construction

WHS

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Solihull B90 8AE
Tel +44 121 213 3000 Fax +44 121 213 3001
www.arup.com

Client

Llywodraeth Cymru
Welsh Government

Project Title
A487 New Dyfi Bridge

Drawing Title
Figure 8.2.2
LANDMAP - Landscape Habitats

Scale at A3	1:25,000
Role	Specialist Designer - Environmental
Suitability	S0 - Initial non-contractual
Arup Job No	244562-00
Rev	P01.2
Name	900237-ARP-ZZ-ZZ-DR-LX-00016

Landscape Habitats	
Aspect Area Name	
Aspect Area Classification	Dry (Relatively) Terrestrial Habitats/Grassland & Marsh/Improved Grassland (Level 3)
Aspect Area Code	MNTGMLH095
Date Of Survey : 19/09/2005	

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Monitoring	
Date of monitoring?	
Monitoring undertaken by	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	Yes (The valley feature continues outside the county boundary.)
What is the total land area within the boundary (in hectares)?	2141 ha
Description	
What are the dominant soil types? (specify up to 3 types)	Brown soils Ground-water gley soils
What Phase 1 habitat types are present? Only select the five most dominant types and, for each of these, specify below what percentage of the Aspect Area is made up of these.	Semi-natural Broadleaved Woodland (3) Improved Grassland (84) Bracken (2) Running Water (3) Buildings (2)
Does the area contain habitats of international importance?	No
Does the area contain BAP habitats?	Yes
If yes, which BAP habitats?	Ancient and/or Species Rich Hedgerows
Does the area contain protected sites?	Yes
If yes, which ones?	SSSI (part of a geological SSSI occurs in this area which is also within the Snowdonia National Park)
Approximately what proportion of the Aspect Area is within the protected site?	1-10%
Does the area support important species?	Yes
If yes, which species? (for each of the species, also note the source of information)	Brown Hare <i>Lepus europaeus</i> 2000 MWT Mammal Survey 2000-01 Linnet <i>Carduelis cannabina</i> 1988 COMMONS SURVEY 1988 Reed Bunting <i>Emberiza schoeniclus</i> 1995 Ad hoc records Spotted Flycatcher <i>Muscicapa striata</i> 1995 Ad hoc records Otter <i>Lutra lutra</i> 1989 CCW Montgomeryshire BAP Species Files Bullfinch <i>Pyrrhula pyrrhula</i> 1995 Ad hoc records Song Thrush <i>Turdus philomelos</i> 1998 MWT Summer Bird Survey 1998
Are there any significant threat species present in abundance? (Field visit required)	Not known
What other features significantly influence the	Streams

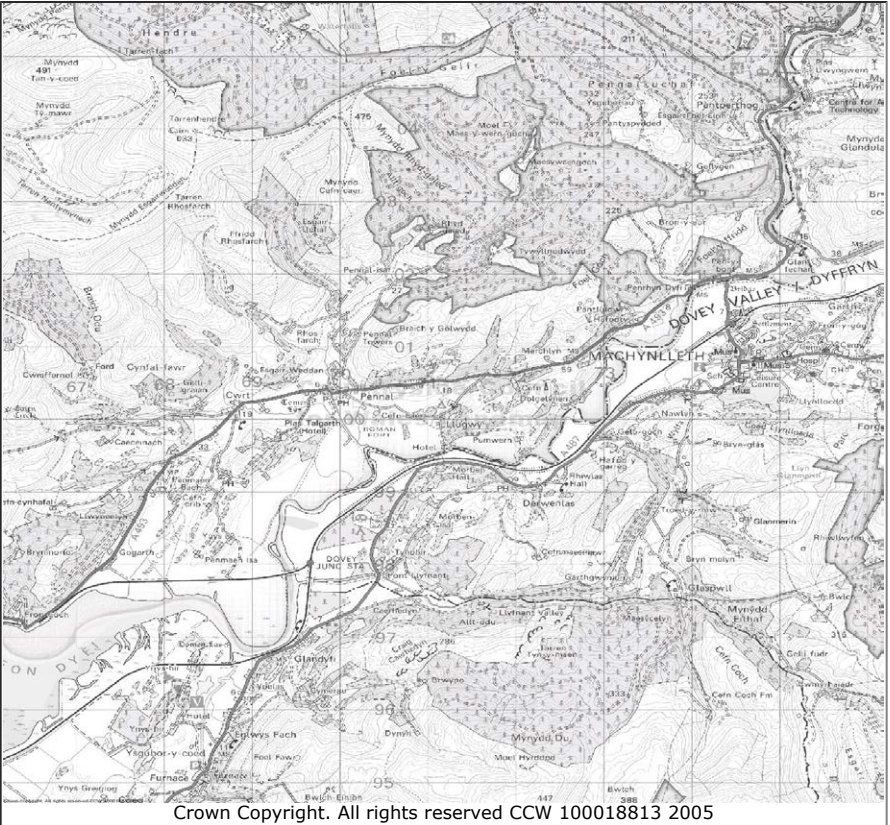
biodiversity in this area?	Hedgerows Veteran Trees
Are any of these features in a very good condition? (Field visit required)	
Are any of these features in a poor condition? (Field visit required)	
What are the main land management activities taking place in the area? (Field visit required)	Stock grazing Mowing
Do any of the above appear to have an appreciable positive impact on biodiversity? (Field visit required)	
Do any of the above appear to have an appreciable negative impact on biodiversity? (Field visit required)	
Is the biodiversity in the area in any way threatened?	Not known
Are there clear opportunities to improve the biodiversity aspect of this area?	Yes (Some of the hedges are not stockproof in their own right and would benefit by maintenance work and replanting of gaps)
Summarise the key features that define this area's biodiversity character	This area contains the flatter fields adjoining the Dovey River. The fields are mainly bounded by hedges, occasionally as with The Rhoslinau common there are areas of native grassland. The shingle banks on the river are also important features.
Evaluation	
Value	Moderate (The river and its associated species together with woodland and trees give this area local significance)
Condition	Unassessed
Trend	Unassessed
Recommendations	
Existing management	Generally Appropriate
Existing management remarks:	Most of the area is grazed
Principal management recommendations	Some of the hedges are not stockproof in their own right and would benefit by maintenance work and replanting of gaps
Guideline	Medium Term (Manage and replant gaps in hedges) Medium Term (Manage a buffer zone alongside the river edge) Long Term (Replant woods especially alongside streams.)
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	Some (Boundary follows the change in slope)
What baseline information source was used for Aspect Area boundary mapping?	Aerial photographs
If OS Data was used, what was the scale?	1:10,000 and 1:25,000
What is the justification for the Aspect Area boundaries?	This area contains the fields adjoining the Dovey River and is bounded by the break of slope to higher land with the adjoining aspect areas.
Evaluation Matrix	
Evaluation Criteria: Priority Habitats	Moderate (The shingle banks on the river, species rich hedges and small blocks of woodland, although fragmented all are important habitats which gives this area a local significance.)
Evaluation Criteria: Significance	Moderate (Aspect area contains small fragments of native semi-natural habitats and species rich hedges. These are linked by the rivers to form a biodiversity network.)
Evaluation Criteria: Opportunity	Moderate (Opportunity to restore medium sized blocks of habitats)
Evaluation Criteria: Expansion rates	Unassessed
Evaluation Criteria: Sensitivity	Unassessed
Evaluation Criteria: Connectivity/Cohesion	Moderate (Although the blocks of habitat are small they are connected though the river and the hedges providing biodiversity networks.)
Evaluation Criteria: Habitat Evaluation	Moderate (River and its associated species together with woodland and trees give this area local significance)
Evaluation Criteria: Importance for key species	Moderate (A number of interesting species associated with the river or with the woodlands have been recorded from this area.)
Evaluation Criteria: Overall Evaluation Habitat and Species	Moderate (River and its associated species together with woodland and trees give this area local significance)
Justification of overall evaluation	This area contains the flatter fields adjoining the Dovey River. the fields are mainly bounded by hedges. These have some important species associated with them. The area also contains a few areas such as Rhoslinau common where there are areas of semi-natural marshy grassland. The shingle banks on the river are also important features. Therefore even though the habitats are fragmented, because they are linked by the river and the hedges this area has a local importance and has been graded as moderate.
Bibliography	

List the key sources used for this assessment	MWT Mammal Survey 2000-01 MWTSummer Bird Survey 1998 Ad hoc records CCW Montgomeryshire BAP Species Files Francis I.S, Penford, N., Finch, M. Hughes, E.J. and Aitchison, J.W. (1989) Biological Survey of Common Land No 6: Montgomery District, Powys. UWA.
Assessment	
Additional Assessments	
Additional Comments	

Landscape Habitats	
Aspect Area Name	
Aspect Area Classification	Dry (Relatively) Terrestrial Habitats/Built Up Areas/Mosaic (Level 3)
Aspect Area Code	MNTGMLH106
Date Of Survey : 19/09/2005	
Monitoring	
Date of monitoring?	
Monitoring undertaken by	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	No
What is the total land area within the boundary (in hectares)?	87 ha
Description	
What are the dominant soil types? (specify up to 3 types)	Podzolic Ground-water gley soils
What Phase 1 habitat types are present? Only select the five most dominant types and, for each of these, specify below what percentage of the Aspect Area is made up of these.	Planted Mixed Woodland (3) Unimproved Acid Grassland (1) Amenity Grassland (28) Caravan Site (3) Buildings (55)
Does the area contain habitats of international importance?	No
Does the area contain BAP habitats?	No
Does the area contain protected sites?	No
Approximately what proportion of the Aspect Area is within the protected site?	
Does the area support important species?	Yes
If yes, which species? (for each of the species, also note the source of information)	Great Crested Newt Triturus cristatus 1993 CCW Montgomeryshire BAP Species Files Red Squirrel Sciurus vulgaris 2003 CCW Montgomeryshire General Data Files Great Crested Newt Triturus cristatus 1993 NCC/CCW Records
Are there any significant threat species present in abundance? (Field visit required)	Not known
What other features significantly influence the biodiversity in this area?	Veteran Trees
Are any of these features in a very good condition? (Field visit required)	
Are any of these features in a poor condition? (Field visit	

required)	
What are the main land management activities taking place in the area? (Field visit required)	Mowing
Do any of the above appear to have an appreciable positive impact on biodiversity? (Field visit required)	
Do any of the above appear to have an appreciable negative impact on biodiversity? (Field visit required)	
Is the biodiversity in the area in any way threatened?	Not known
Are there clear opportunities to improve the biodiversity aspect of this area?	Yes (Encourage those with gardens backing onto woodland or the common land to plant trees or bushes to form linked biodiversity networks and enhance species diversity.)
Summarise the key features that define this area's biodiversity character	An urban area with small amounts of public amenity grassland and some mature trees. Although there is a fair amount of green space within the urban area they are small pockets of gardens or parks/churchyards which are fragmented from each other.
Evaluation	
Value	Low (This area is largely built up with some amenity grassland areas and some larger trees. It does have some interesting species recorded from within it suggesting a borderline moderate classification. However, the green spaces are fragmented and there are no significant biodiversity networks present.)
Condition	Unassessed
Trend	Unassessed
Recommendations	
Existing management	Generally Appropriate
Existing management remarks:	Mowing of amenity grassland is generally appropriate within an urban setting.
Principal management recommendations	Encouraging planting of trees near to woodland on the urban boundary. Linking existing parks up with new planting and green space.
Guideline	Medium Term (encourage tree planting near existing woodland) Medium Term (plan for new green spaces to enhance the biodiversity networks) Long Term (Raise public awareness about benefits of late mowing)
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	Most (Follows the urban area)
What baseline information source was used for Aspect Area boundary mapping?	Aerial photographs
If OS Data was used, what was the scale?	1:10,000 and 1:25,000
What is the justification for the Aspect Area boundaries?	The boundary is taken as the edge of the built up area including gardens and recreation areas taken from the Getmapping photography.
Evaluation Matrix	
Evaluation Criteria: Priority Habitats	Low (This area is largely built up with some amenity grassland areas and some larger trees. However, the green spaces are fragmented and there are no significant biodiversity networks present.)
Evaluation Criteria: Significance	Low (Aspect area contained little or no significant national or local, native or semi-natural communities.)
Evaluation Criteria: Opportunity	Low (Very significant effort required to enable Aspect area to regain significant biodiversity)
Evaluation Criteria: Expansion rates	Unassessed
Evaluation Criteria: Sensitivity	Unassessed
Evaluation Criteria: Connectivity/Cohesion	Low (Small and very scattered blocks of native habitats)
Evaluation Criteria: Habitat Evaluation	Low (This area is largely built up with some amenity grassland areas and some larger trees. However, the green spaces are fragmented and there are no significant biodiversity networks present.)
Evaluation Criteria: Importance for key species	Moderate (This area does have some interesting species recorded from within it suggesting a borderline moderate classification.)
Evaluation Criteria: Overall Evaluation Habitat and Species	Low (This area is largely built up with some amenity grassland areas and some larger trees. It does have some interesting species recorded from within it suggesting a borderline moderate classification. However, the green spaces are fragmented and there are no significant biodiversity networks present.)
Justification of overall evaluation	An urban area with small amounts of public amenity grassland and some mature trees. It does have some interesting species recorded from within it suggesting a borderline moderate classification. However, the green spaces are fragmented and there are no significant biodiversity networks present.
Bibliography	
List the key sources used for this assessment	CCW Montgomeryshire BAP Species Files NCC/CCW Records CCW Montgomeryshire General Data Files

Assessment	
Additional Assessments	
Additional Comments	

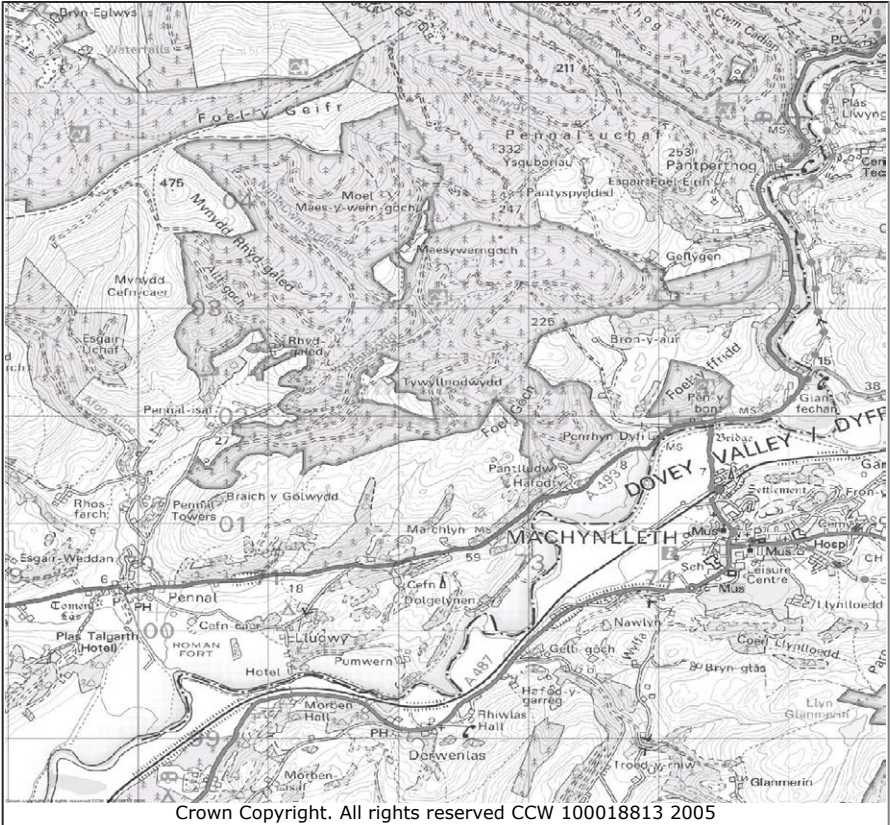
Landscape Habitats	
Aspect Area Name	Improved Grassland (Pennal - Dovey Valley)
Aspect Area Classification	Dry (Relatively) Terrestrial Habitats/Grassland & Marsh/Improved Grassland (Level 3)
Aspect Area Code	SNPLH402
Date Of Survey : 01/09/2003	
	
Monitoring	
Does this area have a special or functional link with an adjacent area?	
What is the total land area within the boundary (in hectares)?	850.7 ha
Description	
What Phase 1 habitat types are present? Only select the five most dominant types and, for each of these, specify below what percentage of the Aspect Area is made up of these.	Dense Scrub Semi-improved Neutral Grassland Improved Grassland Marshy Grassland Wet Modified Bog (Improved grassland: 89%, Wet modified bog: 4%, Semi improved neutral grassland: 3%, Marshy grassland: 3%, Scrub: 1%)
Does the area contain habitats of international importance?	No
Does the area contain BAP habitats?	Not known
Does the area contain protected sites?	Yes
If yes, which ones?	SSSI (Dyfi) SPA (Dyfi)
Approximately what proportion of the Aspect Area is within the protected site?	1-10%
Does the area support important species?	Not known
Are there any significant threat species present in abundance? (Field visit required)	No
What other features significantly influence the biodiversity in this area?	Wet Ditches
Are any of these features in a very good condition? (Field visit required)	
Are any of these features in a poor condition? (Field visit required)	
What are the main land management activities taking place in the area? (Field visit required)	Stock grazing
Do any of the above appear to have an appreciable positive impact on biodiversity? (Field visit required)	Some (Controlled grazing can prevent scrub invasion and maintain habitat condition.)
Do any of the above appear to have an appreciable	

negative impact on biodiversity? (Field visit required)	Some (Over grazing can result in habitat degradation.)
Is the biodiversity in the area in any way threatened?	Not known
Are there clear opportunities to improve the biodiversity aspect of this area?	No
Summarise the key features that define this area's biodiversity character	Improved grassland of the Dovey Valley near Pennal. Includes a small area of wet modified bog near Llwyncelyn
Evaluation	
Value	Moderate
Condition	Unassessed
Trend	Unassessed
Recommendations	
Existing management	Unassessed
Principal management recommendations	Investigate habitat condition
Guideline	Medium Term (Investigate habitat condition)
Monitoring	
Has the information ever been verified in the field?	Yes
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	Other (Aerial photographs, Phase 1 habitat data, OS maps)
If OS Data was used, what was the scale?	
What is the justification for the Aspect Area boundaries?	Improved grassland of the Dovey Valley near Pennal. Includes a small area of wet modified bog near Llwyncelyn
Bibliography	
List the key sources used for this assessment	Biodiversity: The UK Steering Group Report. Volume 2. Action Plans
Assessment	
Additional Assessments	N/A
Additional Comments	Habitat condition is unassessed
Evaluation Matrix	
Evaluation Criteria: Priority Habitats	Moderate (The majority of the site contains improved grassland with some wet modified bog and small patches of semi improved neutral grassland, marshy grassland and scrub. The condition of the habitat was not assessed.)
Evaluation Criteria: Significance	Low (There is no knowledge of any internationally protected habitats or BAP habitats within this aspect area. None of the aspect is located in a designated site.)
Evaluation Criteria: Opportunity	Unassessed
Evaluation Criteria: Expansion rates	Unassessed
Evaluation Criteria: Sensitivity	Unassessed
Evaluation Criteria: Connectivity/Cohesion	Unassessed
Evaluation Criteria: Habitat Evaluation	Moderate (The majority of the site contains improved grassland with some wet modified bog and small patches of semi improved neutral grassland, marshy grassland and scrub. The condition of the habitat was not assessed. There is no knowledge of any internationally protected habitats or BAP habitats within this aspect area. None of the aspect is located in a designated site.)
Evaluation Criteria: Importance for key species	Unassessed
Evaluation Criteria: Overall Evaluation Habitat and Species	Moderate (There is no knowledge of any priority habitats or species within this aspect area.)
Description	
If yes, which species? (for each of the species, also note the source of information)	
Evaluation Matrix	
Justification of overall evaluation	The majority of the site contains improved grassland with some wet modified bog and small patches of semi improved neutral grassland, marshy grassland and scrub. The condition of the habitat was not assessed. There is no knowledge of any internationally protected habitats or BAP habitats within this aspect area. None of the aspect is located in a designated site. There is no knowledge of any priority species within this aspect area.
Recommendations	

Existing management remarks:	
Monitoring	
Date of monitoring?	2016-01-15
Monitoring undertaken by	Stages 1, 2 and 3 change detection, field verification and amendment completed by Environment Systems in conjunction with the local planning authority. Quality Assurance completed by TACP.
Has this record has been updated following monitoring work?	

Landscape Habitats

Aspect Area Name	Mixed Woodland (Machynlleth)
Aspect Area Classification	Dry (Relatively) Terrestrial Habitats/Woodland & Scrub (Level 2)
Aspect Area Code	SNPLH403
Date Of Survey : 01/09/2003	



Monitoring

Does this area have a special or functional link with an adjacent area?	
What is the total land area within the boundary (in hectares)?	738...8 ha

Description

What Phase 1 habitat types are present? Only select the five most dominant types and, for each of these, specify below what percentage of the Aspect Area is made up of these.	Semi-natural Broadleaved Woodland Planted Coniferous Woodland Unimproved Acid Grassland (Semi natural broadleaved woodland: 37%, Improved grassland: 26%, Planted coniferous woodland: 16%, Bracken: 11%, Unimproved acid grassland: 8%) Improved Grassland Bracken
Does the area contain habitats of international importance?	No
Does the area contain BAP habitats?	Yes
Does the area contain protected sites?	No
Approximately what proportion of the Aspect Area is within the protected site?	0%
Does the area support important species?	Yes
Are there any significant threat species present in abundance? (Field visit required)	Yes (Rhododendron ponticum)
Are any of these features in a very good condition? (Field visit required)	
Are any of these features in a poor condition? (Field visit required)	
What are the main land management activities taking place in the area? (Field visit required)	Cutting Stock grazing
Do any of the above appear to have an appreciable positive impact on biodiversity? (Field visit required)	Some (Controlled levels of grazing and cutting can maintain habitat condition and help woodland regeneration...)
Do any of the above appear to have an appreciable negative impact on biodiversity? (Field visit required)	Some (Over grazing and too much cutting can result in habitat degradation...)

Is the biodiversity in the area in any way threatened?	Not known
Are there clear opportunities to improve the biodiversity aspect of this area?	Yes (Implement rhododendron control measures...)
Summarise the key features that define this area's biodiversity character	Blocks of broadleaved woodland, small conifer plantation, Bracken stands and occasional improved and acid grasslands forming a fringe between agricultural land of the Dovey Valley and extensive conifer plantations to the north...
Evaluation	
Value	Moderate
Condition	Unassessed
Trend	Unassessed
Description	
If yes, which BAP habitats?	Upland Oakwood
Recommendations	
Existing management	Unassessed
Principal management recommendations	Control Rhododendron infestation and investigate habitat condition
Guideline	Medium Term (Implement Rhododendron control measures) Medium Term (Investigate habitat condition)
Monitoring	
Has the information ever been verified in the field?	Yes
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	Other (OS maps, Phase 1 habitat data, Aerial photographs)
If OS Data was used, what was the scale?	
What is the justification for the Aspect Area boundaries?	Blocks of broadleaved woodland, small conifer plantation, Bracken stands and occasional improved and acid grasslands forming a fringe between agricultural land of the Dovey Valley and extensive conifer plantations to the north...
Bibliography	
List the key sources used for this assessment	Snowdonia BAP
Assessment	
Additional Assessments	N/A
Additional Comments	Rhododendron present... Refer to SNP BAP for further comments
Evaluation Matrix	
Evaluation Criteria: Priority Habitats	Moderate (The aspect area contains a significant amount of semi natural broadleaved woodland, which has been classified as upland oakwood... There are also improved grassland, stands of coniferous plantation, bracken, and patches of unimproved acid grassland habitats in the area... Habitat condition is unknown...)
Evaluation Criteria: Significance	High (The vast majority of habitat within this site is upland oakwood which is an important BAP habitat... Gwynedd holds the majority of this resource in Wales... It is an important habitat as it is closely associated with distinct plant and animal communities...)
Evaluation Criteria: Opportunity	Moderate (Maintain existing upland oakwood in favourable condition using appropriate managment regimes... Restore degraded upland oakwood habitat to favourable condition...)
Evaluation Criteria: Expansion rates	High (Upland oakwood declined 30-40% over the last 60 years...)
Evaluation Criteria: Sensitivity	Moderate (Invasive species (site suffers from rhododendron invasion),)
Evaluation Criteria: Connectivity/Cohesion	Unassessed
Evaluation Criteria: Habitat Evaluation	High (The aspect area contains a significant amount of semi natural broadleaved woodland, which has been classified as upland oakwood... There are also improved grassland, stands of coniferous plantation, bracken, and patches of unimproved acid grassland habitats in the area... Habitat condition is unknown... The vast majority of habitat within this site is upland oakwood which is an important BAP habitat... Gwynedd holds the majority of this resource in Wales... It is an important habitat as it is closely associated with distinct plant and animal communities...)
Evaluation Criteria: Importance for key species	High (The aspect supports important Snowdonia BAP bird species which include: Pied Flycatcher (Ficedula hypoleuca), Redstart (Phoenicurus phoenicurus), Wood Warbler (Phylloscopus sibilatrix)... These species are closely associated with upland oakwood habitats... Although the species are not endangered they are of medium conservation concern in the UK...)
Evaluation Criteria: Overall Evaluation Habitat and Species	Moderate

Description	
If yes, which species? (for each of the species, also note the source of information)	Birds e...g... Pied Flycatcher (Ficedula hypoleuca), Redstart (Phoenicurus phoenicurus), Wood Warbler (Phyloscopus sibilatrix)
Evaluation Matrix	
Justification of overall evaluation	The aspect area contains a significant amount of semi natural broadleaved woodland, which has been classified as upland oakwood... There are also improved grassland, stands of coniferous plantation, bracken, and patches of unimproved acid grassland habitats in the area... Habitat condition is unknown... The vast majority of habitat within this site is upland oakwood which is an important BAP habitat... Gwynedd holds the majority of this resource in Wales... It is an important habitat as it is closely associated with distinct plant and animal communities... The aspect supports important Snowdonia BAP bird species which include: Pied Flycatcher (Ficedula hypoleuca), Redstart (Phoenicurus phoenicurus), Wood Warbler (Phyloscopus sibilatrix)... These species are closely associated with upland oakwood habitats... Although the species are not endangered they are of medium conservation concern in the UK...
Recommendations	
Existing management remarks:	
Monitoring	
Date of monitoring?	
Monitoring undertaken by	

Landscape Habitats

Aspect Area Name

Acid Grassland (Mynydd Tan-y-Coed - Pen Trum-gwr)

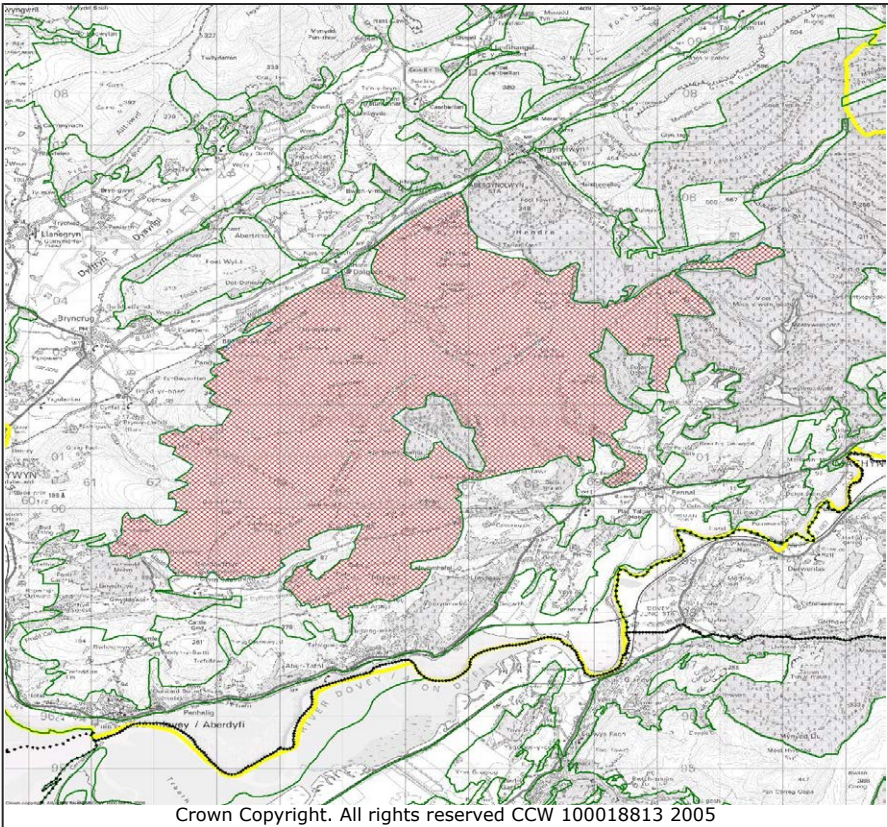
Aspect Area Classification

Dry (Relatively) Terrestrial Habitats/Grassland & Marsh/Acid Grassland (Level 3)

Aspect Area Code

SNPLH400

Date Of Survey : 07/08/2001



Monitoring

Does this area have a special or functional link with an adjacent area?

