

High Speed Rail (Crewe – Manchester) Environmental Statement

Volume 5: Appendix HE-002-OR003

Historic environment

Off-route works: Annandale depot
Summary gazetteer, impact assessment table,
archaeological character areas and
historic landscape character areas

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Department
for Transport

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1 Introduction

1.1 Purpose of this report

- 1.1.1 This report is an appendix to the historic environment assessment. It presents a summary gazetteer of heritage assets and sets out impact assessment tables relating to the Annandale depot. It also provides a summary of the identified Archaeological Character Areas (ACA) and Archaeological sub-zones (ASZ), and the Historic Landscape Character Areas (HLCA).
- 1.1.2 This appendix should be read in conjunction with:
- Volume 3, Route-wide effects;
 - Volume 4, Off-route effects; and
 - Volume 5, Appendices.
- 1.1.3 Historic environment baseline data are set out in the historic environment baseline, field survey and remote sensing report (BID HE-001-OR003¹), which includes the historic environment detailed gazetteer in Appendix A.
- 1.1.4 The gazetteers set out Unique gazetteer identifier (UID) codes for the heritage assets considered in the impact assessment; the UID are used for reference across all the historic environment reports and maps.
- 1.1.5 This report should be read in conjunction with Map Series HE-01, HE-02 and HE-03 in the Volume 5, Historic environment Map Book.

1.2 Description of summary gazetteer

- 1.2.1
- 1.2.2 Table 1 below sets out the information provided in the summary gazetteer (Table 4 in Section 3). The summary gazetteer provides a synopsis of all known heritage assets within the study area for Annandale depot. A detailed gazetteer and further background are provided in BID HE-001-OR003¹.

¹ High Speed Two Ltd (2021), High Speed Rail (Crewe – Manchester), *Background Information and Data, Historic Environment baseline and remote sensing report*, BID HE-001-OR003. Available online at: <https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-environmental-statement>.

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Table 1: Information provided for each heritage asset in the summary gazetteer

Gazetteer heading	Information provided
UID	UID – every asset has been allocated a project specific reference, that identifies it by area and links to the baseline report, detailed gazetteer and map books
Map reference	Map Book reference – reference to the map book sheet on which the asset can be found
NGR	National Grid Reference (NGR) – 8 figure grid reference locating asset, no spaces
Other reference	The Scottish Historic Environment Portal (SHEP) or Historic Environment Record (HER) reference number, where applicable
Monument type	Classification of monument type using the definitions provided by the Forum on Information Standards in Heritage (FISH) Thesaurus of Monument Types
Name	Asset name used on designation records or another clearly identifiable name
Description	Summary asset description, including the contribution made by setting to value
Period	Primary period from which the asset originates (period classifications are defined by FISH and presented in the Glossary and Definitions
Designation and grade	Type and category of historic environment designation where relevant
Heritage value	Value as set out in the Scope and Methodology Report (SMR)

1.3 Description of impact assessment table

- 1.3.1 Table 2 sets out the information provided on the impacts on all identified heritage assets and the likely resulting environmental effects, taking into account agreed mitigation measures as set out in the Impact Assessment Table (IAT) (Table 5 in Section 4).
- 1.3.2 Details on the assignment of values and the assessment of the scale of impacts are set out in the Environmental Impact Assessment (EIA) Scope and Methodology Report (SMR) (Volume 5, Appendix CT-001-00001).

Table 2: Information provided in the Impact Assessment Table

IAT heading	Information provided
UID	UID – every asset has been allocated a project specific reference, that identifies it by area and links to the baseline information report, detailed gazetteer and map books.
Map reference	Map Book reference – reference to the map book sheet on which the asset can be found.
Name	Asset name used on designation records or another clearly identifiable name.
Designation and grade	Type and category of historic environment designation where relevant.
Heritage value	Value as set out in the SMR.
Impact	Description and explanation of the magnitude of impact as set out in the SMR, and described in relation to the construction phase (which may be temporary or permanent) and operation phase (which are permanent), as set out in the temporal scope of assessment in the SMR.
Effect	This is the overall significance of effect resulting from the permanent effects of the Proposed Scheme that arise either during the construction or operation phases of the project, or both (as set out in the SMR). Effects can be adverse or beneficial, as stated in the IAT.

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1.4 Archaeological character areas and archaeological sub-zones

- 1.4.1 The methodology for the assessment of historic environment baseline conditions included an assessment of the archaeological potential of the community area and the associated 'risk' that the land required for the construction of the Proposed Scheme may contain unknown buried archaeological remains.
- 1.4.2 Risk assessment was undertaken for the purpose of prioritising appropriate locations for the application of non-intrusive archaeological survey techniques.
- 1.4.3 The method for risk assessment and survey prioritisation is presented in a technical note: 'Risk-based approach to prioritising archaeological surveys' in the SMR (Volume 5, Appendix CT-001-00001).
- 1.4.4 Risk, for the purposes of this methodology, as those areas of the project (within the land required for the construction of the Proposed Scheme) where knowledge regarding the potential presence and/or characteristics of archaeological assets is insufficient to form a professional judgement as to their extent or value, or to understand the level of harm to that value which might be anticipated.
- 1.4.5 The approach sought to assess the archaeological potential of the landscape, breaking it down into areas of archaeological character; initially into broad ACA, and then more narrowly defined ASZ.
- 1.4.6 The ACA and ASZ were defined using the following sources:
- geological and topographic background data;
 - modern land use and character;
 - data gathered in relation to the known archaeological resource; and
 - data gathered in relation to historic land-use.
- 1.4.7 The following 'risk ratings' have been applied to each of the ASZ, and this is referred to below and in the corresponding Volume 5 Historic environment Map book, Map series (HE-03-OR003):
- Risk rating 1 – high, an area where there is no or only limited site-specific data available to characterise the archaeological resource, but data from other sources, for example remote sensing, boreholes and historic landscape analysis, indicate the potential for significant remains to be present;
 - Risk rating 2 – medium, an area where there is no site-specific data available to define the archaeological resource and no available data from other sources;
 - Risk rating 3 – low, an area where archaeological character is very well understood and sufficient data are available to inform Environmental Impact Assessment; and

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- Risk rating 4 – none, an area where the potential for archaeological remains is known to have been removed by past activity and the potential for the presence of archaeological remains to be present is reduced to essentially nil.

1.4.8 The assignment of risk ratings to ASZ was an iterative process. Integration of the results of remote sensing and geophysical survey into the assessment of archaeological potential allowed for the revision of risk ratings during the project lifecycle. ACA and ASZ identified in Annandale depot are summarised in Table 6 and Table 7, in Section 5 along with final risk ratings.

1.4.9 The ASZ have been allocated an individual ASZ reference. As a result of the iterative process described above, these references may not always be consecutive.

1.5 Historic landscape character areas

Introduction

1.5.1 The approach used for this assessment was a character-based method. Historic land-use assessment (HLA) mapping derived from the Historic Environment Scotland (HES) has been used to determine broad HLCA. HLCA are areas of coherent or distinctive historic landscape characteristics.

1.5.2 The HLCA are described in Section 6, in terms of their attributed value and assessment of impact, to determine the significance of effect of the Proposed Scheme on the HLCA in accordance with the SMR.

Defining historic landscape character areas

1.5.3 HLCA were defined where the historic landscape displays demonstrable patterns of homogeneity and/or distinctiveness. There may be some areas defined as HLCA that, owing to the nature of recent land use, have limited or no heritage value.

1.5.4 Within the 2km study area, the boundaries of HLCA were determined by considering the nature and patterning of HLA types (e.g. extensive areas of rectilinear enclosure) informed by information from other sources (see below).

1.5.5 Some HLCA were influenced by factors such as topography and geology as these physical factors influence agriculture, industry and settlement. In these instances, HLCA may align closely with the Landscape Character Areas (LCA) prepared by the landscape and visual assessment team.

1.5.6 The HLCA can contribute to the historical dimension of corresponding LCA. There has been collaboration with the landscape and visual assessment team to ensure a common understanding of how historic processes have shaped the landscape and are expressed within it.

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1.5.7 Defining the HLCA described below was primarily based on:

- HLA mapping;
- historic mapping, including Roy's Military Survey of Scotland, estate maps and first edition Ordnance Survey;
- Historic Environment Record (HER) data;
- aerial photography;
- project specific data drawn from historic air photographs, Light Detection and Ranging (LiDAR) data and site visits; and
- a review of existing LCA boundaries/typologies.

1.5.8 From the sources above, the boundaries and characteristics of the HLCA were determined and are described below, based on an analysis of overall historic development trends and the following factors:

- patterning (homogeneity or variance) of HLA types in terms of type, relationships² and date;
- variation in apparent survival level³ of historic landscape features; and
- professional judgement.

Assigning value

1.5.9 The value of the HLCA is described in line with the SMR. Key attributes that contribute to heritage value are defined as follows:

- historic interest – illustrative value (illustrating past events, places or people), communal value (commemorative or symbolic), and associative value (association with a notable person, event or movement);
- archaeological interest – evidential or research value;
- architectural and artistic interest – contemporary appreciation of the asset's aesthetics;
- historical and cultural associations (links to historic interest) – relates to the value of a place's association with important historical events and themes, eras, patterns of use and development or individual people. It incorporates the history of aesthetics, artistic and literary, architecture, archaeology, science and society, so it overlaps (or underlies) the other categories of heritage value; and

² i.e. the presence of types that are inherently related to on another such as assart fields and ancient woodland.

³ This is an aspect which can be initially evaluated from comparing recorded HLC type with aerial photography. Examples can include whether vegetation, particularly hedges, look to be denuded (survive poorly) or relatively intact (survive well), or rig and furrow is extant and visible as earthworks (survive well) or are ploughed out (survive poorly).

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- research potential (links to archaeological interest) – value relates to the technical achievements associated with a place, or to its educational potential. It also encompasses places important to furthering the understanding of the natural and altered environment, and the embodiment of heritage research.

1.5.10 Each of the attributes contributed to defining the overall value of a HLCA.

Magnitude of impact

1.5.11 The magnitude of impact includes consideration of the elements of the Proposed Scheme that extend into the HLCA, and how these physically alter identified key elements of the HLCA which make a positive contribution to its heritage value. A judgement of the capacity of the HLCA to accommodate change as a result of the Proposed Scheme has also been considered. For example, an HLCA characterised by linear industrial features, such as major roads and canals, is likely to have a greater capacity to absorb additional linear development without experiencing a significant change to its heritage value. The assessment also considered the duration and reversibility of the impact; for example, where a temporary effect would occur during the construction phase, but land would be reinstated afterwards such as in the case of temporary construction compounds.

Significance of effect

1.5.12 The assessment of the significance of effect was undertaken using the method set out in the SMR.

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2 List of acronyms

2.1.1 The following acronyms have been used in this report:

Table 3: List of acronyms

Acronym	Meaning
ACA	Archaeological Character Area
AOD	Above Ordnance Datum
ASZ	Archaeological Sub Zone
BID	Background Information and Data
FISH	Forum on Information Standards in Archaeology
HER	Historic Environment Record
HES	Historic Environment Scotland
HLA	Historic Land-use Assessment
HLCA	Historic Landscape Character Area
LiDAR	Light Detection and Ranging
NGR	National Grid Reference
SHEP	Scottish Historic Environment Portal
SMR	Scope and Methodology Report
UID	Unique gazetteer Identifier

3 Summary gazetteer

Table 4: Gazetteer of heritage assets Annandale depot

UID	Map reference	NGR	Other reference	Monument type	Name	Description	Period	Designation and grade	Heritage value
OR003_0001	HE-01-805	329692 570308	NHLE: LB9785 HER: MDG20780 NMR n/a	Agriculture and subsistence Farmstead	Williamsfield Farmhouse	Farmhouse built in the late 18th century. The value of the asset lies in its architectural and historic interest, especially as a record of historic farming practices. The setting of the farmhouse is formed by its associated steading farm buildings, within a rural landscape. It is also associated with the Mossknowe estate, which lies to the south-west. The setting of the asset makes a positive contribution to its value.	Post-medieval	Listed building Category C	Moderate
OR003_0002	HE-01-806	326584 570469	NHLE: LB9788 HER: MDG20783 NMR n/a	Domestic Mansion house	Cove House	An 17th century country house, however, it was substantially remodelled in 1844. The value of the asset is derived from its architectural and historic interest, as an example of a country house of a prominent local family. The asset also has group value with associated estate buildings at Cove Lodge (OR003_0046) and Cove Farm (OR003_0047). The setting of the house is formed by private wooded grounds. Despite the development of a holiday park within the grounds of Cove House, some elements of the parkland survive to the west. The setting makes a neutral contribution to the value of the asset.	Post-medieval	Listed building Category B	High
OR003_0003	HE-01-806	328103 569766	NHLE: LB9799 HER: MDG20794 NMR n/a	Domestic Mansion house	Mossknowe House	A country house designed by architect William Craik of Arbigland in the Palladian style, constructed in 1767. The asset derives its value from its artistic, architectural and historic interest. It also has group value with the associated estate buildings, including three lodges around the estate grounds. The setting of the house comprises of large private estate grounds, bordered by large wooded areas, which are predominantly used for pasture. The setting makes a positive contribution to the value of the asset.	Post-medieval	Listed building Category A	High
OR003_0004	HE-01-806	328035 569743	NHLE: LB9800 HER: MDG5250 NMR n/a	Gardens, parks and urban spaces Walled garden	Mossknowe, Garden Wall, Gateway and Shed at east	Garden area bounded to the north by a mid-18th century wall, incorporating a reused datestone of 1663 from the predecessor of Mossknowe House (OR003_0003). Inscribed slab above gateway bears initials of William Graham and Margaret Irvine his wife, as well as thistle and fleur-de-lys ornament and motto. The value of the asset lies in its historic, archaeological and artistic interest. The setting of the asset is within the grounds of the Mossknowe estate and has group value with Mossknowe House and the ancillary estate buildings. The setting makes a positive contribution to the value of the asset.	Post-medieval	Listed building Category B	High
OR003_0005	HE-02-803	328007 569765	NHLE: LB9801 HER n/a NMR n/a	Domestic Saddlery	Mossknowe, Former Stables	Large stables court and farm buildings built circa 1770, incorporating earlier fabric. The south block is later and dates to the 19th century. The cartshed to the south-east incorporates a reused stone lintel dated 1671. The value of the asset lies in its historic and architectural interest, as an example of a principal estate farm. The setting of the asset is within the grounds of the Mossknowe estate and in close proximity to the main house and ancillary estate buildings. The setting makes a positive contribution to the value of the asset.	Post-medieval	Listed building Category B	High
OR003_0006	HE-02-803	327837 569509	NHLE: LB9802 HER n/a NMR n/a	Domestic Lodge	Mossknowe, Former South Lodge	A single storey lodge to the south of Mossknowe estate grounds, built circa 1840. The value of the asset lies in its architectural interest and its historic relationship with Mossknowe House (OR003_0003) and its parkland (OR003_0065). The setting of this lodge is rural and it sits at the southern entrance into the estate grounds of Mossknowe House. It is also located alongside a country lane which runs along the edge of	Post-medieval	Listed building Category B	High

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UID	Map reference	NGR	Other reference	Monument type	Name	Description	Period	Designation and grade	Heritage value
						the estate. The setting in relation to the parkland is illustrative of its historic function and makes a positive contribution to the heritage value of the asset.			
OR003_0007	HE-01-806	328578 570019	NHLE: LB9810 HER: MDG20805 NMR n/a	Agriculture and subsistence Farmstead	Grahamshill Farmhouse and Steading	Farmhouse and steading, dating from the 18th century and now used as a hotel and wedding venue. The asset's value is derived from its architectural and historic interest, demonstrating historic farming practices. The setting comprises agricultural fields to the north, east and west. However, late 20th century buildings, a car park and noise from the WCML to the north and the A74(M) to the south, contribute negatively to the asset's value. Overall, the setting makes a positive contribution to the asset's value, informing an understanding of its historic function as an estate farm.	Post-medieval	Listed building Category B	High
OR003_0008	HE-01-806	327646 570096	NHLE: LB9812 HER: MGD20807 NMR n/a	Religious, ritual and funerary Church	Kirkpatrick Fleming Parish Church and Churchyard including Woodhouse Burial Enclosure	Parish church, churchyard and enclosure dating to the 18th century. The heritage value of the asset is derived from its historic and architectural interest, as an example of a parish church and place of worship. The asset also has archaeological interest, as the location is thought to have been the site of a church from the 12th century. The setting of the asset comprises two later churchyard extensions south and east with agricultural fields beyond. The setting of the asset makes a positive contribution to its value.	Post-medieval	Listed building Category B	High
OR003_0009	HE-01-806	327637 570091	NHLE: LB9813 HER: MDG11216 NMR n/a	Religious, ritual and funerary Churchyard	Kirkpatrick Fleming Parish Churchyard, Graham of Mossknowe Burial Enclosure	The Graham of Mossknowe family burial enclosure dates to about 1673 and is situated within the churchyard of the parish church. The heritage value of the asset lies in its archaeological and artistic interest, as an example of a burial place of a prominent local family. The setting of the burial enclosure is within the parish churchyard and lies immediately adjacent to the parish church. The setting adjacent to the church is key to understanding the historic interest of the asset and makes a positive contribution to the value of the asset.	Post-medieval	Listed building Category A	High
OR003_0010	HE-01-806	327472 570757	NHLE: LB9814 HER: MDG23803 NMR n/a	Health and welfare Workhouse	Kirkpatrick Fleming Village, Notwen House and Gatepiers	A former workhouse, designed by John Hodgson of Carlisle and dated to 1851, with alterations by Oliver Dodgshon of Carlisle in 1907. The heritage value of the asset lies in its historic and architectural interest, as an example of a 19th century institutional building. The setting is formed by car parks and private gardens to the north and south of the asset, with Kirkpatrick-Fleming village centre to the south and agricultural fields to the north and west. The setting makes a positive contribution to the value of the asset, maintaining its historic context.	Post-medieval, and Modern.	Listed building Category B	High
OR003_0011	HE-01-806	327509 570147	NHLE: LB9815 HER: MDG20809 NMR n/a	Agriculture and subsistence Farmstead	Kirkpatrick House, Farmhouse and Steading	Farmhouse, built in 1852 with large steading to the north dating to the 18th-19th centuries. The value of the asset is derived from its historic and architectural interest, as an example of historic farming practices. The setting of the asset comprises private gardens, surrounded by agricultural fields. The setting within agricultural fields is key to understanding the historic function of the asset and makes a positive contribution to its value.	Post-medieval	Listed building Category B	High
OR003_0012	HE-02-803	332116 568368	NHLE: LB9929 HER: MDG20922 NMR n/a	Industrial Blacksmiths workshop	Springfield Village, Old Blacksmith's Shop and Smithy	A row of three single-storey cottages, dating to the 18th-19th centuries, one of which is a former Blacksmith's shop. The value of the asset lies in its architectural and historic interest, as a record of small-scale industrial activity and as the famous location of 'runaway weddings' since the 18th century. The asset lies adjacent to the former toll road and at a crossroads. The A74(M) has severed the village of Gretna Green and impacts the ability to understand the historic relationship	Post-medieval	Listed building Category B	High

