

Five Mile Lane Improvements

Landscape Character Area Name		Central Vale Ridges and Slopes														
Landscape Character Area Number		1														
LANDMAP EVALUATION																
Aspect	Aspect Area	Area name	Description	Evaluation Criteria									Overall Evaluation	Overall Evaluation	Management Issues	
				1	2	3	4	5	6	7	8	9				
Geological Landscapes	VLFGGL170	Moulton	Lowland plateau	M	L	L	M	L						Moderate	Forms section of broader 'Blue Lias' plateau,	Ensure that no significant and potentially conservable features of geological or geomorphological significance are lost / damaged due to development, etc. by implementing a RIGS Survey to identify key sites and adopting a strategy of temporary exposure recording to ensure that significant geological features exposed in temporary excavations are recorded and important samples conserved in recognised institutions.
	VLFGGL282	St Hilary	Other	H	M	M	M	L						High	The Aspect Area forms a key part of the Carboniferous-marginal Triassic-Jurassic massif within the Vale and includes key exposures of limestone in a working quarry at Pant y Fynon and landforms of possible geomorphological significance associated with the Nant Aberthin valley	Ensure that no significant and potentially conservable features of geological or geomorphological significance are lost / damaged due to development, etc. by implementing a RIGS Survey to identify key sites and adopting a strategy of temporary exposure recording to ensure that significant geological features exposed in temporary excavations are recorded and important samples conserved in recognised institutions.
Landscape Habitats	VLFGLLH840	Rhose Moulton	Mosaic	M	M	U	U	U	M	M	M			Moderate	Agriculturally improved land of limited value for wildlife, the focus of interest being field boundaries and occasional semi-improved grassland communities	Sympathetic management of hedgerows in particular may help to increase connectivity within and between local aspect areas....
	VLFGLLH786	Aberthaw River Valleys	Mosaic	H	O	M	-U	U	H	H	H			High	The aspect area defines a concentration of semi-natural broadleaved woodland and semi-improved neutral grasslands considered of significant biodiversity interest.	Unassessed
	VLFGLLH958	Barry North	Mosaic	H	O	M	U	U	M	M	M			Moderate	The aspect area supports a fairly high proportion of semi-natural broadleaved woodland and protected species including Great Crested Newts	Unassessed
	VLFGLLH582	Ogmore-Llantwit Arable Belt	Mosaic	M	L	M	U	L	M	L	H			Moderate	Generally improved agricultural landscape of limited biodiversity interest	Unassessed
Visual and Sensory	VLFGVLS146	Central Vale Ridges and Slopes	Mosaic Rolling Lowland	M	M	M	M							Moderate	The aspect area offers many views to hedgerows, fields, and treed areas in harmonious composition... However the flat nature of the aspect area's landscape (level plateau) makes for a less pleasing composition of elements than the more undulating or hilly areas... The integrity of the area has been affected by erosion of hedgerows in places... The area has a sense of place defined in part by its visual relationship with the sea although intrinsically the area does not have a strong character... The area contains many elements typical and representative of the Vale	Enhance woodland and hedgerow cover - restrict development to maintain rural character of area
	VLFGVLS608	Upper Waycock Valley / Dyffryn Area	Open Lowland Valley	M	H	H	M							High	The aspect area has broad, pleasing views to well managed countryside with a coherent field pattern and woodlands with settlements well integrated with the landscape and surrounding vegetation... The settlements have stone walls and streams also add to the picturesque quality of this area... The area is unspoilt, well managed and is in good and consistent condition throughout... The overall evaluation for the area is therefore high	Maintain rural character
Historic Landscapes	VLFGHL032	Llancafarn	Irregular Fieldsapes	M	O	U	O	U						Outstanding	This area, which roughly represents the extent of the medieval parish of Llancafarn, has been characterised as 'one of the best surviving, most typical historic sections of the whole of the Vale of Glamorgan'... It comprises a well-preserved irregular fieldscape and a pattern of small nucleated villages with diverse evidence of land use dating from the Iron Age, Roman, medieval and post-medieval periods... The focal point of this area is represented by the ancient settlement of Llancafarn, an historically important Early Christian monastic centre associated with the famous 6th century Welsh saint St Cadog, a contemporary of St David	Unassessed
	VLFGHL050	Dyffryn	Regular Fieldsapes	H	O	U	H	U						Outstanding	This area may be justifiably characterised as an outstandingly rich multi-period landscape, with evidence of occupation and funerary activity ranging from the Neolithic period through to the present day, with an exceptionally well-preserved group of Neolithic megalithic burial monuments at Tinkinswood, Maes-y-felin and Coed-y-Cwm which may be regarded as being of national significance.	Unassessed
Cultural	VLFGCL039	Vale of Glamorgan Rural landscape	Other Rural	H	O	L	U	O	H	L	H	L		High	High as a relatively untrammelled and evolved surviving agricultural and historic landscape	Maintain consistent planning policies to preserve the special nature of the vale