What is the total land area within the boundary (in hectares)?

3,574 ha

Description

What Phase 1 habitat types are present? Only select the five most dominant types and, for each of these, specify below what percentage of the Aspect Area is made up of these.

Unimproved Acid Grassland
Improved Grassland
Bracken
Dry Acid Heath
Dry Heath/Acid Grassland Mosaic (Unimproved acid grassland: 35%, Bracken: 17%, Dry acid heath: 15%, Improved grassland: 13%, Dry heath acid grassland mosaic: 8%)

Does the area contain habitats of international importance?

No

Does the area contain BAP habitats?

Not known

Does the area contain protected sites?

Yes

If yes, which ones?

SSSI (Cors Barfog)

Approximately what proportion of the Aspect Area is within the protected site?

1-10%

Does the area support important species?

Not known

Are there any significant threat species present in abundance? (Field visit required)

No

What other features significantly influence the biodiversity in this area?

Rock Outcrops

Are any of these features in a very good condition? (Field visit required)

Are any of these features in a poor condition? (Field visit required)

What are the main land management activities taking place in the area? (Field visit required)

Stock grazing

Do any of the above appear to have an appreciable positive impact on biodiversity? (Field visit required)

Some (Controlled grazing can maintain species diversity and prevent scrub invasion.)

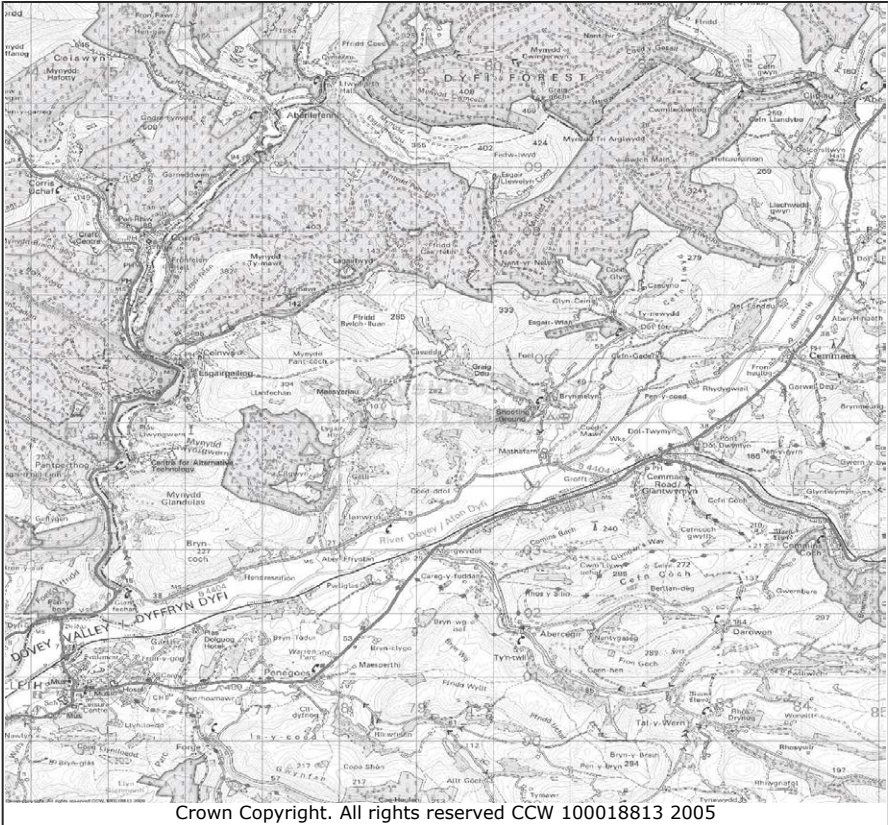
Do any of the above appear to have an appreciable negative impact on biodiversity? (Field visit required)

Some (Over grazing contributes to habitat degradation.)

<http://landmap-maps.naturalresources.wales/...Results.aspx?filter=LH|SNPLH400&MapCollectionName=LandMap&Layer01=LH;SNPLH400>[17/03/2016 12:05:13]

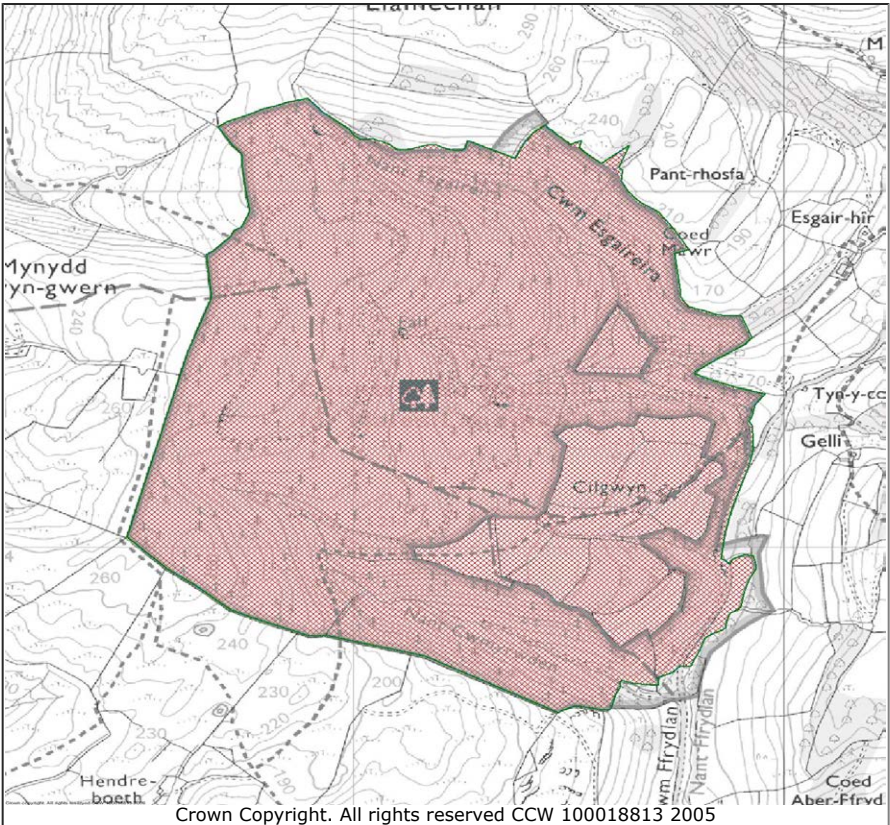
Is the biodiversity in the area in any way threatened?	Yes (The surveyor noted that the acid grassland appears heavily grazed in places.)
Are there clear opportunities to improve the biodiversity aspect of this area?	Yes (Control grazing management)
Summarise the key features that define this area's biodiversity character	Open upland area of rolling hills. Heavily grazed acid grassland is dominant with some areas of heath associated with rocky areas near Bryn Dinas and Mynydd y Llyn. Bracken is also present on some lower slopes.
Evaluation	
Value	Moderate
Condition	Unassessed
Trend	Unassessed
Recommendations	
Existing management	Unassessed
Principal management recommendations	Investigate habitat condition
Guideline	Medium Term (Investigate habitat condition)
Monitoring	
Has the information ever been verified in the field?	Yes
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	Other (Aerial photographs, OS maps, Phase 1 habitat data)
If OS Data was used, what was the scale?	
What is the justification for the Aspect Area boundaries?	Open upland area of rolling hills. Heavily grazed acid grassland is dominant with some areas of heath associated with rocky areas near Bryn Dinas and Mynydd y Llyn. Bracken is also present on some lower slopes.
Bibliography	
List the key sources used for this assessment	Biodiversity: The UK Steering Group Report. Volume 2. Action Plans.
Assessment	
Additional Assessments	N/A
Additional Comments	Condition of habitat unknown
Evaluation Matrix	
Evaluation Criteria: Priority Habitats	Moderate (The dominant habitat within this aspect area is unimproved acid grassland with patches of bracken, dry acid heath, improved grassland and dry heath acid grassland mosaic. Habitat condition is unassessed.)
Evaluation Criteria: Significance	Moderate (There is no knowledge of any internationally important habitats or BAP habitats within this aspect (however Phase 1 showed blanket bog to be present). The aspect area is not located within any designated site.)
Evaluation Criteria: Opportunity	Moderate (Control grazing management in places as there appear to be areas of heavily grazed acid grassland.)
Evaluation Criteria: Expansion rates	Unassessed
Evaluation Criteria: Sensitivity	Moderate (Over-grazing)
Evaluation Criteria: Connectivity/Cohesion	Unassessed
Evaluation Criteria: Habitat Evaluation	Moderate (The dominant habitat within this aspect area is unimproved acid grassland with patches of bracken, dry acid heath, improved grassland and dry heath acid grassland mosaic. Habitat condition is unassessed. There is no knowledge of any internationally important habitats or BAP habitats within this aspect (however Phase 1 showed blanket bog to be present). The aspect area is not located within any designated site.)
Evaluation Criteria: Importance for key species	Unassessed
Evaluation Criteria: Overall Evaluation Habitat and Species	Moderate (There is no knowledge of any priority species or habitats within this aspect area.)
Description	
If yes, which species? (for each of the species, also note the source of information)	
Evaluation Matrix	
Justification of overall evaluation	The dominant habitat within this aspect area is unimproved acid grassland with patches of bracken, dry acid heath, improved grassland and dry heath acid grassland mosaic. Habitat condition is unassessed. There is no knowledge of any internationally important habitats or BAP habitats within this aspect (however Phase 1 showed blanket bog to be present). The aspect area is not located within any designated site. There is no knowledge of any priority species within this aspect area.

Recommendations	
Existing management remarks:	
Monitoring	
Date of monitoring?	
Monitoring undertaken by	

Landscape Habitats	
Aspect Area Name	
Aspect Area Classification	Dry (Relatively) Terrestrial Habitats/Grassland & Marsh/Mosaic (Level 3)
Aspect Area Code	MNTGMLH068
Date Of Survey : 12/07/2005	
	
Monitoring	
Does this area have a special or functional link with an adjacent area?	Yes (The upland mosaic of acid grassland with patches of blanket bog, heath and flush forms a continuation from the Radnorshire RDNRLH002 Elenydd Hill Mosaic. The area on the south west boundary is the Elenydd SSSI)
What is the total land area within the boundary (in hectares)?	Spiritual
Description	
What are the dominant soil types? (specify up to 3 types)	Podzolic Brown soils Peat soils
What Phase 1 habitat types are present? Only select the five most dominant types and, for each of these, specify below what percentage of the Aspect Area is made up of these.	Unimproved Acid Grassland Improved Grassland Marshy Grassland Bracken Dry Acid Heath
Does the area contain habitats of international importance?	No
Does the area contain BAP habitats?	Yes
Does the area contain protected sites?	No
If yes, which ones?	SSSI (Coed Afon crewi)
Approximately what proportion of the Aspect Area is within the protected site?	1-10%
Does the area support important species?	Yes
Are there any significant threat species present in abundance? (Field visit required)	Not known
What other features significantly influence the biodiversity in this area?	Streams Hedgerows Veteran Trees
Are any of these features in a very good condition? (Field visit required)	
Are any of these features in a poor condition? (Field visit required)	
What are the main land management activities taking place in the area? (Field visit required)	Cutting Stock grazing

Do any of the above appear to have an appreciable positive impact on biodiversity? (Field visit required)	Some (Where grazing pressure is reduced some native species occur in the grasslands adding to the biodiversity.)
Do any of the above appear to have an appreciable negative impact on biodiversity? (Field visit required)	
Is the biodiversity in the area in any way threatened?	
Are there clear opportunities to improve the biodiversity aspect of this area?	Yes (Where hedges are no longer stock proof they should be replanted, also planting additional woodland to join up some of the ribbon features would give greater wildlife corridors.)
Summarise the key features that define this area's biodiversity character	An area of gently rolling hills with deep valleys often with ribbon woodlands running through them and small streams. Most of the fields are small and are pasture but some are cut. Many of the fields have hedges although these are often not stock proof, on steeper bands bracken and scrub are present.
Evaluation	
Value	Moderate (Although most of the land is improved and many of the hedges are not intact the ribbon woodlands in the gullies and the existing native vegetation particularly on fields with more native species give this area local importance.)
Condition	Fair (One of the woodland block is of SSSI status and many of the others contain important native species, however the air photography reveals that many of the hedges are not stock proof and enhancing these would be of significant benefit.)
Trend	
Description	
If yes, which BAP habitats?	Upland Oakwood
Recommendations	
Existing management	Generally Appropriate
Principal management recommendations	Maintaining and enhancing the hedges. Planting of selected areas to create larger woodland blocks would also be of advantage.
Guideline	Immediate (Manage and replant gaps in hedges) Medium Term (Plant new woodlands adjacent to existing blocks to increase coverage) Long Term (Ensure that the region of this Aspect Area that is within the SSSI designation is in favourable condition)
Monitoring	
Has the information ever been verified in the field?	No
Aspect Area Boundary	
To what level was this information site-surveyed?	None
At 1:10,000, how much of the Aspect Area boundary is precise?	Most (The edge of the Forestry Commission land were taken as most of the boundary to the north and the change to flatter larger fields in the valley floor formed the boundaries to the other sides, the boundary following the field edges.)
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:10,000 and 1:25,000
What is the justification for the Aspect Area boundaries?	The county boundary forms the edge of this area on the western and south eastern sides. The area is bounded on the north and east by a large block of coniferous forest. The upland mosaic of acid grassland dominated by Molinia caerulea (Purple Moor-grass) with patches of blanket bog, heath and flush forms a continuation from the Radnorshire RDNRLH002 Elenydd Hill Mosaic. The area on the south west boundary is the Elenydd SSSI with a similar species assemblage.
Bibliography	
List the key sources used for this assessment	MWT Summer Bird Survey 1998 MWT Summer Bird Survey 2001 CCW Montgomeryshire BAP Species Files CCW SSSI Notification sheets for MONTGOMERYSHIRE
Assessment	
Additional Assessments	
Additional Comments	
Evaluation Matrix	
Evaluation Criteria: Priority Habitats	Moderate (Some smaller areas of broad leaved woodland and also some semi- improved grassland give a local importance to this area.)
Evaluation Criteria: Significance	Moderate (Woodland blocks form a good local resource of broadleaved woodlands)
Evaluation Criteria: Opportunity	High (with replanting of gaps in hedges and plantain area of woodland to join the existing blocks together with reducing agricultural inputs on areas where native species still exist this area could move to have a nationally high status.)
Evaluation Criteria: Expansion rates	Unassessed
Evaluation Criteria: Sensitivity	Unassessed
Evaluation Criteria: Connectivity/Cohesion	Low (Many of he woodlands are fragmented as are the grasslands where native species are still present.)

Evaluation Criteria: Habitat Evaluation	Moderate (Some important habitats locally occur in this area.)
Evaluation Criteria: Importance for key species	Moderate (Some interesting records for bird species associated with woodland, hedges and less intensively used farmland.)
Evaluation Criteria: Overall Evaluation Habitat and Species	Moderate (Mostly improved pasture but with some native communities, particularly the woodland blocks together with the species present give local significance.)
Description	
If yes, which species? (for each of the species, also note the source of information)	MONTLH068 Spotted Flycatcher Muscicapa striata 1998 MWTSummer Bird Survey 1998 MONTLH068 Lesser Horseshoe Bat Rhinolophus hipposideros 2000 CCW Montgomeryshire BAP Species Files MONTLH068 Spotted Flycatcher Muscicapa striata 1998 CCW Montgomeryshire BAP Species Files MONTLH068 Song Thrush Turdus philomelos 2001 MWT Summer Bird Survey 2001
Evaluation Matrix	
Justification of overall evaluation	Although the area is mostly improved pasture on gently rolling hills the deep valleys with ribbon woodlands and small streams together with the bird species present; give this Aspect Area Local significance. Many of the fields have hedges although these are often not stock proof, there is significant opportunity to enhance the biodiversity of this area by hedging work and woodland planting schemes.
Recommendations	
Existing management remarks:	Grazing and mowing
Monitoring	
Date of monitoring?	
Monitoring undertaken by	
Has this record has been updated following monitoring work?	This record has been updated following monitoring work as more up to date information is available
Change indicated by	Phase 1 Habitat Survey & Seasonal Change Maps
What has changed?	

Landscape Habitats	
Aspect Area Name	
Aspect Area Classification	Dry (Relatively) Terrestrial Habitats/Woodland & Scrub/Coniferous Woodland (Level 3)
Aspect Area Code	MNTGMLH069
Date Of Survey : 19/09/2005	
	

Monitoring	
Does this area have a special or functional link with an adjacent area?	No
What is the total land area within the boundary (in hectares)?	178 ha
Description	
What are the dominant soil types? (specify up to 3 types)	Podzolic
What Phase 1 habitat types are present? Only select the five most dominant types and, for each of these, specify below what percentage of the Aspect Area is made up of these.	Semi-natural Broadleaved Woodland (1) Planted Coniferous Woodland (85) Improved Grassland (13) Standing Water (1) Buildings (0)
Does the area contain habitats of international importance?	No
Does the area contain BAP habitats?	No
Does the area contain protected sites?	No
Approximately what proportion of the Aspect Area is within the protected site?	
Does the area support important species?	No
Are there any significant threat species present in abundance? (Field visit required)	Not known
Are any of these features in a very good condition? (Field visit required)	
Are any of these features in a poor condition? (Field visit required)	
Do any of the above appear to have an appreciable positive impact on biodiversity? (Field visit required)	
Do any of the above appear to have an appreciable negative impact on biodiversity? (Field visit required)	
Is the biodiversity in the area in any way threatened?	Not known
Are there clear opportunities to improve the biodiversity aspect of this area?	No
Summarise the key features that define this area's	A block of coniferous forestry plantation with a few fields of improved upland grassland. There is a

biodiversity character	steeper gully on the site with some native vegetation and a small lake.
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Evaluation

Value	Low (Nearly the whole are is forestry plantation or improved grassland and no species of note are recorded form this area.)
Condition	Unassessed
Trend	Unassessed

Recommendations

Existing management	Generally Appropriate
Principal management recommendations	Replanting felled forestry with native species where there is some evidence of native communities already existing would enhance the area.
Guideline	Long Term (Replant with native species in appropriate areas.) Medium Term (Plant with shrub species on forest edge.)

Monitoring

Has the information ever been verified in the field?	No
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Aspect Area Boundary

To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	Aerial photographs
If OS Data was used, what was the scale?	1:10,000 and 1:25,000
What is the justification for the Aspect Area boundaries?	The boundary follows the woodland edge of this area.

Bibliography

List the key sources used for this assessment	Getmapping - Millenium Map digital aerial photography CCW - Phase 1 Habitat vector GIS data set
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Assessment

Additional Assessments	
Additional Comments	

Evaluation Matrix

Evaluation Criteria: Priority Habitats	Low (Nearly the whole are is forestry plantation or improved grassland and no species of note are recorded form this area.)
Evaluation Criteria: Significance	Low (Only a very small gully with any native vegetation .)
Evaluation Criteria: Opportunity	Low (Very significant effort required to enable Aspect area to regain significant biodiversity)
Evaluation Criteria: Expansion rates	Unassessed
Evaluation Criteria: Sensitivity	Unassessed
Evaluation Criteria: Connectivity/Cohesion	Low (Small and very scattered blocks of native habitats)
Evaluation Criteria: Habitat Evaluation	Low (Nearly the whole are is forestry plantation or improved grassland and no species of note are recorded form this area.)
Evaluation Criteria: Importance for key species	Low (No species of note recorded form this area.)
Evaluation Criteria: Overall Evaluation Habitat and Species	Low (Nearly the whole are is forestry plantation or improved grassland and no species of note are recorded form this area.)

Description

If yes, which species? (for each of the species, also note the source of information)	
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Evaluation Matrix

Justification of overall evaluation	A block of coniferous forestry plantation with a few fields of improved upland grassland. Here is a steeper gully on the site with some native vegetation and a small lake. However there is little biodiversity importance and the area is evaluated as low.
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Recommendations

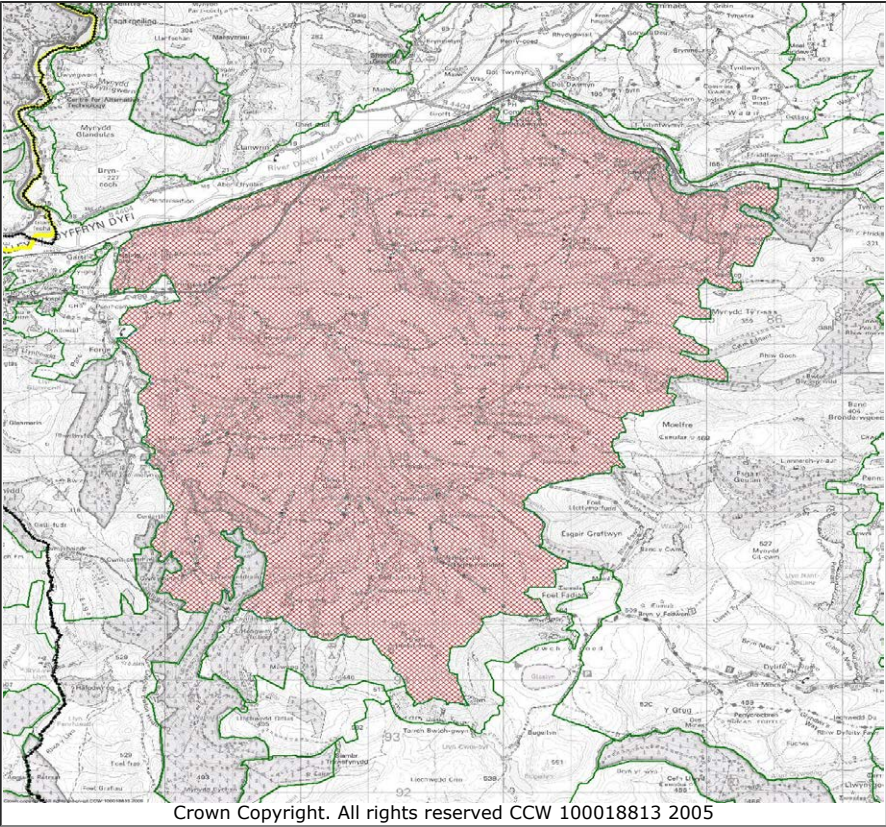
Existing management remarks:	Forestry management
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Monitoring

Date of monitoring?	
Monitoring undertaken by	

Landscape Habitats

Aspect Area Name	
Aspect Area Classification	Dry (Relatively) Terrestrial Habitats/Mosaic/Mosaic (Level 3)
Aspect Area Code	MNTGMLH067
Date Of Survey : 19/09/2005	



