



**Archaeological  
Research  
Services Ltd**

## **North West Rapid Coastal Zone Assessment (NWRCA)**

### **Updated Phase 1 Executive Summary**



The Chapterhouse and shoreline at Cockersand Abbey, Lancashire

**ARS Ltd Report 2011/42**  
May 2011

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## **1. Summary statement**

- 1.1 Between August 2007 and September 2009 Archaeological Research Services Ltd carried out, on behalf of English Heritage, a desk based rapid coastal zone assessment of the threat posed to heritage assets on the North West coast by rising sea level and consequential coastal erosion. The North West Rapid Coastal Zone Assessment, or NWRCZA, is one of a series of projects initiated by English Heritage around the coasts of England. The brief specifically required that the assessment be undertaken with reference to Defra's Shoreline Management Plans (SMPs). The area assessed, which extends from the Anglo-Welsh border in the Dee Estuary to the Anglo-Scottish border in the Solway Firth, falls within SMP Cell 11. At the time of writing the Phase 1 report the policy units and policy statements for SMP2 were only at a draft stage. The first phase of the SMPs was completed in the 1990s (SMP1) and the second phase study (SMP2) is currently being prepared for final publication. The policy areas and policy statements for SMP2 were finalised and published in December 2010 and have been used to compile this updated executive summary. The policy statements usually comprise either Hold The Line (HTL) or No Active Intervention (NAI), although Managed Realignment (MR) is also an option. HTL involves various mitigation strategies such as the construction of sea defences while NAI allows nature to take its course. Heritage assets may be considered to be under threat from mitigation strategies associated with HTL or MR and from coastal erosion where NAI is the adopted policy.
- 1.2 The NWRCZA study area consists of almost 900km of coastline between the Lowest Astronomical Tide (LAT) and 1km inland from Mean High Water Springs (MHWS). The review of the heritage assets has been based on a consideration of two data sets. The first consists of the Historic Environment Records (HERs) maintained by or for the Local Authorities with curatorial responsibilities for this section of the coast, namely Cheshire Archaeology Planning Advisory Service, Merseyside Archaeological Service, Lancashire County Council, Cumbria County Council and the Lake District National Park Authority. The second data set consists of the aerial photograph coverage of the study area from which all archaeological features visible have been mapped to the standards of English Heritage's National Mapping Programme. Within the context of the NWRCZA, this has been referred to as the Aerial Photograph Mapping Exercise (APM).
- 1.3 This document comprises the updated executive summary of the Phase 1 NWRCZA report, based upon the final, published SMP2 policy units and policy statements. The changes to the policy units and management options are summarised as follows:
- Hilbre Island (SMP Unit 11a5.11) - policy statement changed from To Be Confirmed to Hold the Line
  - Runcorn Bridge to Pickering Pasture (SMP Unit 11a7.7) - policy statement changed from To Be Confirmed to Hold the Line
  - SMP Units 11b3.1 – 3 were moved into SMP Unit 11c1. SMP Unit 11c1 therefore now comprises eight sub-units, rather than five and SMP Unit 11b3 no longer exists.

- Stanah to Cartford Bridge (south bank) and Cartford Bridge to Shard Bridge (north bank) (SMP Unit 11c1.5) – 50 and 100 year policy changed from No Active Intervention to Managed Realignment.
  - Lythe Bridge to Riverside Farm (SMP Unit 11c3.5) – 100 year policy changed from Managed Realignment to Hold the Line.
  - Overton Cattle Grid to Sunderland Point (SMP Unit 11c3.7) – 50 year option changed from Managed Realignment to Hold the Line. 100 year policy changed from Hold the Line to Managed Realignment
  - Sunderland Village to Potts Corner (draft SMP Unit 11c4.1) has been split into four separate sub-units, rather than it's original one
  - The 20 year policy for the Duddon Estuary (SMP Unit 11c16.8) has changed from Managed Realignment to Hold the Line. The 50 year and 100 year policies have been confirmed as Managed realignment.
  - Hodbarrow Nature Reserve (SMP Unit 11c16.12) has been renamed Hodbarrow Point to Haverigg (SMP Unit 11d1.1). Draft SMP Units 11d1.1-4 have been renamed 11d1.2-5.
  - The policy at Eskmeals Dunes (SMP Unit 11d2.2) has change from No Active Intervention to Managed Realignment.
  - The policy from Maryport Golf course to Allonby (SMP Unit 11e4.3) has changed from No Active Intervention to Managed Realignment.
  - The policy from Dubmill Point to Silloth (SMP Unit 11e5.1) has changed from No Active Intervention to Managed Realignment.
  - Policy statements for Moricambe Bay (SMP Units 11e7.3, 4, 5 and 7) have changed from No active Intervention to Managed Realignment.
  - Policy statements for Cardurnock to the Scottish Border (SMP Units 11e8.1-6, 8 and 9) have changed from No active Intervention to Managed Realignment.
- 1.4 In assessing the threat to heritage assets posed by sea level rise, major sites and groups of sites are discussed individually and the threats they face evaluated. Categories of more numerous types of site are also discussed but the issue of threat is dealt with in a series of tables in which the SMP policy unit is noted, the importance of individual sites and the degree of threat are rated as high, medium or low. Nearly 75% of the sites recorded in the APM date from the Second World War and consist of numerous categories of site such as pillboxes or anti-tank obstacles or ephemeral features such as minefields. These sites are listed in tables 2-7 and the relevant SMP policy unit noted. Many are no longer extant.
- 1.5 The NWRCZA study has established that many heritage assets in the coastal zone are under threat from rising sea level and/or the mitigation strategies proposed and also that a number of categories of asset are as yet poorly understood making an evaluation of the threat difficult
- 1.6 The following sources of information were consulted during the preparation of the Phase 1 study:
- Ordnance Survey modern mapping
  - Aerial photographic transcriptions produced for the project
  - Draft Shoreline Management Plan 2 documentation produced by Halcrow

- English Heritage's National Monument Record
- Historic Environment Records maintained by
  - Cheshire Archaeology Planning Advisory Service
  - Merseyside Archaeological Service
  - Lancashire County Council
  - Cumbria County Council
  - The Lake District National Park Authority
- Seazone bathymetry data
- British Geological Service geology data including bedrock, superficial and mass movement
- National Soils Research Institute soil data
- Historic cartography
- Published and unpublished textual sources

## **2. Criteria for assessing special interest of historic assets**

- 2.1 Planning Policy Statement 5 (PPS 5) and its accompanying guidelines state that being able to properly assess the nature, extent and significance of a heritage asset is important in order to make decisions in line with the objectives of the PPS. Additionally, understanding the level of importance of that significance is necessary as it provides the essential guide to how protective policies should be applied. This is fundamental to decision-making where there is unavoidable conflict with other planning objectives, such as mitigation against coastal erosion. The assessment has been based on the professional judgement of the project team with reference to the criteria set out in section 2.2 below. The different levels of special interest are defined as *High*, *Medium* and *Low* and no stipulation has been made for sites which either no longer exist or for which a field visit is required to assess the level of special interest.
- 2.2 The following criteria (which are not in any order of ranking), have been taken into account for assessing the special interest of the heritage assets present within the NWRCZA study area and are based on those found in Annex 1 of the DCMS guidelines for Scheduled Monuments (DCMS 2010). The criteria should not, however, be regarded as definitive; rather they are indicators which have contributed to the judgment given which is based on the individual circumstances of each site.
- **(i) *Period*:** all types of monuments that characterise a category or period should be considered for preservation.
  - **(ii) *Rarity*:** there are some monument categories which in certain periods are so scarce that all surviving examples which still retain some archaeological potential are of major importance. In general, however, a selection must be made which portrays the typical and commonplace as well as the rare. This process should take account of all aspects of the distribution of a particular class of monument, both in a national and a regional context.
  - **(iii) *Documentation*:** the significance of a monument may be enhanced by the existence of records of previous investigation or, in the case of more recent monuments, by the supporting evidence of contemporary written records.
  - **(iv) *Group Value*:** the value of a single monument (such as a field system) may be greatly enhanced by its association with related contemporary monuments (such as a settlement and cemetery) or with monuments of different periods.
  - **(v) *Survival/Condition*:** the survival of a monument's archaeological potential both above and below ground is a particularly important consideration and should be assessed in relation to its present condition and surviving features.
  - **(vi) *Fragility/Vulnerability*:** highly important archaeological evidence from some field monuments can be destroyed by a single ploughing, unsympathetic treatment or coastal erosion; sites may therefore be deemed of importance if they are particularly vulnerable to the effects of erosion.
  - **(vii) *Diversity*:** some monuments may be deemed of high special interest because they possess a combination of high quality features, others because of a single important attribute.
  - **(viii) *Potential*:** on occasion, the nature of the evidence cannot be specified precisely but it may still be possible to document reasons anticipating its existence and importance and so to demonstrate the justification suggesting the

site is of high importance. This is usually confined to sites rather than upstanding monuments.

- 2.2 Sites of high special interest are described in detail within Section 3 with specific reference to threats facing them. Sites of less interest or those for which a field visit is considered necessary are summarised within each SMP policy unit. A general description of the lesser special interest of these monument types is presented here rather than duplicating the information within each policy unit that holds the monument category.
- 2.3 Mesolithic and Neolithic activity is well documented along the North-West coast but the evidence consists mostly of **flint scatter** sites, although important residential sites have been noted at Williamson's Moss and the nearby Monk Moors I site, which lies just outside the boundary of the NWRCZA study zone. The flint scatters may comprise high proportions of primary and secondary flakes indicating the collection and processing of raw material, whilst others contain greater proportions of finished tools, often in lower densities, often indicative of coastal occupation. These sites can range from high special interest in the case of sites such as Williamson's Moss, to medium and low special interest.
- 2.4 **Round barrows** or **cairns** are the most numerous and principal type of Bronze Age monument found in the coastal zone. They consist of circular mounds of earth and stone and usually cover one or more burials which may be either inhumations or cremations or both. The mounds are usually surrounded by a ditch from which the material has been quarried. Where excavations have occurred, the mounds may overlie concentric rings of post holes which would originally have held timber uprights. In the coastal zone the mounds survive either as upstanding earthworks or, where denuded by ploughing, the surrounding ditches may show as cropmarks. They may occur singly or in groups and, if closely spaced, may be described as forming a cemetery. In the NWRCZA study area few round barrows have been identified and they are predominantly located in Cumbria. Their special interest varies but has been ascribed to either medium or low, unless specifically mentioned within the SMP Policy unit as being of high interest and where described as such the sites are usually Scheduled Ancient Monuments.
- 2.5 **Hillforts** usually consist of several concentric circuits of ditches surviving as cropmarks. Originally there were probably ramparts between the ditches but these have usually been levelled. In some cases timber palisades were employed instead of ramparts and some sites might have experienced more than a single phase of development, with palisades being replaced by ramparts. Depending upon their location, preservation, potential and other factors they are described as being of high or medium special interest.
- 2.6 The **farmstead enclosure** or **enclosed** settlement is the most widespread type of site of Iron Age and Roman-British date, usually formed by a bank and ditch and containing one or more hut circles. Generally rectilinear in plan these enclosures are regarded as an Iron Age phenomenon, although many remained in use into the Romano-British period and some may have originated then, emphasising the thread of continuity in the rural landscape. Farmstead enclosures rarely survive as upstanding monuments in the coastal zone and have mostly



been identified as cropmarks on aerial photographs. These site types are described as being of medium special interest.

- 2.7 Many villages in the North-West had their origins in the medieval period, either as planned developments by major lay or ecclesiastical landlords or as a result of organic growth around early centres. Those that did not survive or thrive into more recent times can be identified today as **deserted medieval villages (DMVs)**. These abandoned settlements usually survive as earthworks and are defined as being of medium special interest.
- 2.8 A major medieval and later industrial activity on the coast was the production of salt at various **saltworks** and **salterns**. As well as documentary references to this activity, physical traces survive in the form of the various salt mounds, such as at Crosscannonby. The evidence for salt-making mostly consists of mounds of debris in the case of 'sleeching' which involved the extraction of salt from salt marsh deposits, and documentary references to the existence of salt pans in which the brine was evaporated. These sites are of low special interest.
- 2.9 The construction of purpose built **lighthouses** began in the latter part of the 17th century and was undertaken by enterprising individuals. These sites are of medium and low interest, unless specifically mentioned with an SMP policy unit.
- 2.10 There are numerous **shipwrecks** lying off the coast of the study area, most of which date from the industrial period. In most cases the locations are not precisely defined and are recorded with a general NGR. All lie within the inter-tidal deposits and these sites are of unknown importance and at high risk of erosion.
- 2.11 The term **harbour** covers a wide range of structures from simple quay walls, through formally built **piers**, **docks**, and **jetties** some of which with gated access to mitigate the effects of tides. Whilst these sites are usually of medium or low special interest, with the exception of the World Heritage Site of the Liverpool docks, they are all at high risk of erosion, again with the exception of the Liverpool dock complex.
- 2.12 From the earliest times ships had simply been built at the head of the beach and launched over rollers down to the shoreline, but the increasing size of vessels and the industrialisation of the process led to the provision of purpose-built **shipyards**. A vast range of ancillary structures are also to be found in shipyards including sheds for timber storage, iron forges, ropewalks and chain lockers. These are of medium and low interest depending upon their age and location.
- 2.13 The processing of lime often took place on the coast, to facilitate onward transport by ship and **limekilns** are prominent features at a number of localities. Kilns for lime burning can be sub-divided into 'intermittent' or 'continuous' types. In the former case the kiln was charged with limestone, which was then burned and the resulting lime drawn down in a single episode. In the case of continuous kilns, they were charged and burned for weeks at a time. These sites are of medium and low special interest.

- 2.14 Coal and iron has been taken from **mines** from the Medieval period although those recorded here are all from the Industrial and modern periods, The surviving works lie underground and may be vulnerable to exposure as the cliff face erodes. They are therefore assessed as being of low interest.