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						with Gretna Hall and the Church. The setting makes a neutral contribution to the value of the asset.			
OR003_0013	HE-01-805	330741 568958	NHLE: LB9930 HER: MDG20923 NMR n/a	Agriculture and subsistence Farmhouse	Douglas Farmhouse	The asset is a single storey farmhouse, which is rubble-built with ashlar dressings and three-bays, dated to 1857. The value of the asset lies in its architectural and historic interest, especially as a record of historic farming practices. The asset is located within a rural landscape, adjacent to the main road B7076 with detached farm buildings to the north of the road. The setting illustrates the historic function of the asset and makes a positive contribution to its value.	Post-medieval	Listed building Category C	Moderate
OR003_0014	HE-02-803	331933 568219	NHLE: LB9931 HER: MDG20924 NMR n/a	Domestic Mansion house	Gretna Green, Gretna Hall Hotel and Gatepiers	Originally a two-storey country house built for the Johnstone family of Gretna and dated to 1710. The asset was subsequently converted to a coach house and hotel. The value of the asset lies in its historic and architectural interest, as an example of a country house built for a locally prominent family. The asset also has group value with the range of stables to the north-west. The setting of the house is formed by former estate parkland although this is reduced in size due to the construction of the A74(M). The setting makes a neutral contribution to the value of the asset.	Post-medieval	Listed building Category B	High
OR003_0015	HE-02-803	331864 568224	NHLE: LB9958 HER: MDG20950 NMR n/a	Agriculture and subsistence Stable	Gretna Green, Gretna Hall Former Stables, including Elmwood	Stables west of Gretna Hall, which are dated to 1710. There are four ranges built around a cobbled quadrangular court although they are not necessarily all contemporary. The value of the asset lies in its architectural and historic interest through its association with Gretna Hall (OR003_0014). The setting of the stables within the former Gretna Hall estate is important to understanding this historic interest. However, the construction of the A74(M) has reduced the size of the former estate. The setting therefore makes a neutral contribution to the value of the asset.	Post-medieval	Listed building Category B	High
OR003_0016	HE-02-803	331929 568009	NHLE: LB9959 HER: MDG20951 NMR n/a	Religious, ritual and funerary Church	Gretna Green, Gretna Parish Church and Churchyard	Parish church dated to 1797, with alterations by James Barbour in 1909, although the south wall may be earlier. The value of the asset lies in its historic and architectural interest, as an example of a parish church and place of worship. The setting of the asset is formed by the surrounding churchyard, which lies within a historic village centre. The setting makes a positive contribution to the value of the asset.	Post-medieval, and Modern.	Listed building Category B	High
OR003_0017	HE-02-803	327938 569094	NHLE: SM11947 HER: MDG7361 NMR n/a	Religious, ritual and funerary Burial cairn	Calvertsholm Cottages, cairn 315m WNW of	A burial cairn likely to date to the early Bronze Age, now visible as a turf and grass-covered circular mound. The heritage value of this asset lies in its archaeological interest, as an example of a prehistoric funerary monument. The cairn lies in a cultivated grass field, on a rise above the flood plain and approximately 400m south-west of Kirtle Water. It forms part of a larger group of similar burial sites in the immediate area. The setting makes a positive contribution to the value of the asset.	Prehistoric, and Bronze Age.	Scheduled monument	High
OR003_0018	HE-02-803	325074 571492	NHLE: SM12071 HER: MDG20781 NMR n/a	Domestic Tower house	Woodhouse Tower, tower house	The monument comprises the remains of Woodhouse Tower, a late 16th-century tower house. The value of this asset lies in its historic and archaeological interest, as an example of a defensive tower house. The setting of the asset includes the railway to the north-east and Kirtle Water to the west. The asset benefits from a commanding position on the escarpment over Kirtle Water. The setting makes a positive contribution to the value of the asset.	Post-medieval	Scheduled monument	High

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UID	Map reference	NGR	Other reference	Monument type	Name	Description	Period	Designation and grade	Heritage value
OR003_0019	HE-02-803	324723 571090	NHLE: SM11987 HER: MDG7491 NMR n/a	Religious, ritual and funerary Burial cairn	Robgill Mains, cairn 320m E of	The monument comprises a large burial cairn likely to date to the Bronze Age, now visible as a low, grass-covered circular stone mound. The heritage value of this asset lies in its archaeological interest, as an example of a prehistoric funerary monument. The asset is situated in a prominent position, in a large cultivated field and around 500m west of the Kirtle Water. The setting makes a positive contribution to its value.	Prehistoric, and Bronze Age.	Scheduled monument	High
OR003_0020	HE-01-805	330296 568888	NHLE: SM11994 HER: MDG7759 NMR n/a Remote sens. ID: OR003_RS044, OR003_RS045, OR003_046	Domestic Enclosed settlement	The Bracken, enclosed settlement and driveway 370m WSW of	The monument comprises an enclosed settlement and ditched driveway of probable Iron Age date. The value of this asset lies in its archaeological interest, as an example of a prehistoric settlement. The setting of the asset is an area of improved pasture, with the Gretna Services Area to the south-east and the A74(M) to the immediate north, just below the summit of a low ridge on a gentle south-west facing slope. The setting makes a negative contribution to the value of the asset.	Prehistoric, Neolithic, Bronze Age, and Iron Age.	Scheduled monument	High
OR003_0021	HE-01-805	331378 569303	NHLE: SM11995 HER: MDG7773 NMR n/a Remote sens. ID: OR003_RS039, OR003_RS040	Domestic Enclosed settlement	Whinnyrig, enclosed settlement, driveway and field system 130m ENE of	Remains of a prehistoric enclosed settlement and field system, visible as cropmarks. The value of the asset lies in its archaeological interest, as an example of a prehistoric settlement. The setting of the asset is farmland which contains the buried remains of an associated field system (OR003_0083), with which Whinnyrig has group value. A private track lies immediately adjacent to the south and the WCML lies approximately 150m to the north. The setting in relation to the wider Whinnyrig Field System makes a positive contribution to the value of the asset.	Prehistoric, and Iron Age.	Scheduled monument	High
OR003_0022	HE-02-803	328063 569264	NHLE: SM11950 HER: MDG7359 NMR n/a	Religious, ritual and funerary Burial cairn	Calvertsholm Cottages, cairn 320m NNW of	The monument comprises a burial cairn likely to date to the early Bronze Age, now visible as a low turf- and grass-covered circular stone mound. The value of the asset lies in its archaeological interest, as an example of a prehistoric funerary monument. The setting of the asset is within a large cultivated field on the northern side of the Solway Firth and forms part of a larger group of similar burial sites in the immediate area. The setting makes a positive contribution to the value of the asset.	Prehistoric, and Bronze Age.	Scheduled monument	High
OR003_0023	HE-02-803	325278 571084	NHLE: SM11951 HER: MDG7445 NMR n/a	Religious, ritual and funerary Burial cairn	Blackyett, cairn 225m E of	The monument comprises a mound likely to be a burial cairn dating to the Bronze Age. It survives as a substantial circular earthwork contained by a fenced deciduous plantation. The heritage value of this asset lies in its archaeological interest, as an example of a prehistoric funerary monument. The setting includes Kirtle Water immediately to the north of the asset and a large quarry is located immediately adjacent to the east. This affects the ability to understand the asset's relationship with the landscape. The setting therefore makes a neutral contribution to the value	Prehistoric, and Bronze Age.	Scheduled monument	High
OR003_0024	HE-02-803	325229 569281	NHLE: SM4087 HER: MDG4698 NMR n/a	Domestic Enclosed settlement	Broats, enclosure 250m N of	A prehistoric enclosure, likely to be of Iron Age date, with evidence for remains of structures within the interior. The heritage value of this asset lies in its archaeological interest, as an example of a prehistoric settlement. Cropmarks of a possible contemporary field system surrounding the enclosure have been identified as well. Setting does not contribute to the heritage value of the asset.	Prehistoric, and Iron Age.	Scheduled monument	High
OR003_0025	HE-02-803	328170 569019	NHLE: SM12128 HER: MDG8796 NMR n/a	Domestic Enclosed settlement	Calvertsholm, settlement 110m N of	The monument comprises the remains of an enclosed settlement and associated driveway, visible as a series of cropmarks and low earthworks. The settlement is probably Iron Age in date. The heritage value of this asset lies in its archaeological interest, as an example of a	Prehistoric, and Iron Age.	Scheduled monument	High

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						prehistoric settlement. The setting of the asset is an cultivated grass field immediately north of Calvertsholm farm, with cropmark evidence of a contemporary field system surrounding the enclosure. The setting of the asset makes a positive contribution to its value.			
OR003_0027	HE-02-803	332135 567412	NHLE: LB9926 HER: MDG20919 NMR n/a	Domestic Row	Gretna Village, 14-32 (Even Nos) Canberra Road	A row of early 20th century houses, comprising five brick-built, two-storey double villas. The heritage value of the asset lies in its architectural and historic interest, especially as a record of a purpose built, early 20th century town. The setting of the asset comprises the streetscape of Canberra Road within the planned town of Gretna. The setting makes a positive contribution to the value of the asset.	Modern	Listed building Category C	Moderate
OR003_0028	HE-02-803	332045 567287	NHLE: LB9936 HER: MDG20929 NMR n/a	Commercial Hotel	Gretna Village, Annan Road, Hunters Lodge Hotel	A hotel built circa 1917. It is in Arts and Crafts tradition, built of harled brickwork. It is a single storey with attic and there are two wide gables to the roadside. The heritage value of the asset lies in its architectural and historic interest, especially as a record of a purpose built, early 20th century town. The setting of the asset is the streetscape of Annan Road, within the planned town of Gretna. The setting makes a positive contribution to the value of the asset.	Modern	Listed building Category B	High
OR003_0029	HE-02-803	332072 567334	NHLE: LB9935 HER: MDG20928 NMR n/a	Domestic House	Gretna Village, Annan Road, Surrone House	A house, probably from the early 19th century. It is unusually wide, with two-storeys and five-bays. The value of the asset lies in its architectural and historic interest, especially as a record of housing pre-dating the construction of Gretna. The setting of this asset comprises a private garden to the north and a small open space to the south. It lies within the streetscape of Annan Road and the planned town of Gretna. The setting makes a neutral contribution to the value of the asset.	Post-medieval	Listed building Category C	Moderate
OR003_0030	HE-02-803	331799 567307	NHLE: LB9934 HER: MDG20927 NMR n/a	Religious, ritual and funerary Church	Gretna Village, Annan Road, All Saints Episcopal Church	An early 20th century episcopal church, built in the Arts and Crafts tradition. It is constructed of bull-faced red ashlar with polished dressings and slate roofs. The value of the asset lies in its architectural and historic interest, especially as a record of a purpose built, early 20th century town. The setting of this asset is the streetscape of Annan Road and the adjacent parsonage, within the planned town of Gretna. The setting makes a positive contribution to the value of the asset.	Modern	Listed building Category B	High
OR003_0031	HE-02-803	331754 567303	NHLE: LB9933 HER: MDG11757 NMR n/a	Domestic Vicarage	Gretna Village, Annan Road, Rectory to All Saints Episcopal Church	An early 20th century parsonage. It is a simple garden suburb picturesque brick-built building, having two storeys with a rear wing. The value of the asset lies in its architectural and historic interest, especially as a record of a purpose built, early 20th century town. The setting of this asset is the streetscape of Annan Road and has group value with All Saints Church, which lies to the east. The surviving streetscape of Annan Road and its position immediately adjacent to All Saints Church form part of its historic context. The setting makes a positive contribution to its value.	Modern	Listed building Category B	High
OR003_0032	HE-02-803	331911 567254	NHLE: LB9937 HER: MDG20930 NMR n/a	Domestic Flats	Gretna Village, 56A-F, 58A-C and 60A-E Annan Road, (including Tourist Information Office)	A block of flats from the early 20th century. The value of the asset lies in its architectural and historic interest, especially as a record of a purpose built, early 20th century town. The setting of the asset is the streetscape of Annan Road and the planned town of Gretna, which also forms part of its historic context. The setting makes a positive contribution to the value of the asset.	Modern	Listed building Category B	High
OR003_0033	HE-02-803	333159 568015	NHLE: LB9927 HER: MDG20920 NMR n/a	Transport Road bridge	Plump Bridge (A6071 over River Sark)	A road bridge built around 1818. The road bridge comprises a single segmental arch over the River Sark and is built of red ashlar. The value of the asset lies in its historic and architectural interest, as an example of improvement to road transport links. The setting of the bridge in	Post-medieval	Listed building Category B	High

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						relation to the River Sark is key to understanding its historic interest and makes a positive contribution to the value of the asset.			
OR003_0034	HE-02-803	331474 567357	NHLE: LB9932 HER: MDG20925 NMR n/a	Domestic Villa	Gretna Village, Annan Road, The Gables	An early 20th century villa house. It is a brick-built neo-classical villa with flanking wings, multi-paned sash windows and broad-eaved slate roofs. The value of the asset lies in its architectural and historic interest, especially as a record of a purpose built, early 20th century town. The setting of this asset is comprised of the streetscape of Annan Road and within the planned town of Gretna. The asset remains in its historic context and the setting makes a positive contribution to its value.	Modern	Listed building Category B	High
OR003_0035	HE-02-803	331707 567379	NHLE: LB9940 HER: MDG20933 NMR n/a	Domestic Terrace	Gretna Village, 30-52 (Even Nos) Victory Avenue	Three rows of two-storey terraced housing from the early 20th century, forming a U-shaped plan around a courtyard. The value of the asset lies in its architectural and historic interest, especially as a record of a purpose built, early 20th century town. The setting of this asset is the streetscape of Victory Avenue and it lies within the planned town of Gretna. The asset remains in its historic context and the setting makes a positive contribution to its value.	Modern	Listed building Category C	Moderate
OR003_0036	HE-02-803	332089 567432	NHLE: LB9938 HER: MDG20931 NMR n/a	Domestic Row	Gretna Village, 23-33 (Odd Nos) Canberra Road	A row of three brick-built, two-storey double-villa blocks in a symmetrical lay-out, dating to the early 20th century. The value of the asset lies in its architectural and historic interest, especially as a record of a purpose built, early 20th century town. The setting of this asset is the streetscape of Canberra Road and it lies within the planned town of Gretna. The asset remains in its historic context and the setting makes a positive contribution to its value.	Modern	Listed building Category C	Moderate
OR003_0037	HE-02-803	331881 567314	NHLE: LB9961 HER: MDG20953 NMR n/a	Domestic Terrace	Gretna Village, 148-171 (inclusive nos), Central Avenue	Two early 20th century, symmetrical terraces each of three blocks (each block containing four houses) linked by low porches and facing one another across a wide avenue. The value of the asset lies in its architectural and historic interest, especially as a record of a purpose built, early 20th century town. The setting of the asset is the streetscape of Central Avenue and it sits within the planned town of Gretna. This asset remains in its historic context and the setting makes a positive contribution to its value.	Modern	Listed building Category B	High
OR003_0038	HE-02-803	331203 570952	NHLE: SM12196 HER: MDG5192 NMR n/a	Domestic Palisaded enclosure	Milligansbush, palisaded enclosure 250m SW of	The remains of an oval-shaped palisaded enclosure, visible as cropmarks. The enclosure is likely to date to the first millennium BC or early first millennium AD. The value of this asset lies in its archaeological interest, as an example of a prehistoric settlement. Setting does not contribute to the heritage value of the asset.	Prehistoric, and Iron Age.	Scheduled monument	High
OR003_0039	HE-02-803	331755 567458	NHLE: LB9963 HER: MDG13706 NMR n/a	Religious, ritual and funerary Church	Gretna Village, Victory Road, Anvil Hall, Former Roman Catholic Church	An early 20th century byzantine-style church, all brick-built with pantile roofs and openings which are mostly round-headed. It has an aisled Latin cross-plan. The value of the asset lies in its architectural and historic interest, especially as a record of a purpose built, early 20th century town. This asset is set within the streetscape of Victory Avenue and within the planned town of Gretna. The setting makes a positive contribution to the value of the asset.	Modern	Listed building Category B	High
OR003_0040	HE-02-803	331807 567254	NHLE: LB51967 HER: MDG25824 NMR n/a	Commercial Shop	Gretna Village, 50 Annan Road	A shop and flat from the early 20th century. It is a two-storey, three-bay, square-plan building, with a shop and a flat above. The value of the asset lies in its architectural and historic interest, especially as a record of a purpose built, early 20th century town. The setting of the asset is the streetscape of Annan Road and it lies within the planned town of Gretna. The setting makes a positive contribution to the value of the asset.	Modern	Listed building Category C	Moderate