Monitoring

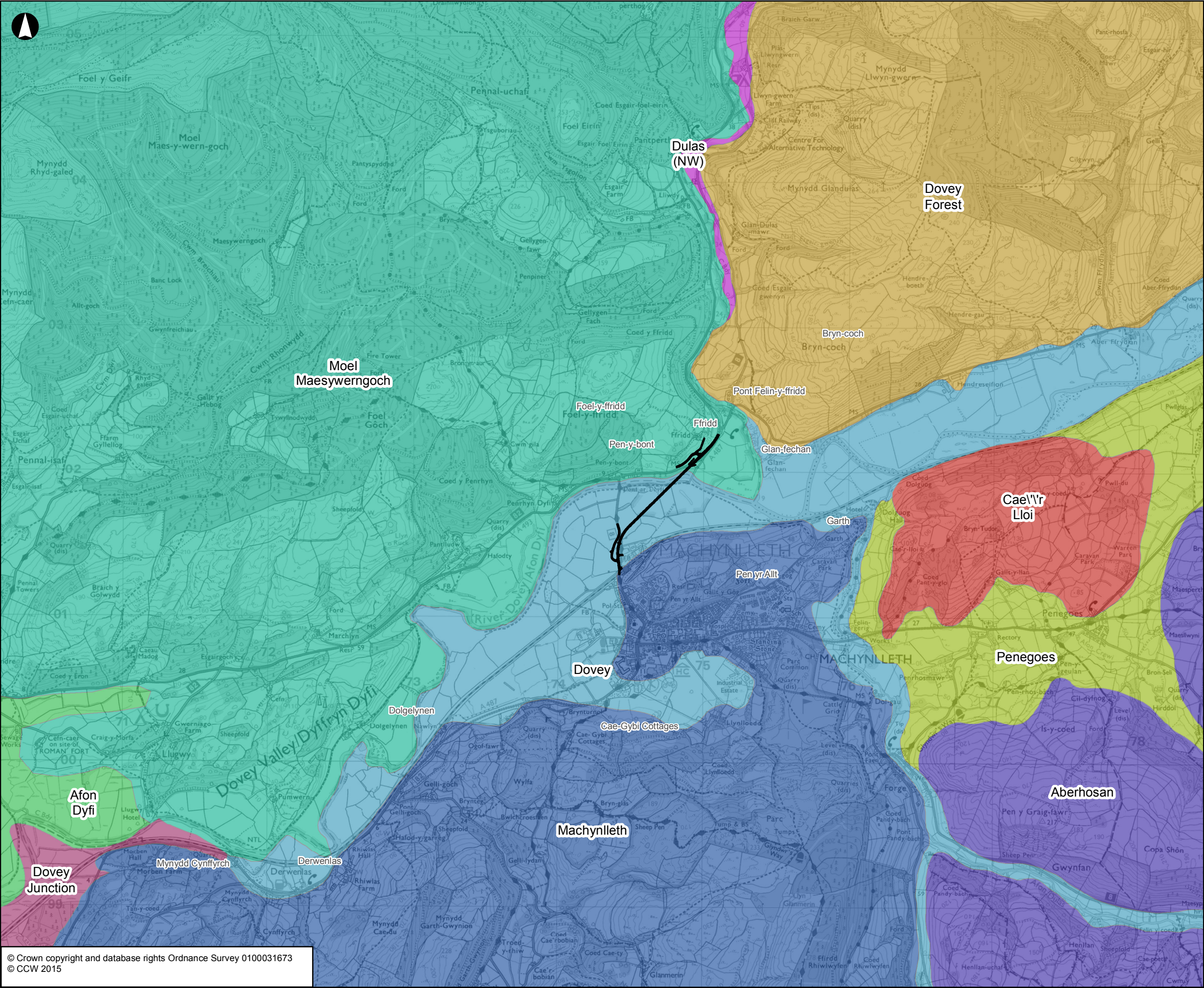
Does this area have a special or functional link with an adjacent area?	No
What is the total land area within the boundary (in hectares)?	6237 ha

Description

What are the dominant soil types? (specify up to 3 types)	Podzolic Surface-water gley soils
What Phase 1 habitat types are present? Only select the five most dominant types and, for each of these, specify below what percentage of the Aspect Area is made up of these.	Semi-natural Broadleaved Woodland (10) Planted Coniferous Woodland (4) Semi-improved Acid Grassland (2) Improved Grassland (72) Bracken (4)
Does the area contain habitats of international importance?	No
Does the area contain BAP habitats?	Yes
Does the area contain protected sites?	Yes
If yes, which ones?	SSSI (COED AFON CREWI)
Approximately what proportion of the Aspect Area is within the protected site?	1-10%
Does the area support important species?	Yes
Are there any significant threat species present in abundance? (Field visit required)	Not known
What other features significantly influence the biodiversity in this area?	Streams Hedgerows Veteran Trees
Are any of these features in a very good condition? (Field visit required)	
Are any of these features in a poor condition? (Field visit required)	
What are the main land management activities taking place in the area? (Field visit required)	Stock grazing Mowing
Do any of the above appear to have an	

appreciable positive impact on biodiversity? (Field visit required)	
Do any of the above appear to have an appreciable negative impact on biodiversity? (Field visit required)	
Is the biodiversity in the area in any way threatened?	Not known
Are there clear opportunities to improve the biodiversity aspect of this area?	Yes (Some of the hedges are not stockproof in their own right and would benefit by maintenance work and replanting of gaps)
Summarise the key features that define this area's biodiversity character	An aspect area of small fields, bounded by hedges with many ribbon woodlands which occupy stream fed dingles. These woodlands are very diverse and support a wide range of important species.
Evaluation	
Value	High (A very important woodland SSSI and the wide range of species give this area a high value.)
Condition	Fair (The air photography shows the area as far as can be judged without a field visit to be in fair condition)
Trend	Unassessed
Description	
If yes, which BAP habitats?	Lowland Mixed Deciduous Woodland Ancient and/or Species Rich Hedgerows
Recommendations	
Existing management	Generally Appropriate
Principal management recommendations	Maintaining and enhancing the hedges. Planting of selected areas to create larger woodland blocks would also be of advantage.
Guideline	Immediate (Manage and replant gaps in hedges) Medium Term (Where post and wire fences exist plant hedgerows.) Long Term (Plant new woodlands adjacent to existing blocks to increase coverage)
Monitoring	
Has the information ever been verified in the field?	No
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	Most (To the north the boundary with MONTLH095 and MONTLH026 runs along the break of slope into the improved fields at the valley bottom)
What baseline information source was used for Aspect Area boundary mapping?	Aerial photographs
If OS Data was used, what was the scale?	1:10,000 and 1:25,000
What is the justification for the Aspect Area boundaries?	To the north the boundary with MONTLH095 and MONTLH026 runs along the break of slope into the improved fields at the valley bottom. The boundary with MONTLH041, MONTLH077 and MONTLH084 marks the change to the large upland grasslands.
Bibliography	
List the key sources used for this assessment	COMMONS SURVEY 1988 Ad hoc records MWT Summer Bird Survey 2001 CCW Montgomeryshire Tir Gofal File Notes
Assessment	
Additional Assessments	
Additional Comments	
Evaluation Matrix	
Evaluation Criteria: Priority Habitats	High (A very important woodland SSSI and the wide range of species give this area a high value.)
Evaluation Criteria: Significance	High (Aspect area contained important BAP habitats which is enhanced by the surrounding hedge bank features)
Evaluation Criteria: Opportunity	High (Replanting and managing hedges would significantly enhance the area. As would replanting of small woodland blocks to provide significantly enhanced biodiversity networks)
Evaluation Criteria: Expansion rates	Unassessed
Evaluation Criteria: Sensitivity	Unassessed
Evaluation Criteria: Connectivity/Cohesion	High (Although the blocks of habitat are small they are connected though a series of hedges, streams and rivers providing biodiversity networks.)
Evaluation Criteria: Habitat Evaluation	High (A very important woodland SSSI and the wide range of species give this area a high value.)
Evaluation Criteria: Importance for key species	High (A number of locally important species have been recorded form this area)
Evaluation Criteria: Overall Evaluation Habitat and Species	High (A very important woodland SSSI and the wide range of species give this area a high value.)

Description	
If yes, which species? (for each of the species, also note the source of information)	Skylark Alauda arvensis 1988 COMMONS SURVEY 1988 Rigid Apple-Moss Bartramia stricta Ad hoc records Brown Hare Lepus europaeus 2002 CCW Montgomeryshire Tir Gofal File Notes Linnet Carduelis cannabina 2001 MWT Summer Bird Survey 2001 Marsh Fritillary Eurodryas aurinia 1989 Ad hoc records Pennyroyal Mentha pulegium Ad hoc records Spotted Flycatcher Muscicapa striata 2001 MWT Summer Bird Survey 2001 Bullfinch Pyrrhula pyrrhula 2001 MWT Summer Bird Survey 2001 Red Squirrel Sciurus vulgaris 1968 Montgomeryshire Field Society Small-Flowered Catchfly Silene gallica Ad hoc records Song Thrush Turdus philomelos 2001 MWT Summer Bird Survey 2001 Wood Bitter-Vetch Vicia orobus Ad hoc records
Evaluation Matrix	
Justification of overall evaluation	This aspect area of small fields, bounded by hedges with many ribbon woodlands which occupy stream feed dingles has diverse woodlands and support a wide range of important species
Recommendations	
Existing management remarks:	Area is mainly grazed and some fields mown for hay or silage.
Monitoring	
Date of monitoring?	2016-01-15
Monitoring undertaken by	Stages 1, 2 and 3 change detection, field verification and amendment completed by Environment Systems in conjunction with the local planning authority. Quality Assurance completed by TACP.
Has this record has been updated following monitoring work?	



Legend

- Proposed Scheme
- Aberhosan
- Afon Dyfi
- Cae'l'r Lloi
- Dovey
- Dovey Forest
- Dovey Junction
- Dulas (NW)
- Machynlleth
- Moel Maesywengoch
- Penegoes

Metres

0 335 670 1,340

P01.2	08/03/16	EB	BO	JP
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Rev	Date	By	Chkd	Appd


ARUP

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www.arup.com

GRIFFITHS
civil engineering and construction

WHS

Client


Llywodraeth Cymru
Welsh Government

Project Title

A487 New Dyfi Bridge

Drawing Title

**Figure 8.2.3
LANDMAP - Geological Landscape**

Scale at A3

1:25,000

Role

Specialist Designer - Environmental

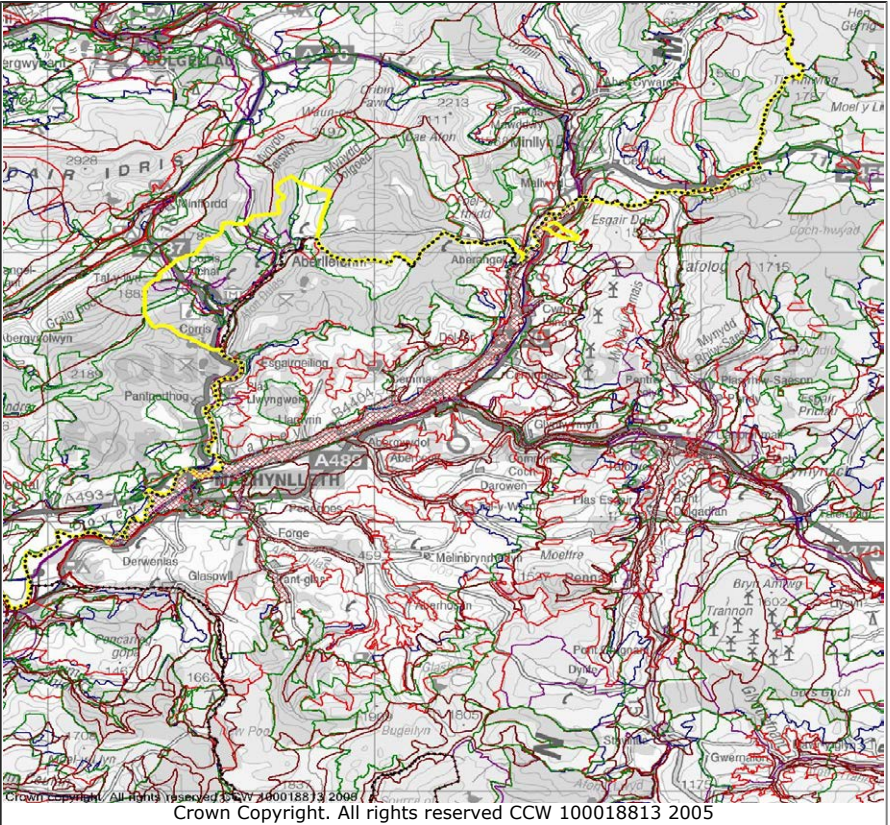
Suitability

S0 - Initial non-contractual

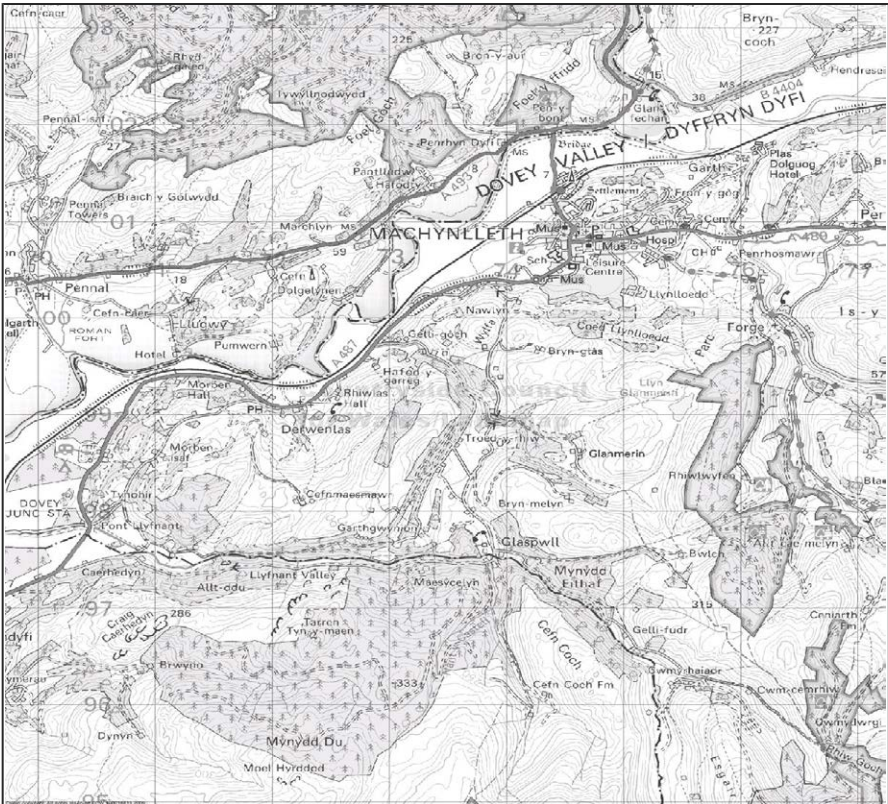
Arup Job No	Rev
244562-00	P01.2

Name

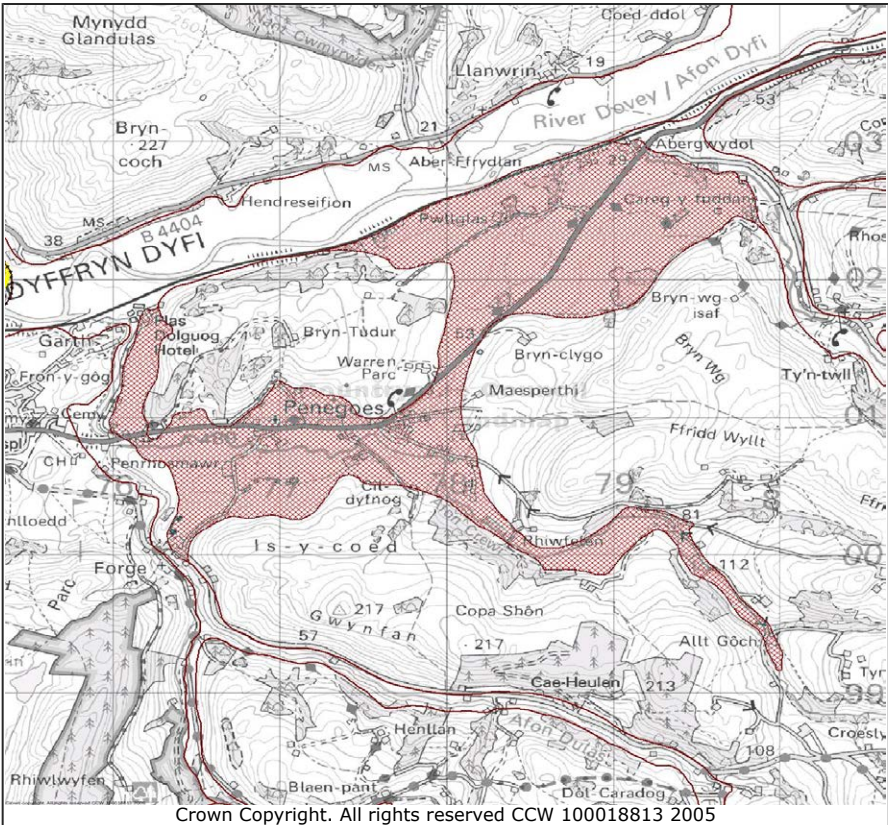
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Geological Landscape	
Aspect Area Name	Dovey
Aspect Area Classification	Lowland hills and valleys/Lowland river and drainage systems/Active lowland river-flood plain system (Level 3)
Aspect Area Code	MNTGMGL249
Date Of Survey : 25/10/2005	
	
Monitoring	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	Yes (Dulas and Gwydol are tributaries.)
Description	
If Classification is "Other", specify here	N/A.
What is the geographical and topographical character of this area?	Major river system with wide floodplain and well-developed meandering river system constrained in a steep sided mountainous valley. River shows a variety of features including meanders, ox-bow lakes, extensive gravel-rich overbank deposits. Canalisation remarkably limited. Includes the tributary valley of the Afon Twymyn and an "embayment" at Machynlleth.
Where drift dominated, what is the dominant drift deposit?	Fluvial
Where drift dominated, what is the major sediment that characterises the area?	Other
What is the characteristic Level 3 component of the area?	Active lowland river-flood plain system
Which of the following is a significant contributor to the geological character of the area?	Superficial deposits (Alluvium, ?terrace deposits (Quaternary: Recent)) Active processes
What active geological and geomorphological processes are significant in this area?	Fluvial.
What Level 4 components are notable in this area?	River channel (natural) Abandoned channel / Ox Bow lake
Are there any pedological processes that are significant in the area or have had a landscape forming effect?	Not known
Are there components of significant hydrological importance?	Yes (River Dovey.)
Is there current mineral extraction?	No
Has there been mineral extraction in the past?	Not known
Are there SSSI/GCR sites here?	Yes (Afon dyfi ger Mollnyd SSSI (Fluvial Geomorphology).)
Are there geological SINC, 2nd tier, or RIGS sites in the area?	No
Evaluation	

Value	High (Includes part of Afon dyfi ger Mollnyd SSSI.)
Condition	Good (Dominantly rural area with limited development.)
Trend	Constant (Dominantly rural area with limited development.)
Recommendations	
Existing management	Generally Appropriate
Existing management remarks:	Dominantly rural area with limited development.
Principal management recommendations	Maintain natural evolving system, minimise future intervention and ensure that no significant geological or geomorphological features are lost or damaged. Maintain SSSIs in favourable condition by implementation of management plans
Guideline	Long Term (Maintain natural evolving system, minimise future intervention and ensure that no significant geological or geomorphological features are lost or damaged.) Immediate (Maintain SSSI in favourable condition by implementation of management plans) Medium Term (Encourage systematic geological mapping of the area to properly document geological character.)
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the Earth Heritage features of the area?	Yes (Inappropriate development (e.g. canalisation, building on floodplain, etc.), especially where key features related to the evolution of the valley complex are present (e.g. deposits, characteristic landforms, etc.). No such loss should be considered appropriate in terms of geological heritage management.)
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	None (Aspect Area boundaries surveyed at 1:10,000, mapped at 1:25,000.)
What baseline information source was used for Aspect Area boundary mapping?	Other (British Geological Survey maps, aerial photographs, OS 1:25,000 Landranger topographical map.)
If OS Data was used, what was the scale?	1:25,000
What is the justification for the Aspect Area boundaries?	Break of slope at base of solid geology massif and active edge of river/floodplain system.
Evaluation Matrix	
Evaluation Criteria: Research Value	High (Includes part of Afon dyfi ger Mollnyd SSSI.)
Evaluation Criteria: Educational Value	High (Includes part of Afon dyfi ger Mollnyd SSSI.)
Evaluation Criteria: Historical Value	Moderate (Includes part of Afon dyfi ger Mollnyd SSSI.)
Evaluation Criteria: Rarity / Uniqueness	High (Well developed major river system with minimal intervention. Includes part of Afon dyfi ger Mollnyd SSSI.)
Evaluation Criteria: Classic Example	High (Well developed major river system with minimal intervention. Includes part of Afon dyfi ger Mollnyd SSSI.)
Evaluation Criteria: Overall Evaluation	High (Well developed major river system with minimal intervention. Includes part of Afon dyfi ger Mollnyd SSSI.)
Justification of overall evaluation	Well developed major river system with minimal intervention. Includes part of Afon dyfi ger Mollnyd SSSI.
Bibliography	
List the key sources used for this assessment	Campbell and Bowen (1989), Geological Conservation Review: Quaternary of Wales (NCC); Ordnance Survey (1999d), Explorer 215 (1:25,000 scale); Ordnance Survey (2002), Explorer 23 (1:25,000 scale).
Assessment	
Additional Assessments	None.
Additional Comments	

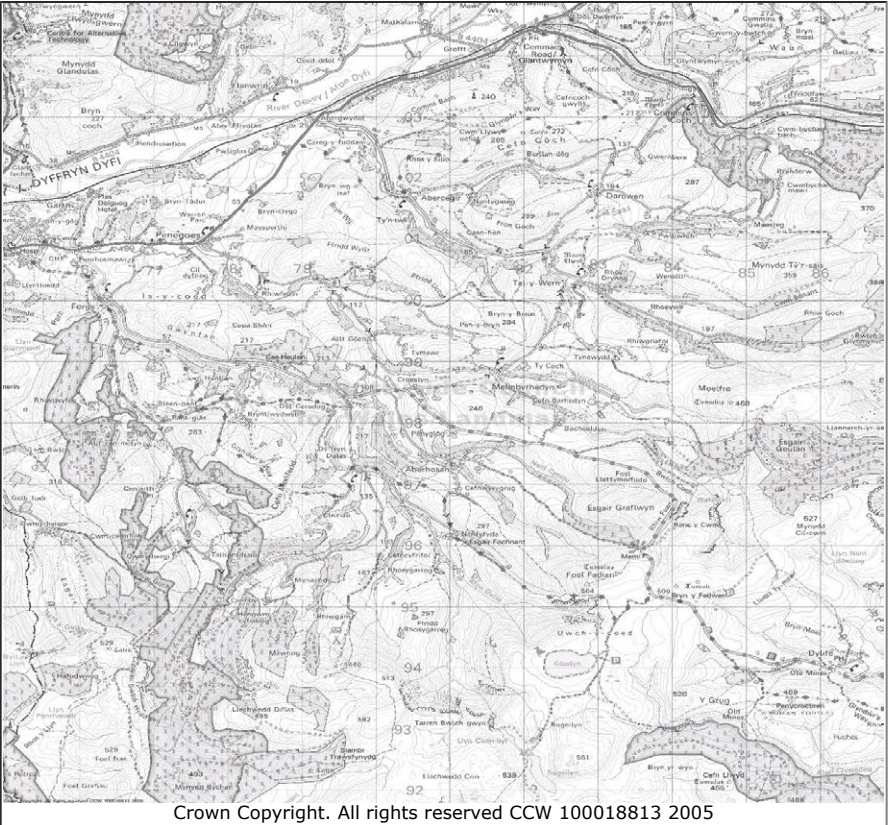
Geological Landscape	
Aspect Area Name	Machynlleth
Aspect Area Classification	Tectonically controlled topography/Tectonically controlled topography/Other (Level 3)
Aspect Area Code	MNTGMGL247
Date Of Survey : 25/10/2005	
	
Description	
What is the geographical and topographical character of this area?	Section of Machynlleth Inlier with strong E of N / W of S tectonically orientated topography, due to tightly folding and associated faulting. Orientation also reflected by ribbed surface of outcrops. Dominated by Silurian rocks (Llandoverly).
What is the characteristic Level 3 component of the area?	Other (Tectonically controlled hills and escarpments.)
Which of the following is a significant contributor to the geological character of the area?	Superficial deposits (?Till (Quaternary: Pleistocene).) Structural features (Strongly developed EofN-WofS structural orientation. Forms part of Machynlleth Ordovician inlier.) Active processes (Fluvial (stream).) Past processes (Glacial.) Stratigraphic formation(s) (Bryn-glas Formation (Ordovician, Ashgill); Cwmere Formation, Cysymlog Formation (minor), Devil's Bridge Formation (dominant), [Silurian, Llandoverly].)
What Level 4 components are notable in this area?	Slope Hill top Urban / industrial development
What active geological and geomorphological processes are significant in this area?	Fluvial (stream).
Are there components of significant hydrological importance?	Yes (Fluvial (stream).)
Are there any pedological processes that are significant in the area or have had a landscape forming effect?	Not known
Is there current mineral extraction?	No
Has there been mineral extraction in the past?	Yes (Silurian slaty mudrocks?)
Are there SSSI/GCR sites here?	No
Are there geological SINC, 2nd tier, or RIGS sites in the area?	Yes (Machynlleth Railway Station pRIGS (Silurian, Llandoverly; Caledonian Structures); Forge Penegoes pRIGS Ordovician, Ashgill; Caledonian Structures).)
Evaluation	
Value	High (Distinctive tectonically controlled topography. Includes Machynlleth Railway Station pRIGS and Forge Penegoes pRIGS.)
Condition	Good (Dominantly rural area with some urban development.)
Trend	Constant (Dominantly rural area with some urban development.)
Recommendations	
Existing management	Generally Appropriate

Principal management recommendations	Maintain landscape character and ensure that no significant geological or geomorphological features are lost or damaged. Ensure that pRIGS sites are safeguarded using Local Plan policies and constraint mapping.
Guideline	Long Term (Maintain landscape character and ensure that no significant geological or geomorphological features are lost or damaged.) Immediate (Ensure that pRIGS sites are safeguarded using Local Plan policies and constraint mapping.)
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the Earth Heritage features of the area?	Yes (Non-SSSI areas (e.g. pRIGS) may be at risk from infill, removal or development. No such loss of important features or should be considered acceptable.)
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	None (Aspect Area boundaries surveyed at 1:10,000, mapped at 1:25,000.)
What baseline information source was used for Aspect Area boundary mapping?	Other (British Geological Survey maps, aerial photographs, OS 1:25,000 Landranger topographical map.)
If OS Data was used, what was the scale?	1:10,000
What is the justification for the Aspect Area boundaries?	Break of slope at edge of solid geology massif adjacent to valleys and county boundary to S,
Evaluation Matrix	
Evaluation Criteria: Research Value	High (Distinctive tectonically controlled topography. Includes Machynlleth Railway Station pRIGS and Forge Penegoes pRIGS.)
Evaluation Criteria: Educational Value	High (Distinctive tectonically controlled topography. Includes Machynlleth Railway Station pRIGS and Forge Penegoes pRIGS.)
Evaluation Criteria: Historical Value	High (Key part of well known Machynlleth Inlier.)
Evaluation Criteria: Rarity / Uniqueness	Moderate (Key part of well known Machynlleth Inlier, although general geology also seen elsewhere.)
Evaluation Criteria: Classic Example	Moderate (Key part of well known Machynlleth Inlier.)
Evaluation Criteria: Overall Evaluation	High (Distinctive tectonically controlled topography. Includes Machynlleth Railway Station pRIGS and Forge Penegoes pRIGS.)
Justification of overall evaluation	Distinctive tectonically controlled topography. Includes Machynlleth Railway Station pRIGS and Forge Penegoes pRIGS.
Bibliography	
List the key sources used for this assessment	British Geological Survey (1984) Sheet 163: Aberystwyth (1:50000);Davies, et al. (1978), Geology of Powys in outcrop (PCC); Ordnance Survey (1999d), Explorer 215 (1:25,000 scale); Woodcock and Bassett (1993), Geological excursions in Powys, Central Wales (UWP).
Assessment	
Additional Assessments	None.
Additional Comments	Additional Level 4 features include: Stream; Disused quarry; Natural crags and inland outcrops.
Monitoring	
Has the information ever been verified in the field?	Yes (Field transect.)
Does this area have a special or functional link with an adjacent area?	No
Description	
If Classification is "Other", specify here	Tectonically controlled hills and escarpments.
Recommendations	
Existing management remarks:	Dominantly rural area with some urban development.
Description	
Where bedrock dominated, what is the dominant bedrock type?	Sedimentary
Where bedrock dominated, what is the age that characterises the aspect area?	Silurian
Where bedrock dominated, what is the major rock lithogy (-ies)?	