### **3. A discussion of common site types found in the NWRCZA**

#### **3.1 The Palaeolithic**

There are no known Lower and Middle Palaeolithic sites from the North-West region, although there is good, if sparse, evidence of human activity in the region during the Late Upper Palaeolithic as well as palaeoenvironmental deposits from the Late Devensian period. Evidence for human activity comes from **cave** sites in the limestone region around southern Cumbria and north Lancashire. Two sites lie within the study area, at Kirkhead Cave and Kent's Bank Cavern, south of Grange-Over-Sands in Cumbria, however other significant sites such as Lindale Low Cave and Bart's Shelter, both in Cumbria, as well as Badger Hole, Lancashire are located within one kilometer of the edge of the study area.

#### **3.2 The Mesolithic**

The evidence for the Mesolithic in the area is influenced by the location of previous fieldwork, although there is good palaeoenvironmental evidence throughout the study zone. Evidence of Early Mesolithic, as well as Later Mesolithic, activity is proposed from **cave** sites such as Bart's Shelter, mentioned above, although close analysis and interpretation of most of these finds remain unpublished.

The discovery of **lithic scatters** is a common occurrence throughout lowland and upland England and the coastal fringes of the North-West are no exception, due to the occupation and use of the landscape by mobile populations for at least 6000 years. There is no widely accepted definition of what represents a lithic scatter. However within this project it has been assumed that where a record has been made of a flint scatter, lithic working site or similar, the density of flints is significant and therefore could be associated with buried archaeological features. The coastal zone would have been a resource rich area for hunter-gatherers. A type of site commonly encountered in such situations is the **midden**, an accumulation of food debris from an adjacent settlement, and often consisting mostly of shellfish remains but also including fish and animal bones. Middens can also be Neolithic in date, although their use may be multi-period. Middens have been recorded at Hilbre Island and on Walney Island.

#### **3.3 The Neolithic**

As with the Mesolithic period much of the Neolithic evidence for the study area is influenced by the location of specific fieldwork projects. Much of the material is known from **flint scatters**, a small number of which have been excavated, and many of the scatters are located around the 8m OD contour line, the height of the maximum marine transgression c. 3800 BC. Much of the fieldwork has been undertaken in Cumbria and excavated sites in the county, including Eskmeals, Williamsons Moss and Ehenside Tarn, give an indication of a form of Neolithic occupation sites characterized by repetitive use over long periods of time. Other excavations, for example Roose Quarry, which produced Early Neolithic pottery and leaf-shaped arrowheads, and Sandscale, which produced a small structure of postholes and pits associated with a Later Neolithic/Early Bronze Age lithic assemblage indicate more short term or transitory occupation sites. There is also tentative evidence of a **long barrow** at Haverbrack in Cumbria. These are usually a trapezoidal mound of earth and/or stone containing one or more chambers that acted as burial places and ritual centres for their builders.

### 3.4 The Bronze Age

There is evidence dating from the Bronze Age period within the study area, particularly in Cumbria. A number of **stone circles** are known from the area on the coastal fringes of Cumbria, generally of small diameter (less than 20m), where they still survive to their full extent, such as the concentric circle on Birkrigg Common on the Furness Peninsula. These monuments are regarded as ceremonial in function, although their purpose is open to interpretation and at some sites, of which Birkrigg is one, they were used for burial practices. Burial monuments comprise **round barrows** and **cremation cemeteries**. Round barrows are circular mounds of earth and stone covering one or more burials which may be either inhumations or cremations or both. **Clearance cairns** are very similar in form to the round barrow, comprising generally circular mounds of stone, which are thought to represent small cleared areas used for stock grazing. However there is large variety and longevity amongst these types of monument, and whilst some do contain burials, some are associated with more obvious field demarcation systems and some may well have been made through into the Post-Medieval period. A **burnt mound** is known from Drigg, Cumbria. These are mounds of burnt stone with an accumulation of ash and charcoal and some form of water holding trough nearby, usually interpreted as sweat lodges although they may also have been used as cooking sites.

### 3.5 Iron Age

There is an apparent lack of evidence of Iron Age archaeology in the North-West and settlement is subsequently poorly understood with a poor survival of material culture. There is one definite **hillfort** within the northern part of the study area. Hillforts are fortified enclosures, defined by earthworks surrounding hilltops and enclosing an area that is often heavily occupied with evidence of hut circles. Whilst there are a number of sites within the study area, generally known from aerial photographs that are described as enclosures of various forms, the lack of excavation and associated datable deposits or small finds makes the dating of such features tentative at best and they could easily belong to earlier or later periods. Whilst such features are generally regarded as Iron Age, it is known from elsewhere in the country that many were occupied into the Romano-British period and some may well have their origins within this period. Such sites represent mixed farming economies undertaking arable agriculture and livestock rearing. There are **enclosed settlements**, with associated field systems, located across much of the northern part of the study area.

### 3.6 Roman and Romano-British.

The Roman period is well documented within the study area, however there is an overwhelming emphasis on military sites, due to the nature of past research. As with the preceding Iron Age there is apparently little material culture and poor site visibility of archaeological remains outside the military sites and, where excavated, remains are often heavily truncated and ephemeral in nature. The World Heritage Site of **Hadrian's Wall** contains a wide range of military sites, from the large **forts**, through the milecastles, **turrets**, and **signal towers**. Most forts were built to a standard pattern to house units of between 500-1000 troops. Each consisted of an oblong enclosure about two hectares in extent with gates on each side and rounded corners, giving rise to a standard 'playing-card' shape. The interiors were occupied by barrack blocks and stores, with stables in the case of

cavalry units. Two important buildings lay in prominent places in the centre of each fort, a commander's house built on the lines of a civilian town house and a headquarters building from which the administration of the garrison was undertaken. Latrines were provided at suitable locations where the slope of the ground facilitated flushing. Bath blocks, which presented a fire hazard, were usually built outside the main area of the fort. Initially, these garrison forts were built of earth, turf and timber and the quantities required must have been considerable, while there was a continual demand for fuel for heating. By the 2nd century most of the forts which continued in use had been rebuilt in stone. In a short space of time most forts acquired civilian settlements outside their gates, the *vici* (sing. *vicus*).

In Cumbria Hadrian's Wall itself was initially built in turf, though it was later rebuilt in stone. Every Roman mile there were small **fortlets**, usually known as milecastles (although sometimes recorded in the HERs as milefortlets) and between each milecastle were two turrets. Although not part of the initial plan, from an early stage in the development of the system forts were added to the line of the wall at about 10 km intervals. To the south, the frontier zone was marked by the construction of the **vallum**, a deep flat bottomed ditch between parallel banks of upcast. The *vallum* is regarded more as a formal line of demarcation than a component in the defensive system. Nevertheless, it could only be crossed easily at a series of purpose built causeways protected by gates and giving access to each of the forts (Breeze and Dobson 2000). The signal towers were substantial stone structures and it is believed that their purpose was to provide warning of attack by raiders from the sea. To function effectively they would have needed to communicate both with inland defence forces and naval flotillas strategically positioned along the coast. One such naval base may have lain at Ravenglass.

As the initial Roman advance was made temporary **marching camps** were constructed by the digging of ditches and the throwing up of earthwork banks. These latter may have been surmounted by palisades which could have led to tree felling in the immediate vicinity though the legionaries may have carried timber stakes with them for this purpose.

It is thought the native population still lived in the same forms of **enclosed settlement** that they had occupied in the Iron Age, although as discussed above, the nature of native settlement in the Romano-British period is by no means clear.

A **bloomery** was a type of furnace once widely used for smelting iron from its oxides. They are so named because a bloom of Iron and Steel was produced as the ironstone never reached the melting point of Iron. A standard furnace would be a one metre high circular clay wall into which ironstone and charcoal were added at the top. A fire would be started at the base, air would be blown in to fan the fire and a liquid slag could be 'tapped' from the base of the furnace to run, like lava, before solidifying. The Iron bloom was removed by taking away part of the walls.

Roman **cemeteries** took the form of cremation burials in urns in the early part of the period, although there was a shift towards inhumation towards the latter part of the occupation.

### 3.7 Early Medieval

The early Medieval period is most clearly represented by the ecclesiastical establishments of the early church. Places of worship and monastic sites took a variety of forms including **churches**, **chapels**, **nunneries**, and **priories** and the archaeological record of such sites is varied. St Patrick's Chapel, at Heysham, is the best known example within the study area of an early Christian site and a small chapel on the headland was surrounded by a large graveyard and rock-cut graves. Elsewhere, early sites are known to have existed from the survival of **sculptural fragments**, usually **cross fragments**, although there are early burial monuments known as **hogback tombs** located within the study area.

### 3.8 Medieval

Several of the early Medieval monastic sites were refounded in the medieval periods as **abbeys** and **priories**, and examples are known throughout the coastal zone. Other places of worship, predominantly **churches** were also founded during the medieval period, either as new sites or as redevelopments of earlier Christian centres, as appears to have happened for example at St Michael's, Workington.

The principal military structures and monuments of the Medieval period are **castles**, **motte-and baileys**, **pele towers** and other **fortified houses**, as the wars with Norman invasion and centuries of warfare with Scotland saw the development of numerous defensive monuments. The Norman style motte-and-bailey, with its distinctive mound (motte) and palisaded enclosure (bailey) surrounding it, were superseded in later centuries as larger stone castles were built. The stone castles were usually built with a keep and perimeter walls, often surmounted by towers and were sited to protect the interests of surrounding landowners, such as Piel Castle, which was built for the monks of Furness Abbey. The principal manifestations of the years of unrest are the pele towers and other fortified houses, dating from the 15<sup>th</sup> and 16<sup>th</sup> centuries. These can be considered as small castles, usually consisting of a strongly defended tower of several floors surmounted by a battlemented parapet. Today they often stand alone but were more usually part of a complex of manorial buildings. Moated sites were another manifestation of the defended manorial dwelling, where the house and other buildings were defended by a wide moat, which may have been filled with water.

Many villages in the North-West had their origins in the medieval period, either as planned developments by major lay or ecclesiastical landlords or as a result of organic growth around early centres. Those that did not survive or thrive into more recent times can be identified today as **deserted medieval villages (DMVs)**. Traces of medieval agriculture, in the form of parcels of **ridge-and-furrow** are widespread in the coastal zone and throughout the region.

Medieval **ports** would have formed important early transport facilities for visiting shipping in the form of quays, jetties and staiths but the continued use of these facilities in later times has meant that few traces of their early form survive. **Fish**

**traps**, often built by monastic houses, survive in the inter-tidal zone and were formed of large earthen banks, usually revetted with timber, designed to funnel fish into nets for capture.

A major medieval industrial activity on the coast was the production of salt at various **saltworks**. As well as documentary references to this activity, physical traces survive in the form of the various salt mounds and in place-name evidence. The evidence for salt making mostly consists of mounds of debris in the case of 'sleeching' which involved the extraction of salt from salt marsh deposits, and documentary references to the existence of salt pans in which the brine was evaporated. **Bloomeries** also continued to manufacture iron.

### 3.9 Post-Medieval

The post-medieval sites and monuments fall into similar categories for those from the medieval period and there are similarities in the need for defensive sites, such as the fortified houses and castles, as warfare with Scotland continued until the Act of Union at the start of the 18<sup>th</sup> century and the Civil War during the 17<sup>th</sup> century. The major impact on the ecclesiastical landscape came with the Dissolution in the 16<sup>th</sup> century when the major religious houses of the region were stripped of their assets and allowed to fall into decay or to be used as quarries.

The term **port** covers a wide range of structures from simple **quay** walls, through formally built **piers** to **docks**. It was with the great expansion of industrial activity from the mid-18<sup>th</sup> century that the development of the shipping facilities of the North-West gathered pace. The need to export the products of the region, led to an exponential growth in the provision of harbour facilities and a comparable growth in shipbuilding. From the earliest times ships had simply been built at the head of the beach and launched over rollers down to the shoreline, but the increasing size of vessels and the industrialisation of the process led to the provision of purpose built **shipyards**. A vast range of ancillary structures were also to be found in shipyards including sheds for timber storage, iron forges, ropewalks and chain lockers.

The construction of purpose built **lighthouses** began around the latter part of the 17<sup>th</sup> century and was undertaken by enterprising individuals to protect their developing shipping empires trading from the developing ports at Liverpool and Whitehaven for example.

### 3.10 Industrial and Modern

The Industrial Revolution saw the development of the dock complexes of the North-West to serve a global market and the dock complex at Liverpool expanded to become one of the largest in the world. Details of the various docks within the North-West study area are discussed in greater detail within chapters 5 – 9 of the Phase 1 report.

There are numerous **shipwrecks** lying off the coast of the study area, most of which date from the industrial period, although it is possible that some are post-medieval in date. In most cases the locations are not precisely defined and are recorded with a general NGR. Located within the inter-tidal zone often all that

survives are the keel with a few spars and planks, held together by corroding metalwork.

Coal mining has had a decisive impact on parts of the landscape of the North-West region and, in the coastal zone, on the west Cumbrian coast in particular, where important examples of early **coal mines** are located. Although the mine itself is deep underground the pithead complexes often contain examples of early industrial practices and the shafts themselves can be exposed by coastal erosion, opening some of the workings to the air for the first time. **Iron mines** and **copper mines** also became an important industry for the North-West region although there are few examples from within the study zone. The development of **gunpowder works** in Cumbria also formed an important manufactured product for the area.

With the exception of the system of Roman defences, there was no systematic attempt to defend the coast until the 18<sup>th</sup> century with establishment of a series of **coastal batteries** at the emerging ports of Liverpool and Whitehaven. These batteries mounted muzzle loading cannons until breach loading ordinance was introduced in the late 19<sup>th</sup> century. In the late 18<sup>th</sup> century the threat of war with the French and attacks by American privateers such as John Paul Jones led to a renewed interest in coastal defence and in the provision of gun batteries to defend the major ports of the North-West coast. Throughout the 19<sup>th</sup> century, as threats waxed and waned, coastal defences were updated or mothballed. Major developments were stimulated either by improvements in weaponry, such as the move from muzzle loading cannons to breach loading guns or by the extension of the various port facilities the batteries were designed to protect.

The advent of the First World War saw the development of this defensive system and new batteries, such as the Hilpsford battery on Walney Island were created. Other surviving First World War features include **practice trenches** and **sound mirrors**, which were large reflective dishes in which Royal Observer Corps personnel sat, listening for the sounds of approaching zeppelins.

During the Second World War a range of offensive and defensive structures were created to prevent invasion and protect the shipping and infrastructure of the North-West region. The following accounts are mainly based on the details to be found in Brown *et al* (1996).