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OR003_0043	HE-01-806	326615 570665	NHLE n/a HER: MDG23253 NMR n/a	Domestic Railway workers cottage	1 Cove Railway Cottages	A 19th-century railway workers cottage. The value of this asset lies primarily in its historic interest, and partly in its architectural interest, as an example of workers' housing. The setting of this asset is in a semi-rural landscape, immediately adjacent to the railway line and has group value with 2 Cove Railway Cottages and Cove Railway Cottage. The setting in relation to the railway line and other workers' cottages, is key to understanding its historic interest and makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0044	HE-01-806	326620 570663	NHLE n/a HER: MDG23254 NMR n/a	Domestic Railway workers cottage	2 Cove Railway Cottages	A 19th-century railway workers cottage. The value of this asset lies primarily in its historic interest, and partly in its architectural interest, as an example of workers' housing. The setting of this asset is in a semi-rural landscape, immediately adjacent to the railway line and has group value with 1 Cove Railway Cottages and Cove Railway Cottage. The setting in relation to the railway line and other workers' cottages, is key to understanding its historic interest and makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0045	HE-01-806	326668 570647	NHLE n/a HER: MDG23255 NMR n/a	Domestic Railway workers cottage	Cove Railway Cottage	A 19th-century railway workers cottage. The value of this asset lies primarily in its historic interest, and partly in its architectural interest, as an example of workers' housing. The setting of this asset is in a semi-rural landscape, immediately adjacent to the railway line and has group value with 1 and 2 Cove Railway Cottages. The setting in relation to the railway line and other workers' cottages, is key to understanding its historic interest and makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0046	HE-01-806	326658 570588	NHLE n/a HER: MDG24336 NMR n/a	Domestic Lodge	Cove Lodge	An 18th or 19th century lodge to Cove House. The value of the asset lies in its architectural interest and historic relationship with Cove House (OR003_0002) and its parkland. The setting of the asset is Cove House and its private wooded grounds. However, this has been altered through loss of woodland and development into a holiday park. The setting makes a neutral contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0047	HE-01-806	326509 570556	NHLE n/a HER: MDG24335 NMR n/a	Agriculture and subsistence Farmstead	Cove Farm	An 18th or 19th century farmhouse, likely an estate farm associated with Cove House (OR003_0002). The value of the asset lies in its architectural and historic interest, as a record of historic farming practices and its relationship with Cove House and the parkland. The asset lies at the western edge of the former parkland of Cove House. However, the setting has been altered by the development of a modern holiday park to the immediate east. The setting makes a neutral contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0048	HE-01-806	326510 570388	NHLE n/a HER: MDG7449 NMR n/a	Monument Cave	Bruce's Cave	A small cave formed in a red sandstone cliff on the Cove Estate and is said to be the place where Robert the Bruce went into hiding on 1306. The value of this asset lies primarily in its archaeological and historic interest, especially through its association with Robert the Bruce. The asset occupies an elevated position, within a band of woodland which skirts around the eastern side of Kirtle Water. The setting makes a positive contribution to the value of the asset.	Medieval	Non-designated	Low
OR003_0049	HE-01-806	326976 570281	NHLE n/a HER: MDG7468 NMR n/a	Religious, ritual and funerary Burial cairn	Beltonmont and Birkshawhead Cairn (site of)	A burial cairn, likely to be Bronze Age in date. The value of this asset lies primarily in its archaeological interest, as an example of a prehistoric funerary monument. Setting does not contribute to the heritage value of the asset.	Prehistoric	Non-designated	Moderate

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OR003_0050	HE-01-806	327229 570045	NHLE n/a HER: MDG7457 NMR n/a	Agriculture and subsistence Farmhouse	Shawrig Farmhouse	An 18th or 19th century farmhouse with associated steading arranged around a courtyard. The value of the asset lies in its architectural and historic interest, as a record of historic farming practices. The asset is set in an isolated position within a rural landscape. The setting makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0051	HE-01-806	327300 570000	NHLE n/a HER: MDG23905 NMR n/a	Industrial Quarry	Shawrig Quarry (site of)	A disused quarry, possibly 19th century in date. The value of this asset lies primarily in its archaeological and historic interest, as an example of industrial activity. Setting does not contribute to the heritage value of the asset.	Undated	Non-designated	Low
OR003_0052	HE-01-806	327478 570347	NHLE n/a HER: MDG11217 NMR n/a	Domestic Clergy house	Kirkpatrick-Fleming Parish Manse	The manse for the Kirkpatrick-Fleming parish church, built 1878-9 and designed by A. Crombie and Sons. The value of the asset lies in its architectural and historic interest, as an example of a domestic clergy house. The asset lies within a rural landscape, approximately 70m south of the railway line. The asset has group value with the predecessor manse of Kirkpatrick House and the parish church which lie to the south-east. The setting makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0054	HE-01-806	327498 570236	NHLE n/a HER: MDG23975 NMR n/a	Transport Bridge	Kirkpatrick-Fleming Bridge	A bridge, likely post-medieval in date, carrying a track between Kirkpatrick-Fleming and the B6573 over a stream. The value of the asset lies in its historic interest, as an example of an improvement to transport links. The asset lies within a rural landscape and comprises the stream and track. The setting of the bridge in relation to the stream is key to understanding its historic interest and makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0055	HE-01-806	327538 570206	NHLE n/a HER: MDG22244 NMR n/a	Industrial Horse engine house	Kirkpatrick House Horse Mill	A 19th century Horse Engine House. The value of the asset lies in its architectural and historic interest, as a record of historic farming practices. The asset is set within an agricultural landscape, with Kirkpatrick House and steading (OR003_0011) immediately adjacent to the west, with which it has group value. The setting makes a positive contribution to the value of the asset.	Post-medieval, and Modern.	Non-designated	Low
OR003_0056	HE-01-806	327512 570170	NHLE n/a HER: MDG12211 NMR n/a Remote sens. ID: OR003_RS061	Domestic Tower house	Kirkpatrick Tower House (site of)	The remains of a medieval tower house at Kirkpatrick House and steading. The value of this asset lies primarily in its archaeological interest, as an example of a defensive tower house. Setting does not contribute to the heritage value of the asset.	Medieval	Non-designated	Moderate
OR003_0057	HE-01-806	327508 570172	NHLE n/a HER: MDG12257 NMR n/a	Religious, ritual and funerary Cross	Carved Stone Cross at Kirkpatrick-Fleming Manse	A carved stone cross at Kirkpatrick House, medieval in date. The value of the asset lies in its artistic and historic interest, as an example of a medieval carved cross. The asset also derives group value through its association with other medieval cross fragments at Kirkpatrick House. The cross is likely to have been removed from its original context. Therefore the setting makes a neutral contribution to the value of the asset.	Post-medieval	Non-designated	Moderate
OR003_0058	HE-01-806	327482 570140	NHLE n/a HER: MDG12259 NMR n/a	Religious, ritual and funerary Cross slab	Cross No. 1, Kirkpatrick House	A Maltese cross is carved in low relief on a slab (measuring 0.29m by 0.33m) which is incorporated into the west gable of the kitchen bothy of Kirkpatrick House. The value of the asset lies in its artistic and historic interest, as an example of a medieval carved cross. The asset also derives group value through its association with other medieval cross fragments at Kirkpatrick House. The cross has been removed from its original context. Therefore the setting makes a neutral contribution to the value of the asset.	Post-medieval	Non-designated	Moderate

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OR003_0059	HE-01-806	327522 570160	NHLE n/a HER: MDG12258 NMR n/a	Religious, ritual and funerary Cross slab	Cross No. 2, Kirkpatrick House	Floriated Maltese cross of 14th century type, which forms part of the garden wall on the right side of the garden in front of Kirkpatrick House. The value of the asset lies in its artistic and historic interest, as an example of a medieval carved cross. The asset also derives group value through its association with other medieval cross fragments at Kirkpatrick House. The cross is likely to have been removed from its original context. Therefore the setting makes a neutral contribution to the value of the asset.	Post-medieval	Non-designated	Moderate
OR003_0060	HE-01-806	327672 570122	NHLE n/a HER: MDG24870 NMR n/a	Commemorative War memorial	Kirkpatrick-Fleming War Memorial	A war memorial, commemorating those who died during the First and Second World Wars. It comprises of a square base surmounted by plinth and square obelisk. The value of the asset lies in its artistic and historic interest, as a communal war memorial. The asset lies to the immediate north-east of the Kirkpatrick-Fleming parish church and churchyard. The setting, in relation to the parish church as place of communal worship, makes a positive contribution to the value of the asset.	Modern	Non-designated	Moderate
OR003_0061	HE-01-806	327726 570000	NHLE n/a HER: MDG12919 NMR n/a Remote sens. ID: OR003_RS049	Monument Linear feature	Kirtleholm Linear Feature (site of)	Linear cropmark, visible on aerial photography. It runs north-west to south-east from just west of Kirkpatrick-Fleming parish church (OR003_0008) in the direction of Mossknowe. The value of this asset lies primarily in its archaeological interest. Setting does not contribute to the heritage value of the asset.	Undated	Non-designated	Low
OR003_0062	HE-01-806	328325 570272	NHLE n/a HER: MDG7467 NMR n/a Remote sens. ID: OR003_RS050, OR003_RS051	Defence Temporary camp	Kirkpatrick-Fleming Temporary Roman Camp (site of)	The site of two Roman temporary camps. Camp I encloses 24.5ha (just over 60 acres). Camp II lies within camp I and encloses almost 5.5ha (13.5 acres). A possible annexe, or a third smaller camp, lies on the western side. The value of this asset lies primarily in its archaeological interest, as an example of the Roman military presence within the area. Setting does not contribute to the heritage value of the asset.	Roman	Non-designated	Moderate
OR003_0064	HE-01-806	327943 570259	NHLE n/a HER: MDG24007 NMR n/a	Domestic Lodge	North Lodge, Mossknowe House	An 18th or 19th century lodge, built to serve Mossknowe House (OR003_0003). The value of the asset lies in its architectural interest and its historic relationship with Mossknowe House (OR003_0003) and its parkland (OR003_0065). The asset lies at the north-western corner of the Mossknowe estate, within a partly wooded setting. The setting of the asset in relation to the former parkland makes a positive contribution to its value.	Post-medieval	Non-designated	Low
OR003_0065	HE-01-806	328178 569801	NHLE n/a HER: MDG25691 NMR n/a	Gardens, parks and urban spaces Landscape park	Mossknowe Policies	A designed landscape of policy parkland associated with the mid-18th century house of Mossknowe. The value of the asset lies in its historic and artistic interest, as an example of a designed landscape. The parkland is set in relation to Mossknowe House and within the rural landscape. The setting makes a neutral contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0067	HE-01-806	328300 569640	NHLE n/a HER: MDG21790 NMR n/a	Industrial Watermill	Redhall Mill (site of)	The site of a post-medieval watermill. The value of the asset lies in its archaeological interest, as an example of a water powered industrial structure. Setting does not contribute to the heritage value of the asset.	Post-medieval	Non-designated	Low
OR003_0068	HE-01-806	328400 569600	NHLE n/a HER: MDG21778 NMR n/a	Domestic Settlement	Mossknowe Settlement (site of)	A settlement site of unknown date noted during the Kirkpatrick-Fleming Field Survey in the 1980s. The value of this asset lies primarily in its archaeological interest, as an example of a possible settlement. Setting does not contribute to the heritage value of the asset.	Undated	Non-designated	Low
OR003_0069	HE-01-806	328600 569513	NHLE n/a HER: MDG7357 NMR n/a	Monument Cairn	Mossknowe Sawmill Cairn (site of)	A cairn of unknown date, likely prehistoric. The value of this asset lies primarily in its archaeological interest, as an example of a possible	Prehistoric, and Bronze Age.	Non-designated	Moderate

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			Remote sens. ID: OR003_RS047			Bronze Age cairn. Setting does not contribute to the heritage value of the asset.			
OR003_0070	HE-01-806	328689 569396	NHLE n/a HER: MDG21791 NMR n/a	Industrial Timber mill	Redhall Sawmill (site of)	Site of a post-medieval timber mill. The value of the asset lies in its archaeological interest, as an example of a post-medieval sawmill. Setting does not contribute to the heritage value of the asset.	Post-medieval	Non-designated	Low
OR003_0071	HE-01-806	328908 569366	NHLE n/a HER: MDG7362 NMR n/a Remote sens. ID: OR003_RS059	Domestic Tower house	Redhall Castle Tower House (site of)	The possible remains of a medieval tower house. The value of the asset lies in its historic and archaeological interest, as an example of a defensive tower house. Setting does not contribute to the heritage value of the asset.	Medieval	Non-designated	Moderate
OR003_0072	HE-01-806	328978 569366	NHLE n/a HER: MDG10861 NMR n/a	Agriculture and subsistence Farmhouse	Redhall Farmhouse	A post-medieval farmhouse with associated steading. The value of the asset lies in its architectural and historic interest, as a record of historic farming practices. This asset is set in a largely agricultural landscape, retaining its historic context. It also demonstrates continuity of occupation with the site of the tower house to the west of the farm. The setting makes a positive contribution to the value of the asset.	Post-medieval, and Modern.	Non-designated	Low
OR003_0074	HE-01-805	329290 569690	NHLE n/a HER: MDG7356 NMR n/a	Agriculture and subsistence Farmstead	Redhouse Farmhouse and Steading	A farmhouse and steading of late 18th and early 19th century date, constructed in sandstone with slate roofs. The value of the asset lies in its architectural and historic interest, as a record of historic farming practices and its association with the Mossknowe estate. The asset is set in rural farmland, retaining its historic context although there is intermittent noise from the WCML to the north and from the A74(M) 140m to the south. The setting makes a positive contribution to the value of the asset and aids in understanding its historic interest as a former estate farm.	Post-medieval	Non-designated	Low
OR003_0075	HE-01-805	329322 569647	NHLE n/a HER: MDG21787 NMR n/a	Transport Milestone	Redhouse Milestone	A milestone, located on the B7076. It is a cylindrical milestone with an iron plaque which reads 'Glasgow 83 Carlisle 11'. The value of the asset lies in its historic and architectural interest, as an example of a roadside milepost. It also derives group value from its relationship with the milestone at Douglas House. The asset is set on the B7076 within a grass verge on the north side of the B7076. The setting alongside the road is key to understanding its historic interest and makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0076	HE-01-805	329410 569601	NHLE n/a HER: MDG23265 NMR n/a	Transport Bridge	Ewes Burn Bridge	An undated stone bridge, possibly of 19th century date. The value of the asset lies in its historic interest and as an example of transport architecture. The asset is set over Ewes Burn and carries the B7076 across a flat, agricultural landscape. The setting of the asset over Ewes Burn is key to understanding its historic interest and makes a positive contribution to its value.	Undated	Non-designated	Low
OR003_0077	HE-01-805	329483 569592	NHLE n/a HER: MDG23981 NMR n/a	Domestic Cottage home	Nook House	A late 18th or early 19th century two-cell cottage with a later 19th century extension to the rear. The value of the asset lies in its architectural and historic interest, as an example of a rural cottage. This asset is set in rural farmland and lies immediately north of the B7076 and the former A74(M). There is a private garden to the south and forms the setting of the asset. The setting of the asset makes a positive contribution to this value.	Post-medieval	Non-designated	Low
OR003_0078	HE-01-805	327559 570359	NHLE n/a HER: MDG4650, MDG9116 NMR n/a	Transport Road	Roman road Carlisle to Birrens (Margary 7f) (site of)	The probable course of the main Roman road through Annandale, leading from Carlisle. Its extent and survival are unknown as it has been reused repeatedly throughout subsequent years since its construction. However, evidence of the road elsewhere in Annandale shows it was	Roman	Non-designated	Low