Geological Landscape	
Aspect Area Name	Penegoes
Aspect Area Classification	Lowland hills and valleys/Lowland glacial and fluvioglacial depositional terrain/Other (Level 3)
Aspect Area Code	MNTGMGL105
Date Of Survey : 25/10/2005	
	

Description	
What is the geographical and topographical character of this area?	Cwm, valley fill and platform on the south side of the Dovey valley, probably including terrace deposits and till.
What is the characteristic Level 3 component of the area?	Other (Glacial/fluvioglacial valley deposits)
Which of the following is a significant contributor to the geological character of the area?	Stratigraphic formation(s) (Bedrock includes Llandovery (Lower Silurian) mudrocks (Telychian).) Superficial deposits (?River terrace deposits, till (Quaternary: Pleistocene).) Active processes (Fluvial) Past processes (Glacial, fluvial.)
What active geological and geomorphological processes are significant in this area?	Stream.
Are there components of significant hydrological importance?	Yes (Streams.)
Are there any pedological processes that are significant in the area or have had a landscape forming effect?	Not known
Is there current mineral extraction?	No
Has there been mineral extraction in the past?	Yes (Slaty mudrocks?)
Are there SSSI/GCR sites here?	No
Are there geological SINC, 2nd tier, or RIGS sites in the area?	No
Evaluation	
Value	Moderate (Representative geological / geomorphological features: Significant sites not noted.)
Condition	Good (Dominantly rural area with limited development.)
Trend	Constant (Dominantly rural area with limited development.)
Recommendations	
Existing management	Generally Appropriate
Principal management recommendations	Ensure that no significant features of geological or geomorphological significance are lost/damaged due to development, etc.
Guideline	Long Term (Ensure that no significant features of geological or geomorphological significance are lost/damaged due to development, etc.)
Tolerance To Change	

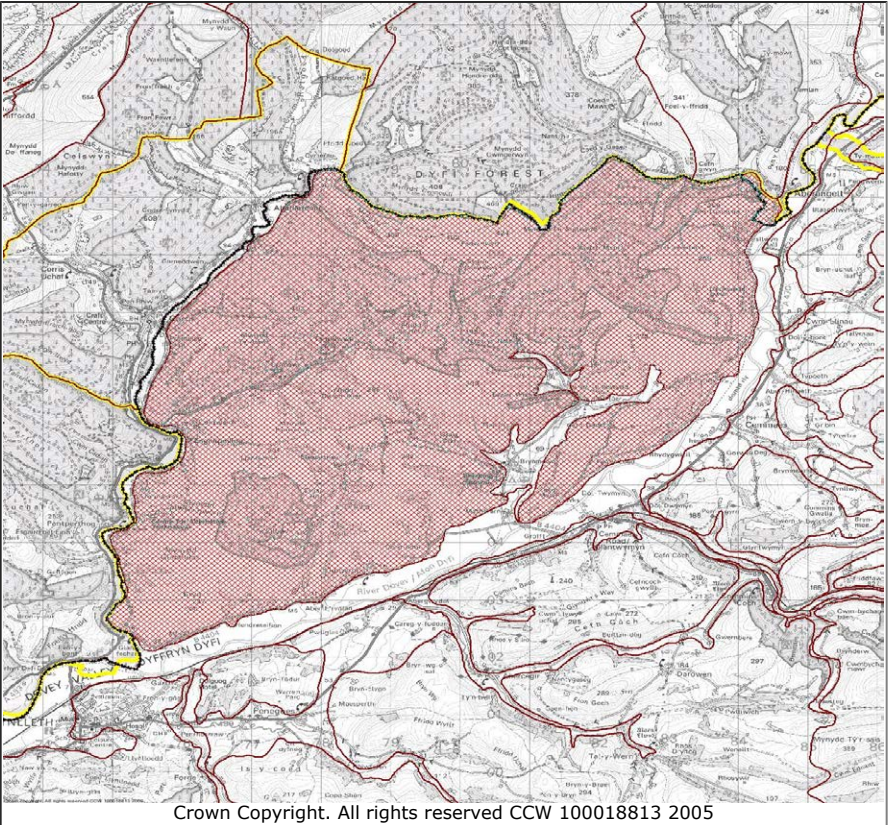
Are there any significant threats to the current integrity and condition of the Earth Heritage features of the area?	No
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	None (Aspect Area boundaries surveyed at 1:10,000, mapped at 1:25,000.)
What baseline information source was used for Aspect Area boundary mapping?	Other (British Geological Survey maps, aerial photographs, OS 1:25,000 Landranger topographical map.)
If OS Data was used, what was the scale?	1:25,000
What is the justification for the Aspect Area boundaries?	Break of slope at base of surrounding slopes and low feature at edge of platform formed by AA on south side of the Dovey valley.
Evaluation Matrix	
Evaluation Criteria: Research Value	Moderate (Representative geological / geomorphological features likely to be present: Significant sites not noted.)
Evaluation Criteria: Educational Value	Low (Significant sites not noted.)
Evaluation Criteria: Historical Value	Low (Significant sites not noted.)
Evaluation Criteria: Rarity / Uniqueness	Moderate (Representative geological / geomorphological features likely to be present: Significant sites not noted.)
Evaluation Criteria: Classic Example	Low (Representative geological / geomorphological features likely to be present: Significant sites not noted.)
Evaluation Criteria: Overall Evaluation	Moderate (Representative geological / geomorphological features likely to be present: Significant sites not noted.)
Justification of overall evaluation	Representative geological / geomorphological features likely to be present: Significant sites not noted.
Bibliography	
List the key sources used for this assessment	British Geological Survey (1994b), The Rocks of Wales / Gregiau Cymru (1:250000); Ordnance Survey (1999d), Explorer 215 (1:25,000 scale).
Assessment	
Additional Assessments	N/A.
Additional Comments	Additional Level 4 features include: Stream; Disused quarry.
Monitoring	
Has the information ever been verified in the field?	Yes (Transect.)
Does this area have a special or functional link with an adjacent area?	Yes (Area of glacial-dominated drift on the south side of the Dovey valley.)
Description	
If Classification is "Other", specify here	Glacial/fluvioglacial valley deposits.
Recommendations	
Existing management remarks:	Dominantly rural area with limited development.
Description	
Where drift dominated, what is the dominant drift deposit?	Glacial
Where drift dominated, what is the major sediment that characterises the area?	

Geological Landscape	
Aspect Area Name	Aberhosan
Aspect Area Classification	Lowland hills and valleys/Undulating lowland hill terrain/Undulating lowland hill terrain (Level 3)
Aspect Area Code	MNTGMGL394
Date Of Survey : 25/10/2005	
	
Description	
What is the geographical and topographical character of this area?	Broad basin with distinctly radiating drainage pattern. Generally with lowland character, the rise to the uplands of the Bryn Moel- Dylife area being marked by the base of an escarpment. Cut by drift-filled tributaries of the Dovey river to the NNW.
What is the characteristic Level 3 component of the area?	Undulating lowland hill terrain
Which of the following is a significant contributor to the geological character of the area?	Stratigraphic formation(s) (Dominated by Llandovery mudrocks (Lower Silurian, incl. Telychian).) Superficial deposits (Till probably widespread (Quaternary: Pleistocene).) Active processes (Stream, spring.) Past processes (Glacial.)
What Level 4 components are notable in this area?	Slope Spring
What active geological and geomorphological processes are significant in this area?	Stream, spring.
Are there components of significant hydrological importance?	Yes (Stream, spring.)
Are there any pedological processes that are significant in the area or have had a landscape forming effect?	Not known
Is there current mineral extraction?	No
Has there been mineral extraction in the past?	Yes (Stone, ?lead.)
Are there SSSI/GCR sites here?	No
Are there geological SINC, 2nd tier, or RIGS sites in the area?	No
Evaluation	
Value	Moderate (Typical landscape of widespread geological unit. No notable sites recorded.)
Condition	Good
Trend	Constant (Dominantly rural area with no significant development)
Recommendations	
Existing management	Generally Appropriate
Principal management recommendations	Maintain landscape character and ensure that no significant geological or geomorphological features are lost or damaged.
	Long Term (Maintain landscape character and ensure that no significant geological or geomorphological features are lost or damaged.)

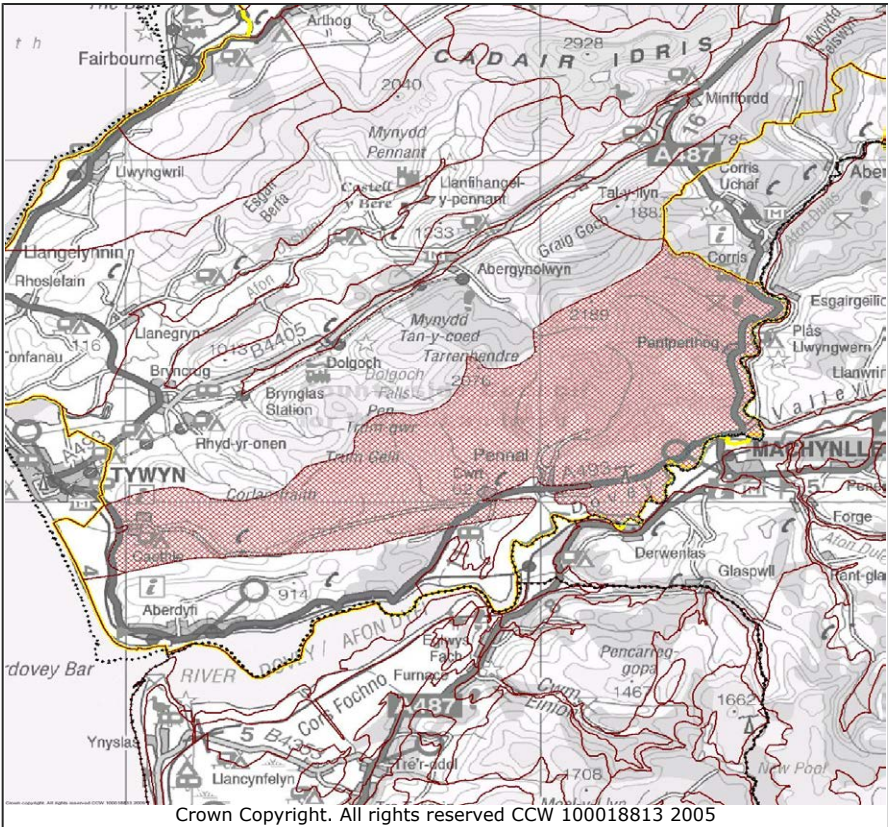
Guideline	Medium Term (No contemporary geological map available: encourage systematic geological mapping of the area to properly document geological character.)
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the Earth Heritage features of the area?	No
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	None (Aspect Area boundaries surveyed at 1:10,000, mapped at 1:25,000.)
What baseline information source was used for Aspect Area boundary mapping?	Other (British Geological Survey maps, aerial photographs, OS 1:25,000 Landranger topographical map.)
If OS Data was used, what was the scale?	1:25,000
What is the justification for the Aspect Area boundaries?	Breaks of slope at base of solid geology and edges of river/valley systems and base of escarpment of upland area to W and SW.
Evaluation Matrix	
Evaluation Criteria: Research Value	Moderate (Typical landscape of widespread geological unit. No notable sites recorded.)
Evaluation Criteria: Educational Value	Low (No notable sites recorded.)
Evaluation Criteria: Historical Value	Low (No notable sites recorded.)
Evaluation Criteria: Rarity / Uniqueness	Low (Typical landscape of widespread geological unit. No notable sites recorded.)
Evaluation Criteria: Classic Example	Low (No notable sites recorded.)
Evaluation Criteria: Overall Evaluation	Moderate (Typical landscape of widespread geological unit. No notable sites recorded.)
Justification of overall evaluation	Typical landscape of widespread geological unit. No notable sites recorded.
Bibliography	
List the key sources used for this assessment	British Geological Survey. (1994) The Rocks of Wales / Gregiau Cymru (1:250000); Ordnance Survey (1999), Explorer 215 (1:25,000 scale); Ordnance Survey (2005), Explorer 213 (1:25,000 scale); Woodcock and Bassett (1993), Geological excursions in Powys, Central Wales (UWP).
Assessment	
Additional Assessments	None.
Additional Comments	Additional Level 4 features include: Stream; Disused quarry; Natural crags and inland outcrops; Mine shaft/adit.
Monitoring	
Has the information ever been verified in the field?	Yes (Field transect.)
Does this area have a special or functional link with an adjacent area?	No
Description	
If Classification is "Other", specify here	N/A.
Recommendations	
Existing management remarks:	Dominantly rural area with no significant development.
Description	
Where bedrock dominated, what is the dominant bedrock type?	Sedimentary
Where bedrock dominated, what is the age that characterises the aspect area?	Silurian
Where bedrock dominated, what is the major rock lithogy (-ies)?	

Existing management	Generally Appropriate
Principal management recommendations	Maintain landscape character and ensure that no significant geological or geomorphological features are lost or damaged.
Guideline	Long Term (Maintain landscape character and ensure that no significant geological or geomorphological features are lost or damaged.) Medium Term (No contemporary geological map available: encourage systematic geological mapping of the area to properly document geological character.)

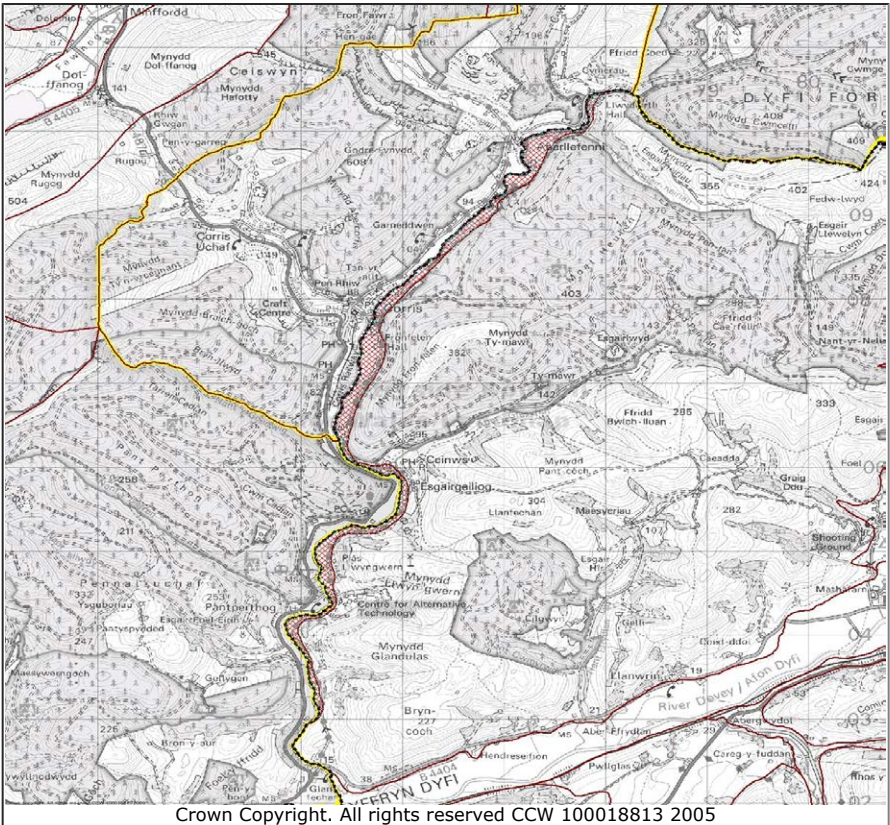
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the Earth Heritage features of the area?	No
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	None (Aspect Area boundaries surveyed at 1:10,000, mapped at 1:25,000.)
What baseline information source was used for Aspect Area boundary mapping?	Other (British Geological Survey maps, aerial photographs, OS 1:25,000 Landranger topographical map.)
If OS Data was used, what was the scale?	1:25,000
What is the justification for the Aspect Area boundaries?	Break of slope at base of solid geology massif and junction with valley systems.
Evaluation Matrix	
Evaluation Criteria: Research Value	Moderate (Typical landscape of geological unit. No notable sites recorded.)
Evaluation Criteria: Educational Value	Low (No notable sites recorded.)
Evaluation Criteria: Historical Value	Low (No notable sites recorded.)
Evaluation Criteria: Rarity / Uniqueness	Low (Typical landscape of geological unit. No notable sites recorded.)
Evaluation Criteria: Classic Example	Low (No notable sites recorded.)
Evaluation Criteria: Overall Evaluation	Moderate (Typical landscape of geological unit. No notable sites recorded.)
Justification of overall evaluation	Typical landscape of geological unit. No notable sites recorded.
Bibliography	
List the key sources used for this assessment	British Geological Survey. (1994) The Rocks of Wales / Gregiau Cymru (1:250000); Ordnance Survey (1999), Explorer 215 (1:25,000 scale); Woodcock and Bassett (1993), Geological excursions in Powys, Central Wales (UWP).
Assessment	
Additional Assessments	None.
Additional Comments	Additional Level 4 features include: Natural crags and inland outcrops.
Monitoring	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	Yes (Forms part of the Machynlleth Ordovician inlier.)
Description	
If Classification is "Other", specify here	Lowland hill/knoll
Recommendations	
Existing management remarks:	Rural area with no significant development.
Description	
Where bedrock dominated, what is the dominant bedrock type?	Sedimentary
Where bedrock dominated, what is the age that characterises the aspect area?	Ordovician
Where bedrock dominated, what is the major rock lithogy (-ies)?	

Geological Landscape	
Aspect Area Name	Dovey Forest
Aspect Area Classification	Mountain and upland valley/Glaciated mountain terrain/Mountain glacial-erosion terrain (Level 3)
Aspect Area Code	MNTGMGL488
Date Of Survey : 25/10/2005	
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Description	
What is the geographical and topographical character of this area?	Distinctly mountainous, rather than plateau-like massif, bordering Snowdonia on the north side of the Dovey valley (i...e... area heavily dissected by cwms and valleys, often with ridges between, rather than flattened surfaces)... Despite extensive forest cover, bed rock geology locally reveals a strong ground lineation with an E of N / W of S orientation...
What is the characteristic Level 3 component of the area?	Mountain glacial-erosion terrain
Which of the following is a significant contributor to the geological character of the area?	Stratigraphic formation(s) (Dominated by Llandovery slaty mudrocks with minor turbiditic sandstones (Lower Silurian, incl... Telychian)...) Superficial deposits (Till and other glacial deposist probably present in valleys (Quaternary: Pleistocene)...) Active processes (Fluvial...) Past processes (Glacial...)
What Level 4 components are notable in this area?	Lake / reservoir (artificial) Slope Hill top Cwm/corrie
What active geological and geomorphological processes are significant in this area?	Fluvial...
Are there components of significant hydrological importance?	Yes (Fluvial...)
Are there any pedological processes that are significant in the area or have had a landscape forming effect?	Not known
Is there current mineral extraction?	No
Has there been mineral extraction in the past?	Yes (Slaty mudrocks?)
Are there SSSI/GCR sites here?	No
Are there geological SINC, 2nd tier, or RIGS sites in the area?	No
Evaluation	
Value	Moderate (Major mountain-landscape feature adajacent to Snowdonia but geology not well known and no notable sites recorded...)
Condition	Good (Rural area with no significant development...)
Trend	Constant (Rural area with no significant development...)
Recommendations	

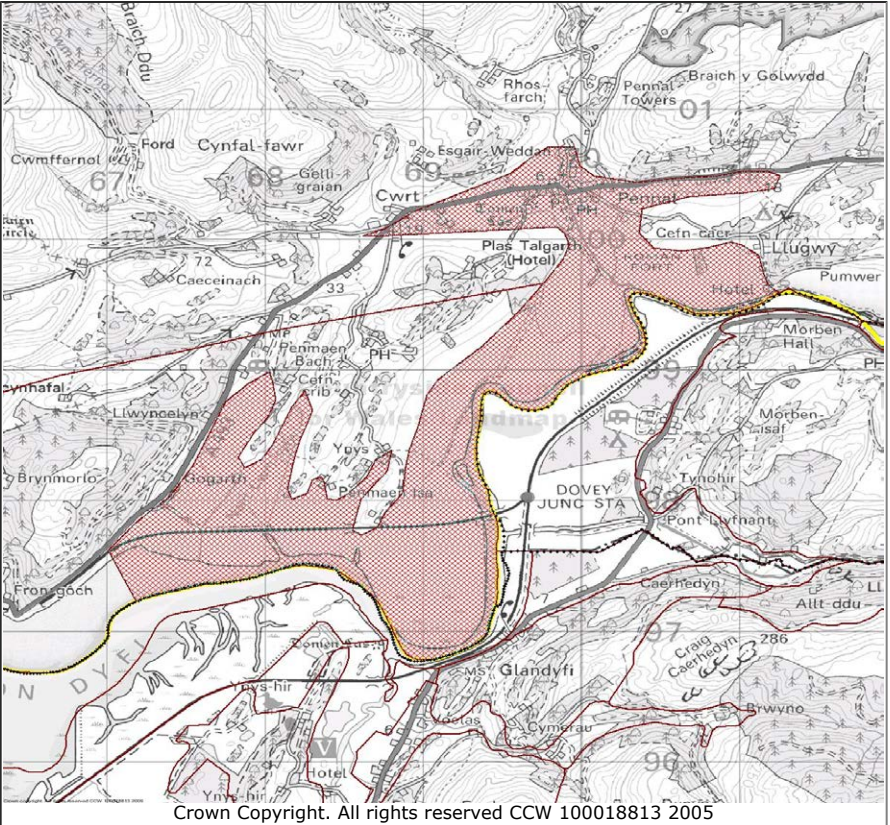
Existing management	Generally Appropriate
Principal management recommendations	Maintain landscape character and ensure that no significant geological or geomorphological features are lost or damaged...
Guideline	Long Term (Maintain landscape character and ensure that no significant geological or geomorphological features are lost or damaged...) Medium Term (No contemporary geological map available: encourage systematic geological mapping of the area to properly document geological character...)
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the Earth Heritage features of the area?	No
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	None (Aspect Area boundaries surveyed at 1:10,000, mapped at 1:25,000...)
What baseline information source was used for Aspect Area boundary mapping?	Other (British Geological Survey maps, aerial photographs, OS 1:25,000 Landranger topographical map...)
If OS Data was used, what was the scale?	1:25,000
What is the justification for the Aspect Area boundaries?	Break of slope at base of solid geology massif and junction with valley systems...
Evaluation Matrix	
Evaluation Criteria: Research Value	High (Major mountain-landscape feature adajacent to Snowdonia but geology not well known and no notable sites recorded...)
Evaluation Criteria: Educational Value	Moderate (No notable sites recorded...)
Evaluation Criteria: Historical Value	Low (No notable sites recorded...)
Evaluation Criteria: Rarity / Uniqueness	Moderate (Major mountain-landscape feature adajacent to Snowdonia but geology not well known and no notable sites recorded...)
Evaluation Criteria: Classic Example	Moderate (Major mountain-landscape feature adajacent to Snowdonia...)
Evaluation Criteria: Overall Evaluation	Moderate
Justification of overall evaluation	Major mountain-landscape feature adajacent to Snowdonia but geology not well known and no notable sites recorded...
Bibliography	
List the key sources used for this assessment	British Geological Survey... (1994) The Rocks of Wales / Gregiau Cymru (1:250000); Ordnance Survey (1999), Explorer 215 (1:25,000 scale); Ordnance Survey (2002), Explorer 23 (1:25,000 scale); Woodcock and Bassett (1993), Geological excursions in Powys, Central Wales (UWP)...
Assessment	
Additional Assessments	None...
Additional Comments	Additional Level 4 features include: Stream; Disused quarry; Natural crags and inland outcrops...
Monitoring	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	No
Description	
If Classification is "Other", specify here	N/A...
Recommendations	
Existing management remarks:	Rural area with no significant development...
Description	
Where bedrock dominated, what is the dominant bedrock type?	Sedimentary
Where bedrock dominated, what is the age that characterises the aspect area?	Silurian
Where bedrock dominated, what is the major rock lithogy (-ies)?	