**Coastal batteries** were designed to fire on ships and landing craft. In many cases they were facilities recommissioned from the First World War (again Hilpsford battery is an example) and deployed the same calibre ordinance. Structures consisted of the gun emplacements themselves, now usually roofed over to provide protection from aerial attack, a Battery Observation Post (BOP), magazines, generator buildings, searchlight emplacements and accommodation for the gun crews. The whole might lie within a barbed wire perimeter defended by pillboxes and weapons pits.

By the end of 1941 aerial bombardment posed greatest threat. To combat this threat major installations and ports were provided with **anti-aircraft batteries**. The standard weapons deployed at these sites were 4.5 inch or the 3.7 inch guns. As initially built, batteries usually consisted of four emplacements arranged in a



‘clover-leaf’ arc around a battery command post with, occasionally, two additional emplacements set to one side or at either end of the arc. Other facilities included magazines, accommodation for the gun crews and a platform for a gun laying radar unit. The emplacements themselves can be of a variety of shapes and where more than one type is found on a site this might imply developments during the course of the war, the original 4.5 inch guns being replaced from 1943 onwards by improved 3.7 inch weapons.

Typically, **searchlight batteries** consisted of a circular earthwork 9m in diameter for a 90cm light, a predictor emplacement, a generator, accommodation for the detachment and at least one light anti-aircraft machine gun pit. Searchlight emplacements generally only survive as crop marks.

As well as anti-aircraft artillery major centres of population, industry and ports were protected by **barrage balloons**. These balloons were intended to make enemy aircraft fly higher, thus diminishing the accuracy of their bombing and divert them towards the air-aircraft batteries. From the APM exercise transcriptions these sites can be seen to consist of a series of concentric rings for the tethering of the balloon itself and for anchoring the lines that extended below it to deter under flying. It is unlikely that any trace will survive to the present day.

As an alternative to engaging enemy aircraft or forcing them to fly higher, attempts were made to divert their attention through the use of **bombing decoys**. These were ground installations configured in such a way as to confuse enemy pilots and encourage them to waste their bomb load on meaningless targets. Two types were regularly deployed. ‘QF’ sites were established to provide mock fires to give the impression that the area had already been attacked while ‘QL’ sites attempted to simulate street lighting, marshalling yards and dock facilities. A detailed study of decoys has been made by Dobinson (2000).

As a last resort the civilian population and military personnel could retreat to purpose built **air-raid shelters** of which several types were built including trench shelters for multiple occupancy and the famous *Anderson* shelters erected semi-sunken in thousands of back gardens.

Once an enemy was on the beach the heavy calibre weapons of the coastal defence batteries were of little use and responsibility fell to **beach defence batteries** to hold the beach and prevent an incursion inland. The weapons deployed often consisted of a single 3 pdr or 6 pdr anti-tank guns in a concrete pillbox or earthwork emplacement.

Concrete **pillboxes** are the most familiar defensive structure encountered on the coast. They are the classic example of a protected position from which troops could engage the enemy, and a number of different types can be identified. They were either sited tactically to command a particular point of vulnerability or in groups as part of a wider system. Most notable of the latter are the pillboxes on strategically sited Stop-Lines. Hundreds of pillboxes are recorded in the NWRCZA study area and many survive to the present day. A comprehensive study of these features lies beyond the scope of the present project and the existence of most pillboxes is simply noted in tabular form.

Lines of concrete blocks are the most commonly encountered **anti-tank obstacles**, though ditches and solid walls pierced with embrasures were also deployed. During the war these were supplemented by **beach scaffolding** and **minefields**. These latter defences were cleared once the threat of invasion had passed, though they can often be identified on wartime aerial photographs.

Added to the threat of a sea borne invasion the possibility of an enemy arriving by air, either by parachute or the landing of troop carrying gliders, had to be considered. The latter concern was addressed by the construction of **anti-glider obstacles** at likely landing sites. These consisted of lines of concrete blocks similar to anti-tank obstacles but incorporated within a system of earthwork ditches and banks. The simplest variety consisted of single or parallel lines of obstacles up to 150m long and 10m wide. When set in groups, they were about 100m apart. Variations on this arrangement include discrete segments and sections with a 'dog-leg' bend in the middle. A more complex variety consisted of an arrangement of intersecting obstacles forming a regular lattice pattern, the lattice being about 150m square. A third system consisted of a combination of simple and lattice arrangements but also incorporated enhanced natural features.

#### **4. Historic assets of special interest by SMP unit**

- 4.1 Almost all of the SMP units contain at least one feature related to World War II defensive activity and these details are not summarised within the text but can be found in the tables. Details of all the sites, listed by SMP policy unit, with associated HER or NMR number can also be found in section 6. The data in the 'Special Interest' and 'Risk' columns are based upon our professional judgement which has been guided by the criteria for assessing the importance of archaeological sites as outlined above. Where these cells are left blank, mainly in the case of shipwrecks and WWII anti-invasion features, it is felt a field visit is necessary before either the importance or risk can be determined. Sites known to have been destroyed are marked n/a. It should be noted that the preferred scenario for the policy units is presently at a draft stage. Figures 1-5 show the locations of blocks 1-5 and SMP 2 policy units indicating the preferred option for the next 20 years. The policy options for the next 50 and 100 years are presented in Table 1.

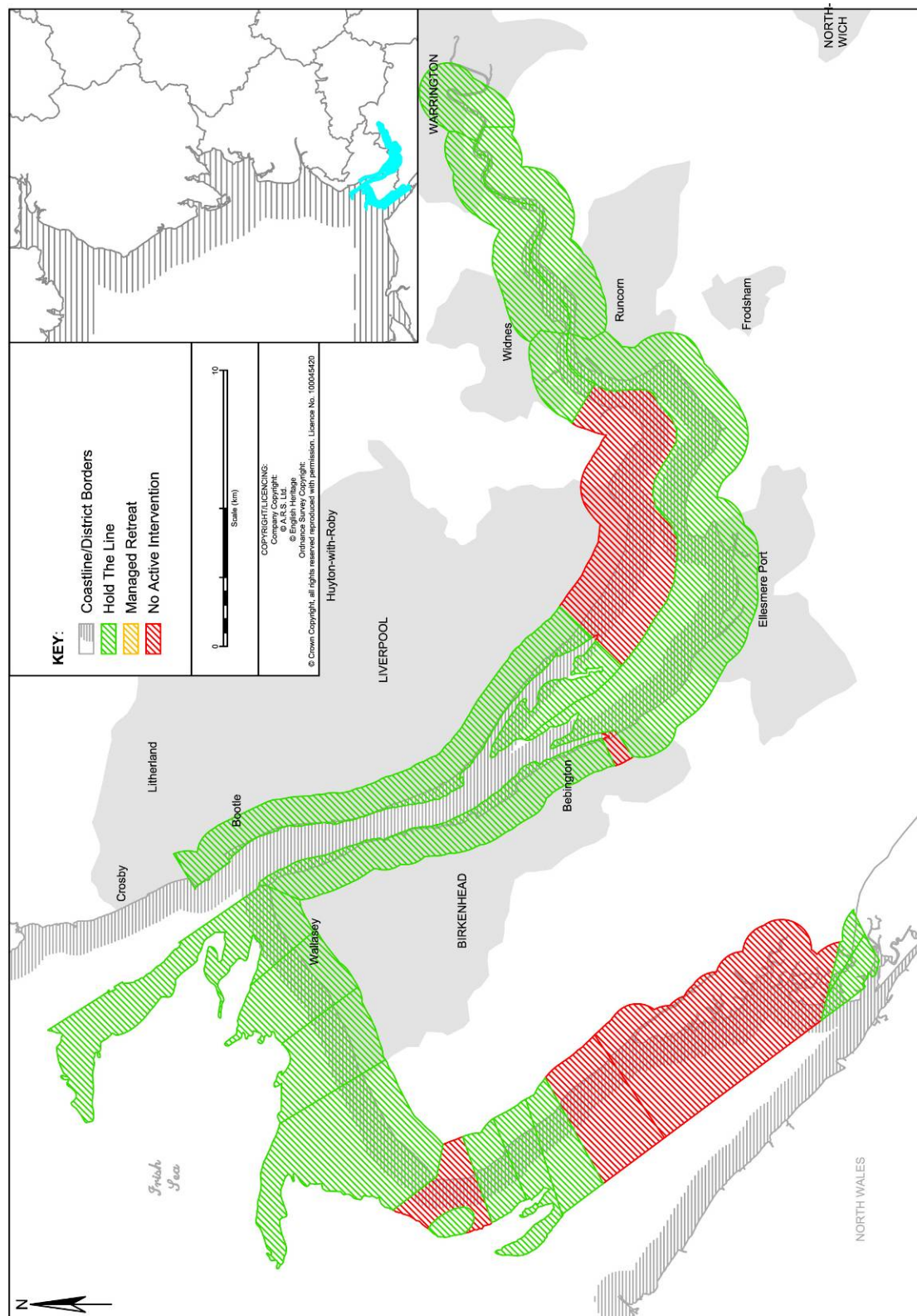


Figure 1: Location of Block 1 and SMP 2 policy units indicating policy option for the next 20 years

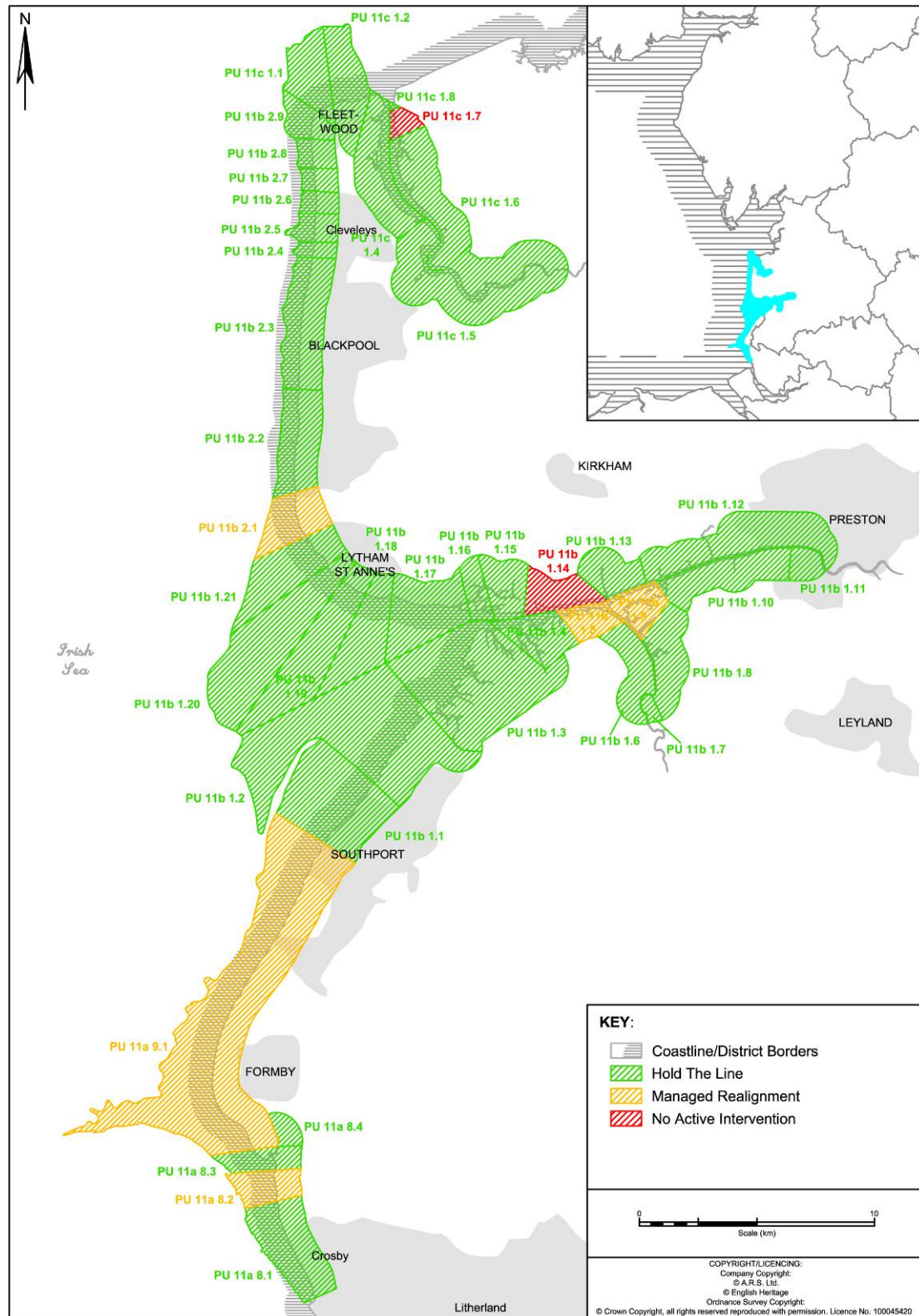


Figure 2: Location of Block 2 and SMP 2 policy units indicating policy option for the next 20 years