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						metalled with a camber and possible roadside ditches. The value of this asset lies primarily in its archaeological interest, as an example of the Roman military presence within the area. Setting does not contribute to the heritage value of the asset.			
OR003_0079	HE-01-805	329803 569358	NHLE n/a HER: MDG10862 NMR n/a	Agriculture and subsistence Farmstead	Nouthill Farmhouse and Steading	A large farmhouse and steading, dating to the late 18th or early 19th century. The value of the asset lies in its architectural and historic interest, as a record of historic farming practices. The steading is bounded to the north by the B7076 and to the south by the A74(M). There are agricultural fields to the north, east and west of the asset, which form part of its setting. The setting makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0080	HE-01-805	329877 569468	NHLE n/a HER: MDG10863 NMR n/a	Domestic House	Nouthill Cottage	An early 20th century cottage. The value of the asset lies in its architectural and historic interest, as an example of a rural cottage. The setting of the asset is formed by the gardens to the north and south of the cottage, and is surrounded by agricultural fields. The setting of the asset makes a positive contribution to the value of the asset.	Modern	Non-designated	Low
OR003_0081	HE-01-805	330535 569543	NHLE n/a HER: MDG10206 NMR n/a	Domestic House	Cranberry Cottage	An early 20th century cottage. The value of the asset lies in its architectural and historic interest, as an example of a rural cottage. The asset is set in rural farmland, along the eastern side of a private farm track. The WCML is located approximately 215m north of the asset. The setting of the asset makes a positive contribution to this value.	Modern	Non-designated	Low
OR003_0082	HE-01-805	330797 568971	NHLE n/a HER: MDG23979 NMR n/a	Transport Milestone	Douglas House Milestone	An 18th or 19th century milestone. The value of the asset lies in its historic interest, as an example of a roadside milestone. It also derives group value from its relationship with the milestone at Redhouse Farm. The asset is set within a grass verge on the north side of the B7076. The setting in relation to the B7076 allows an understanding of its historic function and makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0083	HE-01-805	331000 569297	NHLE n/a HER: MDG7770 NMR n/a Remote sens. ID: OR003_RS040, OR003_RS039, OR003_RS011	Agriculture and subsistence Field system	Whinnyrig Field System (site of)	A rectilinear field system defined by single ditches seen as cropmarks. It has group value with Whinnyrig settlement and appears to be a continuation of the field system associated with the site. The value of the asset lies primarily in its archaeological interest, as an example of a prehistoric field system and through its association with the settlement at Whinnyrig. Setting does not contribute to the heritage value of the asset.	Prehistoric	Non-designated	High
OR003_0084	HE-01-805	331256 569277	NHLE n/a HER: MDG10204 NMR n/a	Agriculture and subsistence Farmhouse	Whinnyrig Farmhouse	A late post-medieval farmhouse. The value of the asset lies in its architectural and historic interest, as a record of historic farming practices. This asset is set in rural farmland with a small pocket of woodland lying approximately 100m to the west and the WCML approximately 300m to the north. The fields which immediately surround the asset make a positive contribution to its value by illustrating its historic function as a farm.	Post-medieval	Non-designated	Low
OR003_0085	HE-01-805	330989 568889	NHLE n/a HER: MDG23982 NMR n/a	Domestic House	Stoneybridge House	A late post-medieval, single storey farmhouse. The value of the asset lies in its architectural and historic interest, as an example of historic farming practices. The asset sits at the southern end of a courtyard-style arrangement of former farm outbuildings and surrounded by agricultural fields. It lies immediately north of the B7076. The A74(M) lies approximately 110m to the south. The setting within a rural landscape positively contributes to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0086	HE-01-805	331100 568900	NHLE n/a HER: MDG21714	Monument Wall	Hill House Wall	A wall of unknown date. The value of the asset lies in its historic and architectural interest, as the remains of a possible building. The asset	Undated	Non-designated	Low

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			NMR n/a Remote sens. ID: OR003_RS058			does not appear to be associated with any other features and sits in isolation. The setting makes a neutral contribution to the heritage value of the asset.			
OR003_0087	HE-01-805	332307 569198	NHLE n/a HER: MDG10203 NMR n/a	Transport Railway bridge	Quintinshill Bridge	A railway bridge which is modern and constructed in concrete. The value of the asset lies in its historic and architectural interest, as an example of railway architecture. The asset lies within a rural landscape, carrying the railway over a private track. The setting in relation to the private track and the railway is key to understanding its historic interest and makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0088	HE-01-805	330785 570431	NHLE n/a HER: MDG10643 NMR n/a	Agriculture and subsistence Farmhouse	Sarkside	A post-medieval farmhouse and associated steading. The value of the asset lies in its architectural and historic interest, as a record of historic farming practices. This asset is set within a flat landscape of agricultural fields, with rough grazing areas. The setting within an agricultural landscape is key to understanding the historic interest of the asset. Therefore the setting makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0089	HE-01-805	330701 569852	NHLE n/a HER: MDG10205 NMR n/a	Agriculture and subsistence Farmhouse	Cranberry Farmhouse	A post-medieval farmhouse and steading, arranged around a courtyard. The value of the asset lies in its architectural and historic interest, as a record of historic farming practices. This asset is surrounded by modern agricultural sheds to the north and east, with agricultural fields beyond. The asset is located alongside a private track and approximately 80m north of the WCML. The setting within an agricultural landscape makes a positive contribution to the value of the asset by illustrating its historic function as a farm.	Post-medieval	Non-designated	Low
OR003_0090	HE-01-805	330700 569898	NHLE n/a HER: MDG21794 NMR n/a	Monument Platform	Cranberry Platform (site of)	A possible building platform of unknown date, lying adjacent to the north-west of Cranberry Farmhouse. A farm access track runs across it, which will have impacted the level of survival. The setting of the asset comprises Cranberry Farmhouse, its associated farmstead and the surrounding rural landscape. The value of the asset is derived from its archaeological interest and its potential to demonstrate continuous occupation at Cranberry farmstead. Setting does not contribute to the heritage value of the asset.	Undated	Non-designated	Low
OR003_0092	HE-01-806	328880 570620	NHLE n/a HER: MDG21757 NMR n/a Remote sens. ID: OR003_RS053	Monument Linear feature	Raeburnhead Linear Feature (site of)	A linear cropmark with a possible enclosure to the north. The value of this asset lies primarily in its archaeological interest, as a possible prehistoric enclosure. Setting does not contribute to the heritage value of the asset.	Undated, and Prehistoric.	Non-designated	Low
OR003_0093	HE-01-806	328341 570831	NHLE n/a HER: MDG23895 NMR n/a	Agriculture and subsistence Farmhouse	Newhope	A post-medieval farmhouse and associated steading. The value of the asset lies in its architectural and historic interest, as a record of historic farming practices. The asset is set within flat agricultural fields, retaining its historic context. The setting within a rural landscape makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0094	HE-01-806	327498 570438	NHLE n/a HER: MDG22214 NMR n/a	Transport Railway station	Kirkpatrick Station (former)	Kirkpatrick-Fleming station opened in 1847 to serve the Caledonian Railway, now the WCML. It closed in 1960 and the main station building has been converted into a house. The value of the asset lies in its historic and architectural interest, as a record of historic railway infrastructure serving a rural community. The asset lies to the immediate north of the WCML and south of Kirkpatrick-Fleming village. The setting in relation to the railway line and the village it served makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low

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OR003_0095	HE-01-806	327596 570494	NHLE n/a HER: MDG23899 NMR n/a	Industrial Blacksmiths workshop	Smithy House	A late 19th century blacksmith's house and workshop, now amalgamated into one property. The value of the asset lies in its historic and architectural interest, as a record of historic smithing practices. This asset is set on the B7076, within the village of Kirkpatrick-Fleming and lies close to other historic buildings within the village, including Victoria Hall and Schoolcroft. The setting in relation to Kirkpatrick-Fleming village and its historic buildings makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0096	HE-01-806	327575 570549	NHLE n/a HER: MDG23666 NMR n/a	Civil Meeting hall	Victoria Hall	A late 19th century public hall. The Victoria Hall was built in 1898 and is a facility for the community run by community council members. It is built of stone with decorated archways and a pitched slate roof. The value of the asset lies in its historic and architectural interest, as an example of a small-scale civic building. The asset lies within the village of Kirkpatrick-Fleming and on the northern side of the B7076. The setting in relation to the village and other historic buildings makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0097	HE-01-806	327537 570527	NHLE n/a HER: MDG23900 NMR n/a	Domestic House	Schoolcroft	A post-medieval house, which may have originally been associated with Kirkpatrick-Fleming school. The value of the asset lies in its historic and architectural interest, as an example of local domestic architecture. The asset lies to the immediate south of the B7076, within the village of Kirkpatrick-Fleming. The setting in relation to the historic buildings and the village of Kirkpatrick-Fleming makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0098	HE-01-806	327518 570549	NHLE n/a HER: MDG9414 NMR n/a	Domestic Village	Kirkpatrick-Fleming Village	A post-medieval village, which developed in a linear pattern along the B7076. The value of the asset lies in its historic interest, as an example of a rural settlement that rapidly developed due to improvements in 18th-19th century transportation link. The village is set amongst agricultural fields and is bounded by the WCML to the south, whilst the A74(M) defines the northern edge. The setting in relation to the agricultural landscape makes a positive contribution to the value of the asset and demonstrates the historic context of the village.	Post-medieval	Non-designated	Low
OR003_0099	HE-01-806	327412 570557	NHLE n/a HER: MDG23992 NMR n/a	Industrial Blacksmiths workshop	Greenfield Smithy	A possible attached house and smithy, dating to the post-medieval period. The value of the asset lies in its historic and architectural value, as an example of historic smithing practices. The asset is set on the south side of the B7076, within the village of Kirkpatrick-Fleming. The setting in relation to the village of Kirkpatrick-Fleming makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0100	HE-01-806	327227 570678	NHLE n/a HER: MDG23882 NMR n/a	Domestic Country house	Holmwood, Under Newton	A former girl's school dating to the late 18th/early 19th century, later converted to residential use. The value of the asset lies in its historic and architectural value, as an example of a small educational establishment. The asset lies on the northern side of the B7076, set back from the road, with agricultural fields to the north and south. Detached houses have been developed to the east and west. The landscape is still predominantly rural to the north and therefore the setting makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0101	HE-01-806	327224 570997	NHLE n/a HER: MDG24001 NMR n/a	Transport Road bridge	A74 Bridge over Kirtle Water	A modern, concrete bridge carrying the A74(M) over Kirkpatrick Burn. The value of the asset lies in its historic and architectural value, as an example of modern transport architecture. The asset is set over Kirkpatrick Burn and carries the A74(M) in an east-west direction, retaining its historic context. The setting in relation to Kirkpatrick Burn	Modern	Non-designated	Low

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						is key to understanding its historic interest and makes a positive contribution to the value of the asset.			
OR003_0102	HE-01-806	326950 570758	NHLE n/a HER: MDG23993 NMR n/a	Agriculture and subsistence Farm	Newton Farm	A post-medieval farm complex. The value of the asset lies in its architectural and historic interest, as a record of historic farming practices. The asset lies on the southern side of the B7076 and formed the eastern edge of the hamlet at Newton. The setting in relation to the rural landscape makes a positive contribution to this value.	Post-medieval	Non-designated	Low
OR003_0103	HE-01-806	326765 570827	NHLE n/a HER: MDG24154 NMR n/a	Agriculture and subsistence Stable	London House Stables	Late 19 th century stables, now converted for residential purposes. The value of the asset lies in its architectural and historic interest, as an example of 19th century farming architecture. The asset lies within the village of Newton, along a private road and to the south of the B7076. The setting within a rural village is still discernible and makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0104	HE-01-806	326808 570862	NHLE n/a HER: MDG9378 NMR n/a	Domestic Village	Newton Village	Small post-medieval hamlet, that lies to the west of Kirkpatrick-Fleming. The asset has value through its historic interest as a small rural settlement. The asset lies within a rural landscape, although the A74(M) now defines the settlement's northern limit and there has been modern development to the east which merges with the western side of Kirkpatrick-Fleming. The setting within an agricultural landscape and alongside the B7076 is key to understanding its historic interest makes a positive contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0105	HE-01-806	326870 570918	NHLE n/a HER: MDG21761 NMR n/a Remote sens. ID: OR003_RS065	Monument Enclosure	Enclosure at Newton (site of)	A square banked enclosure, possibly a post-medieval stock enclosure. The value of this asset lies primarily in its archaeological interest, as a possible example of post-medieval animal management. Setting does not contribute to the heritage value of the asset.	Medieval, and Post-medieval.	Non-designated	Low
OR003_0106	HE-01-806	326643 570984	NHLE n/a HER: MDG23883 NMR n/a	Agriculture and subsistence Farmstead	Wicketthorn	Farmstead and granary, post-medieval in date. The value of the asset lies in its architectural and historic interest, as a record of historic farming practices. The asset lies on a slight prominence at the western end of the hamlet of Newton, forming its western limit. Large parts of the rural landscape have been eroded, therefore the setting makes a neutral contribution to the value of the asset.	Modern	Non-designated	Low
OR003_0107	HE-01-806	327913 570340	NHLE n/a HER: MDG13020 NMR n/a	Unassigned Site	Clarence Cottage Site (site of)	A site of archaeological interest, lying close to the Kirkpatrick-Fleming Roman Temporary Camp. The value of the asset lies in its archaeological interest, with potential to reveal evidence of activity dating to the Roman period. Setting does not contribute to the heritage value of the asset.	Undated	Non-designated	Low
OR003_0109	HE-01-805	330380 569844	NHLE n/a HER n/a NMR n/a	Transport Railway	Caledonian Railway (West Coast Mainline)	A railway line built by the Caledonian Railway Company and opened in 1847. The value of the asset lies in its historic interest, derived from its connection to the Caledonian Railway Company and as a nationally important transport corridor. The setting of the asset within the study area is predominantly rural, and it runs through shallow cuttings and over low embankments. The setting makes a neutral contribution to the value of the asset.	Post-medieval	Non-designated	Low
OR003_0110	HE-01-805	331920 568954	NHLE n/a HER n/a NMR n/a Remote sens. ID: OR003_RS010	Industrial Extractive pit	Possible extraction pits south-east of Bensmoor Wood (site of)	Circular features seen identified from historic aerial photographs during HS2 Ph2b Remote Sensing Survey. The features may be possible extraction pits for gravel or stone, dating to the post-medieval period. The value of the asset lies in its archaeological interest, as an example of industrial activity. Setting does not contribute to the heritage value of the asset.	Post-medieval	Non-designated	Low

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OR003_0111	HE-01-805	331497 569714	NHLE n/a HER n/a NMR n/a Remote sens. ID: OR003_RS015	Monument Ditch	Rectilinear ditch north east of Blacksike Wood (site of)	Rectilinear ditch feature which may have formed part of a larger moated area. The value of the asset is derived from its archaeological interest, as a possible example of a medieval moated site. Setting does not contribute to the heritage value of the asset.	Medieval, and Post-medieval.	Non-designated	Low
OR003_0112	HE-01-806	328130 569880	NHLE n/a HER n/a NMR n/a Remote sens. ID: OR003_RS022	Monument Ring ditch	Ring ditch north of Mossknowe House (site of)	Area of disturbed earth with a ring-like profile of unknown date. It is possibly associated with a large linear feature to the north-east. The value of the asset is derived from its archaeological interest, with potential to reveal evidence of Roman activity. Setting does not contribute to the heritage value of the asset.	Undated, and Roman.	Non-designated	Low
OR003_0113	HE-01-805	328158 569946	NHLE n/a HER n/a NMR n/a Remote sens. ID: OR003_RS023	Monument Ditch	Linear ditch north of Mossknowe House (site of)	Large linear ditch, possibly a defensive ditch associated with Kirkpatrick-Fleming Roman Temporary Camp. The value of the asset lies with its archaeological interest, with potential to reveal evidence of Roman activity. Setting does not contribute to the heritage value of the asset.	Roman	Non-designated	Low
OR003_0114	HE-01-805	329834 570287	NHLE n/a HER n/a NMR n/a Remote sens. ID: OR003_RS028	Monument Ditched enclosure	Williamsfield ditched enclosure (site of)	Ditched enclosure identified from aerial imagery. Based on its morphology and similarity to other identified examples, it is likely to be prehistoric in date. The value of the asset is derived from its archaeological interest, as a possible prehistoric enclosure. Setting does not contribute to the heritage value of the asset.	Prehistoric	Non-designated	Low
OR003_0116	HE-01-805	332351 569277	NHLE n/a HER: MDG10202 NMR n/a	Agriculture and subsistence Farmstead	Quintinshill Farmstead (site of)	Site of a post-medieval farmstead which lay to the north of the WCML. It was built on a linear plan. The value of the asset is derived from its archaeological interest, as a record of historic farming practices. Setting does not contribute to the heritage value of the asset.	Post-medieval	Non-designated	Low
OR003_0117	HE-01-805	332008 569503	NHLE n/a HER n/a NMR n/a Remote sens. ID: OR003_RS07	Monument Ditched enclosure	Possible enclosure ditches, east of Blacksike Wood (site of)	Possible enclosure ditches which may have been part of a field system, identified as cropmarks. The value of the asset is derived from its archaeological interest, as an example of historic farming practices. Setting does not contribute to the heritage value of the asset.	Medieval, and Post-medieval.	Non-designated	Low
OR003_0118	HE-01-805	331073 568987	NHLE n/a HER n/a NMR n/a Remote sens. ID: OR003_RS035	Monument Linear feature	Linear features, north of Stoneybridge (site of)	Several linear features of medieval/post-medieval date identified from aerial imagery. The value of the asset is derived from its archaeological interest, as an example of historic farming practices. Setting does not contribute to the heritage value of the asset.	Medieval, and Post-medieval.	Non-designated	Low
OR003_0119	HE-01-806	327027 570227	NHLE n/a HER n/a NMR n/a Remote sens. ID: OR003_RS037	Monument Field boundary	Linear and circular features, east of Bruce's Cave (site of)	Former field boundary and two pit-like features of possible prehistoric date identified on aerial imagery. The value of the asset is derived from its archaeological interest, as possible evidence for prehistoric settlement activity. Setting does not contribute to the heritage value of the asset.	Bronze Age, and Iron Age.	Non-designated	Low
OR003_0120	HE-01-806	327309 570132	NHLE n/a HER n/a NMR n/a Remote sens. ID: OR003_RS038	Monument Linear feature	Linear Feature, west of Kirkpatrick House (site of)	Large linear feature of possible Roman/medieval date. The value of the asset is derived from its archaeological interest, as possible evidence for Roman activity associated with the nearby Kirkpatrick-Fleming Roman Temporary Camp. Setting does not contribute to the heritage value of the asset.	Roman, Early medieval, and Medieval.	Non-designated	Low
OR003_0121	HE-01-806	328717 569897	NHLE n/a HER: MDG5253 NMR n/a	Domestic Lodge	East Lodge, Mossknowe House	A single storey 18th or 19th century lodge, built to serve Mossknowe House (OR003_0003). The value of the asset lies in its architectural interest and its historic relationship with Mossknowe House and its parkland (OR003_0065). The lodge lies immediately south of the B7076 and approximately 70m north of the A74(M), which runs through the	Post-medieval	Non-designated	Low