Geological Landscape	
Aspect Area Name	Moel Maesywerngoch
Aspect Area Classification	Mountain and upland valley/Glaciated mountain terrain/Glacial mountain valley (Level 3)
Aspect Area Code	SNPGL045
Date Of Survey : 01/11/2003	
	
Description	
What is the geographical and topographical character of this area?	South-facing rounded slopes of Dyfi valley, with tributaries in cwms, in S-dipping Ordovician-Silurian succession dominantly of mudstones, with some turbiditic sandstones. NE-SW U-shaped Cwm Dwr valley, NW-SE V-shaped tributary valleys,. Dip south overall, but folded into regional synforms & antiforms with N-S to NE-SW axes. Major E-W faults bound area to south - Silwi Fault along part of Cwm Maethlon, Pennal Fault. Boulder clay, head and alluvium in Cwm Dwr valley floor, otherwise patchy boulder clay, moraine, peat, head. Disused adits, mines (e.g. Caethle - Zn, Pb) and slate quarries.
What is the characteristic Level 3 component of the area?	Glacial mountain valley
Which of the following is a significant contributor to the geological character of the area?	Stratigraphic formation(s) (U Ordovician - L Silurian) Superficial deposits (Boulder clay, alluvium, peat, head, moraine) Structural features (Regional synforms & antiforms N-S to NE-SW, major E-W faults e.g. Silwi Fault, Pennal Fault) Active processes (Fluvial) Past processes (Glacial,. periglacial)
What additional subsidiary Level 3 components are notable?	Upland valley slope Active upland river or stream channel system Mineral workings
What Level 4 components are notable in this area?	Moraine Cwm/corrie Glacial U-shaped valley Coal / mineral spoil tips
What active geological and geomorphological processes are significant in this area?	Fluvial
Are there components of significant hydrological importance?	Yes (GL/H/3 Afon Dyfi)
Are there any pedological processes that are significant in the area or have had a landscape forming effect?	Yes (Negligable permeability soils)
Is there current mineral extraction?	No
Has there been mineral extraction in the past?	Yes (adits, mines (eg Caethle - Zn, Pb) and slate quarries)
Are there SSSI/GCR sites here?	No
Are there geological SINC, 2nd tier, or RIGS sites in the area?	No
Evaluation	
Value	High (U Ordovician-L Silurian stratigraphy, disused mines and slate quarries)

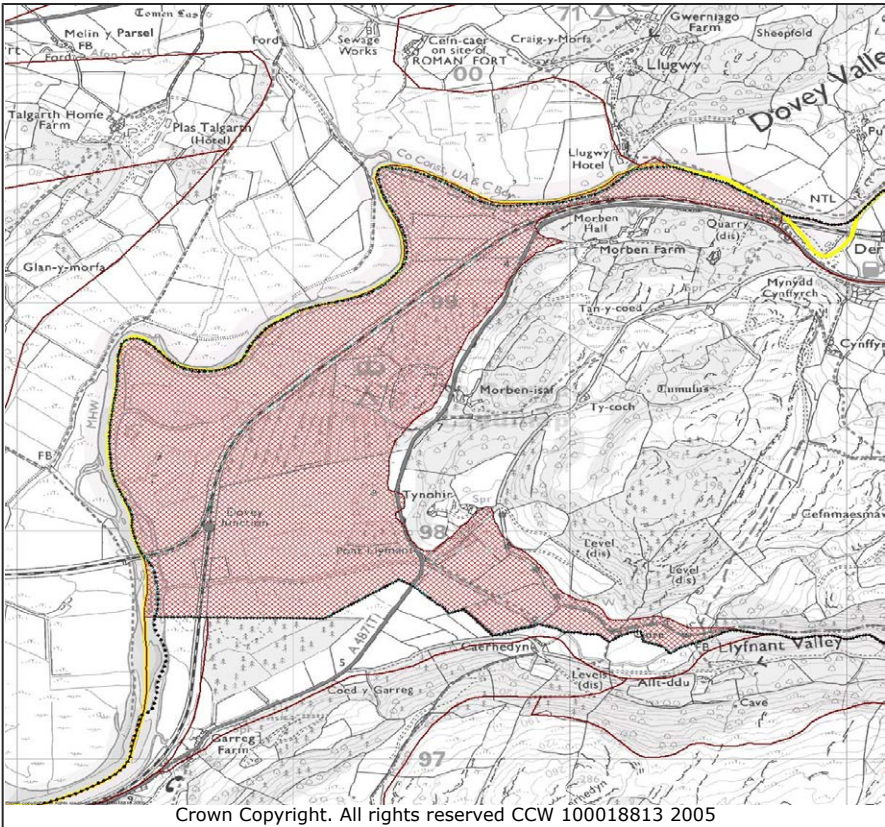
Condition	Good (Partly wooded upland valley slopes)
Trend	Constant
Recommendations	
Existing management	Generally Appropriate
Principal management recommendations	Conserve as existing
Guideline	Long Term (Preserve geomorphological integrity within Snowdonia National Park strategic plan)
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the Earth Heritage features of the area?	Not known
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	None
What baseline information source was used for Aspect Area boundary mapping?	Other (1:25 000 OS Explorer Map Sheets; 1:50 000 BGS Geological Map Sheets; Digital Terrain Model compiled from OS panorama digital terrain data (50m resolution))
If OS Data was used, what was the scale?	1:25,000
What is the justification for the Aspect Area boundaries?	S-facing slopes of Dyfi U-shaped valley
Evaluation Matrix	
Evaluation Criteria: Research Value	High (U Ordovician-L Silurian stratigraphy, disused mines and slate quarries)
Evaluation Criteria: Educational Value	Unassessed
Evaluation Criteria: Historical Value	High (U Ordovician-L Silurian stratigraphy, disused mines and slate quarries)
Evaluation Criteria: Rarity / Uniqueness	High
Evaluation Criteria: Classic Example	High
Evaluation Criteria: Overall Evaluation	High (U Ordovician-L Silurian stratigraphy, disused mines and slate quarries)
Justification of overall evaluation	U Ordovician-L Silurian stratigraphy, disused mines and slate quarries
Bibliography	
List the key sources used for this assessment	1:50 000 BGS Geological Map Sheet 149 Cadair Idris (Solid and Drift) 1995; Digital Terrain Model compiled from OS panorama digital terrain data (50m resolution); 1:625 000 Geological Map of the UK: Quaternary Geology, S sheet, 1977; 1:100 000 Groundwater Vulnerability Map, Environment Agency. Sheet 20, Meirionnydd, 1997; 1:25 000 OS Explorer Map Sheet 23, Cadair Idris & Bala Lake, 2002; Pratt, W.T., Woodhall, D.G. and Howells, M.F., 1995. Geology of the country around Cadair Idris. Memoir of the British Geological Survey, Sheet 149 (England and Wales), H.M.S.O., London.
Assessment	
Additional Assessments	
Additional Comments	South-facing rounded slopes of Dyfi valley, with V- to U-shaped tributary valleys, in S-dipping Ordovician-Silurian sedimentary successions. Mines and slate quarries
Monitoring	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	No
Description	
If Classification is "Other", specify here	
Recommendations	
Existing management remarks:	

Geological Landscape	
Aspect Area Name	Dulas (NW)
Aspect Area Classification	Mountain and upland valley/Upland and mountain river and stream/Active upland river or stream channel system (Level 3)
Aspect Area Code	MNTGMGL671
Date Of Survey : 25/10/2005	
	
Description	
What is the geographical and topographical character of this area?	Incised meandering river and floodplain forming the county boundary. Flows between mountains, hence upland style despite being at slightly lower altitude. Marginal terrace-like areas probably include and apron of glacial deposits.
What is the characteristic Level 3 component of the area?	Active upland river or stream channel system
Which of the following is a significant contributor to the geological character of the area?	Superficial deposits (Alluvium, glacial deposits incl. till? (Quaternary: Pleistocene-Recent).) Active processes (Fluvial.) Past processes (Glacial.)
What additional subsidiary Level 3 components are notable?	Ancient upland river / stream systems
What Level 4 components are notable in this area?	River channel (natural) Flood plain River terrace
What active geological and geomorphological processes are significant in this area?	Fluvial.
Are there components of significant hydrological importance?	Yes (Afon Dulas.)
Are there any pedological processes that are significant in the area or have had a landscape forming effect?	No
Is there current mineral extraction?	No
Has there been mineral extraction in the past?	Not known
Are there SSSI/GCR sites here?	No
Are there geological SINC, 2nd tier, or RIGS sites in the area?	No
Evaluation	
Value	Moderate (Typical landscape of geomorphological feature and deposits. No notable sites recorded.)
Condition	Good (Rural area with no significant development.)
Trend	Constant (Rural area with no significant development.)
Recommendations	
Existing management	Generally Appropriate
Principal management recommendations	Maintain natural evolving system, minimise future intervention and ensure that no significant geological or geomorphological features are lost or damaged.

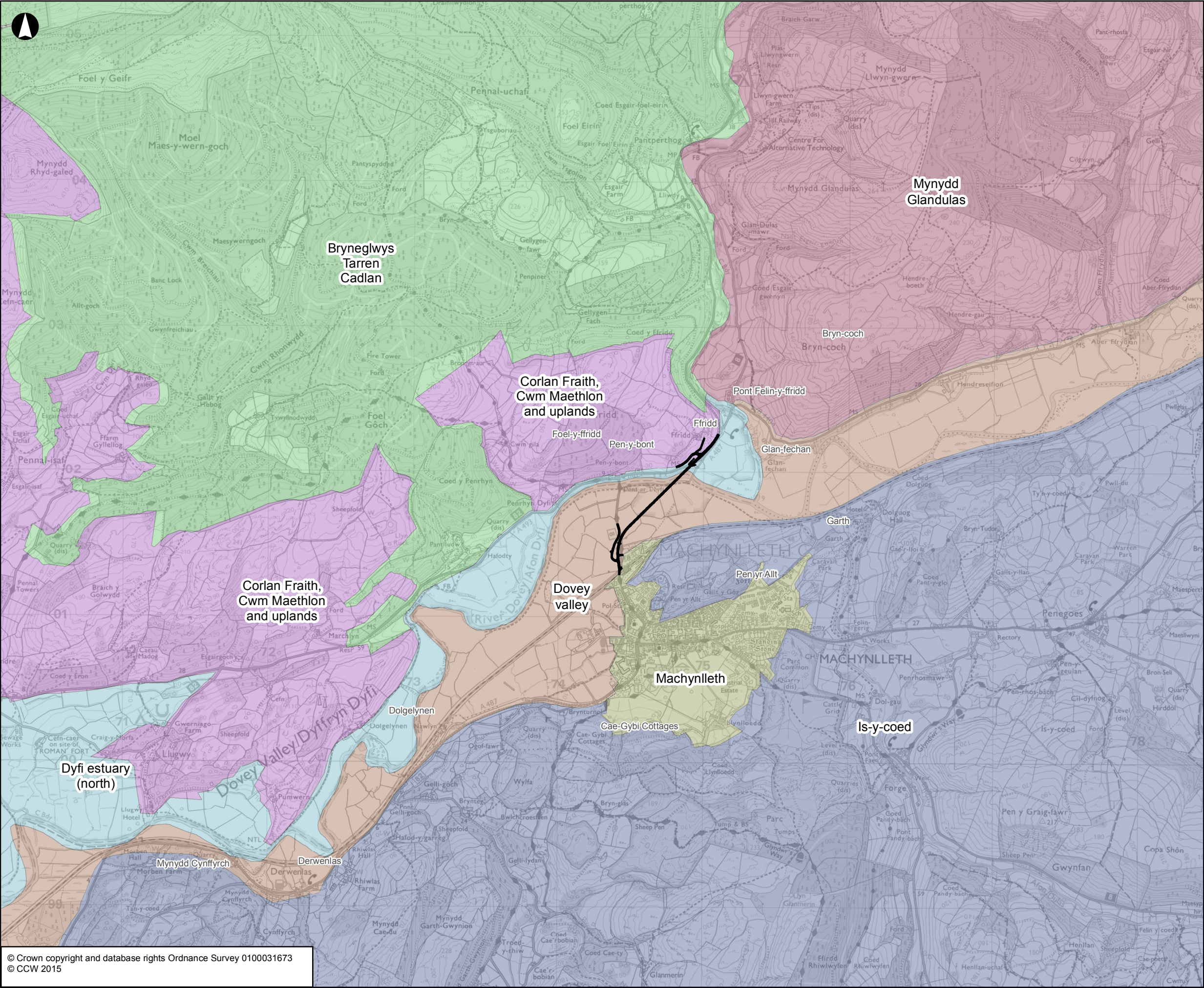
Guideline	Long Term (Maintain natural evolving system, minimise future intervention and ensure that no significant geological or geomorphological features are lost or damaged.) Medium Term (Maintain natural evolving system, minimise future intervention and ensure that no significant geological or geomorphological features are lost or damaged.)
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the Earth Heritage features of the area?	Yes (Inappropriate development (e.g. reservoirs, industry, etc.), especially where key features related to the evolution of the valley complex are present (e.g. deposits, characteristic landforms, etc.). No such loss should be considered appropriate in terms of geological heritage management.)
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	None (Aspect Area boundaries surveyed at 1:10,000, mapped at 1:25,000.)
What baseline information source was used for Aspect Area boundary mapping?	Other (British Geological Survey maps, aerial photographs, OS 1:25,000 Landranger topographical map.)
If OS Data was used, what was the scale?	1:25,000
What is the justification for the Aspect Area boundaries?	Break of slope at base of solid geology massif and junction with valley systems, also County boundary.
Evaluation Matrix	
Evaluation Criteria: Research Value	Moderate (Typical landscape of geomorphological feature and deposits. No notable sites recorded.)
Evaluation Criteria: Educational Value	Low (No notable sites recorded.)
Evaluation Criteria: Historical Value	Low (No notable sites recorded.)
Evaluation Criteria: Rarity / Uniqueness	Low (Typical landscape of geomorphological feature and deposits. No notable sites recorded.)
Evaluation Criteria: Classic Example	Low (No notable sites recorded.)
Evaluation Criteria: Overall Evaluation	Moderate (Typical landscape of geomorphological feature and deposits. No notable sites recorded.)
Justification of overall evaluation	Typical landscape of geomorphological feature and deposits. No notable sites recorded.
Bibliography	
List the key sources used for this assessment	Ordnance Survey (1999), Explorer 215 (1:25,000 scale); Ordnance Survey (2002), Explorer 23 (1:25,000 scale).
Assessment	
Additional Assessments	None.
Additional Comments	Additional Level 4 features include: Meander.
Monitoring	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	Yes (Tributary of the Dulas.)
Description	
If Classification is "Other", specify here	N/A.
Recommendations	
Existing management remarks:	Rural area with no significant development.
Description	
Where drift dominated, what is the dominant drift deposit?	Fluvial
Where drift dominated, what is the major sediment that characterises the area?	

Geological Landscape	
Aspect Area Name	Afon Dyfi
Aspect Area Classification	Mountain and upland valley/Upland and mountain river and stream/Active upland river or stream channel system (Level 3)
Aspect Area Code	SNPGL035
Date Of Survey	01/11/2003
	
Description	
What is the geographical and topographical character of this area?	NE-SW to ENE-WSW, broad U-shaped Dyfi valley floor, covered with alluvium. Fault controlled by ENE-WSW Pennal Fault along eastern (higher) valley.
What is the characteristic Level 3 component of the area?	Active upland river or stream channel system
Which of the following is a significant contributor to the geological character of the area?	Superficial deposits (Alluvium) Structural features (ENE-WSW Pennal Fault) Active processes (Fluvial) Past processes (Glacial)
What additional subsidiary Level 3 components are notable?	Ancient upland river / stream systems Glacial mountain valley Other (Fault controlled valley)
What Level 4 components are notable in this area?	Flood plain
What active geological and geomorphological processes are significant in this area?	Fluvial
Are there components of significant hydrological importance?	Yes (GL/H/3 Dyfi)
Are there any pedological processes that are significant in the area or have had a landscape forming effect?	Yes (Intermediate to high permeability soils)
Is there current mineral extraction?	No
Has there been mineral extraction in the past?	No
Are there SSSI/GCR sites here?	Yes (Dyfi SN 635 950)
Are there geological SINC, 2nd tier, or RIGS sites in the area?	No
Evaluation	
Value	Outstanding (SSSI Dyfi SN 635 950; Recent alluvial sediments, U-shaped valley)
Condition	Good (Dynamic river floodplain environment)
Trend	Constant
Recommendations	
Existing management	Generally Appropriate

Principal management recommendations	Conserve as existing
Guideline	Long Term (Dynamic environment - no geoconservation priorities apart from SSSI)
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the Earth Heritage features of the area?	Not known
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	None
What baseline information source was used for Aspect Area boundary mapping?	Other (1:25 000 OS Explorer Map Sheets; 1:50 000 BGS Geological Map Sheets; Digital Terrain Model compiled from OS panorama digital terrain data (50m resolution))
If OS Data was used, what was the scale?	1:25,000
What is the justification for the Aspect Area boundaries?	Alluvial valley floor
Evaluation Matrix	
Evaluation Criteria: Research Value	Outstanding (SSSI Dyfi SN 635 950; Recent alluvial sediments, U-shaped valley)
Evaluation Criteria: Educational Value	Unassessed
Evaluation Criteria: Historical Value	Low (U-shaped valley)
Evaluation Criteria: Rarity / Uniqueness	Outstanding (SSSI Dyfi SN 635 950; Recent alluvial sediments, U-shaped valley)
Evaluation Criteria: Classic Example	High (SSSI Dyfi SN 635 950; Recent alluvial sediments, U-shaped valley)
Evaluation Criteria: Overall Evaluation	Outstanding (SSSI Dyfi SN 635 950)
Justification of overall evaluation	SSSI Dyfi SN 635 950; Recent alluvial sediments, U-shaped valley
Bibliography	
List the key sources used for this assessment	1:50 000 BGS Geological Map Sheet 149 Cadair Idris (Solid and Drift) 1995; Digital Terrain Model compiled from OS panorama digital terrain data (50m resolution); 1:625 000 Geological Map of the UK: Quaternary Geology, S sheet, 1977;1:100 000 Groundwater Vulnerability Map, Environment Agency. Sheet 20, Meirionnydd, 1997; 1:25 000 OS Explorer Map Sheet 23, Cadair Idris & Bala Lake, 2002; Pratt, W.T., Woodhall, D.G. and Howells, M.F., 1995. Geology of the country around Cadair Idris. Memoir of the British Geological Survey, Sheet 149 (England and Wales), H.M.S.O., London.
Assessment	
Additional Assessments	
Additional Comments	U-shaped Dyfi valley floor with broad area of alluvium. Fault controlled by ENE-WSW Pennal Fault along eastern (higher) part
Monitoring	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	No (SNPGL035)
Description	
If Classification is "Other", specify here	
Recommendations	
Existing management remarks:	

Geological Landscape	
Aspect Area Name	Dovey Junction
Aspect Area Classification	Coastal/Estuary/Other (Level 3)
Aspect Area Code	MNTGMGL179
Date Of Survey : 25/10/2005	
	
Description	
What is the geographical and topographical character of this area?	Section of Dovey estuary with section of reclaimed, former saltmarsh, below normal tidal limit of the river. Area flat including drainage channels and some forest.
What is the characteristic Level 3 component of the area?	Other (Reclaimed saltmarsh/mudflat.)
Which of the following is a significant contributor to the geological character of the area?	Superficial deposits (Estuarine alluvium (Quaternary: Recent)) Active processes (Fluvial, estuarine.) Past processes (Estuarine.)
What Level 4 components are notable in this area?	River channel (natural)
What active geological and geomorphological processes are significant in this area?	Fluvial. Estuarine.
Are there components of significant hydrological importance?	Yes (Tidal river.)
Are there any pedological processes that are significant in the area or have had a landscape forming effect?	Not known
Is there current mineral extraction?	No
Has there been mineral extraction in the past?	Not known
Are there SSSI/GCR sites here?	No
Are there geological SINC, 2nd tier, or RIGS sites in the area?	No
Evaluation	
Value	Moderate (Although system no longer natural, sediments may contain significant record.)
Condition	Fair
Trend	Constant (System no longer natural but no further damaging activities apparent.)
Recommendations	
Existing management	Generally Appropriate
Principal management recommendations	Maintain landscape character and ensure that no significant geological or geomorphological features are lost or damaged.
Guideline	Long Term (Maintain landscape character and ensure that no significant geological or geomorphological features are lost or damaged.)
Tolerance To Change	

Are there any significant threats to the current integrity and condition of the Earth Heritage features of the area?	No
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	None (Aspect Area boundaries surveyed at 1:10,000, mapped at 1:25,000.)
What baseline information source was used for Aspect Area boundary mapping?	Other (British Geological Survey maps, aerial photographs, OS 1:25,000 Landranger topographical map.)
If OS Data was used, what was the scale?	1:25,000
What is the justification for the Aspect Area boundaries?	County boundary and edge of level alluvium/junction with solid geology slopes beyond.
Evaluation Matrix	
Evaluation Criteria: Research Value	Moderate (Although system no longer natural, sediments may contain significant record.)
Evaluation Criteria: Educational Value	Low (No significant sites recorded.)
Evaluation Criteria: Historical Value	Low (No significant sites recorded.)
Evaluation Criteria: Rarity / Uniqueness	Low (No significant sites recorded.)
Evaluation Criteria: Classic Example	Low (No significant sites recorded.)
Evaluation Criteria: Overall Evaluation	Moderate (Although system no longer natural, sediments may contain significant record.)
Justification of overall evaluation	Although system no longer natural, sediments may contain significant record.
Bibliography	
List the key sources used for this assessment	British Geological Survey (1984) Sheet 163: Aberystwyth (1:50000); Ordnance Survey (2002), Explorer 23 (1:25,000 scale).
Assessment	
Additional Assessments	None.
Additional Comments	Additional Level 4 features include: Stream; Meander.
Monitoring	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	No
Description	
If Classification is "Other", specify here	Reclaimed saltmarsh/mudflat.
Recommendations	
Existing management remarks:	System no longer natural but no further damageing activities apparent.
Description	
Where drift dominated, what is the dominant drift deposit?	Coastal
Where drift dominated, what is the major sediment that characterises the area?	



Legend

- Proposed Scheme
- Bryneglwys Tarren Cadlan
- Corlan Fraith, Cwm Maethlon and uplands
- Dovey valley
- Dyfi estuary (north)
- Is-y-coed
- Machynlleth
- Mynydd Glandulas

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Metres

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Client



Llywodraeth Cymru
Welsh Government

Project Title

A487 New Dyfi Bridge

Drawing Title

**Figure 8.2.4
LANDMAP - Historic Landscape**

Scale at A3

1:25,000

Role

Specialist Designer - Environmental

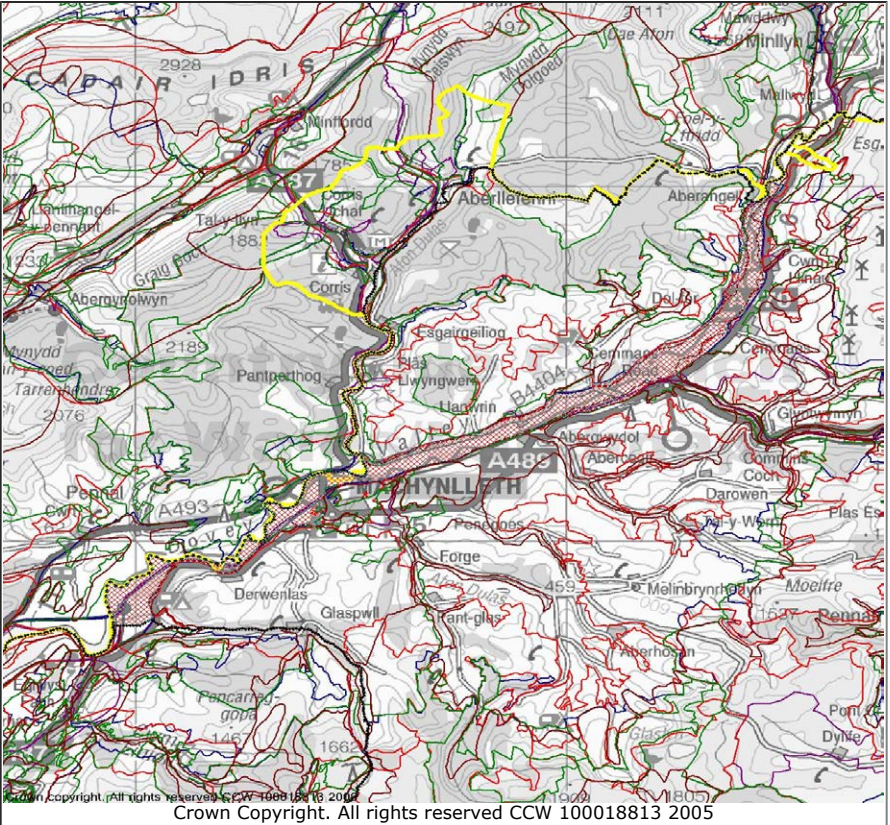
Suitability

S0 - Initial non-contractual

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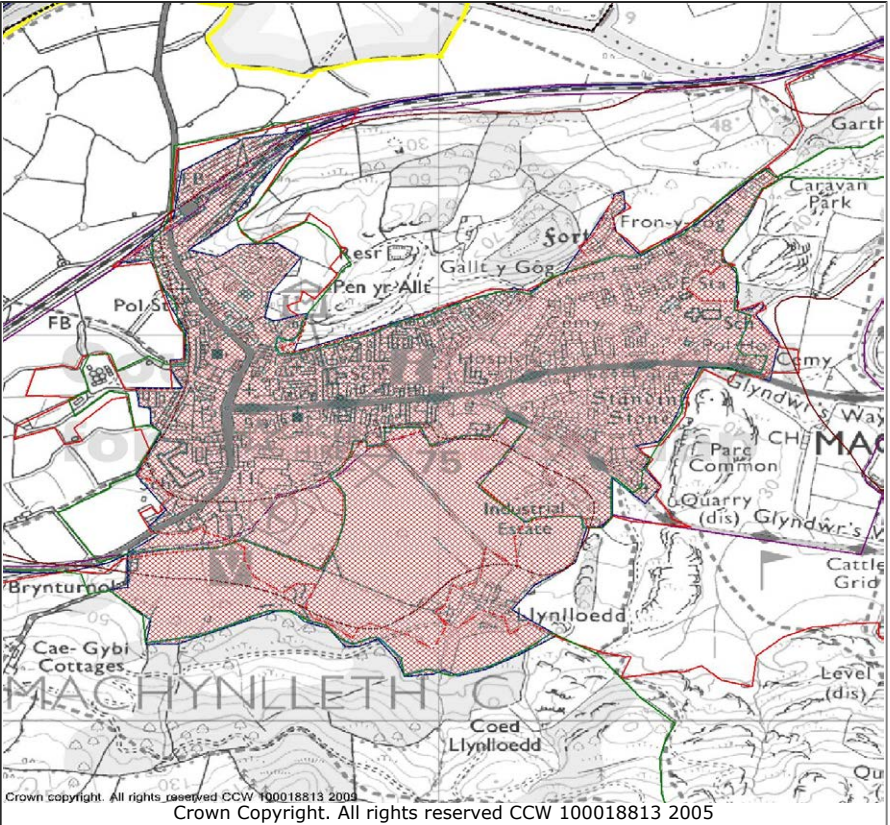
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Historic Landscape	
Aspect Area Name	Dovey valley
Aspect Area Classification	Rural environment/Agricultural/Regular Fieldscapes (Level 3)
Aspect Area Code	MNTGMHL288
Date Of Survey : 24/03/2006	
	