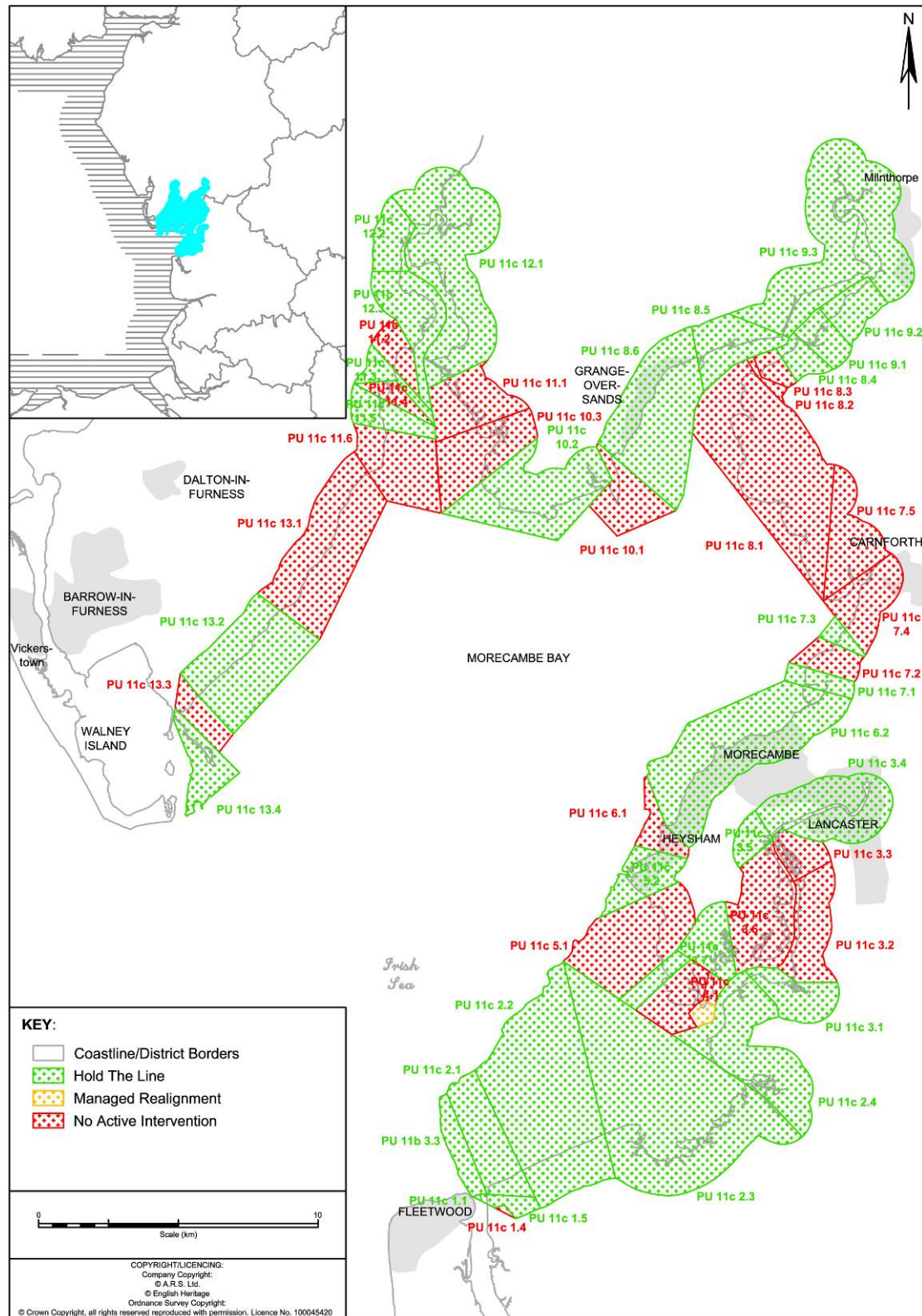


Figure 3: Location of Block 3 and SMP 2 policy units indicating policy option for the next 20 years

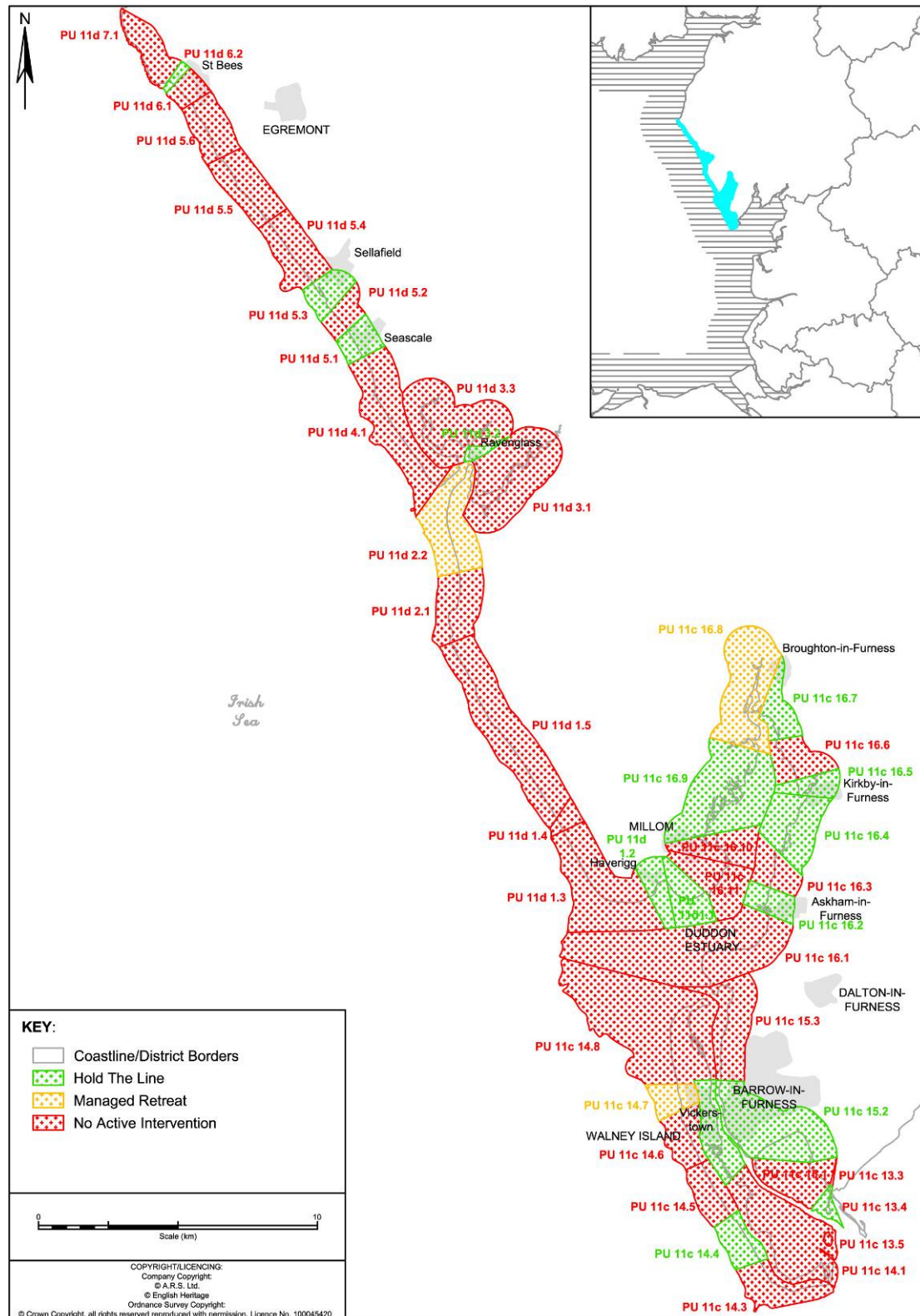


Figure 4: Location of Block 4 and SMP 2 policy units indicating policy option for the next 20 years

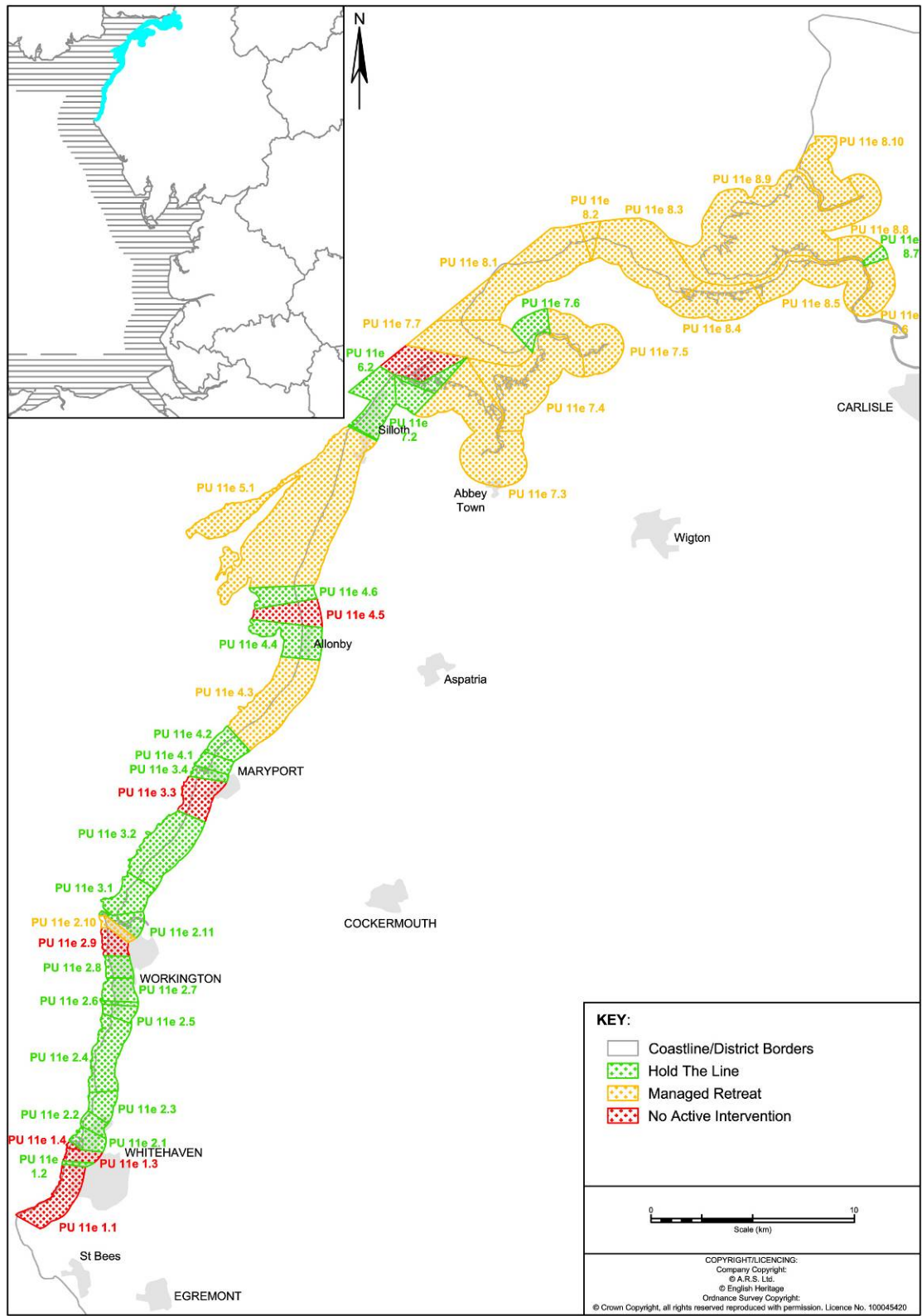


Figure 5: Location of Block 5 and SMP 2 policy units indicating policy option for the next 20 years

Table 1: SMP2 Policy Unit locations, numbers and policies for three different time intervals



General Policy Unit Area	Specific Policy Unit Location	SMP Policy Unit	Preferred Scenario		
			0-20 years	20-50 years	50-100 years
Dee Estuary	Flint Marsh to Chester Weir to Sealand Rifle Range (Inner Dee Estuary, both banks)	11a 5.3	HTL	HTL	HTL
	Sealand Rifle Range to Burton Point	11a 5.4	HTL	MR	MR
	Burton Point to Thurstaston Cliffs	11a 5.5	NAI	NAI	NAI
	Thurstaston Cliffs	11a 5.6	NAI	NAI	NAI
	Thurstaston Slipway to Croft Drive, Caldy	11a 5.7	HTL	NAI	NAI
	Croft Drive Caldy to West Kirby Marine Lake	11a 5.8	HTL	HTL	NAI
	West Kirby Marine Lake to Royal Liverpool Golf Club	11a 5.9	HTL	HTL	HTL
	Royal Liverpool Golf Club to Hilbre Point	11a 5.10	NAI	NAI	NAI
	Hilbre Island	11a 5.11	HTL	HTL	HTL
Wirral	Hilbre Point to Wallasey Embankment	11a 6.1	HTL	HTL	HTL
	Wallasey Embankment	11a 6.2	HTL	HTL	HTL
	Wallasey Embankment to Harrison Groyne	11a 6.3	HTL	HTL	MR
	Harrison Groyne to Perch Rock	11a 6.4	HTL	HTL	HTL
Mersey Estuary	Perch Rock to Riverwood Road/Eastham Park (south/left bank)	11a 7.1	HTL	HTL	HTL
	Riverwood Road/Eastham Park to Eastham Ferry	11a 7.2	NAI	NAI	NAI
	Eastham Ferry to Runcorn Bridge (south bank)	11a 7.3	HTL	HTL	HTL
	Runcorn Bridge to Arpley Landfill Site (Upper Mersey Estuary south bank)	11a 7.4	HTL	MR	MR
	Arpley Landfill Site (south bank) to SMP Boundary to west of Sewage Works (north bank)	11a 7.5	HTL	HTL	HTL
	Sewage Works to Runcorn Bridge (Upper Mersey Estuary north bank)	11a 7.6	HTL	MR	MR
	Runcorn Bridge to Pickerings Pasture	11a 7.7	HTL	HTL	HTL
	Pickerings Pasture to Garston Industrial Estate	11a 7.8	NAI	NAI	NAI
	Garston Industrial Estate to Seaforth	11a 7.9	HTL	HTL	HTL
Seaforth to	Seaforth to MEPAS	11a 8.1	HTL	HTL	HTL

the River Alt	Pumping Station		Preferred Scenario		
the River Alt	MEPAS Pumping Station to Hightown	11a 8.2	MR	MR	MR
	Hightown to mouth of the River Alt (east bank)	11a 8.3	HTL	HTL	HTL
	River Alt mouth (east and west banks) to the Alt Pumping Station	11a 8.4	HTL	HTL	HTL
Formby Dunes	Mouth of the River Alt (west bank) to Weld Road, Southport (Formby Dune System)	11a 9.1	MR	MR	MR
Ribble Estuary	Weld Road to Fairways (Southport)	11b 1.1	HTL	HTL	HTL
	Fairways to Crossens Pumping Station	11b 1.2	HTL	HTL	HTL
	Crossens Pumping Station to Hesketh Out Marsh West (Hundred End Gutter)	11b 1.3	HTL	HTL	MR
	Hesketh Outmarsh West	11b 1.4	HTL	HTL	MR
	Hesketh Outmarsh East	11b 1.5	MR	HTL	HTL
	Hesketh Outmarsh East to White Bridge, Rufford (River Douglas left bank)	11b 1.6	HTL	HTL	MR
	White Bridge, Rufford, to Old Railway Embankment, Much Hoole Marsh House (River Douglas right bank)	11b 1.7	HTL	HTL	MR
	Old Railway Embankment, Much Hoole Marsh House to Hutton Marsh (Pilots Cottage)	11b 1.8	HTL	HTL	MR
	Hutton Marsh	11b 1.9	MR	HTL	MR
	Hutton Marsh to Penwortham Golf Course	11b 1.10	HTL	MR	HTL
	Penwortham Golf Course to Penwortham Bridge	11b 1.11	HTL	HTL	HTL
	Penwortham Bridge to Freckleton Marsh (west end of Sewage Works)	11b 1.12	HTL	HTL	HTL
	Freckleton Marsh (west end of Sewage Works) to Naze Point	11b 1.13	HTL	HTL	MR
	Naze Point to Warton Bank	11b 1.14	NAI	NAI	NAI
	Warton Bank to Lytham Dock	11b 1.15	HTL	HTL	HTL
	Lytham Dock to Land Registry	11b 1.16	HTL	HTL	HTL
	Lytham Land Registry to Fairhaven Lake	11b 1.17	HTL	HTL	HTL
	Fairhaven Lake	11b 1.18	HTL	HTL	HTL
	Fairhaven Lake to	11b 1.19	HTL	HTL	HTL