Five Mile Lane Improvements

Landscape Character Area Name		Upper Waycock Valley															
Landscape Character Area Number		2															
LANDMAP EVALUATION																	
Aspect	Aspect Area	Area name	Description	Evaluation Criteria									Overall Evaluation	Overall Evaluation	Management Issue		
				1	2	3	4	5	6	7	8	9					
Geological Landscapes	VLFGGL170	Moulton	Lowland plateau	M	L	L	M	L							Moderate	Forms section of broader 'Blue Lias' plateau,	Ensure that no significant and potentially conservable features of geological or geomorphological significance are lost / damaged due to development, etc. by implementing a RIGS Survey to identify key sites and adopting a strategy of temporary exposure recording to ensure that significant geological features exposed in temporary excavations are recorded and important samples conserved in recognised institutions.
	VLFGGL282	St Hilary	Other	H	M	M	M	L							High	The Aspect Area forms a key part of the Carboniferous-marginal Triassic-Jurassic massif within the Vale and includes key exposures of limestone in a working quarry at Pant y Ffynon and landforms of possible geomorphological significance associated with the Nant Aberthin valley	Ensure that no significant and potentially conservable features of geological or geomorphological significance are lost / damaged due to development, etc. by implementing a RIGS Survey to identify key sites and adopting a strategy of temporary exposure recording to ensure that significant geological features exposed in temporary excavations are recorded and important samples conserved in recognised institutions.
	VLFGGL532	Pendoylan	Lowland till plain / field	H	H	M	M	M							High	The area includes potentially regionally important sites showing glacio-deposition features such as kettle holes (e.g... at Mynydd y forest) and ground survey is now needed to confirm potential status	Ensure that no significant and potentially conservable features of geological or geomorphological significance are lost/damaged due to development, etc. by implementing a RIGS survey to identify key sites and establishing protection using local plan policies.
	VLFGGL749	Wenvoe	Lowland escarpment	H	H	M	M	L							High	Eastern limits of Carboniferous-marginal Triassic massif with distinct scarp and dip topography... Working and other quarries potentially include significant exposures of Carboniferous succession and marginal Triassic facies	Ensure that no significant and potentially conservable features of geological or geomorphological significance are lost / damaged due to development, etc. by implementing a RIGS Survey to identify key sites and adopting a strategy of temporary exposure recording to ensure that significant geological features exposed in temporary excavations are recorded and important samples conserved in recognised institutions.
	VLFGGL514	Thaw - Waycock	Active Lowland River - flood plain system	M	M	L	L	L							moderate	typical dendritic river-flood plain system with highly modified non-natural estuary	Ensure that no significant and potentially conservable features of geological or geomorphological significance are lost / damaged due to development, etc. by implementing a RIGS Survey to identify key sites and establishing protection using local plan policies....
Landscape Habitats	VLFGLLH840	Rhose Moulton	Mosaic	M	M	U	U	U	M	M	M				Moderate	Agriculturally improved land of limited value for wildlife, the focus of interest being field boundaries and occasional semi-improved grassland communities	Sympathetic management of hedgerows in particular may help to increase connectivity within and between local aspect areas....
	VLFGLLH958	Barry North	Mosaic	H	O	M	U	U	M	M	M				Moderate	The aspect area supports a fairly high proportion of semi-natural broadleaved woodland and protected species including Great Crested Newts	Unassessed