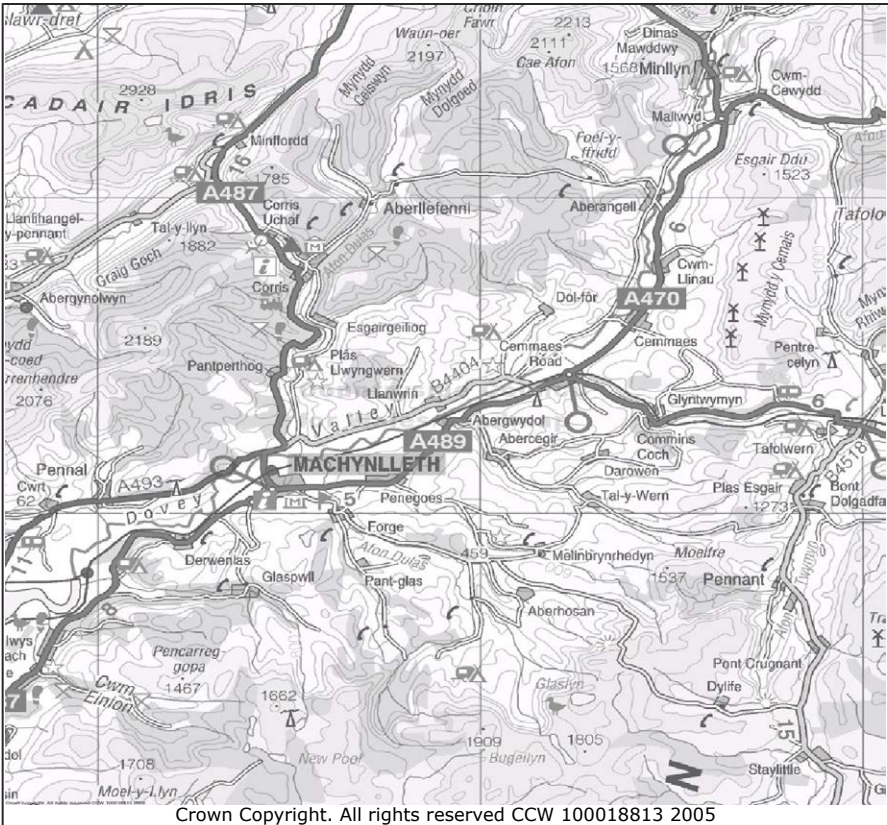
Monitoring	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	
Description	
If Classification is "Other", specify here	
Summary Description / Key Patterns and Elements	Mixed fieldscapes of large irregular and straight-sided fields probably mostly of post-medieval date along the valley floor of the river Dyfi between Machynlleth and Aberangell, with drained marshes and 20th-century conifer plantations west of Derwenlas. Scattered farms of post-medieval origin. The dismantled late 19th-century, narrow-gauge mineral railway from Cemmaes Road to quarries at Dinas Mawddwy runs through the area.
If working at level 3, the classification describes the dominant historic pattern, but which other patterns are important to the historical pattern of this area? (Tick all that apply)	Irregular Fieldscapes Reclaimed land Other Settlement Extractive
Which traditional boundary types prevail in the area? (Tick all that apply)	Hedgerow Hedgerow With Trees Hedgebank Post & Wire Fence
What is the nature of any significant archaeological interest in the area? (Tick all that apply)	Buried-dry Relict-Earthworks Relict-Stone Monuments Buildings & Structures Documentary
Which chronological period is dominant in the area?	Post Medieval (1536+)
Has a Historic Landscape Characterisation been undertaken here?	No
Are there SMR sites here?	Yes
Are there SAMs here?	No
Are there Listed Buildings here?	Yes
Are there Registered Historic Parks and Gardens here?	No
Are there Conservation Areas here?	No

Are there World Heritage Sites here?	No
Is the area within a Registered Landscape of Historic Interest?	No
Evaluation	
Value:	High
Condition:	
Trend:	
Recommendations	
Existing management	
Existing management remarks:	
Principal management recommendations	
Guideline	
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:10,000
What is the justification for the Aspect Area boundaries?	Defined with reference to topography and field pattern...
Evaluation Matrix	
Evaluation Criteria: Integrity	High (See overall justification.)
Evaluation Criteria: Survival	N/A (See overall justification.)
Evaluation Criteria: Condition	Moderate (See overall justification.)
Evaluation Criteria: Rarity	Rare (See overall justification.)
Evaluation Criteria: Potential	Considerable (See overall justification.)
Evaluation Criteria: Overall Evaluation	High (See overall justification.)
Justification of overall evaluation	An area of regular fieldscape occupying the narrow floor of the Dovey valley. Dominated by sundry post medieval agricultural elements, but without significant historical focus. Potential for buried and waterlogged landscape.
Bibliography	
List the key sources used for this assessment	See general bibliography in Technical Report, and sources quoted in Regional Historic Environment Record...
Assessment	
Additional Assessments	
Additional Comments	

Historic Landscape	
Aspect Area Name	Machynlleth
Aspect Area Classification	Built environment/Settlement/Nucleated Settlement (Level 3)
Aspect Area Code	MNTGMHL979
Date Of Survey : 22/03/2006	
	

Monitoring	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	
Description	
If Classification is "Other", specify here	
Summary Description / Key Patterns and Elements	Market town of medieval origin with late medieval and early post-medieval buildings in the historic core of the town. 19th-century and early 20th-century country house and associated registered gardens at Plas Machynlleth. Modern housing developments and industrial estates on the eastern side of the historic core of Machynlleth.
Which traditional boundary types prevail in the area? (Tick all that apply)	<input type="checkbox"/> Hedgerow <input type="checkbox"/> Hedgerow With Trees <input type="checkbox"/> Hedgebank <input type="checkbox"/> Post & Wire Fence <input type="checkbox"/> Dry Stone Walls <input type="checkbox"/> Stone-faced Drystone Wall
What is the nature of any significant archaeological interest in the area? (Tick all that apply)	<input type="checkbox"/> Buried-dry <input type="checkbox"/> Relict-Earthworks <input type="checkbox"/> Relict-Stone Monuments <input type="checkbox"/> Buildings & Structures <input type="checkbox"/> Documentary
Which chronological period is dominant in the area?	<input type="checkbox"/> Post Medieval (1536+) <input type="checkbox"/> Medieval (to 1536)
Has a Historic Landscape Characterisation been undertaken here?	No
Are there SMR sites here?	Yes
Are there SAMs here?	No
Are there Listed Buildings here?	Yes
Are there Registered Historic Parks and Gardens here?	Yes
Are there Conservation Areas here?	Yes
Are there World Heritage Sites here?	No

Is the area within a Registered Landscape of Historic Interest?	No
Evaluation	
Value:	High
Condition:	
Trend:	
Recommendations	
Existing management	
Existing management remarks:	
Principal management recommendations	
Guideline	
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:10,000
What is the justification for the Aspect Area boundaries?	Defined by existing settlement limits...
Evaluation Matrix	
Evaluation Criteria: Integrity	High (See overall justification.)
Evaluation Criteria: Survival	N/A (See overall justification.)
Evaluation Criteria: Condition	Moderate (See overall justification.)
Evaluation Criteria: Rarity	Representative (See overall justification.)
Evaluation Criteria: Potential	Exceptional (See overall justification.)
Evaluation Criteria: Overall Evaluation	High (See overall justification.)
Justification of overall evaluation	Small nucleated medieval town with modest modern expansion, including elements of designed landscape, and associations with Owain Glyndwr's parliament of 1403.
Bibliography	
List the key sources used for this assessment	See general bibliography in Technical Report, and sources quoted in Regional Historic Environment Record...
Assessment	
Additional Assessments	
Additional Comments	

Historic Landscape	
Aspect Area Name	Is-y-coed
Aspect Area Classification	Rural environment/Agricultural/Irregular Fieldsapes (Level 3)
Aspect Area Code	MNTGMHL289
Date Of Survey : 24/03/2006	
	

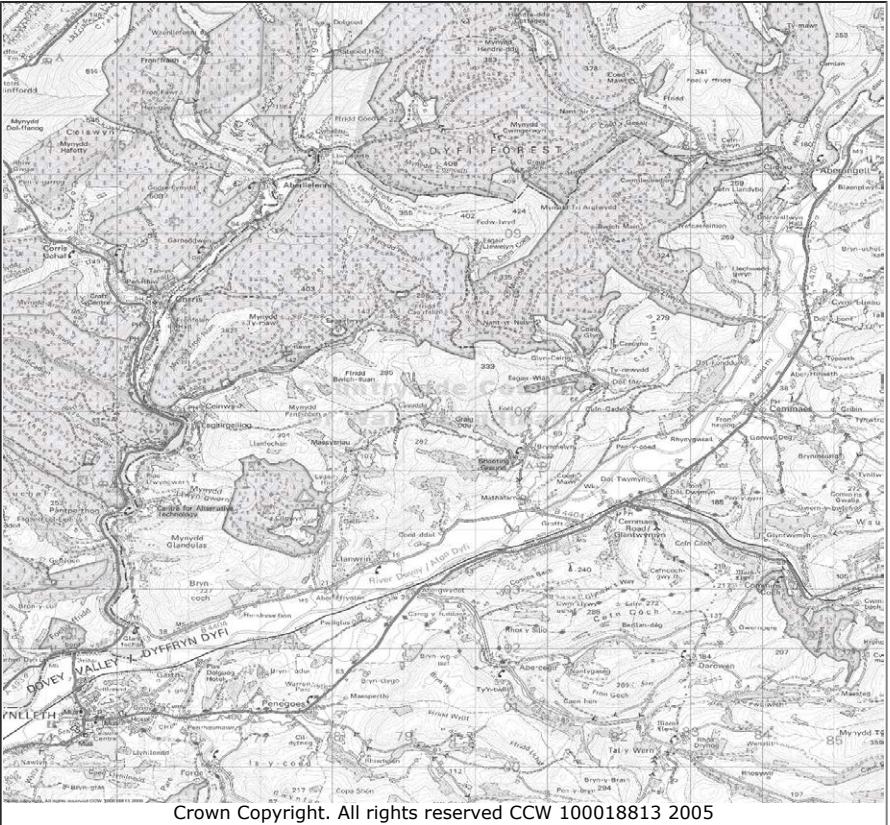
Description	
If working at level 3, the classification describes the dominant historic pattern, but which other patterns are important to the historical pattern of this area? (Tick all that apply)	Marginal Land Extractive Communications

Monitoring	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	

Description	
Which traditional boundary types prevail in the area? (Tick all that apply)	Hedgerow Hedgerow With Trees Hedgebank Post & Wire Fence
What is the nature of any significant archaeological interest in the area? (Tick all that apply)	Buried-dry Relict-Earthworks Relict-Stone Monuments Buildings & Structures Documentary Industrial Archaeology
Which chronological period is dominant in the area?	Post Medieval (1536+) Medieval (to 1536)
Has a Historic Landscape Characterisation been undertaken here?	No
Are there SMR sites here?	Yes
Are there SAMs here?	No
Are there Listed Buildings	

here?	Yes
Are there Registered Historic Parks and Gardens here?	No
Are there Conservation Areas here?	No
Are there World Heritage Sites here?	No
Is the area within a Registered Landscape of Historic Interest?	No
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:10,000
What is the justification for the Aspect Area boundaries?	Defined with reference to topography and field pattern...
Bibliography	
List the key sources used for this assessment	See general bibliography in Technical Report, and sources quoted in Regional Historic Environment Record...
Assessment	
Additional Assessments	
Additional Comments	
Evaluation Matrix	
Evaluation Criteria: Overall Evaluation	High (See overall justification.)
Justification of overall evaluation	Extensive area of irregular fields occupying the high south eastern shoulder of the Dovey valley. Dominated by post medieval and medieval agriculture but having a strong presence of Bronze Age burial and ritual and later prehistoric settlement which variety contributes to its overall score.
Evaluation	
Condition:	
Value:	High
Trend:	
Recommendations	
Existing management	
Existing management remarks:	
Principal management recommendations	
Guideline	
Description	
Summary Description / Key Patterns and Elements	Irregular landscapes probably of medieval to post-medieval origin on the dissected western flanks of the Cambrian Mountains to the south of the river Dyfi. Widespread 20th-century conifer plantations on steeper hillslopes with some residual ancient broadleaved woodland along some steep-sided stream valleys. Numerous, small residual areas of registered common land. Early settlement and land use is indicated by scattered Neolithic to Bronze Age burial and ritual sites and by the later prehistoric Fron Goch hillfort near Darowen. The Roman roads from Caersws to Pennal and to Mallwyd run through the area. Post-medieval industry is represented by scattered, relict, relatively small-scale post-medieval slate and stone quarrying and lead mining and by former corn and wool processing watermills. Scattered existing farms and abandoned and relict house sites of medieval and post-medieval date. Small nucleated church settlements of medieval origin at Cemmaes, Darowen, Penegoes. Small post-medieval communications or industrial settlements at Cemmaes Road, Commins Coch and Abercegir.
If Classification is "Other", specify here	
Evaluation Matrix	

Evaluation Criteria: Integrity	High (See overall justification.)
Evaluation Criteria: Potential	High (See overall justification.)
Evaluation Criteria: Rarity	High (See overall justification.)
Evaluation Criteria: Survival	N/A (See overall justification.)
Evaluation Criteria: Condition	

Historic Landscape	
Aspect Area Name	Mynydd Glandulas
Aspect Area Classification	Rural environment/Non agricultural/Marginal Land (Level 3)
Aspect Area Code	MNTGMHL478
Date Of Survey : 22/03/2006	
	

Description

If working at level 3, the classification describes the dominant historic pattern, but which other patterns are important to the historical pattern of this area? (Tick all that apply)	Non-nucleated Settlement Regular Fieldscapes Woodland
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Monitoring

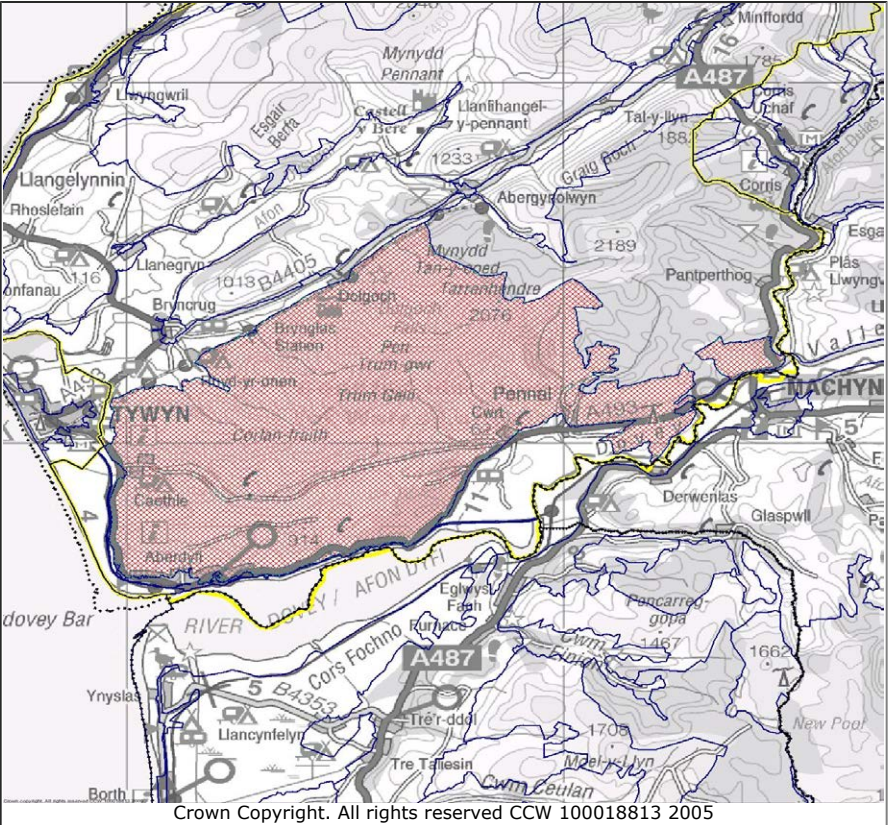
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	

Description

Which traditional boundary types prevail in the area? (Tick all that apply)	Hedgerow Hedgerow With Trees Hedgebank Post & Wire Fence
What is the nature of any significant archaeological interest in the area? (Tick all that apply)	Buried-dry Relict-Earthworks Relict-Stone Monuments Buildings & Structures Documentary Industrial Archaeology
Which chronological period is dominant in the area?	Post Medieval (1536+)
Has a Historic Landscape Characterisation been undertaken here?	No
Are there SMR sites here?	Yes
Are there SAMs here?	No
Are there Listed Buildings here?	Yes
Are there Registered Historic Parks and Gardens here?	No
Are there Conservation Areas here?	No
Are there World Heritage Sites here?	No
Is the area within a Registered Landscape of Historic Interest?	No

Aspect Area Boundary

To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:10,000
What is the justification for the Aspect Area boundaries?	Defined with reference to topography and field pattern...
Bibliography	
List the key sources used for this assessment	See general bibliography in Technical Report, and sources quoted in Regional Historic Environment Record...
Assessment	
Additional Assessments	
Additional Comments	
Evaluation Matrix	
Evaluation Criteria: Overall Evaluation	Moderate (See overall justification.)
Justification of overall evaluation	Partly enclosed marginal upland showing many historic themes but without much coherence or dominant pattern which consequently reduces its scores.
Evaluation	
Condition:	
Value:	Moderate
Trend:	
Recommendations	
Existing management	
Existing management remarks:	
Principal management recommendations	
Guideline	
Description	
Summary Description / Key Patterns and Elements	Enclosed, marginal hill land on the north side of the Dyfi, with large, 19th-century straight-sided field boundaries. Blocks of 20th-century conifer plantation and residual ancient broadleaved woodland in steep-sided stream valleys. Dispersed farms of medieval and post-medieval origin with some abandoned medieval and post-medieval upland house sites.
If Classification is "Other", specify here	
Evaluation Matrix	
Evaluation Criteria: Integrity	Moderate (See overall justification.)
Evaluation Criteria: Potential	Moderate (See overall justification.)
Evaluation Criteria: Rarity	Moderate (See overall justification.)
Evaluation Criteria: Survival	N/A (See overall justification.)
Evaluation Criteria: Condition	

Historic Landscape	
Aspect Area Name	Corlan Fraith, Cwm Maethlon and uplands
Aspect Area Classification	Rural environment/Agricultural/Irregular Fieldsapes (Level 3)
Aspect Area Code	SNPHL206
Date Of Survey : 02/10/2006	
	

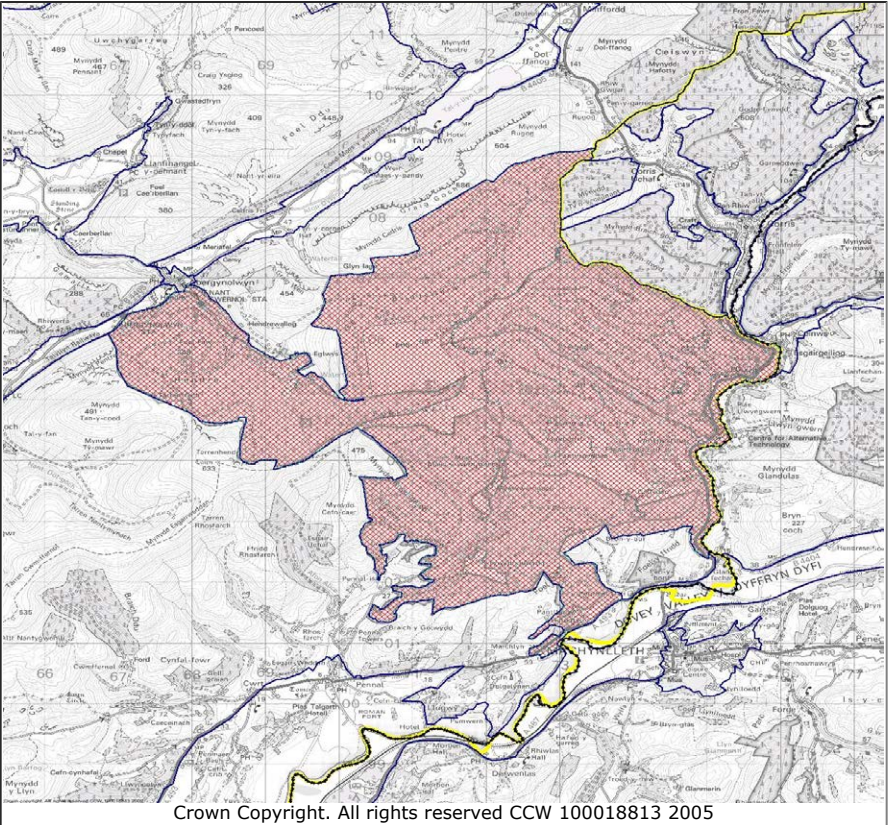
Description	
If working at level 3, the classification describes the dominant historic pattern, but which other patterns are important to the historical pattern of this area? (Tick all that apply)	Woodland Marginal Land Non-nucleated Settlement Communications

Monitoring	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	No

Description	
Which traditional boundary types prevail in the area? (Tick all that apply)	Dry Stone Walls Cloddiau Variants/Stone & Earth Banks
What is the nature of any significant archaeological interest in the area? (Tick all that apply)	Relict-Stone Monuments Buildings & Structures Industrial Archaeology
Which chronological period is dominant in the area?	Post Medieval (1536+) Industrial
Has a Historic Landscape Characterisation been undertaken here?	No
Are there SMR sites here?	Yes
Are there SAMs here?	No
Are there Listed Buildings here?	Yes
Are there Registered Historic Parks and Gardens here?	No
Are there Conservation Areas here?	No
Are there World Heritage Sites here?	No
Is the area within a Registered Landscape of Historic Interest?	Yes

Aspect Area Boundary	

To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	Most (The boundaries are based on major changes in topography.)
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:10,000
What is the justification for the Aspect Area boundaries?	The boundaries are based on major changes in topography.
Bibliography	
List the key sources used for this assessment	HER.
Assessment	
Additional Assessments	N/a.
Additional Comments	N/a.
Evaluation Matrix	
Evaluation Criteria: Overall Evaluation	Moderate (- as a landscape that has become to some extent self-contained and 'relict'.)
Justification of overall evaluation	- as a self-contained and 'relict' landscape.
Evaluation	
Condition:	Unassessed
Value:	Moderate (- as a self-contained and 'relict' landscape.)
Trend:	Unassessed
Recommendations	
Existing management	Generally Appropriate
Existing management remarks:	Appropriately managed by SNP.
Principal management recommendations	Preservation of existing character.
Guideline	Long Term (Monitoring or for changes in farming practice.) Medium Term (Discouragement to additional road traffic through Cwm Maethlon.)
Description	
Summary Description / Key Patterns and Elements	A large expanse of rounded uplands with valleys diving off mainly consisting of pasture with large enclosed parcels divided by grass-covered banks. It includes some woodlands and scattered settlement pattern of farms, as well as block of largely unenclosed mountain. A series of hill-top cairns and sheepfolds are the only other characteristic historic features. Around Cwm Maethlon ('Happy Valley') there are disparate area of irregular field patterns, and some mining remains.
If Classification is "Other", specify here	
Evaluation Matrix	
Evaluation Criteria: Integrity	High (Though this is a largely self-contained area, it is considered 'High' in this respect for the visual relationship of pasture, woodland, farm-buildings and mining remains.)
Evaluation Criteria: Potential	High (- given that this may have been the Medieval 'through route' from the Dyfi estuary to Tywyn and seems to have been the route also of the 18th century turnpike.)
Evaluation Criteria: Rarity	Moderate (- as a common if well-preserved landscape-type.)
Evaluation Criteria: Survival	N/A (Historic landscape pattern is largely unobscured.)
Evaluation Criteria: Condition	

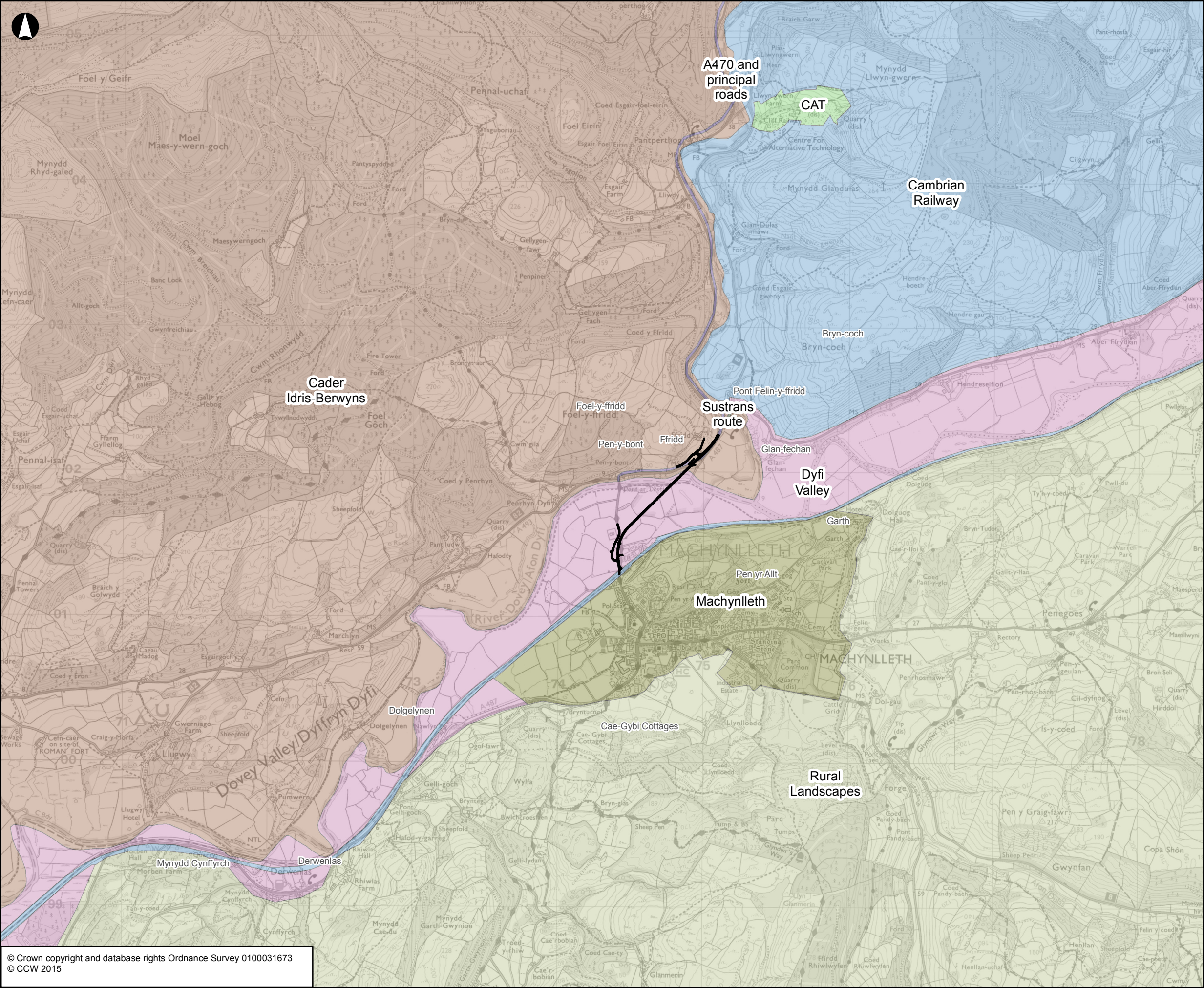
Historic Landscape	
Aspect Area Name	Bryneglwys Tarren Cadlan
Aspect Area Classification	Rural environment/Non agricultural/Woodland (Level 3)
Aspect Area Code	SNPHL065
Date Of Survey : 02/10/2006	
	