			Preferred Scenario		
	Miniature Golf Course				
	Miniature Golf Course to St Anne's Pier	11b 1.20	HTL	HTL	HTL
	St Annes's Pier to St Annes' Northern Boundary	11b 1.21	HTL	HTL	HTL
St Annes to Rossall Point	St Annes (northern boundary) to Squires Gate	11b 2.1	MR	HTL	HTL
	Squires Gate to Blackpool Tower	11b 2.2	HTL	HTL	HTL
	Blackpool Tower to Anchorsholme Park	11b 2.3	HTL	HTL	HTL
	Anchorsholme Park	11b 2.4	HTL	HTL	HTL
	Anchorsholme Park to Jubilee Gardens	11b 2.5	HTL	HTL	HTL
	Jubilee Gardens to Five Bar Gate	11b 2.6	HTL	HTL	HTL
	Five Bar Gate to Rossall Hospital (Rossall School)	11b 2.7	HTL	HTL	HTL
	Rossall Hospital to Chatsworth Avenue	11b 2.8	HTL	HTL	HTL
	Chatsworth Avenue to Rossall Point	11b 2.9	HTL	HTL	HTL
Fleetwood and the Wyre Estuary	Rossall Point to Marine Lake (east)	11c 1.1	HTL	HTL	HTL
	Marine Lake to Fleetwood Pier	11c 1.2	HTL	HTL	HTL
	Fleetwood Pier to Fleetwood Ferry	11c 1.3	HTL	HTL	HTL
	Fleetwood to Stanah	11c 1.4	HTL	HTL	HTL
	Stanah to Cartford Bridge (south bank) and Cartford Bridge to Shard Bridge (north bank)	11c 1.5	HTL	MR	MR
	Shard Road (A588) to Golf Course	11c 1.6	HTL	HTL	HTL
	Knott End Golf Course	11c 1.7	NAI	NAI	NAI
	Golf course to Knott End on Sea	11c 1.8	HTL	HTL	HTL
Knott End to Plover Scar	Knott End on Sea	11c 2.1	HTL	HTL	HTL
	Knott End to Fluke Hall	11c 2.2	HTL	HTL	HTL
	Fluke Hall to Cocker Bridge	11c 2.3	HTL	MR	HTL
	Cocker Bridge to Glasson Dock	11c 2.4	HTL	MR	MR
Lune Estuary	Glasson Dock to Condor Green Farm	11c 3.1	HTL	HTL	HTL
	Conder Green Farm to Aldcliffe	11c 3.2	NAI	NAI	NAI
	Aldcliffe to Freemans Wood (Aldcliffe Marsh)	11c 3.3	NAI	NAI	NAI
	Freemans Wood to Skerton Weir (east bank) and Skerton Weir to Lythe Bridge (west bank)	11c 3.4	HTL	HTL	HTL
	Lythe Bridge to Riverside Farm	11c 3.5	HTL	MR	HTL

			Preferred Scenario		
	Riverside Farm to Overton Cattle Grid	11c 3.6	NAI	NAI	NAI
	Overton Cattle Grid to Sunderland Village	11c 3.7	HTL	HTL	MR
Sunderland Village to Potts Corner	Sunderland Village	11c 4.1	NAI	NAI	NAI
	Sunderland Point	11c 4.2	MR	MR	MR
	Sunderland Point to the secondary embankment	11c 4.3	NAI	NAI	NAI
	Secondary Embankment to Potts Corner	11c 4.4	HTL	HTL	HTL
Potts Corner to Heysham Dock	Potts Corner to Heysham Power Station	11c 5.1	NAI	NAI	NAI
	Heysham Power Station and Heysham Dock	11c 5.2	HTL	HTL	HTL
Heysham to Hest Bank	South End of Halfmoon Bay to Chapel Hill (Lower Heysham)	11c 6.1	NAI	NAI	NAI
	Chapel Hill to Hest Bank (Morecambe)	11c 6.2	HTL	HTL	HTL
Hest Bank to Heald Brow	Hest Bank to Sewage Works	11c 7.1	HTL	MR	HTL
	Sewage Works to Red Bank Farm	11c 7.2	NAI	NAI	NAI
	Red Bank Farm to Bolton-le-Sands Caravan Park	11c 7.3	HTL	MR	HTL
	Bolton-le-Sands Caravan Park to River Keer	11c 7.4	NAI	NAI	NAI
	River Keer to Heald Brow	11c 7.5	NAI	NAI	NAI
Heald Brow to Humphrey Head	Heald Brow to Frith Wood	11c 8.1	NAI	NAI	NAI
	New Barns	11c 8.2	NAI	NAI	NAI
	Grubbins Wood (New Barns to Ash Meadow)	11c 8.3	NAI	NAI	NAI
	Ash Meadow to the Kent Viaduct (Arnside)	11c 8.4	HTL	HTL	HTL
	Kent Viaduct to Holme Island	11c 8.5	HTL	HTL	HTL
	Holme Island to Humphrey Head	11c 8.6	HTL	HTL	HTL
Kent Estuary	Kent Viaduct to Dick Fell Road (Sandside)	11c 9.1	HTL	MR	MR
	Sandside (Dick Fell Road to Hollins Well Road)	11c 9.2	HTL	HTL	HTL
	Hollins Well Road north to Levens Bridge (east bank) and Levens Bridge to Kent Viaduct (west bank)	11c 9.3	HTL	MR	MR
Humphrey Head to Cark	Humphrey Head	11c 10.1	NAI	NAI	NAI
	Humphrey Head to Cowpren Point	11c 10.2	HTL	MR	MR
	Cowpren Point to Cark	11c 10.3	NAI	NAI	NAI
Outer Leven Estuary	Cark to Leven Viaduct	11c 11.1	NAI	NAI	NAI
	Leven Viaduct to Canal Foot Cottages	11c 11.2	NAI	NAI	NAI

			Preferred Scenario		
	Canal Foot	11c 11.3	HTL	HTL	HTL
	Glaxo Factory Site (south)	11c 11.4	NAI	NAI	NAI
	Sandhall to Conishead Priory	11c 11.5	HTL	MR	MR
	Conishead Priory to Bardsea	11c 11.6	NAI	NAI	NAI
Leven Estuary	Leven Viaduct to Haverthwaite (left bank) and Haverthwaite to Greenodd (right bank)	11c 12.1	HTL	MR	NAI
	Greenodd to Barrow End Rocks (A590)	11c 12.2	HTL	HTL	HTL
	Barrow End Rocks (A590) to Leven Viaduct	11c 12.3	HTL	MR	NAI
Bardsea to Piel Island	Bardsea to Newbiggin	11c 13.1	NAI	NAI	NAI
	Newbiggin to Rampside	11c 13.2	HTL	MR	HTL
	Rampside	11c 13.3	NAI	HTL	HTL
	Roa Island	11c 13.4	HTL	HTL	HTL
	Piel Island	11c 13.5	NAI	NAI	NAI
Walney Island	South End Hawes to Biggar (east side)	11c 14.1	NAI	NAI	NAI
	Biggar to Lenny Hill (east side)	11c 14.2	HTL	HTL	HTL
	South End Hawes to Hare Hill (open coast)	11c 14.3	NAI	NAI	NAI
	Hare Hill to Hillock Whins	11c 14.4	HTL	HTL	HTL
	Hillock Whins to Nanny Point Scar	11c 14.5	NAI	MR	MR
	Nanny Point Scar to Mill Scar	11c 14.6	NAI	NAI	NAI
	Mill Scar to north of West Shore Park	11c 14.7	MR	MR	MR
	North Walney - from north of West Shore Park to Lenny Hill (both coasts)	11c 14.8	NAI	NAI	NAI
Walney Channel (Mainland)	Rampside to Westfield Point	11c 15.1	NAI	NAI	NAI
	Westfield Point to Hindpool (Barrow in Furness)	11c 15.2	HTL	HTL	HTL
	Hindpool to Lowsy Point	11c 15.3	NAI	NAI	NAI
Duddon Estuary	Lowsy Point to Askam Pier	11c 16.1	NAI	NAI	NAI
	Askam-in-Furness (including Askam Pier)	11c 16.2	HTL	HTL	HTL
	Askam to Dunnerholme	11c 16.3	NAI	NAI	NAI
	Dunnerholme to Sand Side	11c 16.4	HTL	HTL	HTL
	Kirkby-in-Furness	11c 16.5	HTL	HTL	HTL
	Herdhouse Moss	11c 16.6	NAI	NAI	NAI
	Galloper Pool to Viaduct	11c 16.7	HTL	HTL	HTL
	Duddon Estuary (both banks upstream of Viaduct and right bank	11c 16.8	HTL	MR	MR

			Preferred Scenario		
	south to Green Road Station)				
	Millom Marshes	11c 16.9	HTL	MR	MR
	Red Hills (industrial area)	11c 16.10	NAI	NAI	NAI
	Hodbarrow Mains	11c 16.11	NAI	MR	NAI
Haverigg to Selker	Hodbarrow Point to Haverigg	11d 1.1	N'TL	MR	HTL
	Haverigg	11d 1.2	HTL	HTL	HTL
	Haverigg to Hartrees Hill	11d 1.3	NAI	NAI	NAI
	Silecroft (Hartrees Hill)	11d 1.4	NAI	NAI	NAI
	Hartrees Hill to Selker	11d 1.5	NAI	NAI	NAI
Selker to Eskmeals	Selker to Eskmeals Range	11d 2.1	NAI	NAI	NAI
	Eskmeals Dunes	11d 2.2	MR	MR	MR
Ravenglass Estuary Complex	Eskmeals Dunes to Ravenglass including River Esk to Muncaster Bridge SMP Boundary	11d 3.1	NAI	NAI	NAI
	Ravenglass	11d 3.2	HTL	HTL	HTL
	Ravenglass to Drigg Point including River Mite to Muncaster Mill and River Irt to Drigg Holme	11d 3.3	NAI	NAI	NAI
Drigg Point to Seascale	Drigg Point to Seascale	11d 4.1	NAI	NAI	NAI
Seascale to St Bees	Seascale	11d 5.1	HTL	HTL	HTL
	Seascale to Sellafield	11d 5.2	NAI	NAI	NAI
	Sellafield	11d 5.3	HTL	HTL	HTL
	Sellafield to Braystones	11d 5.4	NAI	NAI	NAI
	Braystones, Nethertown and Couderton	11d 5.5	NAI	NAI	NAI
	Couderton to Seamill	11d 5.6	NAI	NAI	NAI
	Seamill to Pow Beck	11d 5.7	HTL	HTL	HTL
St Bees	Pow Beck to St Bees Promenade	11d 6.1	NAI	NAI	NAI
	St Bees Promenade	11d 6.2	HTL	HTL	MR
St Bees Head	St Bees Head	11d 7.1	NAI	NAI	NAI
St Bees to Whitehaven	St Bees Head to Saltom Pit	11e 1.1	NAI	NAI	NAI
	Saltom Pit	11e 1.2	HTL	HTL	NAI
	Saltom Pit to Whitehaven	11e 1.3	NAI	NAI	NAI
	Whitehaven South Beach	11e 1.4	NAI	NAI	NAI
Whitehaven to Workington	Whitehaven Harbour and North Beach	11e 2.1	HTL	HTL	HTL
	Bransty to Parton	11e 2.2	HTL	HTL	HTL
	Parton	11e 2.3	HTL	HTL	HTL
	Parton to Harrington Parks	11e 2.4	HTL	HTL	HTL
	Harrington Parks to Harrington Harbour	11e 2.5	HTL	NAI	NAI
	Harrington Harbour	11e 2.6	HTL	HTL	HTL
	Harrington to Steel Works Site	11e 2.7	HTL	HTL	HTL
	Steel Works Site	11e 2.8	HTL	HTL	HTL