	VLFGLLH786	Aberthaw River Valleys	Mosaic	H	O	M	-U	U	H	H	H				High	The aspect area defines a concentration of semi-natural broadleaved woodland and semi-improved neutral grasslands considered of significant biodiversity interest.	Unassessed
Visual and Sensory	VLFGVLS146	Central Vale Ridges and Slopes	Mosaic Rolling Lowland	M	M	M	M								Moderate	The aspect area offers many views to hedgerows, fields, and treed areas in harmonious composition... However the flat nature of the aspect area's landscape (level plateau) makes for a less pleasing composition of elements than the more undulating or hilly areas... The integrity of the area has been affected by erosion of hedgerows in places... The area has a sense of place defined in part by its visual relationship with the sea although intrinsically the area does not have a strong character... The area contains many elements typical and representative of the Vale	Enhance woodland and hedgerow cover - restrict development to maintain rural character of area
	VLFGVLS271	St Nicholas and Bonvilston Ridge Crest	Mosaic Rolling Lowland	H	M	M	H								High	The aspect area offers many long views to other aspect areas, indeed much of the vale can be seen from here... This is unusual within the study area... The aspect area also offer pleasing views within its own boundaries to hedgerows and pastoral farming often set against woodland edges... The area's integrity has been effected by the A48 and several settlements, plus ongoing, often inappropriate expansion, to existing settlements and at more rural locations... The area is a clear ridgetop but is broad backed and the subtle landform merges with the slopes blurring a local distinctiveness... The area exhibits several qualities and features that are representative of the study area... Importantly the aspect area is the only one from where most of the vale landscape can be viewed.	Maintain tree cover on ridge line to integrate development
	VLFGVLS608	Upper Waycock Valley / Dyffryn Area	Open Lowland Valley	M	H	H	M								High	The aspect area has broad, pleasing views to well managed countryside with a coherent field pattern and woodlands with settlements well integrated with the landscape and surrounding vegetation... The settlements have stone walls and streams also add to the picturesque quality of this area... The area is unspoilt, well managed and is in good and consistent condition throughout... The overall evaluation for the area is therefore high	Maintain rural character
Historic Landscapes	VLFGHL050	Dyffryn	Regular Fieldscales	H	O	U	H	U							Outstanding	This area may be justifiably characterised as an outstandingly rich multi-period landscape, with evidence of occupation and funerary activity ranging from the Neolithic period through to the present day, with an exceptionally well-preserved group of Neolithic megalithic burial monuments at Tinkinswood, Maes-y-felin and Coed-y-Cwm which may be regarded as being of national significance.	Unassessed
	VLFGHL022	A48 Lougher to Chepstow communication co	Communications	H	O	U	H	U							Outstanding	An ancient communications route following the line of the Roman road running W from Cardiff toward Neath, its primary focus being the historic town of Cowbridge, where archaeological excavations have revealed well-preserved remains of a Roman 'small town' underlying the later medieval planned urban settlement established in 1254... Roman and medieval finds and features predominate within the archaeological record	Unassessed
Cultural Landscapes	VLFGCL028	Rural Village Conservation Areas	Other Institutions	M	H	L	M	O	H	L	L	U			Outstanding	Outstanding as a discernible determination by the Unitary Authority to safeguard the social and built components of the historic rural environment of the Vale	Continue to police designated areas
	VLFGCL039	Vale of Glamorgan Rural landscape	Other Rural	H	O	L	U	O	H	L	H	L			High	High as a relatively untrammelled and evolved surviving agricultural and historic landscape	Maintain consistent planning policies to preserve the special nature of the vale