Description	
If working at level 3, the classification describes the dominant historic pattern, but which other patterns are important to the historical pattern of this area? (Tick all that apply)	<input type="checkbox"/> Irregular Fieldscapes <input type="checkbox"/> Marginal Land <input type="checkbox"/> Extractive <input type="checkbox"/> Processing/Manufacturing
Monitoring	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	No

Description	
Which traditional boundary types prevail in the area? (Tick all that apply)	<input checked="" type="checkbox"/> Dry Stone Walls
What is the nature of any significant archaeological interest in the area? (Tick all that apply)	<input checked="" type="checkbox"/> Industrial Archaeology
Which chronological period is dominant in the area?	<input checked="" type="checkbox"/> Post Medieval (1536+) <input type="checkbox"/> Industrial
Has a Historic Landscape Characterisation been undertaken here?	No
Are there SMR sites here?	Yes
Are there SAMs here?	Yes
Are there Listed Buildings here?	Yes
Are there Registered Historic Parks and Gardens here?	No
Are there Conservation Areas here?	No
Are there World Heritage Sites here?	No
Is the area within a Registered Landscape of Historic Interest?	No

Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	Most (The boundaries are those of the main afforested area...)
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:10,000

What is the justification for the Aspect Area boundaries?	The boundaries are those of the main afforested area...
Bibliography	
List the key sources used for this assessment	A... Holmes, HER...
Assessment	
Additional Assessments	N/a...
Additional Comments	N/a...
Evaluation Matrix	
Evaluation Criteria: Overall Evaluation	Moderate (- no higher, given the extent of modern forestry...)
Justification of overall evaluation	- as an upland landscape of modern forestry which largely obscures the important slate quarrying sites at Bryneglwys and other historic landscape elements...
Evaluation	
Condition:	Unassessed
Value:	Moderate
Trend:	Unassessed
Recommendations	
Existing management	Generally Appropriate
Existing management remarks:	Managed by SNP and by forestry authorities...
Principal management recommendations	Support for existing systems...
Guideline	Medium Term (Support for existing systems...)
Description	
Summary Description / Key Patterns and Elements	Large blocks of 20th century forestry on the uplands south of Abergynolwyn.
If Classification is "Other", specify here	
Evaluation Matrix	
Evaluation Criteria: Integrity	Moderate (- in that modern forestry has obscured established landscape patterns.)
Evaluation Criteria: Potential	High (- for upland survey...)
Evaluation Criteria: Rarity	Moderate (Landscapes dominated by forestry are common in upland Wales...)
Evaluation Criteria: Survival	N/A (- despite extensive modern forestry...)
Evaluation Criteria: Condition	



Legend

- Proposed Scheme
- A470 and principal roads
- CAT
- Cader Idris-Berwyns
- Cambrian Railway
- Dyfi Valley
- Machynlleth
- Rural Landscapes
- Sustrans route

Metres

0 335 670 1,340

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Rev	Date	By	Chkd	Appd


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www.arup.com

GRIFFITHS
civil engineering and construction

WHS

Client


Llywodraeth Cymru
Welsh Government

Project Title

A487 New Dyfi Bridge

Drawing Title

**Figure 8.2.5
LANDMAP - Cultural Landscape**

Scale at A3

1:25,000

Role

Specialist Designer - Environmental

Suitability

S0 - Initial non-contractual

Arup Job No	Rev
244562-00	P01.2

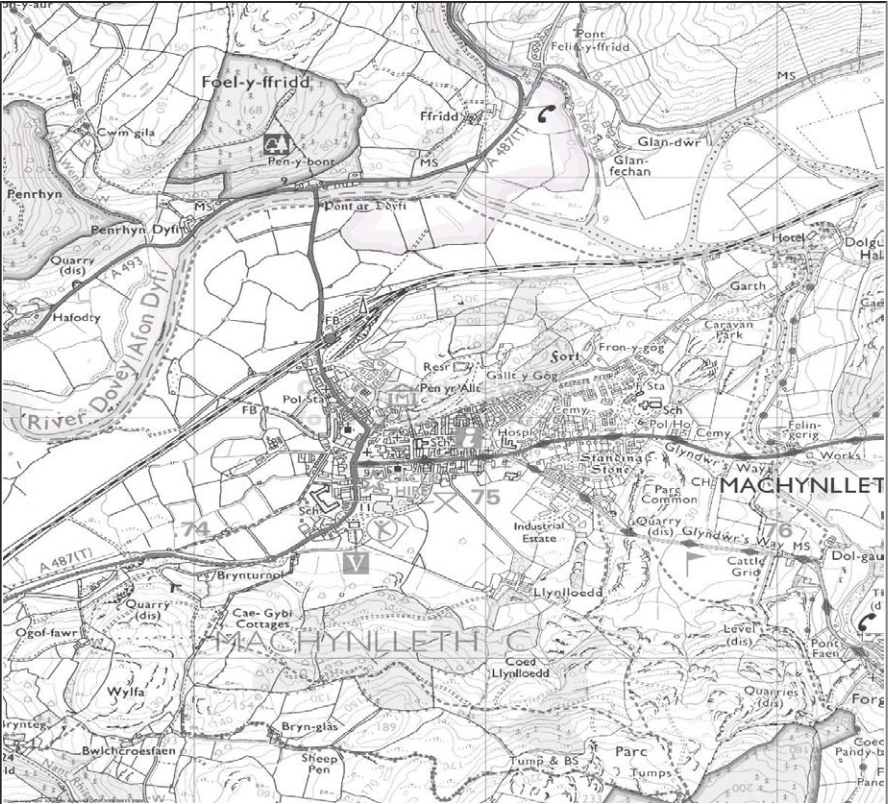
Name

900237-ARP-ZZ-ZZ-DR-LX-00019

Monitoring	
Has the information ever been verified in the field?	Yes (Site visit and 1:25000)
Does this area have a special or functional link with an adjacent area?	Yes (MONTCL005 - Roads; MONTSCLO17 - Windfarms; MONTSCLO31 - Machynlleth... The Valley contains the roads and Machynlleth, and is overshadowed by the presence of wind turbines on the high ground above it)
Description	
If Classification is "Other", specify here	n/a
The classification at level 3 describes the dominant cultural context, but which other contexts are important to the cultural landscape of this area?	Rural Infrastructure Customs
Which level 4 classes are particularly significant to the cultural landscape character of this area - Influences?	Agricultural Rural Settlement Power Generation & Distribution Communications & Transport Tourism
Which level 4 classes are particularly significant to the cultural landscape character of this area - Associations?	Places & Place Names Sense of Place Leisure/Recreation
To what extent do the context and level 4 details selected contribute to the cultural identity, local distinctiveness or sense of place of the area?	Strong (Level 4 details combine to reinforce the multi-faceted cultural aspects of this Aspect Area)
To what extent is the cultural information widely recognised or appreciated?	Regionally (The Valley is well known as the route to and from Mid-Wales and the western seaboard of Wales; and as a scenically attractive area)
Are there any artistic expressions that are particularly famous or associated with the Aspect Area?	Not known
Are there any people / movements / institutions that are particularly famous or associated with the Aspect Area?	No
Is there any folklore or are there legends that are particularly famous or associated with the Aspect Area?	Not known
Are there any events/traditions that are	

particularly famous or associated with the Aspect Area?	No
Are there any technical / scientific discoveries that are particularly famous or associated with the Aspect Area?	No
What are the attributes of the cultural elements in the Aspect Area?	Evolved
What chronological periods are culturally dominant in the area?	Post 1950 Inter War Victorian & Edwardian Georgian Late Medieval Medieval Early Christian Roman Pre-Roman
Are there certain place-names in the area that are particularly significant?	No
If yes, give examples of the place-names and their significance	n/a
Summary Description: (no more than 150 words)	The Dyfi, or Dovey, Valley trends north-east to south-west and contains the sole river of any size in Montgomeryshire that flows westwards into Cardigan Bay... The Aspect Area is drawn from Aberangell in the north to Machynlleth and Derwenlas, whence the products of Dylife and other lead mines were transported to markets outside Wales... The Valley is the western gateway to Montgomeryshire and previously shared with Welshpool the distinction of being one of only two places where trade goods were received and despatched by boat... The Valley's northern part is occupied by wind farm developments on the high ground above it, and carries both road and rail communications routes into Mid Wales... Although remains of human occupation are not so dense or numerous as in the eastern valleys, the Valley is becoming increasingly popular as a place of recreation as well as for artists and anglers...
Evaluation	
Value:	Moderate (Moderate as recently changed by prominent wind farm development.)
Condition:	Fair (Fair and reasonably constant)
Trend:	Unassessed
Recommendations	
Existing management:	Generally Appropriate
Existing management remarks:	Appropriate in the sense of limited modern development
Principal management recommendations	In order to preserve its remaining cultural ambience, it would be as well to limit further visual intrusion by wind turbines
Guideline	
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the Cultural Landscape features of the area?	Yes (Any further development of windfarms)
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	Most (Boundaries follow the mapped contours close to the river and communications routes through the valley)
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:10,000
What is the justification for the Aspect Area boundaries?	Boundaries follow the mapped contours close to the river and communications routes through the valley
Evaluation Matrix	
Evaluation Criteria: Recognition/transparency	Sub-regional recognition (The Valley is becoming increasingly appreciated as an attractive leisure route, by motorists as well as artists and anglers)
Evaluation Criteria: Period	Apparent (There are few vestiges of multi-period occupation)
Evaluation Criteria: Rarity	Commonplace (There are many similarly scenic valleys throughout Wales)
Evaluation Criteria: Documentation	Unassessed
Evaluation Criteria: Group Value	Limited (There are many similarly scenic valleys throughout Wales)
Evaluation Criteria: Survival	N/A (The ambience of the Valley is being altered by the visual presence of wind turbines)
Evaluation Criteria: Vulnerability	Tolerant (The ambience of the Valley is being altered by the visual presence of wind turbines)
Evaluation Criteria: Diversity	Uncomplicated (Moderate in the sense that evidence of long-term occupation is sparse, though culturally the Valley's principal use as a communications route coupled with increasing use as a leisure area adds diversity)

Evaluation Criteria: Potential	Unassessed
Evaluation Criteria: Overall Evaluation	Moderate (Moderate because of the visual intrusion of wind turbines on the attractive, steep-sided valley)
Justification of overall evaluation	See Q40
Bibliography	
List the key sources used for this assessment	Personal observation
Assessment	
Additional Assessments	none
Additional Comments	

Cultural Landscape	
Aspect Area Name	Machynlleth
Aspect Area Classification	Associations/Notional Expressions/People/Famous People (Level 4)
Aspect Area Code	MNTGMCL031
Date Of Survey : 23/10/2005	
	

Monitoring	
Has the information ever been verified in the field?	Yes (Site visit and 1:25000)
Does this area have a special or functional link with an adjacent area?	Yes (MONTSCLO33 Dyfi/Dovey Valley... The town stands close to the Dyfi/ Dovey estuary and near the former trading port of Derwenlas)
Description	
The classification at level 3 describes the dominant cultural context, but which other contexts are important to the cultural landscape of this area?	Urban Infrastructure Places People Customs Artistic
Which level 4 classes are particularly significant to the cultural landscape character of this area - Influences?	Minerals & Mining Trade, Retail & Commercial Urban Settlement Communications & Transport Defence & Security Tourism
To what extent do the context and level 4 details selected contribute to the cultural identity, local distinctiveness or sense of place of the area?	Very Strong (Level 4 details describe influential cultural features beyond those identified in the classification)
To what extent is the cultural information widely recognised or appreciated?	Regionally (Although once aspiring to be the Parliamentary centre for a free Wales in the 15th century, Machynlleth is now better known as a regional centre in the west of the county with a reputation for housing sustainability enterprises)
Are there any artistic expressions that are particularly famous or associated with the Aspect Area?	Yes (Richard Wilson, the prominent landscape artist, was born at Penegoes)
Are there any people / movements / institutions that are particularly famous or associated with the Aspect Area?	Yes (Owain Glyndwr who sought to establish a Parliament in the town)
Is there any folklore or are there legends that are particularly famous or associated with the Aspect Area?	Not known
Are there any events/traditions that	

are particularly famous or associated with the Aspect Area?	Yes (Owain Glyndwr's "Parliament" house (doubtful))
Are there any technical / scientific discoveries that are particularly famous or associated with the Aspect Area?	No
What are the attributes of the cultural elements in the Aspect Area?	Historic
What chronological periods are culturally dominant in the area?	Victorian & Edwardian Georgian Late Medieval Medieval
Are there certain place-names in the area that are particularly significant?	No
Summary Description: (no more than 150 words)	Machynlleth is the largest settlement in the west of Montgomeryshire, and the nearest one to the sea... Its most famous association is with the rebel leader Owain Glyndwr who was crowned as prince of secessionist Wales in 1404, holding the first and only full parliament Wales (to date) has known since... His so-called Parliament House - much rebuilt and refurbished, and of a later date - stands near the crossroads at the centre of the town... Machynlleth enjoys some distinction architecturally, with the exuberantly carved Clock Tower dominating what is essentially a Victorian town within the Conservation Area... The attempt to celebrate Celtic culture at Plas Machynlleth, the visitor attraction Celtica, is under threat of closure due to limited resources and subsidies... The town has a growing reputation as a centre for alternative technology and sustainability; regretfully, that does not necessarily extend to the socio-economics of the locality

Tolerance To Change

Are there any significant threats to the current integrity and condition of the Cultural Landscape features of the area?	Yes (Threat of closure of the Celtica exhibition at Plas Machynlleth)
--	---

Description

If yes, give examples of the place-names and their significance	n/a
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Aspect Area Boundary

To what level was this information site-surveyed?	Level 4
At 1:10,000, how much of the Aspect Area boundary is precise?	Most (Boundaries are drawn around mapped built features)
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:10,000
What is the justification for the Aspect Area boundaries?	Boundaries are drawn around mapped built features

Bibliography

List the key sources used for this assessment	A History of Wales, John Davies; Penguin Books, 1990,1993; The Making of Wales, John Davies; Cadw and Alan Sutton Publishing, 1996; In Search of Owain Glyndwr, Chris Barber; Bloreng Books, 1998; The Buildings of Wales: Powys, Richard Haslam; Penguin Books and University of Wales Press, 1979, 1992; The Western Mail, 7 September, 2005
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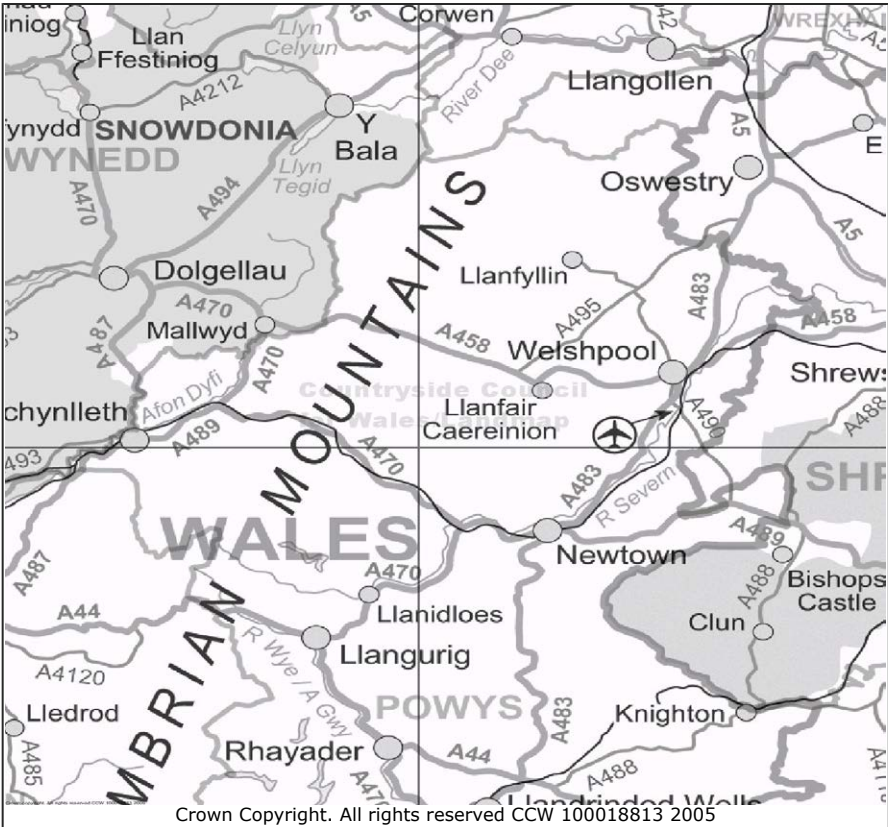
Assessment

Additional Assessments	none
Additional Comments	none

Evaluation Matrix

Evaluation Criteria: Overall Evaluation	High (High, especially for its associations with Glyndwr... Further and more vigorous exploitation of the historic associations might lift the Aspect Area"s overall evaluation to Outstanding alongside its established reputation as a centre for environmental sustainability)
Justification of overall evaluation	See Q40
Evaluation Criteria: Recognition/transparency	Regional recognition (Although once aspiring to be the Parliamentary centre for a free Wales under Owain Glyndwr in the 15th century, Machynlleth is now better known as a regional centre in the west of the county)
Evaluation Criteria: Period	Very apparent (Strong associations with the rebel movement in the early 15th century, and the essentially Victorian appearance of the town result in a High evaluation for period)
Evaluation Criteria: Rarity (Culture)	Very rare (Unique in Wales for its association with (the almost successful) rebel leader Owain Glyndwr)
Evaluation Criteria: Documentation	Exceptional (There is a wide corpus of published information about the town and its historic associations, and CAT)
Evaluation Criteria: Group Value	Considerable (The town possesses, especially within the Conservation Area, multi-period architecture that accentuates its group value)
Evaluation Criteria: Survival	N/A (The town possesses, especially within the Conservation Area, multi-period architecture that accentuates its survival - both physically and by association with Glyndwr)
Evaluation Criteria: Vulnerability	Tolerant (Economically and culturally vulnerable to (a) the closure of Celtica, and (b) failure to capitalise on the reputation of Glyndwr)

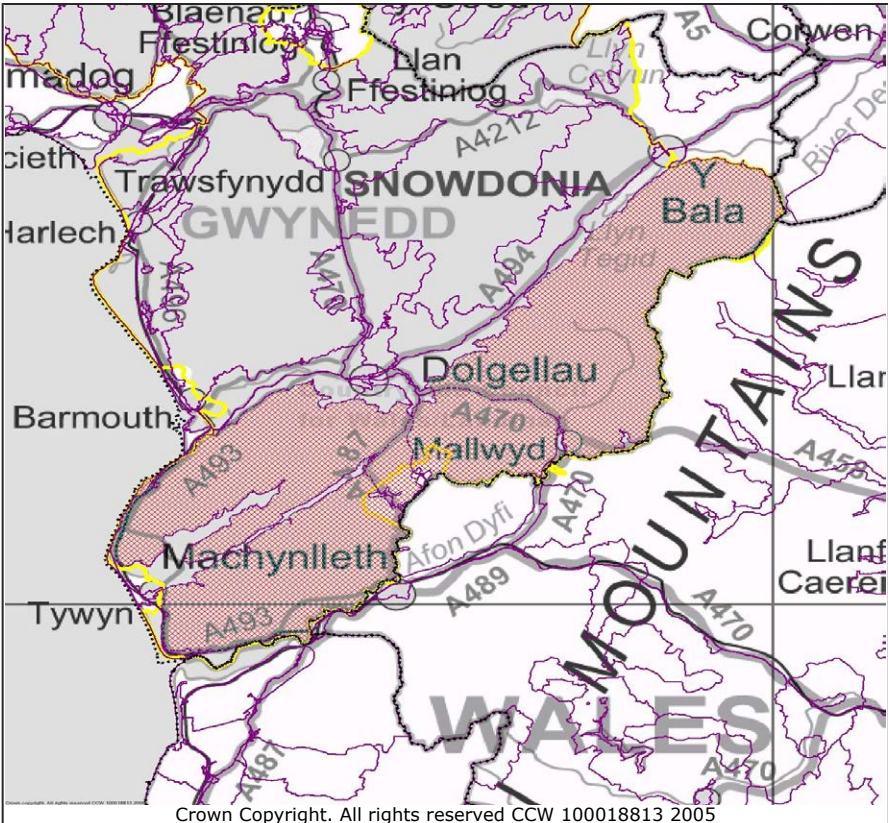
Evaluation Criteria: Diversity	Complex (The town possesses, especially within the Conservation Area, multi-period architecture that accentuates its diversity - both physically and by association with Glyndwr - and its associations with 20th/21st century environmental sustainability)
Evaluation Criteria: Potential (Culture)	Considerable (There are abundant opportunities to rebrand and reposition the image of the town by exploiting its historical associations more vigorously)
Description	
Which level 4 classes are particularly significant to the cultural landscape character of this area - Associations?	Sense of Place Famous People Land Holdings Politics Leisure/Recreation Art
Evaluation	
Condition:	Fair (The town could do with a facelift, but the association with Glyndwr survive strongly)
Value:	High
Trend:	Unassessed
Recommendations	
Existing management:	Generally Appropriate
Existing management remarks:	It is difficult to discern a coherent management policy
Principal management recommendations	Seek to establish preservation and renovation schemes for the undoubtedly high quality of the townscape - such as a Townscape Heritage Initiative
Guideline	Long Term (Seek to safeguard Celtica - conceivably through rebranding or more widespread publicity) Medium Term (Promote the association with Owain Glyndwr more positively)
Description	
If Classification is "Other", specify here	

Cultural Landscape	
Aspect Area Name	Rural Landscapes
Aspect Area Classification	Influences/Material expressions/Rural/Other Rural (specify) (Level 4)
Aspect Area Code	MNTGMCL051
Date Of Survey : 29/10/2005	
	

Monitoring	
Has the information ever been verified in the field?	Yes (Partly, through observation on site visits and on maps at 1;25000)
Does this area have a special or functional link with an adjacent area?	Yes (The entire Study Area)
Description	
The classification at level 3 describes the dominant cultural context, but which other contexts are important to the cultural landscape of this area?	Rural Other ("Other rural" is chosen at Level 4 to reflect the richness and diversity of the cultural and aesthetic qualities of the landscape outside other designated Aspect Areas)
Which level 4 classes are particularly significant to the cultural landscape character of this area - Influences?	Agricultural Forestry Fishing/ hunting Rural Settlement Communications & Transport
To what extent do the context and level 4 details selected contribute to the cultural identity, local distinctiveness or sense of place of the area?	Strong (Level 4 details combine to reinforce the cultural essence of this multi-part landscape)
To what extent is the cultural information widely recognised or appreciated?	Regionally (Mostly to those who live there and to the people of Wales)
Are there any artistic expressions that are particularly famous or associated with the Aspect Area?	Not known
Are there any people / movements / institutions that are particularly famous or associated with the Aspect Area?	Not known
Is there any folklore or are there legends that are particularly famous or associated with the Aspect Area?	Not known
Are there any events/traditions that are particularly famous or associated with the Aspect Area?	Not known
Are there any technical / scientific discoveries that are particularly famous or associated with the Aspect Area?	No

What are the attributes of the cultural elements in the Aspect Area?	Mixed
What chronological periods are culturally dominant in the area?	Post 1950 Inter War Victorian & Edwardian Georgian Late Medieval Medieval Early Christian Roman Pre-Roman
Are there certain place-names in the area that are particularly significant?	No
Summary Description: (no more than 150 words)	The Aspect Area is essentially a catch-all of landscapes surrounding other Aspect Areas. It reveals an eclectic mix of landscape type, from fertile lowlands to bleak moorlands, and forms a buffer between oither Aspect Areas that are more culturally distinctive or diverse. Surprisingly, there are few statutorily protected landscape types - such as SSSIs or SLAs within the area. Nevertheless, Rural Landscapes forms the background to the more detailed painting on the canvas of Montgomeryshire, contributing greatly to the county's soubriquet of Powis paradwys Cymru.
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the Cultural Landscape features of the area?	Yes (Decline in agricultural economy, rural depopulation)
Description	
If yes, give examples of the place-names and their significance	Powys Paradwys Cymru - the ancient name for Gwenwynwyn, the territory that is now Montgomeryshire
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	Some (Boundaries are formed by (a) the Study Area boundary; and (b) the boundaries of other Aspect Areas)
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:25,000
What is the justification for the Aspect Area boundaries?	Boundaries are formed by (a) the Study Area boundary; and (b) the boundaries of other Aspect Areas
Bibliography	
List the key sources used for this assessment	In the Heart of Powysland, Robert Owen; Welshpool, 1930
Assessment	
Additional Assessments	none
Additional Comments	none
Evaluation Matrix	
Evaluation Criteria: Overall Evaluation	High (High as a varied, visually rich rural landscape of a wide topographical range that provides the framework for the Study Area as a whole)
Justification of overall evaluation	See Q40
Evaluation Criteria: Recognition/transparency	Sub-regional recognition (Rural Mongomeryshire is well known for the attractiveness of its landscapes)
Evaluation Criteria: Period	Very apparent (High as an essentially evolved agricultural landscape)
Evaluation Criteria: Rarity (Culture)	Commonplace (These rural areas share many of the characteristics and cultural essence with large tracts of Wales)
Evaluation Criteria: Documentation	Unassessed
Evaluation Criteria: Group Value	Considerable (Rural Mongomeryshire is well known for the attractiveness of its landscapes)
Evaluation Criteria: Survival	N/A (Rural landscapes survive as evolved examples of human exploitation and occupation)
Evaluation Criteria: Vulnerability	Tolerant (Vulnerable to agricultural decline and consequent land husbandry, and depopulation)
Evaluation Criteria: Diversity	Highly complex (Elements within the Aspect Area display a hugely rich diversity from barren moorland to fertile valleys. Small isolated farmsteads on valley sides add much to the attractiveness of the landscape and their maintenance should be assisted)
Evaluation Criteria: Potential (Culture)	Considerable (High - in the sense that there is high potential for further deterioration)
Description	
Which level 4 classes are particularly significant to the cultural landscape character of this area - Associations?	Places & Place Names Sense of Place
Evaluation	