			Preferred Scenario		
	Steel Works to The Howe	11e 2.9	NAI	NAI	NAI
	The Howe to Workington Harbour South Breakwater	11e 2.10	MR	MR	MR
	Workington Harbour	11e 2.11	HTL	HTL	HTL
Workington to Maryport	Workington Harbour to Siddick	11e 3.1	HTL	MR	MR
	Siddick to Risehow	11e 3.2	HTL	HTL	HTL
	Risehow to Maryport Marina	11e 3.3	NAI	NAI	NAI
	Maryport Harbour/Marina	11e 3.4	HTL	HTL	HTL
Maryport to Dubmill Point	Maryport Harbour to Roman Fort	11e 4.1	HTL	HTL	HTL
	Roman Fort to Bank End (Maryport Promenade)	11e 4.2	HTL	NAI	NAI
	Maryport Golf Course to Allonby	11e 4.3	MR	MR	MR
	Allonby	11e 4.4	HTL	HTL	HTL
	Allonby to Seacroft Farm	11e 4.5	NAI	NAI	NAI
	Seacroft Farm to Dubmill Point	11e 4.6	HTL	NAI	NAI
Dubmill Point to Silloth	Dubmill Point to Silloth	11e 5.1	MR	MR	MR
Silloth to The Grune	Silloth Harbour	11e 6.1	HTL	HTL	HTL
	Silloth to Skinburness (open coast)	11e 6.2	HTL	HTL	HTL
	The Grune	11e 6.3	NAI	NAI	NAI
Moricambe Bay	Skinburness (east)	11e 7.1	HTL	HTL	HTL
	Skinburness to Wath Farm	11e 7.2	HTL	MR	HTL
	Wath Farm to Saltcoates including Waver to Brownrigg	11e 7.3	MR	MR	MR
	Newton Marsh	11e 7.4	MR	MR	MR
	Newton Marsh to Anthorn including Wampool to NTL	11e 7.5	MR	MR	MR
	Anthorn	11e 7.6	HTL	HTL	HTL
	Anthorn to Cardurnock	11e 7.7	MR	MR	MR
Cardurnock to Scottish Border	Cardurnock to Bowness-on-Solway	11e 8.1	MR	MR	MR
	Bowness-on-Solway	11e 8.2	MR	MR	MR
	Bowness-on-Solway to Drumburgh	11e 8.3	MR	MR	MR
	Drumburgh to Dykesfield	11e 8.4	MR	MR	MR
	Dykesfield to NTL Kingsmoor (Eden)	11e 8.5	MR	MR	MR
	NTL Kingsmoor (Eden) to Rockliffe	11e 8.6	MR	MR	MR
	Rockliffe	11e 8.7	HTL	HTL	HTL
	Rockliffe to Demesne Farm	11e 8.8	MR	MR	MR
	Demesne Farm to Metal	11e 8.9	MR	MR	MR

			<b>Preferred Scenario</b>		
	Bridge (Esk)				
	Metal Bridge (Esk) to the River Sark	11e 8.10	MR	MR	HTL

NAI: No Active Intervention

HTL: Hold The Line

MR: Managed Realignment



5. **SMP2 Policy Units: summary statements referring to those sites considered of most significance**
- 5.1 **Policy unit 11a5.5** contains a submarine forest, a colliery, three quays, a ferry terminal, a radio telegraphy station, a bombing decoy, two lime kilns, a mill, three farms, a tithe barn and a church.
- 5.2 **Policy unit 11a5.6** contains a hamlet, a lime kiln and an anti-aircraft battery.
- 5.3 **Policy unit 11a5.7** contains two lime kilns and a jetty.
- 5.4 **Policy unit 11a5.8** contains two submarine forests, an iron working site, two farms, a barn, a windmill, and a tower.
- 5.5 **Policy unit 11a5.9** contains a Bronze Age burial site at Grove Hill (SJ 2195 8690; HER 2186-023 M), three lithic working sites, a church and associated churchyard. The church is St Bridget's Church in West Kirby (SJ 2179 8642; NMR ; HER 2186-001 M). The churchyard is curvilinear in shape and therefore thought to be from an early date. Sculptured stones including the fragments of four separate crosses were found when an earlier church was demolished in 1869. There is also a distinctive Viking period Hogback tombstone, within the churchyard carved in grey sandstone, which probably dates to the 11<sup>th</sup> Century AD.
- 5.6 **Policy unit 11a5.10** contains two middens, a cairn, an inhumation and six farms.
- 5.7 **Policy unit 11a5.11** contains two burials, two middens, a monastic dwelling, a graveslab, a windmill, a chapel, a cemetery, a saltworks, a tramway, a barn, a telegraph station, a signalling structure, a military base, a lifeboat station, a gunpost, a beacon and an air raid shelter. The Pre-Conquest Chapel, annexed to West Kirby, is located on Hilbre Island (SJ 1844 8796; HER 1887-001 M) where 'Anglo-Saxons were present from an early period'. This is associated with a Cemetery (HER 1887-027 M), a graveslab (HER 1887-017 M) of 10<sup>th</sup> or 11<sup>th</sup> Century AD date and an early cross head (HER 1887-019) which possibly indicates the development of a pilgrimage site. There is also documentary evidence for a monastic cell dedicated to St Hildeburgh (from whom the Island gets its name) known to have existed by 1081 AD.
- 5.8 **Policy unit 11a6.1** contains a lithic working site, a cremation, an occupation site, a submarine forest, three churches, seven farms, two lighthouses, two lifeboat stations, a coastguard station, a vicarage and a sound mirror. The lithic working site is at Red Rocks off Hilbre Point (SJ 203 884; HER 2008-001 M) on the north-west tip of the Wirral. Excavation in 1914 produced 'some pieces that have Mesolithic blade and blade-core affinities'. This site, based on raw material affinities with lithics recovered from Greasby, is possibly of early Mesolithic date. Mesolithic material has also been recovered from the vicinity of the now eroded Dove Point (SJ 231906; HER 2390-001 M) during the 19<sup>th</sup> century. Finds include an obliquely-blunted point, a notched blade, a 'rough scraper' and flakes. The later Mesolithic finds or sites of the north Wirral coast are closely associated with palaeoenvironmental deposits, known as the Lower Peat/Forest Bed (SJ 236908 to 266922; HER 2692-001 M) and the Upper Peat/Forest Bed (UPFB), separated

by a layer of clays and silts known as the Leasowe Marine Beds. The Lower Peat/Forest Bed is dated to 5490-5245 cal BC ( $6420 \pm 60$  BP; SRR-1494).

- 5.9 **Policy unit 11a6.2** contains an inhumation, a fortification, a farm, a farmhouse and a lighthouse.
- 5.10 **Policy unit 11a6.3** contains a flint scatter, a submarine forest, two fortifications, a searchlight battery and an anti-aircraft battery.
- 5.11 **Policy unit 11a6.4** contains a lithic working site, an occupation site, a church, a vicarage, a religious house, a lighthouse, a beacon, an anti-aircraft battery and a water supply site. ). The lithic working site, at Red Noses, New Brighton (SJ 2996 9407; HER 2994-001 M) lies on the north-east tip of the Wirral. Two obliquely-blunted microliths, are reported to have been discovered. These were found with other lithic material, not necessarily of Mesolithic date. The obliquely-blunted microliths are also thought to be early Mesolithic in date.
- 5.12 **Policy unit 11a7.1** contains bridges, a battlefield, drawbridges, earthworks, five farms, a number of industrial sites, churches and priories and archaeological sites from WWII. The battlefield at Bromborough (SJ 3563 8315; HER 3583-001 M) is the reputed site of the battle of Brunanburgh in 937 AD between Athelstan of Wessex and a mixed force of Irish, Britons and Norse. The armies on both sides were large, possibly as many as 18,000 men each, and the Anglo-Saxon victory effectively ended 'British' resistance to the Saxon invaders, combining most of England for the first time under one rule. The Benedictine Priory at Birkenhead was founded around 1170 and, in 1330, a royal grant from Edward II gave them the rights to operate a ferry between Birkenhead and Liverpool.
- 5.13 **Policy unit 11a7.2** contains archaeological sites from WWII.
- 5.14 **Policy unit 11a7.3** contains a shrunken village, farms, a number of industrial sites, a church, a vicarage, a tithe barn, a wreck, a medieval town and archaeological sites from WWII.
- 5.15 **Policy unit 11a7.4** contains a number of industrial sites, a church, a cemetery, a churchyard and archaeological sites from WWII.
- 5.16 **Policy unit 11a7.5** contains an inhumation, a Mesolithic site, two crosses, a number of industrial sites, churches and archaeological sites from WWII.
- 5.17 **Policy unit 11a7.6** contains a medieval cross, a windmill, ship wrecks, a number of industrial sites and archaeological sites from WWII.
- 5.18 **Policy unit 11a7.7** contains a number of industrial sites and archaeological sites from WWII.
- 5.19 **Policy unit 11a7.8** contains a number of farms, a church, a village, a lighthouse, a cross, a churchyard, pottery scatters, industrial sites and archaeological sites from WWII.

- 5.20 **Policy unit 11a7.9** contains farms, churches, a midden, a number of docks, a number of wrecks, industrial sites and archaeological sites from WWII. The docks of Liverpool expanded on their 18<sup>th</sup> century origin in dramatic style in the 19<sup>th</sup> and 20<sup>th</sup> centuries. International trade, including slaves and particularly cotton, saw the city become the largest market in the world for the latter commodity, supplying the booming mills of Lancashire and Manchester. The capacity of the Liverpool docks to import raw material and export manufactured goods was integral to the industrial development of England. As a result of the ending of the East India Company's monopoly on trade in 1813 further trading links were established with India and the Far East and the dock complex grew accordingly with over ten miles of quay being built between 1824 and 1858 alone. Seven docks had been built in Liverpool by the end of the 18<sup>th</sup> century. A further 27 docks were built by the end of the 19<sup>th</sup> century, expanding to the south of Queen's and to the north of Canning Dock. The docks are now part of a World Heritage Site which stretches from Wapping Dock in the south to Stanley dock in the north and includes numerous Listed Buildings, including some of the dock complexes, warehouses and commercial buildings.
- 5.21 **Policy unit 11a8.1** contains a chapel, wreck sites and archaeological sites from WWI and WWII.
- 5.22 **Policy unit 11a8.2** contains a Bronze Age trackway, two post-medieval farms, a lighthouse, wreck sites and archaeological sites from WWII.
- 5.23 **Policy unit 11a8.3** contains prehistoric submarine forests and earthworks, a post medieval settlement and farm, wreck sites and archaeological sites from WWII.
- 5.24 **Policy unit 11a8.4** contains a medieval grange, post-medieval barn and farm buildings, a lighthouse and a WWII minefield.
- 5.25 **Policy unit 11a9.1** contains post medieval and modern farm buildings, a lifeboat station, wreck sites and archaeological sites from WWII. The lifeboat station at Formby was first mentioned in 1776, on a map of the area of Liverpool.
- 5.26 **Policy unit 11b1.1** contains churches, a windmill, a brewery, a dock, a priory, and a pier, all modern in date, as well as wreck sites and archaeological sites from WWII.
- 5.27 **Policy unit 11b1.2** contains WWII aircraft obstructions.
- 5.28 **Policy unit 11b1.3** contains no archaeological sites or features.
- 5.29 **Policy unit 11b1.4** contains no archaeological sites or features.
- 5.30 **Policy unit 11b1.5** contains no archaeological sites or features.
- 5.31 **Policy unit 11b1.6** contains a chapel, a church and a windmill.
- 5.32 **Policy unit 11b1.7** contains no archaeological sites or features.

- 5.33 **Policy unit 11b1.8** contains farmhouses, a barn, a church, a malt kiln and WWII anti glider ditches.
- 5.34 **Policy unit 11b1.9** contains a wreck site.
- 5.35 **Policy unit 11b1.10** contains a farmhouse and a chapel.
- 5.36 **Policy unit 11b1.11** contains a motte and bailey of Penwortham Castle, a church and a priory. A substantial part of the Grade II\* Listed Building of the Church of St Mary the Virgin is 14<sup>th</sup> Century in date, comprising the walls, windows and some of the window glass, with a 15<sup>th</sup> century nave, aisles, west tower and south porch. The first record of the church dates to 1140 however when it was granted to Evesham Abbey. Part of Penwortham Castle (SD 52442907; NMR 42566; SM 13446; HER PRN284 L) survives in St Mary's Churchyard, Preston, to the northeast of the church, where a conical earthen mound, which measures approximately 36.5m at the base and 7.5m at the summit is located. A shallow ditch, now filled with graves, still survives although the bailey has been disturbed by the construction of the church and graveyard. The castle is named in the Domesday survey of 1086, but was in ruins by the middle of the 13<sup>th</sup> century.
- 5.37 **Policy unit 11b1.12** contains cotton mills, churches, numerous industrial sites and archaeological sites from WWII.
- 5.38 **Policy unit 11b1.13** contains a water mill, a factory, a shipyard and two wreck sites.
- 5.39 **Policy unit 11b1.14** contains a grange and two windmills.
- 5.40 **Policy unit 11b1.15** contains archaeological sites from WWII.
- 5.41 **Policy unit 11b1.16** contains a chapel, a dock, a shipyard and WWII pillboxes.
- 5.42 **Policy unit 11b1.17** contains churches, chapels, a farm, a mill, a corn drying kiln, a wreck site and archaeological sites from WWII.
- 5.43 **Policy unit 11b1.18** contains archaeological sites from WWII.
- 5.44 **Policy unit 11b1.19** contains two lighthouses, wreck sites and archaeological sites from WWII.
- 5.45 **Policy unit 11b1.20** contains three churches, a lifeboat station, wrecks sites and archaeological sites from WWII.
- 5.46 **Policy unit 11b1.21** contains two chapels, a church, a pier, industrial sites, wreck sites and archaeological sites from WWII.
- 5.47 **Policy unit 11b2.1** contains archaeological sites from WWII.
- 5.48 **Policy unit 11b2.2** contains a cairn, churches, chapels, industrial sites and archaeological sites from WWII. The Bronze Age round cairn (SD 31133210; HER PRN36 L) was located at Stonyhill Lodge to the south of Blackpool,

although the site has been destroyed in antiquity by the farmer, who removed over twenty cartloads of burnt soil and stone from a large circular cairn. Located nearby were two springs, one of which emerged from a 'large oblong mound', and into one spring, the Fairy Spring, offerings of nails and pins were still made in the 19<sup>th</sup> century.