Five Mile Lane Improvements

Landscape Character Area Name				Lower Waycock Valley												
Landscape Character Area Number				3												
LANDMAP EVALUATION																
Aspect	Aspect Area	Area name	Description	Evaluation Criteria									Overall Evaluation	Overall Evaluation	Management Issue	
				1	2	3	4	5	6	7	8	9				
Geological Landscapes	VLFGGL170	Moulton	Lowland plateau	M	L	L	M	L						Moderate	Forms section of broader 'Blue Lias' plateau,	Ensure that no significant and potentially conservable features of geological or geomorphological significance are lost / damaged due to development, etc. by implementing a RIGS Survey to identify key sites and adopting a strategy of temporary exposure recording to ensure that significant geological features exposed in temporary excavations are recorded and important samples conserved in recognised institutions.
	VLFGGL514	Thaw - Waycock	Active Lowland River - flood plain system	M	M	L	L	L						moderate	typical dendritic river-flood plain system with highly modified non-natural estuary	Ensure that no significant and potentially conservable features of geological or geomorphological significance are lost / damaged due to development, etc. by implementing a RIGS Survey to identify key sites and establishing protection using local plan policies....
	VLFGGL962	Barry - Rhose	Lowland plateau	H	H	M	M	M						High	Area includes key inland exposures of Lower Jurassic, Blue Lias Formation with scientific and educational potential and therefore including possible candidate RIGS sites	Ensure that no significant and potentially conservable features of geological or geomorphological significance are lost / damaged due to development, etc. by implementing a RIGS Survey to identify key sites and adopting a strategy of temporary exposure recording to ensure that significant geological features exposed in temporary excavations are recorded and important samples conserved in recognised institutions.
Landscape Habitats	VLFGLLH786	Aberthaw River Valleys	Mosaic	H	O	M	-U	U	H	H	H			High	The aspect area defines a concentration of semi-natural broadleaved woodland and semi-improved neutral grasslands considered of significant biodiversity interest.	Unassessed
	VLFGLLH958	Barry North	Mosaic	H	O	M	U	U	M	M	M			Moderate	The aspect area supports a fairly high proportion of semi-natural broadleaved woodland and protected species including Great Crested Newts	Unassessed
Visual and Sensory	VLFGVLS608	Upper Waycock Valley / Dyffryn Area	Open Lowland Valley	M	H	H	M							High	The aspect area has broad, pleasing views to well managed countryside with a coherent field pattern and woodlands with settlements well integrated with the landscape and surrounding vegetation... The settlements have stone walls and streams also add to the picturesque quality of this area... The area is unspoilt, well managed and is in good and consistent condition throughout... The overall evaluation for the area is therefore high	Maintain rural character
	VLFGVLS453	Llancarfan and Waycock Valleys	Mosaic Lowland Valleys	H	H	H	H							High	The aspect area possesses a high quality scenic landscape with many picturesque views to fields, hedgerows and steeply wooded valley sides in an aesthetic composition... The integrity of the area is intact with consistent character and no inappropriate development within the settlements... The power lines in the Waycock do not mask the areas intrinsic qualities... The integrity of the area is also maintained within the rural landscape where hedgerows are maintained... The aspect area possesses a distinctive character defined by the strong enclosing topography, historic settlement pattern and features, woodland cover all creating a strong sense of place... The narrow enclosure and continuity of historic character are relatively rare...The overall evaluation is therefore high	Retain and enhance intrinsic character through woodland and hedgerow management and development restriction
	VLFGVLS146	Central Vale Ridges and Slopes	Mosaic Rolling Lowland	M	M	M	M							Moderate	The aspect area offers many views to hedgerows, fields, and treed areas in harmonious composition... However the flat nature of the aspect area's landscape (level plateau) makes for a less pleasing composition of elements than the more undulating or hilly areas... The integrity of the area has been affected by erosion of hedgerows in places... The area has a sense of place defined in part by its visual relationship with the sea although intrinsically the area does not have a strong character... The area contains many elements typical and representative of the Vale	Enhance woodland and hedgerow cover - restrict development to maintain rural character of area
Historic Landscapes	VLFGHL032	Llancarfan	Irregular Fieldsapes	M	O	U	O	U						Outstanding	This area, which roughly represents the extent of the medieval parish of Llancarfan, has been characterised as 'one of the best surviving, most typical historic sections of the whole of the Vale of Glamorgan'... It comprises a well-preserved irregular fieldscape and a pattern of small nucleated villages with diverse evidence of land use dating from the Iron Age, Roman, medieval and post-medieval periods... The focal point of this area is represented by the ancient settlement of Llancarfan, an historically important Early Christian monastic centre associated with the famous 6th century Welsh saint St Cadog, a contemporary of St David	Unassessed
	VLFGHL050	Dyffryn	Regular Fieldsapes	H	O	U	H	U						Outstanding	This area may be justifiably characterised as an outstandingly rich multi-period landscape, with evidence of occupation and funerary activity ranging from the Neolithic period through to the present day, with an exceptionally well-preserved group of Neolithic megalithic burial monuments at Tinkinswood, Maes-y-felin and Coed-y-Cwm which may be regarded as being of national significance.	Unassessed
Cultural	VLFGCL039	Vale of Glamorgan Rural landscape	Other Rural	H	O	L	U	O	H	L	H	L		High	High as a relatively untrammelled and evolved surviving agricultural and historic landscape	Maintain consistent planning policies to preserve the special nature of the vale