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						north-east corner of the former Mossknowe Policies. This has removed the lodge from its original parkland context. The setting of the asset makes a neutral contribution to its value.			
OR003_0122	HE-01-805	331596 569510	NHLE n/a HER n/a NMR n/a	Transport Railway bridge	Blacksike Bridge and War Memorial	A 19th century railway bridge constructed over the WCML, with a plaque (erected in 2009) dedicated to those who lost their lives during the Quintinshill rail disaster, which occurred to the east of the bridge. The asset has value due to its architectural and historic interest, as an example of railway infrastructure. The bridge carries a public road over the WCML and is set within a rural landscape, with plantations to the north-west and south-east. The setting over the railway line is key to understanding its historic interest and makes a positive contribution to its value.	Post-medieval, and Modern.	Non-designated	Low
OR003_0123	HE-01-805	331520 570045	NHLE n/a HER: MDG10646 NMR n/a	Agriculture and subsistence Farmstead	Beechwood	Farmhouse and farmstead complex, late 20th century in date. The asset derives its value from its historic interest, as a record of historic farming practices. The complex is surrounded by agricultural fields. The setting makes a positive contribution to the value of the asset.	Modern	Non-designated	Not significant
OR003_0124	HE-01-805	329638 570022	NHLE n/a HER: MDG23989 NMR n/a	Transport Railway bridge	Williamsfield Railway Bridge	A probable 19th century bridge carrying the WCML over a private track. The value of the asset lies in its architectural and historic interest, as an example of railway infrastructure. The asset is set in relation to the railway line and over a private track. It is surrounded by agricultural fields. The setting of the asset in relation to the private track and railway is key to understanding its historic interest and makes a positive contribution to its value.	Post-medieval	Non-designated	Low
OR003_0125	HE-01-805	330981 569246	NHLE n/a HER: MDG27116 NMR n/a	Water supply and drainage Pumping station	Whinnyrig Pumping Station (site of)	Pumping station which helped to provide the municipal water supply for Gretna new town during the First World War. The asset derives its value from its archaeological and historic interest, as evidence of municipal water supply infrastructure. Setting does not contribute to the heritage value of the asset.	Modern	Non-designated	Moderate
OR003_0126	HE-01-806	328042 569749	NHLE n/a HER: MDG5250 NMR n/a	Defence Tower house	Mossknowe House, Tower House (site of)	Site of a possible tower house, thought to be located within the walled garden of Mossknowe House. The asset derives its value from its archaeological interest, as an example of a defensive tower house. Setting does not contribute to the heritage value of the asset.	Medieval, and Post-medieval.	Non-designated	Moderate
OR003_0127	HE-02-803	331799 567187	NHLE: LB51732 HER n/a NMR n/a	Recreational Cinema	Gretna Village, 121 Central Avenue, Former Gretna Cinema	Former cinema, dating to the early 20th century. The value of the asset is derived from its architectural and historic interest, especially as a record of a purpose built, early 20th century town. The setting of the asset is the contemporary streetscape of Central Avenue and it lies within the planned town of Gretna. The asset retains its historic context and the setting makes a positive contribution to its value.	Modern	Listed building Category C	Moderate
OR003_0128	HE-02-803	331873 567178	NHLE: LB9962 HER n/a NMR n/a	Education School	Gretna Village, Central Avenue, Richard Greenhow Centre	Former school, dating to the early 20th century. The value of the asset is derived from its architectural and historic interest, especially as a record of a purpose built, early 20th century town. The setting of the asset is the contemporary streetscape of Central Avenue and it lies within the planned town of Gretna. The asset retains its historic context and the setting makes a positive contribution to its value.	Post-medieval	Listed building Category B	High
OR003_0129	HE-01-805	330400 568700	NHLE n/a HER: MDG22247 NMR n/a	Agriculture and subsistence Field system	Boghead Field System (site of)	An undated field system, possibly associated with the former farmstead at Langrigg or The Bracken. The value of the asset lies in its archaeological interest, as an example of historic agricultural practices. Setting does not contribute to the value of the asset.	Undated	Non-designated	Low

4 Impact assessment table

Table 5: Impact assessment table at Annandale depot

UID	Map reference	Name	Designation and grade	Heritage value	Construction temporary - impact	Construction permanent - impact	Operation permanent - impact	Effect
OR003_0001	HE-01-805	Williamsfield Farmhouse	Listed building Category C	Moderate	Minimal adverse The asset is located immediately north of the Proposed Scheme. The setting of the asset is the surrounding farmland, which aids in the appreciation of its historic function as a farmhouse. The existing rural setting of the asset will be altered by the temporary presence of construction machinery immediately adjacent to the asset. This will adversely impact the heritage value of the asset, as it will temporarily alter the farmland that forms the setting of the asset. This will affect the ability to understand the historic interest of the asset as a former estate farmhouse and steading, surrounded by its farmland.	Low adverse The asset is located 300m north of the Proposed Scheme. The setting of the asset is the surrounding farmland, which aid in the appreciation of its historic function as a farmhouse. The construction of Annandale depot will remove some of the farmland. This will change the setting and adversely impact the value of the asset, as it will affect the ability to understand its historic interest as a former estate farmhouse and steading. However, since the construction of the WCML in the mid-19th century, the railway line has formed a natural visual southern boundary to the setting of the asset. This will screen the asset from changes resulting from the presence of the Annandale depot. Work to divert the farmhouse access track immediately south of the asset is not anticipated to adversely impact on its value. This is because a former access track running east, approximately 200m south of the asset, will be reinstated.	No change No change is predicted because there are no further adverse impacts on the asset's value from increased noise and movement. The setting of the asset already includes intermittent sight and noise of passing trains on the WCML approximately 300m to the south.	Temporary: Minor adverse Construction permanent: Minor adverse Operation: Neutral
OR003_0002	HE-01-806	Cove House	Listed building Category B	High	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0003	HE-01-806	Mossknowe House	Listed building Category A	High	No change No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening vegetation.	No change No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening vegetation.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0004	HE-01-806	Mossknowe, Garden Wall, Gateway and Shed at east	Listed building Category B	High	No change No change is predicted because the	No change No change is predicted because the	No change No change is predicted because there	Temporary: Neutral

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UID	Map reference	Name	Designation and grade	Heritage value	Construction temporary - impact	Construction permanent - impact	Operation permanent - impact	Effect
					asset's setting does not extend to the Proposed Scheme.	asset's setting does not extend to the Proposed Scheme.	are no adverse impacts on the asset's value from increased noise and movement.	Construction permanent: Neutral Operation: Neutral
OR003_0005	HE-02-803	Mossknowe, Former Stables	Listed building Category B	High	No change No change is predicted because the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0006	HE-02-803	Mossknowe, Former South Lodge	Listed building Category B	High	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0007	HE-01-806	Grahamshill Farmhouse and Steading	Listed building Category B	High	Low adverse The asset is located between two areas of land required for the construction of the Proposed Scheme and associated utility diversions. A cutting will be constructed within the field immediately north of the asset. The cutting will be bounded by landscaping earthworks and a new hedgerow within 95m of the asset. The asset is also located 10m north of land required for utility diversions, within the existing highway of the B7076. The setting of the asset is the surrounding farmland to the west, north and east. The fields form part of the setting of the asset and aid in the appreciation of its historic function as a farmstead. The construction of the Proposed Scheme and utility diversions will result in the temporary presence of construction machinery within the field immediately north of the asset for the duration of construction. This will adversely impact on the heritage value of the asset as it will reduce the ability to understand and appreciate the historic interest of the	Low adverse A cutting will be constructed within the field immediately to the north of the asset, approximately 130m north of the steading. The cutting will be bounded by landscaping earthworks and a new hedgerow within 95m of the asset. The setting of the asset is the surrounding farmland to the west, north and east. The fields form part of the setting of the asset and aid in the appreciation of its historic function as a farmstead. The addition of railway infrastructure to the setting will enclose the asset and change the character of the flat agricultural landscape. The construction of the cutting approximately 130m north of the steading, will remove part of one of the fields that form the farmhouse and steading's agricultural setting. The landscaping earthworks and hedgerow will screen the asset from the new infrastructure. This will maintain some legibility of the rural setting as parts of the fields around Grahamshill will remain. However, this will adversely	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement. The asset will be located approximately 130m south of the Annandale depot, including the rail infrastructure located in a cutting. The asset will be screened from the rail infrastructure by landscape earthworks and a new hedgerow. The setting of the asset includes noise from trains on the WCML, 180m to the north and traffic on the A74(M), 100m to the south. Noise already forms part of the baseline and the increase in noise will not reduce the heritage value.	Temporary: Moderate adverse Construction permanent: Moderate adverse Operation: Neutral

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					building as a former estate farmhouse and steading.	impact the heritage value of the asset as it will affect the ease with which the agricultural history of the former estate farmhouse and steading can be understood.		
OR003_0008	HE-01-806	Kirkpatrick Fleming Parish Church and Churchyard including Woodhouse Burial Enclosure	Listed building Category B	High	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0009	HE-01-806	Kirkpatrick Fleming Parish Churchyard, Graham of Mossknowe Burial Enclosure	Listed building Category A	High	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0010	HE-01-806	Kirkpatrick Fleming Village, Notwen House and Gatepiers	Listed building Category B	High	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0011	HE-01-806	Kirkpatrick House, Farmhouse and Steading	Listed building Category B	High	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0012	HE-02-803	Springfield Village, Old Blacksmith's Shop and Smithy	Listed building Category B	High	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral

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OR003_0013	HE-01-805	Douglas Farmhouse	Listed building Category C	Moderate	No change No change is predicted because: - the asset is screened by intervening topography; and - the asset is screened by intervening vegetation.	No change No change is predicted because: - the asset is screened by intervening topography; and - the asset is screened by intervening vegetation.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0014	HE-02-803	Gretna Green, Gretna Hall Hotel and Gatepiers	Listed building Category B	High	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0015	HE-02-803	Gretna Green, Gretna Hall Former Stables, including Elmwood	Listed building Category B	High	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0016	HE-02-803	Gretna Green, Gretna Parish Church and Churchyard	Listed building Category B	High	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0017	HE-02-803	Calvertsholm Cottages, cairn 315m WNW of	Scheduled monument	High	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0018	HE-02-803	Woodhouse Tower, tower house	Scheduled monument	High	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral

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							value from increased noise and movement.	Operation: Neutral
OR003_0019	HE-02-803	Robgill Mains, cairn 320m E of	Scheduled monument	High	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0020	HE-01-805	The Bracken, enclosed settlement and droveway 370m WSW of	Scheduled monument	High	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0021	HE-01-805	Whinnyrig, enclosed settlement, droveway and field system 130m ENE of	Scheduled monument	High	No change No change is predicted because there is no temporary impact.	Minimal adverse The asset is located approximately 120m south of Annandale depot rail infrastructure, including two southern reception tracks, a pumping station and access road. The setting of the asset is the surrounding farmland, within which to the north, west and east, contains the buried archaeological remains of Whinnyrig Field System (OR003_0083). The WCML lies approximately 150m to the north of the asset. The asset's heritage value lies primarily in its archaeological interest, the presence of additional rail infrastructure within its setting will not alter how the asset is appreciated. However, the construction of the Annandale depot will result in the permanent removal of part of the archaeological remains of Whinnyrig Field System (OR003_0083), with which the asset has group value. This will change the asset's historic agricultural context and alter how the Whinnyrig settlement, droveway and field system is interpreted as an archaeological monument. This will adversely impact the heritage value of the asset.	No change No change is predicted because there are no further adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Minor adverse Operation: Neutral

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OR003_0022	HE-02-803	Calvertsholm Cottages, cairn 320m NNW of	Scheduled monument	High	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0023	HE-02-803	Blackyett, cairn 225m E of	Scheduled monument	High	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0024	HE-02-803	Broats, enclosure 250m N of	Scheduled monument	High	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0025	HE-02-803	Calvertsholm, settlement 110m N of	Scheduled monument	High	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0027	HE-02-803	Gretna Village, 14-32 (Even Nos) Canberra Road	Listed building Category C	Moderate	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset is screened by intervening buildings; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset is screened by intervening buildings; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0028	HE-02-803	Gretna Village, Annan Road, Hunters Lodge Hotel	Listed building Category B	High	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset is screened by intervening	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset is screened by intervening	No change No change is predicted because there are no adverse impacts on the asset's	Temporary: Neutral Construction permanent: Neutral

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					buildings; and - the asset's setting does not extend to the Proposed Scheme.	buildings; and - the asset's setting does not extend to the Proposed Scheme.	value from increased noise and movement.	Operation: Neutral
OR003_0029	HE-02-803	Gretna Village, Annan Road, Surrone House	Listed building Category C	Moderate	No change No change is predicted because: - the asset is screened by intervening buildings; - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because: - the asset is screened by intervening buildings; - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0030	HE-02-803	Gretna Village, Annan Road, All Saints Episcopal Church	Listed building Category B	High	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening buildings.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening buildings.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0031	HE-02-803	Gretna Village, Annan Road, Rectory to All Saints Episcopal Church	Listed building Category B	High	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening buildings.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening buildings.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0032	HE-02-803	Gretna Village, 56A-F, 58A-C and 60A-E Annan Road, (including Tourist Information Office)	Listed building Category B	High	No change No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; - of the distance between the asset and the Proposed Scheme; and - the asset is screened by intervening buildings.	No change No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; - of the distance between the asset and the Proposed Scheme; and - the asset is screened by intervening buildings.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0033	HE-02-803	Plump Bridge (A6071 over River Sark)	Listed building Category B	High	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0034	HE-02-803	Gretna Village, Annan Road, The Gables	Listed building Category B	High	No change	No change	No change	Temporary: Neutral

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					No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; - the asset is screened by intervening buildings; and - of the distance between the asset and the Proposed Scheme.	No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; - the asset is screened by intervening buildings; and - of the distance between the asset and the Proposed Scheme.	No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Construction permanent: Neutral Operation: Neutral
OR003_0035	HE-02-803	Gretna Village, 30-52 (Even Nos) Victory Avenue	Listed building Category C	Moderate	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening buildings.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening buildings.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0036	HE-02-803	Gretna Village, 23-33 (Odd Nos) Canberra Road	Listed building Category C	Moderate	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening buildings.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening buildings.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0037	HE-02-803	Gretna Village, 148-171 (inclusive nos), Central Avenue	Listed building Category B	High	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening buildings.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening buildings.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0038	HE-02-803	Milligansbush, palisaded enclosure 250m SW of	Scheduled monument	High	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because of the distance between the asset and the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0039	HE-02-803	Gretna Village, Victory Road, Anvil Hall, Former Roman Catholic Church	Listed building Category B	High	No change No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; - of the distance between the asset and the Proposed Scheme; and	No change No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; - of the distance between the asset and the Proposed Scheme; and	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral

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					- the asset is screened by intervening buildings.	- the asset is screened by intervening buildings.		Operation: Neutral
OR003_0040	HE-02-803	Gretna Village, 50 Annan Road	Listed building Category C	Moderate	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening buildings.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening buildings.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0043	HE-01-806	1 Cove Railway Cottages	Non-designated	Low	No change No change is predicted because alteration of the asset's setting would not alter its value.	No change No change is predicted because alteration of the asset's setting would not alter its value.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0044	HE-01-806	2 Cove Railway Cottages	Non-designated	Low	No change No change is predicted because alteration of the asset's setting would not alter its value.	No change No change is predicted because alteration of the asset's setting would not alter its value.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0045	HE-01-806	Cove Railway Cottage	Non-designated	Low	No change No change is predicted because alteration of the asset's setting would not alter its value.	No change No change is predicted because alteration of the asset's setting would not alter its value.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0046	HE-01-806	Cove Lodge	Non-designated	Low	No change No change is predicted because the asset's setting makes minimal contribution to its value.	No change No change is predicted because the asset's setting makes minimal contribution to its value.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0047	HE-01-806	Cove Farm	Non-designated	Low	No change No change is predicted because the	No change No change is predicted because the	No change No change is predicted because there	Temporary: Neutral

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					asset's setting makes minimal contribution to its value.	asset's setting makes minimal contribution to its value.	are no adverse impacts on the asset's value from increased noise and movement.	Construction permanent: Neutral Operation: Neutral
OR003_0048	HE-01-806	Bruce's Cave	Non-designated	Low	No change No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening vegetation.	No change No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening vegetation.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0049	HE-01-806	Beltonmont and Birkshawhead Cairn (site of)	Non-designated	Moderate	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0050	HE-01-806	Shawrig Farmhouse	Non-designated	Low	No change No change is predicted because the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0051	HE-01-806	Shawrig Quarry (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0052	HE-01-806	Kirkpatrick-Fleming Parish Manse	Non-designated	Low	No change No change is predicted because the asset is screened by intervening topography.	No change No change is predicted because the asset is screened by intervening topography.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral

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OR003_0054	HE-01-806	Kirkpatrick-Fleming Bridge	Non-designated	Low	No change No change is predicted because: - the asset is screened by intervening vegetation; and - the asset is screened by intervening topography.	No change No change is predicted because: - the asset is screened by intervening vegetation; and - the asset is screened by intervening topography.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0055	HE-01-806	Kirkpatrick House Horse Mill	Non-designated	Low	No change No change is predicted because: - the asset is screened by intervening vegetation; and - the asset is screened by intervening topography.	No change No change is predicted because: - the asset is screened by intervening vegetation; and - the asset is screened by intervening topography.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0056	HE-01-806	Kirkpatrick Tower House (site of)	Non-designated	Moderate	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0057	HE-01-806	Carved Stone Cross at Kirkpatrick-Fleming Manse	Non-designated	Moderate	No change No change is predicted because the asset's setting makes minimal contribution to its value.	No change No change is predicted because the asset's setting makes minimal contribution to its value.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0058	HE-01-806	Cross No. 1, Kirkpatrick House	Non-designated	Moderate	No change No change is predicted because the asset's setting makes minimal contribution to its value.	No change No change is predicted because the asset's setting makes minimal contribution to its value.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0059	HE-01-806	Cross No. 2, Kirkpatrick House	Non-designated	Moderate	No change No change is predicted because the asset's setting makes minimal contribution to its value.	No change No change is predicted because the asset's setting makes minimal contribution to its value.	No change No change is predicted because there are no adverse impacts on the asset's	Temporary: Neutral Construction permanent: Neutral

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							value from increased noise and movement.	Operation: Neutral
OR003_0060	HE-01-806	Kirkpatrick-Fleming War Memorial	Non-designated	Moderate	No change No change is predicted because: - the asset is screened by intervening vegetation; and - the asset is screened by intervening topography.	No change No change is predicted because: - the asset is screened by intervening vegetation; and - the asset is screened by intervening topography.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0061	HE-01-806	Kirtleholm Linear Feature (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0062	HE-01-806	Kirkpatrick-Fleming Temporary Roman Camp (site of)	Non-designated	Moderate	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0064	HE-01-806	North Lodge, Mossknowe House	Non-designated	Low	No change No change is predicted because: - the asset is screened by intervening vegetation; and - the asset is screened by intervening topography.	No change No change is predicted because: - the asset is screened by intervening vegetation; and - the asset is screened by intervening topography.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0065	HE-01-806	Mossknowe Policies	Non-designated	Low	No change No change is predicted because the asset's setting makes minimal contribution to its value.	No change No change is predicted because the asset's setting makes minimal contribution to its value.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0067	HE-01-806	Redhall Mill (site of)	Non-designated	Low	No change	No change	No change	Temporary: Neutral

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					No change is predicted because there is no physical impact.	No change is predicted because there is no physical impact.	No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Construction permanent: Neutral Operation: Neutral
OR003_0068	HE-01-806	Mossknowe Settlement (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0069	HE-01-806	Mossknowe Sawmill Cairn (site of)	Non-designated	Moderate	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0070	HE-01-806	Redhall Sawmill (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0071	HE-01-806	Redhall Castle Tower House (site of)	Non-designated	Moderate	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0072	HE-01-806	Redhall Farmhouse	Non-designated	Low	No change No change is predicted because: - the asset is screened by intervening vegetation; - the asset is screened by intervening topography; and	No change No change is predicted because: - the asset is screened by intervening vegetation; - the asset is screened by intervening topography; and	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral

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					- the asset's setting does not extend to the Proposed Scheme.	- the asset's setting does not extend to the Proposed Scheme.		Operation: Neutral
OR003_0074	HE-01-805	Redhouse Farmhouse and Steading	Non-designated	Low	<p>Medium adverse</p> <p>The asset is located immediately adjacent to land required for the construction of the Proposed Scheme. The setting of the asset is the surrounding farmland to the west, north and east. The fields aid in the appreciation of its historic function as a farmstead. The construction of the Proposed Scheme will result in the temporary presence of construction machinery within the fields immediately north and west of the asset for the duration of construction. This will adversely impact on the heritage value of the asset as it will reduce the ability to understand and appreciate the historic interest of the building as a former estate farmhouse and steading.</p>	<p>Medium adverse</p> <p>The asset is located approximately 130m south-west of a maintenance shed and accommodation building. This will be bounded by landscaping earthworks and planting within approximately 30m of the asset. An access road will also be located approximately 100m west of the steading. The setting of the asset is the surrounding farmland to the west, north and east. The fields form part of the setting of the asset and aid in the appreciation of its historic function as a farmstead. The construction of the maintenance shed and accommodation building will remove part of several fields that form the farmhouse and steading's agricultural setting. However, modern agricultural sheds partially screen the asset from the surrounding landscape. The landscaping earthworks will screen the asset further from the modern infrastructure. This will not prevent the adverse impact resulting from the loss of surrounding farmland that forms the asset's setting. However, some parts of the fields around Redhouse Farm will remain, which will still allow some appreciation of the agricultural setting.</p>	<p>No change</p> <p>No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement. The railway infrastructure, approximately 100m north of the asset, will be screened by landscape earthworks. There will be traffic noise introduced along the access road, approximately 100m to the west of the asset. However this road will be screened by a hedgerow. Traffic noise from the A74(M) motorway, located approximately 140m to the south, already forms part of the baseline and the increase in noise will not reduce the heritage value.</p>	<p>Temporary: Minor adverse</p> <p>Construction permanent: Minor adverse</p> <p>Operation: Neutral</p>
OR003_0075	HE-01-805	Redhouse Milestone	Non-designated	Low	<p>No change</p> <p>The temporary presence of construction activity within the setting of the asset will not adversely impact on the heritage value of the asset. All construction impacts are considered to be permanent.</p>	<p>High adverse</p> <p>The asset is located within the land required for the Proposed Scheme. It will be removed during construction of changes to the B7076 Gretna to Elvanfoot Road and utility diversion works. However, it will be safely stored for the duration of construction activities and will be returned, insofar as it is reasonably practicable, to its original location, or an alternative location agreed with the relevant stakeholder, before operation.</p>	<p>No change</p> <p>No change is predicted because there are no further adverse impacts on the asset's value from increased noise and movement.</p>	<p>Temporary: Neutral</p> <p>Construction permanent: Moderate adverse</p> <p>Operation: Neutral</p>
OR003_0076	HE-01-805	Ewes Burn Bridge	Non-designated	Low	<p>No change</p> <p>The temporary presence of construction activity within the setting of the asset will not adversely impact on the heritage</p>	<p>Low adverse</p> <p>The asset is located within the land required for the construction of the Proposed Scheme. A utility diversion will</p>	<p>No change</p> <p>No change is predicted because there are no further adverse impacts on the</p>	<p>Temporary: Neutral</p> <p>Construction permanent:</p>

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					value of the asset. All construction impacts are considered to be permanent.	be required across the bridge. This has the potential to impact the archaeological remains of the bridge, or earlier bridges that crossed the Ewes Burn. The archaeological remains within the carriageway are likely to have been disturbed by previous utilities works and construction of the road surface. Construction work will be confined to the current carriageway. Therefore, utilities diversions are likely to adversely impact the bridge structure itself or remains of previous bridges in this location.	asset's value from increased noise and movement.	Minor/Negligible adverse Operation: Neutral
OR003_0077	HE-01-805	Nook House	Non-designated	Low	Low adverse The asset is located approximately 50m to the south of land required for the construction of the Proposed Scheme and immediately adjacent of land required for utility diversions within the existing highway of the B7076. The setting of the asset is formed by a private garden to the south and is surrounded by agricultural fields to the west, north and east. The fields form part of the setting of the asset and aid in the appreciation of its historic function as a rural cottage. The construction of the Proposed Scheme will result in the temporary presence of construction machinery within the fields to the north of the asset for the duration of construction. The Annandale depot main compound will also be located approximately 100m to the north-east of the asset. This will adversely impact on the heritage value of the asset as it will reduce the ability to understand and appreciate the historic interest of the building as a rural cottage.	Low adverse The asset is located 200m from the Annandale depot. A maintenance shed and accommodation building will be constructed within the fields, approximately 200m north of the asset. This will be bounded by landscaping earthworks and planting within approximately 100m of the asset. The setting of the asset is formed by a private garden to the south and is surrounded by agricultural fields to the west, north and east. The fields form part of the setting of the asset and aid in the appreciation of its historic function as a rural cottage. Construction of the maintenance shed and accommodation building will remove part of several fields that form the cottage's setting. The proposed landscaping earthworks will screen the asset from this new infrastructure. This will not prevent the adverse impact resulting from the loss of surrounding farmland that forms the asset's setting. However, some parts of the fields around Nook Cottage will remain which will still allow some appreciation of its setting.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Minor/Negligible adverse Construction permanent: Minor/Negligible adverse Operation: Neutral
OR003_0078	HE-01-805	Roman road Carlisle to Birrens (Margary 7f) (site of)	Non-designated	Low	No change No temporary effect is assessed for this asset as its removal during construction will be permanent.	Low adverse The asset is partially located within the land required for the construction of the Proposed Scheme. There is potential for buried archaeological remains of the Roman road to be preserved beneath the current road surface. The excavation of areas of the road surface for utilities has the potential to remove any	No change No change is predicted because there are no further adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Minor/Negligible adverse Operation: Neutral

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						archaeological remains of the Roman road. However, the remains of the asset have been reused repeatedly as transport routes throughout the subsequent years since its construction. This is likely to have adversely impacted on the level of survival of archaeological remains.		
OR003_0079	HE-01-805	Nouthill Farmhouse and Steading	Non-designated	Low	Minimal adverse The asset is located immediately adjacent to the south of land required for the construction of the Proposed Scheme. The setting of the asset is the surrounding farmland, which aid in the appreciation of its historic function as a farmhouse. The existing rural setting of the asset will be altered by the temporary presence of construction machinery immediately adjacent to the asset. This will adversely impact the heritage value of the asset as it will temporarily affect the ability to understand the historic interest of the asset as a farmhouse and steading.	Minimal adverse The asset is located approximately 375m south-east of the maintenance shed and accommodation building for Annandale depot. The setting of the farm steading comprises of agricultural fields to the north, east and west of the asset. This makes a positive contribution to its heritage value. The construction of the maintenance shed and accommodation building approximately 375m to the north-west of the asset will remove agricultural land and change the agricultural setting of the asset. This will reduce the ability to understand and appreciate the historic interest of Nouthill farmstead. The proposed landscaping earthworks will screen the asset from the new infrastructure. This will not prevent the adverse impact resulting from the loss of surrounding farmland that forms the asset's setting. However, some parts of the fields around the farmstead will remain. This will mostly allow continued legibility of the rural setting of the asset.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Negligible adverse Construction permanent: Negligible adverse Operation: Neutral
OR003_0080	HE-01-805	Nouthill Cottage	Non-designated	Low	Minimal adverse The setting of the asset is formed by the gardens to the north and south within which the cottage is located. Beyond which lies surrounding agricultural land to the west, east and north. The setting aids in the appreciation of its historic function as a rural cottage. The land required for the construction of the Proposed Scheme is located adjacent to the gardens of the asset. The existing rural setting of the asset will be altered by the temporary presence of construction machinery within its setting. This will adversely impact the heritage value of the asset as it will temporarily	Minimal adverse The asset is located approximately 375m south-east from the Annandale depot. The setting of the asset is formed by the gardens immediately adjacent, to the north and south of the cottage and surrounding agricultural land to the west, east and north. The setting makes a positive contribution to the heritage value. The construction of the maintenance shed and accommodation building approximately 375m to the north-west of the asset will remove agricultural land and change the setting of the asset. This will reduce the ability to understand and appreciate the historic	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Negligible adverse Construction permanent: Negligible adverse Operation: Neutral

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					affect the ability to understand the historic interest of the asset as a rural cottage.	interest of the cottage. However, the landscaping earthworks will screen the asset from the new infrastructure. This will not prevent the adverse impact resulting from the loss of surrounding farmland that forms the asset's setting. However, some parts of the fields around the cottage will remain. This will partly allow the continued legibility of the rural setting of the asset.		
OR003_0081	HE-01-805	Cranberry Cottage	Non-designated	Low	<p>Low adverse</p> <p>The asset is located immediately adjacent to land required for the construction of the Proposed Scheme. The setting of the asset is set within a private garden, surrounded by agricultural fields. The fields form part of the setting of the asset and aid in the appreciation of this rural cottage. The construction of the Proposed Scheme will result in the temporary presence of construction machinery within agricultural land to the north, east and west of the asset for the duration of construction. There will also be the Cranberry Farm Accommodation Access satellite construction compound located immediately adjacent to the north of the asset. This will adversely impact on the heritage value of the asset as it will reduce the ability to understand and appreciate the relationship with the historic rural farmland around the asset.</p>	<p>Medium adverse</p> <p>The asset is located 100m to the south-east of the Annandale depot. The asset is set within a private garden, surrounded by agricultural fields, including to the east, north and west. The fields form part of the setting of the asset and aid in the appreciation of this rural cottage. The setting makes a positive contribution to the value of the asset. The construction of the southern reception tracks, 125m to the north, and Annandale Depot Traction Substation, 150m to the west, will remove agricultural fields which immediately surround the asset. This will change the agricultural setting of the asset and adversely impact its heritage value. However, the landscaping earthworks will screen the asset from the new infrastructure. This will not prevent the adverse impact resulting from the loss of surrounding farmland that forms the asset's setting. However, some parts of the fields around the cottage will remain. This will partly allow the continued legibility of the rural setting of the asset.</p>	<p>No change</p> <p>No change is predicted because there are no further adverse impacts on the asset's value from increased noise and movement.</p>	<p>Temporary: Minor/Negligible adverse</p> <p>Construction permanent: Minor adverse</p> <p>Operation: Neutral</p>
OR003_0082	HE-01-805	Douglas House Milestone	Non-designated	Low	<p>No change</p> <p>No change is predicted because the asset's setting does not extend to the Proposed Scheme.</p>	<p>No change</p> <p>No change is predicted because the asset's setting does not extend to the Proposed Scheme.</p>	<p>No change</p> <p>No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.</p>	<p>Temporary: Neutral</p> <p>Construction permanent: Neutral</p> <p>Operation: Neutral</p>
OR003_0083	HE-01-805	Whinnyrig Field System (site of)	Non-designated	High	<p>No change</p> <p>The temporary presence of construction activity within the setting of the asset will</p>	<p>Medium adverse</p> <p>The asset is located within land required for the Proposed Scheme. This includes</p>	<p>No change</p> <p>No change is predicted because there are no further adverse impacts on the</p>	<p>Temporary: Neutral</p> <p>Construction</p>