- 5.49 **Policy unit 11b2.3** contains chapels, churches, a number of industrial sites, a wreck and archaeological sites from WWII. A single WWII practice trench was also transcribed by the APM exercise to the north of Blackpool (SD 31613935; NMR 1482880).
- 5.50 **Policy unit 11b2.4** contains a wreck site.
- 5.51 **Policy unit 11b2.5** contains a church.
- 5.52 **Policy unit 11b2.6** contains no archaeological sites or features.
- 5.53 **Policy unit 11b2.7** contains a chapel, a deserted settlement and archaeological sites from WWII.
- 5.54 **Policy unit 11b2.8** contains no archaeological sites or features.
- 5.55 **Policy unit 11b2.9** contains a firing range.
- 5.56 **Policy unit 11c1.1** contains wrecks, mortuary chapels, a cemetery and clay pits.
- 5.57 **Policy unit 11c1.2** contains wrecks, a lighthouse, a chapel, industrial sites and archaeological sites from WWII.
- 5.58 **Policy unit 11c1.3** contains wreck sites.
- 5.59 **Policy unit 11c1.4** contains an enclosed settlement, churches, chapels, wrecks, industrial sites and a WWII pillbox.
- 5.60 **Policy unit 11c1.5** contains a chapel, a deserted settlement, a cemetery and industrial sites.
- 5.61 **Policy unit 11c1.6** contains a settlement, a chapel, farms and industrial sites.
- 5.62 **Policy unit 11c1.7** contains wreck sites and a lime kiln.
- 5.63 **Policy unit 11c1.8** contains a church, a chapel and WWII military buildings.
- 5.64 **Policy unit 11c2.1** contains wreck sites and a pillbox.
- 5.65 **Policy unit 11c2.2** contains wreck sites and archaeological sites from WWII.
- 5.66 **Policy unit 11c2.3** contains wrecks, a church, industrial sites and archaeological sites from WWII.

- 5.67 **Policy unit 11c2.4** contains a lighthouse, a chapel, a wreck, a settlement, sea defences, industrial sites and a WWII observation post. The lighthouse, at Plover Scar (SD 4221654296; HER PRN10711 L), was built in the later 19<sup>th</sup> century at the entrance to the River Lune.
- 5.68 **Policy unit 11c3.1** contains a church, a lighthouse, wreck sites, industrial sites and sites from WWII. Glasson Dock (SD 4444356204; SAM 11869; HER PRN2600 L) was established in the late 18<sup>th</sup> century originally with a pier built in 1780 and later a dock of around 2 acres. A graving dock was constructed at the site in 1837, built to the design of Jesse Hartley who designed Liverpool's Albert Dock.
- 5.69 **Policy unit 11c3.2** contains a deserted settlement, a cairn, various industrial sites, wreck sites and archaeological sites from WWII. Four deserted medieval villages are listed in the study area, at Hillam (SD 4553; HER PRN2526 L), Ashton (SD 461572; HER PRN18786 L), Oxcliffe (SD 448616; HER PRN18788 L) and Heaton (SD 444604; HER PRN18794 L), of which the latter three are listed in the index of Deserted Medieval Villages of North West England along with a shrunken medieval village at Milnthorpe (SD 4981; HER 3371 C). The exact location of these sites is unknown.
- 5.70 **Policy unit 11c3.3** contains a watermill.
- 5.71 **Policy unit 11c3.4** contains churches, a castle and various industrial sites.
- 5.72 **Policy unit 11c3.5** contains a barrow.
- 5.73 **Policy unit 11c3.6** contains a chapel, a church, a deserted settlement, wreck sites, a windmill, farmhouses and archaeological sites from WWII.
- 5.74 **Policy unit 11c3.7** contains a mill, a lime kiln, a chapel, a wreck site and archaeological sites from WWII.
- 5.75 **Policy unit 11c4.1** contains archaeological sites from WWII.
- 5.76 **Policy unit 11c4.2** contains archaeological sites from WWII.
- 5.77 **Policy unit 11c4.3** contains archaeological sites from WWII.
- 5.78 **Policy unit 11c4.4** contains archaeological sites from WWII.
- 5.79 **Policy unit 11c5.1** contains a wreck and a WWII pillbox.
- 5.80 **Policy unit 11c5.2** contains three barrows, a chapel and WWII bomb craters.
- 5.81 **Policy unit 11c6.1** contains wrecks, cemeteries, barrows and sites from WWII.
- 5.82 **Policy unit 11c6.2** contains churches, industrial sites and archaeological sites from WWII. The church of St Peter's (SD 4104561650; LB 391836; HER PRN419 L), was built sometime in the late 8<sup>th</sup> or early 9<sup>th</sup> century AD, although much of the presently visible church is Norman or later. The west door, adjacent

wall, both ends of the south wall, the upper part of the east wall and the north door, now re-erected in the churchyard, all date from the Saxon period

- 5.83 **Policy unit 11c7.1** contains a lime kiln, saltworks and an anti landing obstruction.
- 5.84 **Policy unit 11c7.2** contains no archaeological sites or features.
- 5.85 **Policy unit 11c7.3** contains no archaeological sites or features.
- 5.86 **Policy unit 11c7.4** contains a lime kiln, two mills, a chapel and a WWII firing range.
- 5.87 **Policy unit 11c7.5** contains archaeological sites from WWII.
- 5.88 **Policy unit 11c8.1** contains cairns, a round barrow, a church, industrial sites and a WWII pillbox.
- 5.89 **Policy unit 11c8.2** contains no archaeological sites or features.
- 5.90 **Policy unit 11c8.3** contains no archaeological sites or features.
- 5.91 **Policy unit 11c8.4** contains two post medieval lime kilns and a saltworks.
- 5.92 **Policy unit 11c8.5** contains a WWII pillbox.
- 5.93 **Policy unit 11c8.6** contains a prehistoric enclosed settlement and a lime kiln.
- 5.94 **Policy unit 11c9.1** contains a post medieval lime kiln.
- 5.95 **Policy unit 11c9.2** contains a Bronze Age long barrow, an Iron Age cave and a deserted village. The barrow is located at Haverbrack (SD482802; HER 2488 C), which is recorded as being 25m long by 12m wide, orientated north-south and surviving to almost 1.5m high at its wider southern end.
- 5.96 **Policy unit 11c9.3** contains a post medieval lime kiln and a shrunken medieval village.
- 5.97 **Policy unit 11c10.1** contains a chapel.
- 5.98 **Policy unit 11c10.2** contains archaeological sites from WWII.
- 5.99 **Policy unit 11c10.3** contains no archaeological sites or features.
- 5.100 **Policy unit 11c11.1** contains no archaeological sites or features.
- 5.101 **Policy unit 11c11.2** contains no archaeological sites or features.
- 5.102 **Policy unit 11c11.3** contains no archaeological sites or features.
- 5.103 **Policy unit 11c11.4** contains a post medieval kiln.

- 5.104 **Policy unit 11c11.5** contains a brick kiln and WWII trenches.
- 5.105 **Policy unit 11c11.6** contains no archaeological sites or features.
- 5.106 **Policy unit 11c12.1** contains three lime kilns, a saw mill, a water mill, a brick kiln, a burial and WWII military buildings.
- 5.107 **Policy unit 11c12.2** contains two lime kilns, two tanneries and a saw mill.
- 5.108 **Policy unit 11c12.3** contains no archaeological sites or features.
- 5.109 **Policy unit 11c13.1** contains a cairn, a square enclosure, a port, a chapel and lime kilns. No finds or features were found associated with the cairn and it is possible this represents a field clearance cairn, rather than a burial cairn, of which there are a number on Birkrigg Common
- 5.110 **Policy unit 11c13.2** contains a barrow, a square enclosure, anti aircraft defences, lime kilns, a wreck site and a WWII pillbox.
- 5.111 **Policy unit 11c13.3** contains a lime kiln.
- 5.112 **Policy unit 11c13.4** contains a possible wreck site.
- 5.113 **Policy unit 11c13.5** contains no archaeological sites or features.
- 5.114 **Policy unit 11c14.1** contains two post medieval lime kilns, wreck sites and archaeological sites from WWII.
- 5.115 **Policy unit 11c14.2** contains a lime kiln, a windmill and archaeological sites from WWII.
- 5.116 **Policy unit 11c14.3** contains wreck sites and archaeological sites from WWII.
- 5.117 **Policy unit 11c14.4** contains wreck sites and archaeological sites from WWII.
- 5.118 **Policy unit 11c14.5** contains archaeological sites from WWII.
- 5.116 **Policy unit 11c14.6** contains a wreck and archaeological sites from WWII.
- 5.117 **Policy unit 11c14.7** contains archaeological sites from WWII.
- 5.118 **Policy unit 11c14.8** contains a lithic working site, a midden, industrial sites, wreck sites and archaeological sites from WWII.
- 5.119 **Policy unit 11c15.1** contains archaeological sites from WWII. Heavy Anti-Aircraft Battery Barrow H3 (SD 202671; NMR 1471345; SMR 16899 C) was located at Ramsden in 1941, although it is not known what guns it was armed with and it is no longer extant.
- 5.120 **Policy unit 11c15.2** contains a chapel, industrial sites and archaeological sites from WWII.



- 5.121 **Policy unit 11c15.3** contains a settlement, two deserted villages, industrial sites and archaeological sites from WWII.
- 5.122 **Policy unit 11c16.1** contains a WWII pillbox.
- 5.123 **Policy unit 11c16.2** contains archaeological sites from WWII.
- 5.124 **Policy unit 11c16.3** contains no archaeological sites or features.
- 5.125 **Policy unit 11c16.4** contains no archaeological sites or features.
- 5.126 **Policy unit 11c16.5** contains industrial sites.
- 5.127 **Policy unit 11c16.6** contains no archaeological sites or features.
- 5.128 **Policy unit 11c16.7** contains a post medieval lime kiln.
- 5.129 **Policy unit 11c16.8** contains churches and industrial sites. St Mary's Church was shown on Saxton's Map of Lancashire of 1577 as a chapel, but is probably much earlier. It was rebuilt in the late 17<sup>th</sup> century and extended westward in the mid-18<sup>th</sup> century. The site is now occupied by an early 20<sup>th</sup> century church.
- 5.130 **Policy unit 11c16.9** contains a deserted village, salt works and archaeological sites from WWII. The salt works Millom site, at Salthouse Farm, appears to be the only surviving saltworks in this part of the study zone. The site, comprising a possible sleet mound with nearby low mounds and hollows, may be the remnants of a saltworks that could have been associated with St Bee's Priory, Calder Abbey, or Furness Abbey, all of which had saltworks at Millom. The site is presently protected by flood defences and the draft SMP 2 policy is HTL for the next 20 years. Thereafter Managed Retreat, at least to the railway line, is the preferred option and this could detrimentally affect the saltworks.
- 5.131 **Policy unit 11c16.10** contains a prehistoric burial and archaeological sites from WWII.
- 5.132 **Policy unit 11c16.11** contains a post medieval lime kiln.
- 5.133 **Policy unit 11d1.1** contains a WWII pillbox.
- 5.134 **Policy unit 11d1.2** contains archaeological sites from WWII.
- 5.135 **Policy unit 11d1.3** contains a brickworks.
- 5.136 **Policy unit 11d1.4** contains no archaeological sites or features.
- 5.137 **Policy unit 11d1.5** contains a cairn, stone circles, enclosures and archaeological sites from WWII. The stone circle is located near Annaside, south-west of Bootle (SD099853; HER 1460 LDNPA; and SD089863; 5351 LDNPA). In the mid-18<sup>th</sup> century the circle was recorded as being formed from 20 stones and measured around 18m in diameter. By the mid-19<sup>th</sup> century 12 survived and only one was

left standing by 1923. A second circle was located at Kirkstones to the south-east (SD10618432, HER 1478 LDNPA) which has been completely destroyed. It was described as being made of 30 stones in two concentric rings.

- 5.138 **Policy unit 11d2.1** contains no archaeological sites or features.
- 5.139 **Policy unit 11d2.2** contains a prehistoric cairn and a settlement and wreck sites.
- 5.139 **Policy unit 11d3.1** contains a cairn, a ringditch, a hillfort, churches, a castle and various Roman sites. The Roman Fort at *Glannaventa*/Ravenglass (SD 0819581; SAM 13569; HER 1378 LDNPA) was built on the site of earlier milefortlet and formed the major centre for the coastal Roman sea defences between the 2<sup>nd</sup> and the 4<sup>th</sup> centuries AD. The site is situated on the periphery of the River Esk estuary on a low rise which, on the western side is subject to coastal erosion. The fort measures almost 130m in length and the eastern rampart rises to a height of 1.5m with an outer double ditch 5m in width, whilst the northern and southern ramparts survive to 1m in height and only have one outer ditch. The western wall and defences have already been at least partially lost to coastal erosion. Muncaster Castle (SD 10359634; LB 76270; HER 3981 LDNPA), near Ravenglass, incorporates a 13<sup>th</sup> century pele tower with three storeys and a basement at its south-west corner. The castle itself is largely 19<sup>th</sup> century in date.
- 5.140 **Policy unit 11d3.2** contains two chapels.
- 5.141 **Policy unit 11d3.3** contains prehistoric settlements, enclosures and barrows, a mill and archaeological sites from WWII.
- 5.142 **Policy unit 11d4.1** contains archaeological sites from WWII.
- 5.143 **Policy unit 11d5.1** contains a bog body inhumation.
- 5.144 **Policy unit 11d5.2** contains no archaeological sites or features.
- 5.145 **Policy unit 11d5.3** contains no archaeological sites or features.
- 5.146 **Policy unit 11d5.4** contains a tower, a settlement and a castle.
- 5.147 **Policy unit 11d5.5** contains no archaeological sites or features.
- 5.148 **Policy unit 11d5.6** contains a submarine forest, a possible fort, a salt works and a motte.
- 5.149 **Policy unit 11d6.1** contains a farm and a burial.
- 5.150 **Policy unit 11d6.2** contains a chapel.
- 5.151 **Policy unit 11d7.1** contains no archaeological sites or features.
- 5.152 **Policy unit 11e1.1** contains two salt works and a WWII air raid shelter.
- 5.153 **Policy unit 11e1.2** contains a colliery and a windmill.