Five Mile Lane Improvements

Landscape Character Area Name		Rhoose Porthkerry															
Landscape Character Area Number		4															
LANDMAP EVALUATION																	
Aspect	Aspect Area	Area name	Description	Evaluation Criteria									Overall Evaluation	Overall Evaluation	Management Issue		
				1	2	3	4	5	6	7	8	9					
Geological Landscapes	VLFGGL962	Barry - Rhoose	Lowland plateau	H	H	M	M	M							High	Area includes key inland exposures of Lower Jurassic, Blue Lias Formation with scientific and educational potential and therefore including possible candidate RIGS sites	Ensure that no significant and potentially conservable features of geological or geomorphological significance are lost / damaged due to development, etc. by implementing a RIGS Survey to identify key sites and adopting a strategy of temporary exposure recording to ensure that significant geological features exposed in temporary excavations are recorded and important samples conserved in recognised institutions.
Landscape Habitats	VLFGGLH840	Rhoose Moulton	Mosaic	M	M	U	U	U			M	M	M		Moderate	Agriculturally improved land of limited value for wildlife, the focus of interest being field boundaries and occasional semi-improved grassland communities	Sympathetic management of hedgerows in particular may help to increase connectivity within and between local aspect areas....
Visual and Sensory	VLFGVLS608	Upper Waycock Valley / Dyffryn Area	Open Lowland Valley	M	H	H	M								High	The aspect area has broad, pleasing views to well managed countryside with a coherent field pattern and woodlands with settlements well integrated with the landscape and surrounding vegetation... The settlements have stone walls and streams also add to the picturesque quality of this area... The area is unspoilt, well managed and is in good and consistent condition throughout... The overall evaluation for the area is therefore high	Maintain rural character
Historic Landscapes	VLFGHL032	Llancarfan	Irregular Fieldscapes	M	O	U	O	U							Outstanding	This area, which roughly represents the extent of the medieval parish of Llancarfan, has been characterised as 'one of the best surviving, most typical historic sections of the whole of the Vale of Glamorgan'... It comprises a well-preserved irregular fieldscape and a pattern of small nucleated villages with diverse evidence of land use dating from the Iron Age, Roman, medieval and post-medieval periods... The focal point of this area is represented by the ancient settlement of Llancarfan, an historically important Early Christian monastic centre associated with the famous 6th century Welsh saint St Cadog, a contemporary of St David	Unassessed
	VLFGHL050	Dyffryn	Regular Fieldscapes	H	O	U	H	U							Outstanding	This area may be justifiably characterised as an outstandingly rich multi-period landscape, with evidence of occupation and funerary activity ranging from the Neolithic period through to the present day, with an exceptionally well-preserved group of Neolithic megalithic burial monuments at Tinkinswood, Maes-y-felin and Coed-y-Cwm which may be regarded as being of national significance.	Unassessed
	VLFGCL039	Vale of Glamorgan Rural landscape	Other Rural	H	O	L	U	O	H	L	H	L			High	High as a relatively untrammelled and evolved surviving agricultural and historic landscape	Maintain consistent planning policies to preserve the special nature of the vale

The sub criteria for each aspect topic layer are as follows:-

Geological Landscapes	Landscape Habitats	Visual and Sensory	Historic Landscapes	Cultural Landscapes
1 – Research/Educational Value	1 – Priority Habitats	1 – Scenic Quality	1 – Rarity	1 – Recognition/Transparency
2 – Historic Value	2 – Significance	2 – Integrity	2 – Survival/Preservation	2 – Period
3 – Rarity/Uniqueness	3 – Opportunity	3 – Character	3 – Coherence	3 – Rarity
4 – Classic Example	4 – Decline Rates	4 – Rarity	4 – Potential	4 – Documentation
	5 – Threat		5 – Amenity Value	5 – Group Value
	6 – Fragmentation			6 – Survival
	7 – Habitat Evaluation			7 – Vulnerability
	8 – Importance for Key Species			8 – Diversity
				9 – Potential