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					not adversely impact on the archaeological interest of the asset. All construction impacts are considered to be permanent.	two southern reception tracks, a pumping station and access road in the northernmost part of the asset. The construction of this rail infrastructure will result in the permanent removal of part of the asset. In addition, two stretches of hedgerow planting will be created. However, these are on the alignment of existing hedgerow and are not anticipated to result in substantial impacts to buried archaeological remains. These works will adversely impact the heritage value of the asset, which includes the ability to understand the group value with Whinnyrig, enclosed settlement, driveway and field system 130m ENE of (OR003_0021).	asset's value from increased noise and movement.	permanent: Major adverse Operation: Neutral
OR003_0084	HE-01-805	Whinnyrig Farmhouse	Non-designated	Low	No change No change is predicted because the asset is screened by intervening vegetation.	No change No change is predicted because the asset is screened by intervening vegetation.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0085	HE-01-805	Stoneybridge House	Non-designated	Low	No change No change is predicted because: - the asset is screened by intervening vegetation; and - the asset is screened by intervening topography.	No change No change is predicted because: - the asset is screened by intervening vegetation; and - the asset is screened by intervening topography.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0086	HE-01-805	Hill House Wall	Non-designated	Low	No change No change is predicted because the asset's setting makes minimal contribution to its value.	No change No change is predicted because the asset's setting makes minimal contribution to its value.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0087	HE-01-805	Quintinshill Bridge	Non-designated	Low	No change No change is predicted because the minor works will not impact on the asset's value.	No change No change is predicted because the minor works will not impact on the asset's value.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral

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								Operation: Neutral
OR003_0088	HE-01-805	Sarkside	Non-designated	Low	No change No change is predicted because the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0089	HE-01-805	Cranberry Farmhouse	Non-designated	Low	No change No change is predicted because the minor works will not impact on the asset's value.	No change No change is predicted because the minor works will not impact on the asset's value.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0090	HE-01-805	Cranberry Platform (site of)	Non-designated	Low	No change The temporary presence of construction activity within the setting of the asset will not adversely impact on the archaeological interest of the asset. All construction impacts are considered to be permanent.	Medium adverse The asset is partially located within land required for the Proposed Scheme. There is potential for buried archaeological remains of the building platform to be preserved beneath the current road surface. The excavation of areas of the road surface for utilities has the potential to remove archaeological remains of the building platform. However, the construction of the current road is likely to have impacted on the survival of any archaeological remains.	No change No change is predicted because there are no further adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Minor adverse Operation: Neutral
OR003_0092	HE-01-806	Raeburnhead Linear Feature (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0093	HE-01-806	Newhope	Non-designated	Low	No change No change is predicted because the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral

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								Operation: Neutral
OR003_0094	HE-01-806	Kirkpatrick Station (former)	Non-designated	Low	No change No change is predicted because the minor works will not impact on the asset's value.	No change No change is predicted because the minor works will not impact on the asset's value.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0095	HE-01-806	Smithy House	Non-designated	Low	No change No change is predicted because the asset is screened by intervening buildings.	No change No change is predicted because the asset is screened by intervening buildings.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0096	HE-01-806	Victoria Hall	Non-designated	Low	No change No change is predicted because the asset is screened by intervening buildings.	No change No change is predicted because the asset is screened by intervening buildings.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0097	HE-01-806	Schoolcroft	Non-designated	Low	No change No change is predicted because the asset is screened by intervening buildings.	No change No change is predicted because the asset is screened by intervening buildings.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0098	HE-01-806	Kirkpatrick-Fleming Village	Non-designated	Low	No change No change is predicted because the asset is screened by intervening buildings.	No change No change is predicted because the asset is screened by intervening buildings.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0099	HE-01-806	Greenfield Smithy	Non-designated	Low	No change No change is predicted because the	No change	No change No change is predicted because there	Temporary: Neutral

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					asset is screened by intervening buildings.	No change is predicted because the asset is screened by intervening buildings.	are no adverse impacts on the asset's value from increased noise and movement.	Construction permanent: Neutral Operation: Neutral
OR003_0100	HE-01-806	Holmwood, Under Newton	Non-designated	Low	No change No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening vegetation.	No change No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening vegetation.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0101	HE-01-806	A74 Bridge over Kirtle Water	Non-designated	Low	No change No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening topography.	No change No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; and - the asset is screened by intervening topography.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0102	HE-01-806	Newton Farm	Non-designated	Low	No change No change is predicted because the asset is screened by intervening buildings.	No change No change is predicted because the asset is screened by intervening buildings.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0103	HE-01-806	London House Stables	Non-designated	Low	No change No change is predicted because: - the asset is screened by intervening buildings; and - the asset is screened by intervening vegetation.	No change No change is predicted because: - the asset is screened by intervening buildings; and - the asset is screened by intervening vegetation.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0104	HE-01-806	Newton Village	Non-designated	Low	No change No change is predicted because the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral

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OR003_0105	HE-01-806	Enclosure at Newton (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0106	HE-01-806	Wicketthorn	Non-designated	Low	No change No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; - the asset is screened by intervening vegetation; and - the asset is screened by intervening topography.	No change No change is predicted because: - the asset's setting does not extend to the Proposed Scheme; - the asset is screened by intervening vegetation; and - the asset is screened by intervening topography.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0107	HE-01-806	Clarence Cottage Site (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0109	HE-01-805	Caledonian Railway (West Coast Mainline)	Non-designated	Low	No change No change is predicted because: - the minor works will not impact on the asset's value; and - the asset's setting makes minimal contribution to its value.	No change No change is predicted because: - the minor works will not impact on the asset's value; and - the asset's setting makes minimal contribution to its value.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0110	HE-01-805	Possible extraction pits south-east of Bensmoor Wood (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0111	HE-01-805	Rectilinear ditch north east of Blacksike Wood (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's	Temporary: Neutral Construction permanent: Neutral

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UID	Map reference	Name	Designation and grade	Heritage value	Construction temporary - impact	Construction permanent - impact	Operation permanent - impact	Effect
							value from increased noise and movement.	Operation: Neutral
OR003_0112	HE-01-806	Ring ditch north of Mossknowe House (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0113	HE-01-805	Linear ditch north of Mossknowe House (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0114	HE-01-805	Williamsfield ditched enclosure (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0116	HE-01-805	Quintinshill Farmstead (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0117	HE-01-805	Possible enclosure ditches, east of Blacksike Wood (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0118	HE-01-805	Linear features, north of Stoneybridge (site of)	Non-designated	Low	No change	No change	No change	Temporary: Neutral

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					No change is predicted because there is no physical impact.	No change is predicted because there is no physical impact.	No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Construction permanent: Neutral Operation: Neutral
OR003_0119	HE-01-806	Linear and circular features, east of Bruce's Cave (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0120	HE-01-806	Linear Feature, west of Kirkpatrick House (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0121	HE-01-806	East Lodge, Mossknowe House	Non-designated	Low	No change No change is predicted because the asset's setting makes minimal contribution to its value.	No change No change is predicted because the asset's setting makes minimal contribution to its value.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0122	HE-01-805	Blacksike Bridge and War Memorial	Non-designated	Low	No change No change is predicted because the minor works will not impact on the asset's value.	No change No change is predicted because the minor works will not impact on the asset's value.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0123	HE-01-805	Beechwood	Non-designated	Not significant	No change No change is predicted because the minor works will not impact on the asset's value.	No change No change is predicted because the minor works will not impact on the asset's value.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral

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UID	Map reference	Name	Designation and grade	Heritage value	Construction temporary - impact	Construction permanent - impact	Operation permanent - impact	Effect
								Operation: Neutral
OR003_0124	HE-01-805	Williamsfield Railway Bridge	Non-designated	Low	No change The asset is located within land required for the construction of the Proposed Scheme. The setting of the bridge is the surrounding farmland and private track which runs beneath it. The contribution the setting makes to the asset's value is drawn from its relationship with the railway line. The temporary presence of construction machinery will alter the setting but will not change the heritage value of the asset.	No change The asset is located on the WCML, which will be subject to minor modifications of the track layout, signalling, overhead line equipment and other railway systems to facilitate the Proposed Scheme. However, this will have no adverse impact on the heritage value of the asset. The bridge will not be affected by any physical works.	No change No change is predicted because there are no further adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0125	HE-01-805	Whinnyrig Pumping Station (site of)	Non-designated	Moderate	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0126	HE-01-806	Mossknowe House, Tower House (site of)	Non-designated	Moderate	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0127	HE-02-803	Gretna Village, 121 Central Avenue, Former Gretna Cinema	Listed building Category C	Moderate	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral
OR003_0128	HE-02-803	Gretna Village, Central Avenue, Richard Greenhow Centre	Listed building Category B	High	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because: - of the distance between the asset and the Proposed Scheme; and - the asset's setting does not extend to the Proposed Scheme.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral

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UID	Map reference	Name	Designation and grade	Heritage value	Construction temporary - impact	Construction permanent - impact	Operation permanent - impact	Effect
OR003_0129	HE-01-805	Boghead Field System (site of)	Non-designated	Low	No change No change is predicted because there is no physical impact.	No change No change is predicted because there is no physical impact.	No change No change is predicted because there are no adverse impacts on the asset's value from increased noise and movement.	Temporary: Neutral Construction permanent: Neutral Operation: Neutral

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5 Archaeological character areas and archaeological sub-zones

Table 6: Archaeological character areas (ACA) in Annandale depot

ACA	Description
OR003_AC01 Gretna Plain	<p>This ACA covers the extent of the study area. Gretna Plain forms part of the wider coastal Solway Plain around the Solway Firth and forms a distinct area north of the Solway Firth. The underlying geology is mapped as sandstone. This is overlain by mixed superficial deposits comprising glacial till, intersected by river terrace deposits and alluvial deposits associated with the Kirtle Water and River Sark. These deposits potentially preserve evidence from the Mesolithic period and the earliest people to settle within the area. Isolated mosses and flows in the study area include Nutberry Moss and Gretna Flow. Mosses and flows are areas of peat deposits formed within raised bogs, which were often associated with lakes that formed after the Devensian glaciation in low lying areas or hollows, within the glacial till. Peat deposits contain organic material and have the potential to preserve palaeoenvironmental and archaeological remains due to anaerobic preservation conditions. These remains may help to explain the environment and lives of people who occupied the Solway Plain from the Mesolithic period up until the present day. The ACA is bisected by two water courses which drain into the Solway Firth: the Kirtle Water, which flows broadly north to south; and the River Sark, which flows north-east to south-west. The topography slopes gently from the north and north-west towards the Solway Firth at the south.</p> <p>The ACA has the potential for archaeological remains from the Mesolithic until the present day. The wider area has been shown to have been settled by farmers from as early as the Neolithic period, and there remains the potential for early evidence of farming on the Gretna Plain. A series of enclosed settlements identified from remote sensing are a distinct feature of the Dumfries region and the Solway Plain. These settlements were probably occupied from the Iron Age, but may be earlier, and continued in use into the Roman period.</p> <p>The presence of the Roman occupation is evidenced by a Roman Road (OR003_0078) between the forts of Birrens to the north-west and Stanwix (Carlisle) to the south-east on Hadrian's Wall which crosses the ACA. Located around the modern settlement of Kirkpatrick Fleming are a series of temporary camps believed to date to the Severan campaigns of the 3rd century AD.</p> <p>The area continued to be settled in the medieval period. The first archaeological evidence for occupation is several Tower Houses, fortified buildings designed to protect against the Reivers who crossed the border between Scotland and England raiding for sheep. Small farmsteads are likely to have existed and there is evidence of medieval farming systems, visible as surviving rig and furrow. These settlements continued to be occupied in the post-medieval period. The landscape was re-organised during the 18th century and created large rectilinear fields, given over to a mixed-use regime, which may have removed some of the evidence of earlier occupation. The settlements at Kirkpatrick Fleming and Gretna Green are predominantly post-medieval in date, though the churches are recorded in the medieval period. Gretna town is predominantly early 20th century in date and represents a major expansion in settlement within the ACA including the construction of the WCML and A74 (M).</p>

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Table 7: Archaeological sub-zones (ASZ) in Annandale depot

ASZ reference	Risk rating	Description	Map reference
OR003_AC01.002 Kirtle Water	1	<p>The ASZ comprises an area of gently sloping land either side of Kirtle Water. The superficial geology of the area includes river terrace deposits, the Kilblane sands and gravel formation, and alluvium deposits along the Kirtle Water. The ASZ is within OR003_HLCA01: Kirtle Water Valley and is characterised by designed landscapes predominantly in use as pasture, with low density settlement. Within the ASZ, there is potential for preserved archaeological remains dating from the prehistoric, Roman, medieval and post-medieval periods. The alluvium deposits have the potential to preserve archaeological evidence from the Mesolithic period onwards. The ASZ also has isolated deposits of peat which may contain organic remains. The area along the southern side of Kirtle Water, has a number of possible Bronze Age burial cairns, including two at Calvertsholm (OR003_0017; 0022). The area has also been the focus of activity in the Iron Age and Roman periods, as evidenced by settlements on marginally higher ground at the Bracken (OR003_0020) and Calvertsholm (OR003_0025). Evidence for medieval activity is known from the tower houses at Cove House (OR003_0002), Mossknowe House (OR003_0003), Woodhouse (OR003_0018) and Redhall (OR003_0071). The ASZ underwent major landscape re-organisation during the 18th century, as evidenced by the remains of rectilinear enclosure patterns. Designed landscapes were also created during this period at Cove and Mossknowe.</p> <p>There is limited information from documentary sources and previous archaeological investigations to fully define the archaeological resource, however, there remains the potential for remains from the prehistoric to post-medieval periods and therefore, the risk rating is 1.</p>	HE-03-804
OR003_AC01.004 A74(M)	4	<p>The ASZ comprises the modern infrastructure corridor of the A74 (M). This includes the route of the road, junctions and the Gretna Services. It forms part of an earlier route between Gretna and Glasgow which has been progressively upgraded from the 1930s to 1990s. Archaeological evidence would have been largely removed in this ASZ during the construction of the infrastructure. Therefore, the risk rating is 4.</p>	HE-03-803
OR003_AC01.006 B7076 Roman Road	1	<p>The ASZ is either side of the Carlisle to Birrens Roman Road (OR003_0078), which now broadly follows the line of the B7076. The ASZ is within OR003_HLCA02: Redhall Farms and is characterised by post-medieval rectilinear fields, used for arable and pasture with the B7076 bisecting the landscape from south-east to north-west. The superficial geology of the area is Gretna tills. There is potential for the area either side of the road to contain evidence of Roman roadside settlement, as the site of Kirkpatrick-Fleming Roman Temporary Camps (OR003_0062) lies immediately west of the ASZ. The B7076 continued to be an important thoroughfare throughout the medieval and post-medieval periods and there is also potential for archaeological remains from these periods. There are post-medieval farmsteads scattered along the B7076 on either side,</p>	HE-03-803

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ASZ reference	Risk rating	Description	Map reference
		including Grahamshill (OR003_0007) and Redhouse Farm (OR003_0074). The road became an important trade route and led to the development of Springfield at the eastern end of the ASZ. Despite the lack of site-specific data from previous archaeological investigations, the known location of a Roman temporary camp and the route of the Roman road indicate the potential for significant Roman remains to be present within the ASZ and therefore, the risk rating is 1.	
OR003_AC01.007 Rae Burn	1	The ASZ comprises an area of gently sloping plain north of the B7076, west of the River Sark and north of Kirtle Water. The ASZ is within OR003_HLCA02: Redhall Farms and is characterised by post-medieval rectilinear fields, used for arable and pasture. The area is bisected by Rae Burn, a minor tributary of the River Sark that runs broadly west to east and Ewes Burn, a minor tributary of Kirtle Water which runs broadly north to south. The superficial geology of the area is Gretna tills, with pockets of peat in areas referred to as flows, including Gretna Flow, Raeburn Flow and Cowsgill Flow. A small area of peat and alluvium lies just south of the WCML near Cranberry Farm. The extent of surviving wetland moss is unknown, however, there is potential for organic deposits to be preserved in these areas. The area has evidence for prehistoric settlement, including Milligansbush (OR003_0038) and Whinnyrig (OR003_0021). This suggests that the area has a long history of farming and settlement. Evidence for medieval activity comes from the remains of levelled rig and furrow and some of the post-medieval farmsteads may have earlier origins. There are a number of post-medieval farmsteads, dispersed across the ASZ, including Williamsfield (OR003_0001) and Cranberry Farm (OR003_0089). There is also evidence for exploitation of the mosslands during this period, with peat cutting at Gretna Flow recorded during the 19th century. Despite the lack of site-specific data from previous archaeological investigations, the potential for remains from the prehistoric to post-medieval periods within the ASZ remains high and therefore, the risk rating is 1.	HE-03-803
OR003_AC01.008 Kirkpatrick Fleming	1	The ASZ comprises an area around the village of Kirkpatrick Fleming. The ASZ is located on Gretna Till and Kerr Moraine superficial deposits. The area sits on higher ground above the Kirtle Water and may have a long history of occupation. The ASZ is within OR003_HLCA01: Kirtle Water Valley and is characterised by the linear settlement of Kirkpatrick-Fleming, surrounded by predominantly pasture fields. There is no evidence for prehistoric activity within the ASZ. The Carlisle to Birrens Roman Road (OR003_0078) runs east to west through the ASZ and is thought to run to the south of the present day B7076 in this area. The site of Kirkpatrick-Fleming Roman Temporary Camps (OR003_0062) lies within the south-east part of the ASZ and are thought to date from the 3rd century AD. The road continued to be an important route and now forms the B7076. The extent of settlement in the medieval period is unclear. However, the church at Kirkpatrick-Fleming (OR003_0008) dates to this period. There was also a tower house (OR003_0056) to the west	HE-03-804

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ASZ reference	Risk rating	Description	Map reference
		of the church. The settlements of Newton and Kirkpatrick Fleming have expanded along the route of the B7076 in the post-medieval and modern period. The character of the ASZ is understood from cartographic and documentary sources; however, there are elements which are still poorly understood. Therefore, the risk rating is 1.	