Condition:	Fair (The rural landscape is generally well maintained, but suffers from its inability to sustain a vibrant agricultural economy - leading to rural depopulation, diversity and hence neglect)
Value:	High (High as topographically and scenically varied and distinctive, comprising bare upland moorland and fertile valleys, the latter containing a variety of field patterns)
Trend:	Declining (Declining through unsustainable economics of agriculture, rural depopulation and neglect)
Recommendations	
Existing management:	Generally Appropriate
Existing management remarks:	As a largely agricultural landscape - and therefore economically important - landscape management is appropriate within the prevailing circumstances of farming economy
Principal management recommendations	Encourage through grants or subsidy the proper management and maintenance of farming landscapes to replace the centuries-old husbandry that made these rural areas what they are today
Guideline	Immediate (Seek more imaginative means of keeping young people closer to the land and their roots by encouraging regenerative or small business activity in this age of the world wide web and e-commerce) Medium Term (Seek to ensure sustainability of income and provide subsidy to retain people so that they may nurture the landscape) Long Term (Provide grants and/or subsidies for the maintenance of structures in the landscape)
Description	
If Classification is "Other", specify here	

Cultural Landscape	
Aspect Area Name	Cader Idris-Berwyns
Aspect Area Classification	Associations/Notional Expressions/Places/Sense of Place (Level 4)
Aspect Area Code	SNPCL043
Date Of Survey : 05/07/2005	
	

Monitoring	
Has the information ever been verified in the field?	Yes (Level 4)
Does this area have a special or functional link with an adjacent area?	No
Description	
The classification at level 3 describes the dominant cultural context, but which other contexts are important to the cultural landscape of this area?	Rural Places Artistic Oral
Which level 4 classes are particularly significant to the cultural landscape character of this area - Influences?	Agricultural Rural Settlement Minerals & Mining Tourism
To what extent do the context and level 4 details selected contribute to the cultural identity, local distinctiveness or sense of place of the area?	Strong (Cader Idris and the Berwyn range are both very strongly visible presences in the landscape, effectively the boundary between the 'cadernid Gwynedd' and the Severn valey/Plynlimon cultures.)
To what extent is the cultural information widely recognised or appreciated?	Regionally (- regionally certainly, as a mountain range, as a scenic component.)
Are there any artistic expressions that are particularly famous or associated with the Aspect Area?	Yes (Views of Cader Idris as background to many landscape paintings.)
Are there any people / movements / institutions that are particularly famous or associated with the Aspect Area?	Yes (Mary Jones' walk to Bala crossed this area.)
Is there any folklore or are there legends that are particularly famous or associated with the Aspect Area?	Yes (Legends of giants associated with Cader Idris)
Are there any events/traditions that are particularly famous or associated with the Aspect Area?	Not known
Are there any technical / scientific discoveries that are particularly famous or associated with the Aspect Area?	No
What are the attributes of the cultural elements in the Aspect Area?	Historic
What chronological periods are culturally dominant in the area?	Late Medieval Medieval Pre-Roman
Are there certain place-names in the area that are particularly significant?	Yes

Summary Description: (no more than 150 words)	A mountain range which defines the southern border of the SNP. Rich in relict archaeology, especially the important Bronze Age landscapes at the western end overlooking Llwyngwrl.
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the Cultural Landscape features of the area?	Yes (Public access.)
Description	
If yes, give examples of the place-names and their significance	Cader Idris for legendary association Bedd y Brenin - legendary associations
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 4
At 1:10,000, how much of the Aspect Area boundary is precise?	Some (The boundaries wirth surrounding areas are necessarily subjective.)
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:10,000 and 1:25,000
What is the justification for the Aspect Area boundaries?	Changes in historic land-use.
Bibliography	
List the key sources used for this assessment	HER, Lynch
Assessment	
Additional Assessments	N/a
Additional Comments	N/a
Evaluation Matrix	
Evaluation Criteria: Overall Evaluation	Outstanding (Continued liaison between Menter Coedwigaeth, b/b/hotels, other stakeholders.)
Justification of overall evaluation	Continued liaison between Menter Coedwigaeth, b/b/hotels, other stakeholders.
Evaluation Criteria: Recognition/transparency	Regional recognition (Known as prominent range of high ground - Cader Idris broods over Dolgellau, and the range as a whole is clear all over the Cardigan Bay area.)
Evaluation Criteria: Period	Strongly apparent (A multi-period archaeological landscape to which there is easy public access in some areas - eg Llynnau Cregennen.)
Evaluation Criteria: Rarity (Culture)	Very rare (Outstanding for its prominence as topography, for its legendary associations and for its rich archaeology.)
Evaluation Criteria: Documentation	Substantial (Documented tales and legends, archaeology etc.)
Evaluation Criteria: Group Value	Exceptional (Outstanding for the visual relationship of features with each other and for the topographical relationship of the mountains with the rest of west Wales.)
Evaluation Criteria: Survival	N/A (Survivial of material cultural goods - ie archaeological landscapes - is outstanding.)
Evaluation Criteria: Vulnerability	Tolerant (Area is vulnerable to walkers and to some extent from forestry work.)
Evaluation Criteria: Diversity	Highly complex (Outstanding as a multi-period landscape.)
Evaluation Criteria: Potential (Culture)	Moderate (Potential has probably been reached.)
Description	
Which level 4 classes are particularly significant to the cultural landscape character of this area - Associations?	Places & Place Names Sense of Place Leisure/Recreation
Evaluation	
Condition:	Fair (Parts of the area are managed by the National Trust as well as forming part of the SNP; parts are the responsibility of Menter Coedwigaeth also.)
Value:	Outstanding (Of national value for its rich archaeological landscapes.)
Trend:	Improving (Emphasis on recreation and access as well as on production by Menter Coedwigaeth enablews more holistic management of the area, but also increases the number of visitors and walkers to what is in many ways a fragile landscape.)
Recommendations	
Existing management:	Generally Appropriate
Existing management remarks:	Access for walkers etc increases vulnerability of some of the archaeological landscapes.
Principal management recommendations	Continued emphasis on holistic management of environment.
Guideline	Medium Term (Continued liaison between Menter Coedwigaeth, b/b/hotels, farming community and other stakeholders.)
Description	

If Classification is "Other", specify here

Cultural Landscape

Aspect Area Name	Cambrian Railway
Aspect Area Classification	Associations/Notional Expressions/Customs/Leisure/Recreation (Level 4)
Aspect Area Code	MNTGMCL052
Date Of Survey	: 14/04/2006

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Monitoring

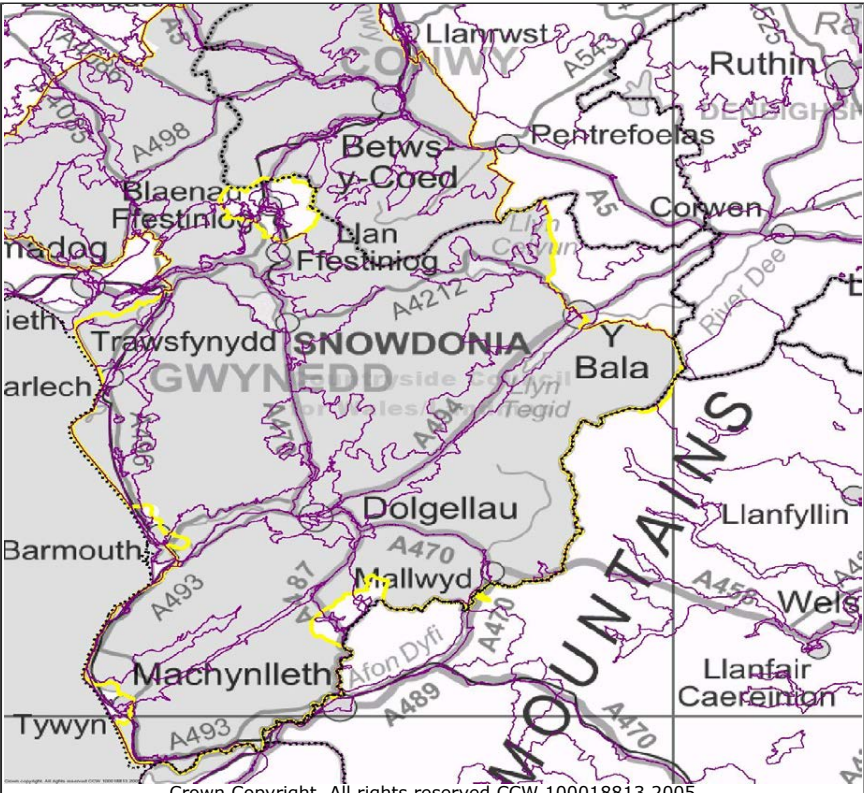
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	Yes (This linear Aspect Area passes through or adjacent to many other Aspect Areas of both a rural and urban character)

Description

The classification at level 3 describes the dominant cultural context, but which other contexts are important to the cultural landscape of this area?	Rural Industrial Urban Places Customs
Which level 4 classes are particularly significant to the cultural landscape character of this area - Influences?	Agricultural Rural Settlement Light Industry & Technology Trade, Retail & Commercial Urban Settlement Communications & Transport Tourism
To what extent do the context and level 4 details selected contribute to the cultural identity, local distinctiveness or sense of place of the area?	Strong (Level 4 details support and emphasise the varied physical and cultural terrain through which the Cambrian Railway passes)
To what extent is the cultural information widely recognised or appreciated?	Regionally (Cambrian Railway is known as a scenic route that passes through some exceptionally aesthetic terrain, but is known principally to locals, tourists and railway buffs)
Are there any artistic expressions that are particularly famous or associated with the Aspect Area?	No
Are there any people / movements / institutions that are particularly famous or associated with the Aspect Area?	No
Is there any folklore or are there legends that are particularly famous or associated with the Aspect Area?	No
Are there any events/traditions that are particularly famous or associated with the Aspect Area?	No

Are there any technical / scientific discoveries that are particularly famous or associated with the Aspect Area?	No
What are the attributes of the cultural elements in the Aspect Area?	Well Established
What chronological periods are culturally dominant in the area?	Post 1950 Inter War Victorian & Edwardian
Are there certain place-names in the area that are particularly significant?	No
Summary Description: (no more than 150 words)	The Cambrian Railway passes through the study area north-eastwards from Machynlleth to Shrewsbury via the Dyfi and Severn Valleys... Formerly a passenger and freight line serving the rural hinterland, it is now predominantly a leisure route, though used for short distances locally between rural communities... The continued operation of the line is open to doubt, its future being under review by the Department of Transport...
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the Cultural Landscape features of the area?	Yes (If the DoT review finds that the line should close, its cultural value will diminish and even disappear overnight)
Description	
If yes, give examples of the place-names and their significance	n/a
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 3
At 1:10,000, how much of the Aspect Area boundary is precise?	Most (Digitisation of boundaries follows the mapped line of the railway, including embankments and cuttings as well as less linear features, such as stations, along its length)
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:25,000
What is the justification for the Aspect Area boundaries?	Digitisation of boundaries follows the mapped line of the railway, including embankments and cuttings as well as less linear features, such as stations, along its length
Bibliography	
List the key sources used for this assessment	http://www...thecambrianline...co...uk
Assessment	
Additional Assessments	none
Additional Comments	none
Evaluation Matrix	
Evaluation Criteria: Overall Evaluation	High (High as a transport route for passengers and freight in the 19th century now principally used as a leisure route in the 21st)
Justification of overall evaluation	see Q40
Evaluation Criteria: Recognition/transparency	Sub-regional recognition (Known principally to tourists, locals and railway buffs)
Evaluation Criteria: Period	Apparent (Typical of a small 19th century rural railway)
Evaluation Criteria: Rarity (Culture)	Commonplace (Many similar lines continue to exist or existed throughout Wales and the wider UK)
Evaluation Criteria: Documentation	Unassessed
Evaluation Criteria: Group Value	Considerable (High in the sense that it represents a cultural feature that enhances the cultural attributes of other Aspect Areas through which it passes)
Evaluation Criteria: Survival	N/A (High as it has already survived the cuts of the 1960s Beeching axe)
Evaluation Criteria: Vulnerability	Tolerant (Vulnerable to ceasing operation as a possible outcome of the DoT review)
Evaluation Criteria: Diversity	Complex (The line possesses few features of diversity, though it enhances and is enhanced by the cultural attributes of other Aspect Areas)
Evaluation Criteria: Potential (Culture)	Unrecognised (In its present form, and with other competing means of leisure transport, the line has limited potential as a leisure route)
Description	
Which level 4 classes are particularly significant to the cultural landscape character of this area - Associations?	Sense of Place Leisure/Recreation
Evaluation	


Condition:	Good (Well maintained, as required by statute)
Value:	High
Trend:	Constant (Constant - until the outcome of the DoT review)
Recommendations	
Existing management:	Generally Appropriate
Existing management remarks:	The line is subject to Health & Safety regulation and is well maintained
Principal management recommendations	Continue as now, but seek to enhance the appearance of stations in order to enhance its attractiveness to travellers
Guideline	Medium Term (Maintain and extend the promotion of the line through its linkages to other forms of transport in the network of differing forms of travel to a variety of destinations) Long Term (Improve the appearance of rail-side structures at stations along the line)
Description	
If Classification is "Other", specify here	

Cultural Landscape	
Aspect Area Name	A470 and principal roads
Aspect Area Classification	Influences/Material expressions/Infrastructure/Communications & Transport (Level 4)
Aspect Area Code	SNPCL051
Date Of Survey : 13/12/2004	
	

Monitoring	
Has the information ever been verified in the field?	Yes (Level 4)
Does this area have a special or functional link with an adjacent area?	Yes (With all others as major transport links)
Description	
The classification at level 3 describes the dominant cultural context, but which other contexts are important to the cultural landscape of this area?	Infrastructure
Which level 4 classes are particularly significant to the cultural landscape character of this area - Influences?	Communications & Transport
To what extent do the context and level 4 details selected contribute to the cultural identity, local distinctiveness or sense of place of the area?	Weak (To most who use them, these are merely roads.)
To what extent is the cultural information widely recognised or appreciated?	Specialist (Historic road infrastructure and culture is little understood even by specialists.)
Are there any artistic expressions that are particularly famous or associated with the Aspect Area?	No
Are there any people / movements / institutions that are particularly famous or associated with the Aspect Area?	No
Is there any folklore or are there legends that are particularly famous or associated with the Aspect Area?	No
Are there any events/traditions that are particularly famous or associated with the Aspect Area?	No
Are there any technical / scientific discoveries that are particularly famous or associated with the Aspect Area?	No
What are the attributes of the cultural elements in the Aspect Area?	Mixed
	Post 1950

What chronological periods are culturally dominant in the area?	Inter War Victorian & Edwardian Georgian Late Medieval
Are there certain place-names in the area that are particularly significant?	No
Summary Description: (no more than 150 words)	These roads pass through stunning scenery and rich historical landscapes, but their cultural significance is largely that they form a means of moving people within, into and out of the study area. Historic road infrastructure and engineering require careful management - milestones, pubs, bridges etc.
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the Cultural Landscape features of the area?	Yes (Upgrading of roads)
Description	
If yes, give examples of the place-names and their significance	
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 4
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:10,000
What is the justification for the Aspect Area boundaries?	Edges of roads
Bibliography	
List the key sources used for this assessment	OS maps
Assessment	
Additional Assessments	N/a
Additional Comments	N/a
Evaluation Matrix	
Evaluation Criteria: Overall Evaluation	High (As historic and present transport routes and as the way most visitors and Gwynedd residents appreciate and enjoy their landscpe heritage, these features must be rated as 'high'.)
Justification of overall evaluation	In view of the fact that, at one level, a road is a road, prevents this aspect area from being more than high; its evaluation at this level is justified by the cultural significance of transport and by historical and cultural survival.
Evaluation Criteria: Recognition/transparency	Regional recognition (Recognised as roads which pass through stunning scenery and rich historical landscapes if not as cultural landscapes in their own right.)
Evaluation Criteria: Period	Very apparent (The period of these roads probably varies from the 16th century to the 21st - late medieval bridges are still in use for road transport in some places. This chronological diversity adds to their period and cultural value.)
Evaluation Criteria: Rarity (Culture)	Representative (Roads are not rare features, though there are many interesting and unusual features on these roads.)
Evaluation Criteria: Documentation	Moderate (Bridging bonds survive but otherwsie little is known of the (mainly local) contractros who built these roads in the 18th and 19th centuries)
Evaluation Criteria: Group Value	Considerable (The group value of these roads is enhanced by their relationship with the landscapes through which they pass.)
Evaluation Criteria: Survival	N/A (Many early features (such as bridges) remain in daily use.)
Evaluation Criteria: Vulnerability	Tolerant (These roads are vulnerable to development pressures.)
Evaluation Criteria: Diversity	Complex (The roads exhibit a variety of purpose, period and design.)
Evaluation Criteria: Potential (Culture)	Considerable (The roads possess cultural potential as gateways to Gwynedd)
Description	
Which level 4 classes are particularly significant to the cultural landscape character of this area - Associations?	Sense of Place Leisure/Recreation
Evaluation	
Condition:	Good (The roads are well maintained and environmental mitigation is of a high order.)
Value:	High (These roads pass through stunning scenery and rich historical landscapes, but their cultural significance is largely that they form a means of moving people within, into and out of the study area. There are examples of historic road infrastructure and engineering which require careful management - milestones, pubs, bridges etc. In the case of recently constructed roads, the environmental mitigation has been of a very high standard indeed.)
Trend:	Constant (- But historic infrastructure is at a constant risk)

Recommendations	
Existing management:	Generally Appropriate
Existing management remarks:	Environmental mitigation is of a high order.
Principal management recommendations	Maintenance of high standards of environmental mitigation for improvements; preservation of historic infrastructure.
Guideline	Medium Term (Historic audit of hisotric features eg bridges, milestones, roadside taverns, tollhouses) Medium Term (Liaison with archaeological community)
Description	
If Classification is "Other", specify here	

Cultural Landscape	
Aspect Area Name	CAT
Aspect Area Classification	Associations/Notional Expressions/Institutions/Politics (Level 4)
Aspect Area Code	MNTGMCL032
Date Of Survey : 23/10/2005	
	

Monitoring	
Has the information ever been verified in the field?	Yes (Site visit and 1:25000)
Does this area have a special or functional link with an adjacent area?	No
Description	
The classification at level 3 describes the dominant cultural context, but which other contexts are important to the cultural landscape of this area?	Institutions Customs
Which level 4 classes are particularly significant to the cultural landscape character of this area - Influences?	Tourism
To what extent do the context and level 4 details selected contribute to the cultural identity, local distinctiveness or sense of place of the area?	Moderate (Level 4 details do little to enhance the special cultural essence of the Centre for Alternative Technology)
To what extent is the cultural information widely recognised or appreciated?	Nationally (The Centre has an international reputation for developing sustainable technologies)
Are there any artistic expressions that are particularly famous or associated with the Aspect Area?	No
Are there any people / movements / institutions that are particularly famous or associated with the Aspect Area?	Yes (The founders of CAT)
Is there any folklore or are there legends that are particularly famous or associated with the Aspect Area?	No
Are there any events/traditions that are particularly famous or associated with the Aspect Area?	No
Are there any technical / scientific discoveries that are particularly famous or associated with the Aspect	Yes (Development of a range of "sustainable" technologies)

Area?	
What are the attributes of the cultural elements in the Aspect Area?	Modern (20/21st Century)
What chronological periods are culturally dominant in the area?	Post 1950
Are there certain place-names in the area that are particularly significant?	No
Summary Description: (no more than 150 words)	The renowned Centre for Alternative Technology, described as "Europe"s leading Eco-Centre", was created in the redundant slate quarry of Llywngwern in the 1970s, a short distance to the north of Machynlleth. Its aim of demonstrating a wide range of environmentally sound and sustainable aspects of living has resulted in the co-operatively-managed Centre"s reputation spreading world-wide. Today it is as much a visitor attraction as a place of environmental experimentation and development, attracting more than 60,000 visitors a year.
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the Cultural Landscape features of the area?	No
Description	
If yes, give examples of the place-names and their significance	n/a
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 4
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:10,000
What is the justification for the Aspect Area boundaries?	Boundaries are drawn around the quarry and built mapped areas
Bibliography	
List the key sources used for this assessment	Observation and sundry publications, plus media reports
Assessment	
Additional Assessments	none
Additional Comments	none
Evaluation Matrix	
Evaluation Criteria: Overall Evaluation	Outstanding (Outstanding as the trail-blazer in Wales and the UK for developing techniques and promoting the ideals and practices of environmental sustainability)
Justification of overall evaluation	See Q40
Evaluation Criteria: Recognition/transparency	Internationally/nationally recognised (CAT has an international reputation for innovation in environmental sustainability technologies)
Evaluation Criteria: Period	Strongly apparent (Outstanding as a late 20th century response to finding solutions for environmental deprecation)
Evaluation Criteria: Rarity (Culture)	Very rare (The first, and only CAT in Britain, and the Dyfi Eco-Park nearby at Machynlleth has employed several of the environmental principles developed at CAT)
Evaluation Criteria: Documentation	Unassessed
Evaluation Criteria: Group Value	Exceptional (Outstanding for being one of a kind - paradoxically, a group unto itself)
Evaluation Criteria: Survival	N/A (CAT has survived from tentative, committed beginnings 30+ years ago into being an internationally known and respected centre for environmental sustainability development)
Evaluation Criteria: Vulnerability	Unassessed
Evaluation Criteria: Diversity	Highly complex (Its developmental work in environmental sustainability has had an outstanding impact among politicians and developers)
Evaluation Criteria: Potential (Culture)	Unassessed
Description	
Which level 4 classes are particularly significant to the cultural landscape character of this area - Associations?	Places & Place Names Sense of Place Educational Movements Leisure/Recreation
Evaluation	

Condition:	Good (Although apparently physically scruffy, the Centre maintains its international reputation for its environmental sustainability work)
Value:	Outstanding (Outstanding for its pioneering work on environmental sustainability)
Trend:	Constant
Recommendations	
Existing management:	Generally Appropriate
Existing management remarks:	The co-operative is able to combine its development work with the proper management of visitors
Principal management recommendations	Continue to develop as creatively as hitherto
Guideline	
Description	
If Classification is "Other", specify here	

Monitoring	
Has the information ever been verified in the field?	No
Does this area have a special or functional link with an adjacent area?	No
Description	
The classification at level 3 describes the dominant cultural context, but which other contexts are important to the cultural landscape of this area?	Infrastructure People
Which level 4 classes are particularly significant to the cultural landscape character of this area - Influences?	Tourism
To what extent do the context and level 4 details selected contribute to the cultural identity, local distinctiveness or sense of place of the area?	Strong (Strong - the cycle track is obviously what it is, and is appreciated and enjoyed as such...)
To what extent is the cultural information widely recognised or appreciated?	Nationally (Nationally in that it is a route that goes through both Wales and Ireland...)
Are there any artistic expressions that are particularly famous or associated with the Aspect Area?	No
Are there any people / movements / institutions that are particularly famous or associated with the Aspect Area?	No
Is there any folklore or are there legends that are particularly famous or associated with the Aspect Area?	No
Are there any events/traditions that are particularly famous or associated with the Aspect Area?	Yes (Cycle races - 'race the train' alongside (021)...)
Are there any technical / scientific discoveries that are particularly famous or associated with the Aspect Area?	No
What are the attributes of the cultural elements in the Aspect Area?	Modern (20/21st Century)
What chronological periods are culturally	

dominant in the area?	Post 1950
Are there certain place-names in the area that are particularly significant?	No
Summary Description: (no more than 150 words)	A green cycle route which encompasses west Wales and the Irish republic... Part of the route follows the Menai straits, another part follows the old Caernarfon to Afonwen railway... Between Dinas and Caernarfon it parallels the new Welsh Highland Railway, which has recognised the possibility of integration by putting a cycle truck on each passenger train
Tolerance To Change	
Are there any significant threats to the current integrity and condition of the Cultural Landscape features of the area?	Not known
Description	
If yes, give examples of the place-names and their significance	
Aspect Area Boundary	
To what level was this information site-surveyed?	Level 4
At 1:10,000, how much of the Aspect Area boundary is precise?	All
What baseline information source was used for Aspect Area boundary mapping?	OS Raster
If OS Data was used, what was the scale?	1:10,000
What is the justification for the Aspect Area boundaries?	Periphery of cycle route... Note that it is counted within the railway route (021) between Caernarfon and Dinas...
Bibliography	
List the key sources used for this assessment	Website: http://www...sustrans...org...uk - accessed 5 December 2004
Assessment	
Additional Assessments	N/a
Additional Comments	N/a
Evaluation Matrix	
Evaluation Criteria: Overall Evaluation	Outstanding (Though individual evaluations vary, overall this must be regarded as outstanding)
Justification of overall evaluation	Outstanding as international green leisure amenity, as cultural link with Ireland, as green tourism initiative to be followed and to be integrated with other modes of transport through a fragile and beautiful environment...
Evaluation Criteria: Recognition/transparency	Internationally/nationally recognised (Internationally recognised (Wales-Ireland))
Evaluation Criteria: Period	Apparent (As a relatively new feature, its antiquity does not contribute to its cultural value)
Evaluation Criteria: Rarity (Culture)	Rare (One of few international routes (especially between islands!))
Evaluation Criteria: Documentation	Limited (Presumed to be low, though doubtless much documented amongst the cycling fraternity and sorority...)
Evaluation Criteria: Group Value	Moderate (Group value is counted moderate in that the route does not articulate cultural meaning in itself or by way of its relationship with other areas...)
Evaluation Criteria: Survival	N/A (There is as yet little to survive - change and adaptation may be appropriate...)
Evaluation Criteria: Vulnerability	Highly vulnerable (No evidence of vulnerability)
Evaluation Criteria: Diversity	Uncomplicated (The cycle track adds to regional diversity as an important international green amenity...)
Evaluation Criteria: Potential (Culture)	Exceptional (There is potential for the further development of this and other routes, as well for integration with other green modes of transport eg Sherpa buses, narrow-gauge railways...)
Description	
Which level 4 classes are particularly significant to the cultural landscape character of this area - Associations?	Leisure/Recreation Social Events & Institutions
Evaluation	
Condition:	Good (A new amenity, and as such in good condition...)
Value:	Outstanding
Trend:	Improving (Under the management of Sustrans...)
Recommendations	
Existing management:	Generally Appropriate
Existing management remarks:	Existing management regime is appropriate and should be supported...
Principal management recommendations	Support for existing management regime...

Guideline	Long Term (Existing management regime should be supported...) Medium Term (Further integration with Festiniog-Welsh highland Railway eg use of 'bicycle truck' on trasn between Caeranrfon and Rhyd Ddu...)
Description	
If Classification is "Other", specify here	