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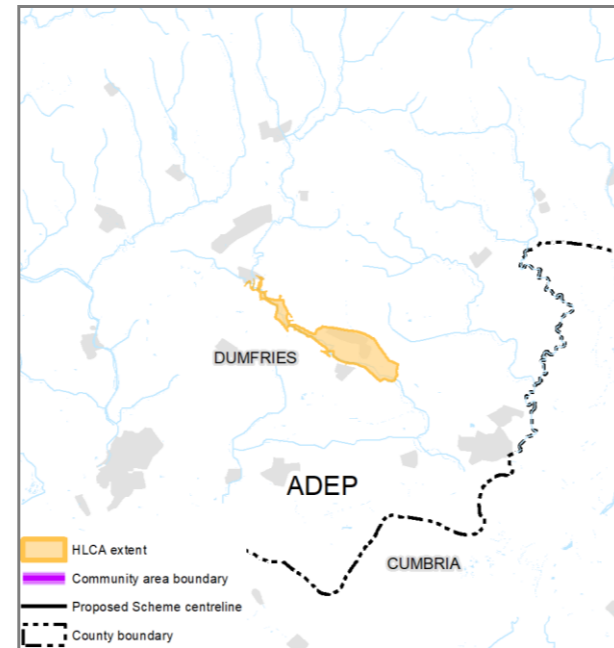
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6 Historic landscape character area sheets

OR003_HLCA01: Kirtle Water Valley

Key Characteristics

- Designed parkland landscapes.
- Village of Kirkpatrick-Fleming.
- Linear transport corridors including the B7076, the West Coast Main Line (WCML) and the A74(M).
- Kirtle Water.
- Sandstone quarries.



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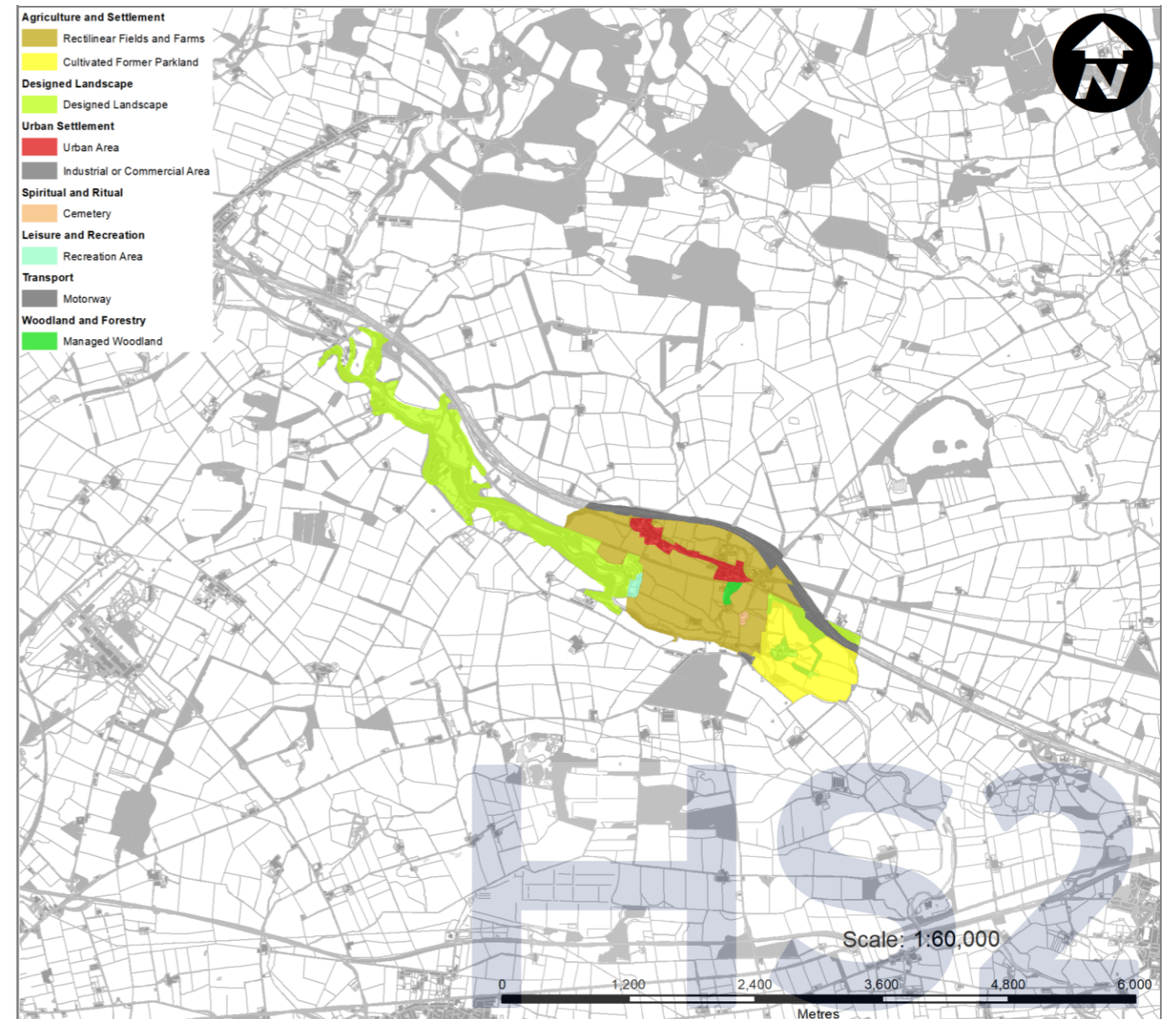
Description

The HLCA comprises mostly designed landscapes, some areas of which have been repurposed as farmland, and the village of Kirkpatrick-Fleming, with the Kirtle Water valley in the south.

The A74(M) forms the northern border of the HLCA. The B7076 passes through the north of the HLCA and approximately follows the course of the former Roman road from Carlisle to Birrens. The village of Kirkpatrick-Fleming has a linear emphasis along this road and a separate area of settlement towards the south. The parish church, which is of medieval origin, is located to the south of the village. The settlement largely developed in the 19th and 20th centuries. It is likely that the settlement developed in its current form to service roadside trade on the major cross border route which passed through Gretna. The remains of several tower houses are present throughout the HLCA, focused along the valley of Kirtle Water. Tower houses were tall, stone dwellings for high-status individuals, which also offered a defensive advantage. They are indicative of medieval settlement patterns. The building type was a popular form of dwelling from the late medieval to the early post-medieval period in this area, due to the unstable nature of the border region between Scotland and England. The West Coast Main Line (WCML) bisects much of the HLCA. It was constructed by the Caledonian Railway Company in the mid-19th century. The railway appears to have resulted in a rearrangement of field boundaries within its immediate vicinity. It may also have resulted in the expansion of the village of Kirkpatrick-Fleming westwards toward Newton rather than southwards towards the church and manse (the Scottish equivalent of a rectory).

Much of the east of the HLCA is comprised of the designed landscape of parkland and gardens belonging to the Grade A listed Mosknowe House. This landscape is thought to have originally been designed in the 18th century on the site of a former Roman camp. Much of the former parkland has been converted to agricultural use and process which began in the late 19th century. Ponds, woodland, and tracks are all visible remnants of the former parkland landscape. The construction of the A74(M) in the 1970s removed part of the northern section of the designed landscape.

The western section of the HLCA is entire taken up by the valley of Kirtle Water. This is part of a designed landscape probably associated with the Cove, an 18th century house which may be built on the site of an earlier castle. A large caravan and holiday park are now located within the grounds of the Cove. The valley is relatively steep in this section and is surrounded by trees. The sides of the river valley feature sandstone outcrops. This has resulted in the sinking of a number of sandstone quarries along this stretch of the river. There are the remains of a number of closed quarries, including an old quarry tramway, and an existing active quarry. It is likely that much of the sandstone which characterise the local buildings was sourced from these quarries.



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Asset value Low

Magnitude of impact

Construction temporary	No change
Construction permanent	No change
Operation permanent	No change

Effect

Construction permanent	Neutral
Operation	Neutral

Commentary

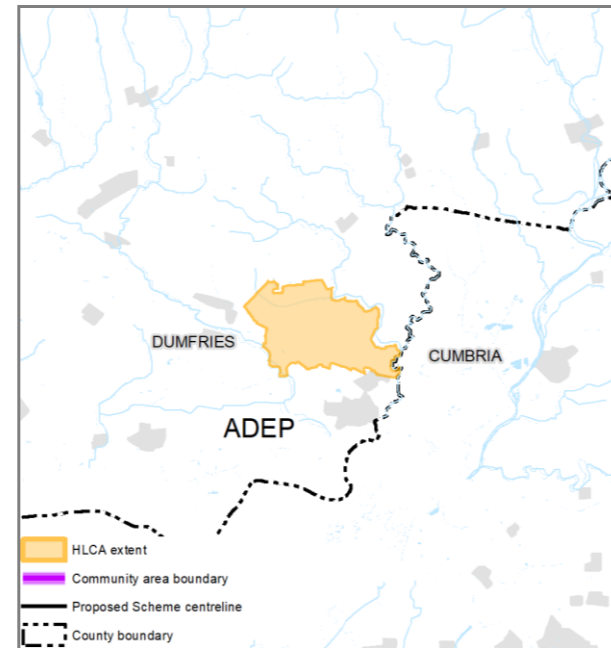
The interest of the HLCA arises from the capacity of the landscape to illustrate the development of designed landscapes, quarrying of stone and patterns of medieval settlement. Together these trends demonstrate continuity of settlement in a landscape which has been heavily remodelled by landowner's improvements from the later 18th century.

Construction activity within the HLCA will be limited to track remodelling on the existing WCML. This will not result in perceptible change to the character of the HLCA or the way in which it is appreciated due to the minor nature of the works.

OR003_HLCA02: Redhall Farms

Key Characteristics

- Broadly rectangular fields with straight boundaries enclosed in the 18th century.
- Hedgerows or managed woodland field boundaries.
- Small copses of managed woodland.
- Isolated 18th and 19th century farmsteads.
- Rig and furrow cropmarks indicating medieval and post-medieval farming.
- Areas of rough grazing.
- Substantial infrastructure corridors including the West Coast Mainline (WCML), B7076 and A74 (M).



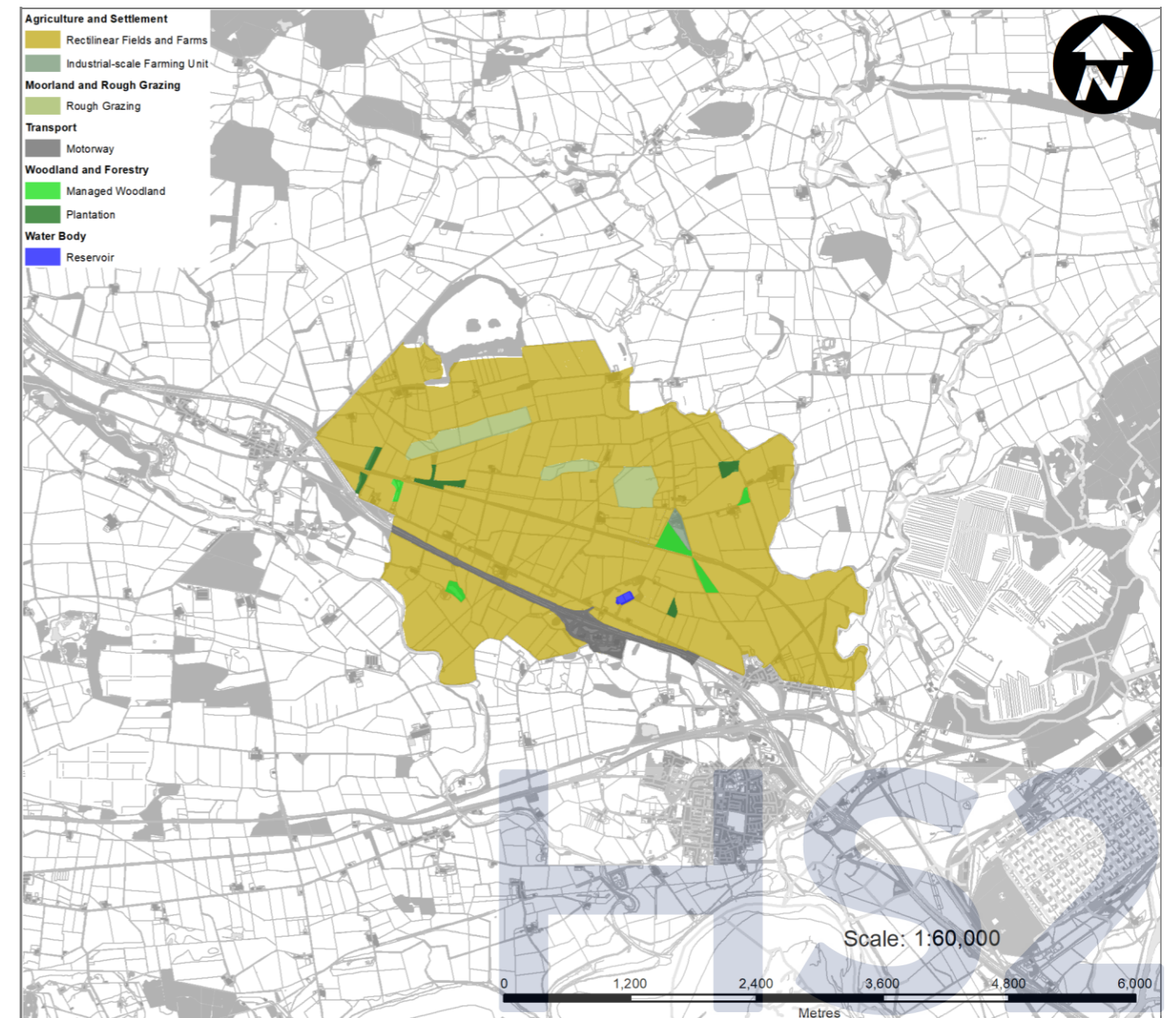
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Description

The HLCA is characterised by regularly shaped agricultural fields, with farmsteads and dwellings spread throughout the landscape, mostly dating to the 18th, 19th and 20th centuries. The majority are built of local sandstone, adding a character and distinctiveness to the area.

Fields within the HLCA are broadly rectangular in shape with straight boundaries. These field patterns were likely laid out in the 18th century as part of wholesale reorganisation of the landscape imposed under the agricultural improvement movement. Where field boundaries meet natural features such as rivers and streams, they largely follow these, creating more sinuous edges. Field boundaries are mostly hedgerows or strips of plantation woodland, with some drains created along these boundaries to manage the drainage of the land. Historic maps show that these strips of plantation woodland often formed the boundaries between different farms, suggesting they may have been planted in the 18th century when the fields were laid out. The strips of plantation woodland likely functioned as shelter belts to provide protection to crops from strong winds. There are also some small areas of managed deciduous woodland, including Blacksike Wood, Bensmoor Wood and Goldieslea Wood which are defined as Ancient Woodland. These were likely originally much larger areas of woodland, gradually cleared over time to make space for agriculture. In some areas which are less suitable for agriculture there are patches of ground for rough grazing. One of these is Gretna Flow, which was previously a site of peat cutting and evidence of an artificial drainage system has been identified during a remote sensing appraisal. In several of these fields rig and furrow (also known as ridge and furrow) and evidence of former field boundaries can be observed. Rig and furrow marks are repetitive, parallel banks and ditches which remain as evidence of medieval and early post-medieval agricultural practices.

Transport corridors cross the landscape on a broadly east-west alignments and create a linear emphasis within the landscape. Some of these transport corridors are historic with the current B7076, for example, following the course of a Roman road. This roadway therefore predates much of the surrounding landscape as we see it today and it has shaped the development of it. Field patterns are arranged around the road with farmsteads and dwellings clustered along its length, forming the backbone of the landscape. The WCML is aligned to the north of the B7076, which was built by the Caledonian Railway Company in the mid-19th century and post-dates the planned enclosure and division of this landscape which took place in the 18th century. Consequently, the railway can be observed to cut through former field and farm boundaries. Little reorganisation of field patterns has been undertaken around the railway. The A74(M) is aligned to the south of the B7076 and was built in the 1970s. This has had the result of blocking historic access tracks and isolating the strip of farmland between the B7076 and the motorway which is 125m at its widest.



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Asset value Low

Magnitude of impact

Construction temporary	Medium adverse
Construction permanent	Medium adverse
Operation permanent	No change

Effect

Construction permanent	Minor adverse
Operation	Neutral

Commentary

The interest of the HLCA arises from the capacity of the landscape to demonstrate local trends. This includes how transport corridors have shaped the development of the landscape in an area located on a key transport route between England and Scotland since the Roman period. It also demonstrates the regimented form of laying out of 18th century planned estate farms. The Proposed Scheme will impact on a large area of the HLCA between the B7076 and the WCML. This will introduce new rail infrastructure, remove 18th century field boundaries and evidence of rig and furrow. This is in line with existing rail infrastructure but will impact the ability to understand the historic trends of the agricultural landscape.