- 5.154 **Policy unit 11e1.3** contains a windmill, a colliery and archaeological sites from WWII.
- 5.155 **Policy unit 11e1.4** contains no archaeological sites or features.
- 5.156 **Policy unit 11e2.1** contains a light house, a salt works and archaeological sites from WWII.
- 5.157 **Policy unit 11e2.2** contains a lime kiln and archaeological sites from WWII.
- 5.158 **Policy unit 11e2.3** contains two burials, a cairn, a settlement, a number of Roman sites and archaeological sites from WWII.
- 5.159 **Policy unit 11e2.4** contains Roman sites associated with Hadrian's Wall, industrial sites and archaeological sites from WWII. The major Roman site within this section of the study area is Hadrian's Wall, which runs east from Bowness-on-Solway to Wallsend on the east coast, although only the section between Bowness-on-Solway and Burgh-by-Sands is present within the study zone. However, the defences continued west and south from Bowness-on-Solway, where a series of watchtowers, milefortlets, roads and other defensive features, punctuated by forts at Drumbrugh, Beckfoot, Maryport, Burrow Walls and Parton, maintained surveillance along the exposed coastline as far south as St Bee's Head. The World Heritage Site of Hadrian's Wall encompasses this defensive system as far south as the fort at Maryport. Comprehensively reviewing this extensive system is beyond the remit of this project and emphasis is, of necessity, placed upon the sites which are deemed most significant for this project, primarily due to their risk of erosion.
- 5.160 **Policy unit 11e2.5** contains archaeological sites from WWII.
- 5.161 **Policy unit 11e2.6** contains a WWII bombing site.
- 5.162 **Policy unit 11e2.7** contains archaeological sites from WWII.
- 5.163 **Policy unit 11e2.8** contains a salt works and archaeological sites from WWII.
- 5.164 **Policy unit 11e2.9** contains a battery, a salt works, a colliery and archaeological sites from WWII.
- 5.165 **Policy unit 11e2.10** contains a dock and harbour installation, a lime kiln and archaeological sites from WWII.
- 5.166 **Policy unit 11e2.11** contains a gas works, a church and archaeological sites from WWII.
- 5.167 **Policy unit 11e3.1** contains an iron works, a Roman signal tower and archaeological sites from WWII.
- 5.168 **Policy unit 11e3.2** contains a gas works, a salt works and archaeological sites from WWII. A bombing decoy site, C37A, was located between Workington and

Maryport (NY 011325; NMR 1413056) to protect the Workington Iron and Steelworks.

- 5.169 **Policy unit 11e3.3** contains a prehistoric barrow, a Roman signal tower and a saw mill.
- 5.170 **Policy unit 11e3.4** contains lighthouses, docks, a jetty, a sawmill and archaeological sites from WWII.
- 5.171 **Policy unit 11e4.1** contains a Roman temple, a deserted village and a cornmill.
- 5.172 **Policy unit 11e4.2** contains a Roman temple and Vicus, a settlement, a Quarry and a salt works. The Romano-British settlement at Ewanrigg (NY 0353352; HER 791 C), above Maryport, may have a Bronze Age precedent. A pit containing barley was radiocarbon dated to the late 2<sup>nd</sup> millennium BC. However, no other features on the site were known to pre-date the Romano-British period.
- 5.173 **Policy unit 11e4.3** contains a ring ditch, enclosures, a Roman milefortlet, a settlement and a tile kiln.
- 5.174 **Policy unit 11e4.4** contains no archaeological sites or features.
- 5.175 **Policy unit 11e4.5** contains a salt works, a pillbox and a kiln.
- 5.176 **Policy unit 11e4.6** contains a Roman signal station.
- 5.177 **Policy unit 11e5.1** contains enclosures, a settlement, a deserted village, Roman sites and archaeological sites from WWII.
- 5.178 **Policy unit 11e6.1** contains a WWII pillbox.
- 5.179 **Policy unit 11e6.2** contains a deserted village, Roman sites and archaeological sites from WWII.
- 5.180 **Policy unit 11e6.3** contains an enclosure, a chapel and WWII pillboxes.
- 5.181 **Policy unit 11e7.1** contains no archaeological sites or features.
- 5.182 **Policy unit 11e7.2** contains a Roman frontier defence and WWII pillboxes.
- 5.183 **Policy unit 11e7.3** contains no archaeological sites or features.
- 5.184 **Policy unit 11e7.4** contains a shrunken village and two salt works.
- 5.185 **Policy unit 11e7.5** contains two salt works and a mill.
- 5.186 **Policy unit 11e7.6** contains no archaeological sites or features.
- 5.187 **Policy unit 11e7.7** contains a Roman signal tower and a watermill.
- 5.188 **Policy unit 11e8.1** contains a settlement, a cremation cemetery and Roman sites.

- 5.189 **Policy unit 11e8.2** contains Roman sites, a pele tower and industrial sites.
- 5.190 **Policy unit 11e8.3** contains Roman sites associated with Hadrian's Wall, a lighthouse, a settlement and a dock and harbour installation.
- 5.191 **Policy unit 11e8.4** contains Roman sites associated with Hadrian's Wall and a number of saltworks.
- 5.192 **Policy unit 11e8.5** contains a pillbox and a port.
- 5.193 **Policy unit 11e8.6** contains no archaeological sites or features.
- 5.194 **Policy unit 11e8.7** contains no archaeological sites or features.
- 5.195 **Policy unit 11e8.8** contains a stone circle and a castle. The castle was located at Rockcliffe (NY 3539361920; HER 185 C). Founded in 1539 and newly built when Camden saw it in 1607, it was demolished by 1659. Traces of the castle were revealed during road widening in the 20<sup>th</sup> century, although it was not mapped as part of the Hadrian's Wall NMP. The site location, recorded within the HER, lies within 50m of Mean High Water Springs but the extent of the site is not known. The SMP 2 draft policy for this area is NAI so the site has to be considered at risk of future erosion.
- 5.196 **Policy unit 11e8.9** contains a farmstead, a salt works and a WWII pillbox.
- 5.197 **Policy unit 11e8.10** contains no archaeological sites or features.

## 6 Tables of archaeological features sorted by Site Type

- 6.1 The following tables for the HERs of Cumbria, Lancashire, Cheshire and the Merseyside Archaeological Service as well as the NMR data should be used together as they refer to different datasets. Some NMR records do not have HER records and some HER records do not have NMR records and the NMR records are linked to the HER records in the digital GIS and the original AMIE (NMR) database where concordance has been possible to ascertain. Further work to establish concordance between the datasets is beyond the scope of this project. Given the discrepancies between descriptions and data such as NGRs it is not always clear whether NMR and HER records are referring to the same, or different, sites.
- 6.2 Details are provided for each HER and the NMR for the extent of the study area covered by SMP2 and are sorted by Site Type. The policy column refers to the recommendations in the SMPs. These are as follows:

NAI	No Active Intervention
HTL	Hold the Line
MR	Managed Realignment
TBC	To be Confirmed

Table 2: Merseyside Archaeological Service HER entries

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special Interest	Risk
11a5.11	HTL	MME44	Air Raid Shelter	318525	387895	-	-
11a5.6	NAI	MME244	Anti-Aircraft Battery	323895	383235	-	-
11a6.3	HTL	MME882	Anti-Aircraft Battery	327850	392350	-	-
11a6.4	HTL	MME1662	Anti-Aircraft Battery	330050	394050	-	-
11a7.1	HTL	MME2943	Anti-Aircraft Battery	334150	385650	-	-
11a7.9	HTL	MME4162	Anti-Aircraft Battery	337250	386850	-	-
11a8.1	HTL	MME1054	Anti-Aircraft Battery	329950	401250	-	-
11a9.1	MR	MME1090	Anti-Aircraft Battery	329250	404650	-	-
11a9.1	MR	MME704	Anti-Aircraft Battery	327550	406650	-	-
11a8.4	HTL	MME1082	Barn	329360	404930	Low	Low
11a7.1	HTL	MME1663	Battery	330965	394485	-	-
11a7.1	HTL	MME1980	Battery	331385	393345	-	-
11a7.1	HTL	MME3432	Battlefield	335630	383150	-	-
11a8.1	HTL	MME10224	Beach Defence	330610	398930	-	-
11a7.9	HTL	MME2640	Boat Yard	333745	390885	Low	Low
11a5.9	HTL	MME101	Burial	321955	386905	Medium	Low
11a5.11	HTL	MME12	Burial	318450	387950	Medium	Low
11a5.11	HTL	MME42	Burial	318900	387400	Medium	Low
11a5.10	NAI	MME64	Cairn	319850	386750	Medium	Low
11b1.1	HTL	MME2462	Castle	333070	416580	Medium	Low
11a7.9	HTL	MME3446	Cement Works	335125	387925	Low	Low
11a7.9	HTL	MME4158	Cement Works	337025	386495	Low	Low
11a5.9	HTL	MME87	Cemetery	321785	386415	Medium	Low
11a5.11	HTL	MME27	Cemetery	318445	387965	Medium	Low

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special Interest	Risk
11a7.9	HTL	MME4762	Cemetery	340415	384325	Medium	Low
11a5.11	HTL	MME5	Chapel	318445	387965	High	High
11a8.1	HTL	MME1992	Chapel	331645	398095	Medium	Low
11a7.1	HTL	MME2260	Chemical Works	332115	390435	Low	Low
11a7.1	HTL	MME1915	Chemical Works	331955	390365	Low	Low
11a5.5	NAI	MME570	Church	326595	381215	Medium	Low
11a5.9	HTL	MME86	Church	321795	386425	Medium	Low
11a6.1	HTL	MME163	Church	321775	389215	Medium	Low
11a6.1	HTL	MME148	Church	321885	389395	Medium	Low
11a6.1	HTL	MME233	Church	322075	389455	Medium	Low
11a6.4	HTL	MME1627	Church	330655	393895	Medium	Low
11a7.1	HTL	MME1629	Church	330815	393885	Medium	Low
11a7.1	HTL	MME2222	Church	332830	388550	Medium	Low
11a7.1	HTL	MME2264	Church	332275	390755	Medium	Low
11a7.1	HTL	MME2273	Church	332055	391415	Medium	Low
11a7.1	HTL	MME1938	Church	331825	391605	Medium	Low
11a7.1	HTL	MME1963	Church	331610	392170	Medium	Low
11a7.1	HTL	MME2172	Church	332285	391055	Medium	Low
11a7.3	HTL	MME3851	Church	336035	380015	Medium	Low
11a7.9	HTL	MME2628	Church	333955	390485	Medium	Low
11a7.9	HTL	MME2629	Church	333925	390485	Medium	Low
11a7.9	HTL	MME2687	Church	333660	395180	Medium	Low
11a7.9	HTL	MME2292	Church	332125	397625	Medium	Low
11a7.9	HTL	MME3028	Church	334265	390125	Medium	Low
11a7.9	HTL	MME4755	Church	340395	384285	Medium	Low
11a7.9	HTL	MME4761	Church	340395	384295	Medium	Low
11a7.9	HTL	MME3447	Church	335455	387735	Medium	Low
11a7.9	HTL	MME3891	Church	336915	387065	Medium	Low
11a7.9	HTL	MME3908	Church	336185	387665	Medium	Low
11a7.9	HTL	MME4310	Church	338175	386235	Medium	Low
11b1.1	HTL	MME2470	Church	333705	417295	Medium	Low
11b1.1	HTL	MME2474	Church	333775	417915	Medium	Low
11a7.1	HTL	MME2229	Churchyard	332850	388550	Medium	Low
11a6.1	HTL	MME152	Coastguard Station	321565	389375	Low	Low
11a7.9	HTL	MME2959	Copper Works	334545	389295	Low	Low
11a7.9	HTL	MME4751	Copper Works	340105	383665	Low	Low
11a6.1	HTL	MME294	Cremation	323500	390500	Medium	Low
11a8.2	MR	MME1063	Deserted Settlement	329500	402500	Medium	Low
11a8.3	HTL	MME1313	Deserted Settlement	330105	403635	Medium	Low
11a7.9	HTL	MME2633	Dock	333925	390275	High	Low
11a7.9	HTL	MME2958	Dock	334495	389295	High	Low
11a7.9	HTL	MME2985	Dock	334265	389795	High	Low
11a7.9	HTL	MME9516	Dock	339435	384235	High	Low
11a7.9	HTL	MME9517	Dock	339925	383845	High	Low
11a7.9	HTL	MME9520	Dock	339655	383965	High	Low
11a7.9	HTL	MME9529	Dock	340115	383425	High	Low
11a7.9	HTL	MME9537	Dock	333495	393245	High	Low
11a7.9	HTL	MME9551	Dock	333771	390579	High	Low
11a7.9	HTL	MME9552	Dock	333940	390040	High	Low
11a7.9	HTL	MME9563	Dock	333535	391215	High	Low

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special Interest	Risk
11a7.9	HTL	MME9566	Dock	333525	391795	High	Low
11a7.9	HTL	MME9572	Dock	333465	392495	High	Low
11a7.9	HTL	MME9573	Dock	333395	392095	High	Low
11a7.9	HTL	MME9575	Dock	333535	392105	High	Low
11a7.9	HTL	MME9576	Dock	333735	392115	High	Low
11a7.9	HTL	MME9591	Dock	334165	389995	High	Low
11a7.9	HTL	MME9593	Dock	334435	389365	High	Low
11a7.9	HTL	MME9595	Dock	334305	389315	High	Low
11a7.9	HTL	MME9596	Dock	334455	389015	High	Low
11a7.9	HTL	MME9597	Dock	334305	389585	High	Low
11a7.9	HTL	MME9598	Dock	334105	389735	High	Low
11a7.9	HTL	MME9681	Dock	334915	387925	High	Low
11a7.9	HTL	MME9684	Dock	334565	388735	High	Low
11a7.9	HTL	MME9689	Dock	334435	388605	High	Low
11a7.9	HTL	MME9691	Dock	334715	388395	High	Low
11a7.9	HTL	MME9710	Dock	335215	387535	High	Low
11a7.9	HTL	MME9712	Dock	335475	387335	High	Low
11b1.1	HTL	MME2481	Dock	333115	417135	High	Low
11a7.1	HTL	MME2248	Dock	332505	390595	High	Low
11a7.9	HTL	MME2634	Dock Basin	333865	390415	High	Low
11a7.1	HTL	MME9968	Dockyard	332085	389605	High	Low
11a7.9	HTL	MME9690	Dockyard	334495	388545	High	Low
11a7.9	HTL	MME2973	Dry Dock	334045	389875	High	Low
11a7.9	HTL	MME2975	Dry Dock	334445	389385	High	Low
11a7.9	HTL	MME2978	Dry Dock	334020	389970	High	Low
11a7.9	HTL	MME2984	Dry Dock	334175	389975	High	Low
11a7.9	HTL	MME3029	Dry Dock	334055	390135	High	Low
11a7.9	HTL	MME9518	Dry Dock	339787	383772	High	Low
11a7.9	HTL	MME9527	Dry Dock	340035	383525	High	Low
11a7.9	HTL	MME9715	Dry Dock	335545	387125	High	Low
11a7.9	HTL	MME9716	Dry Dock	335585	387165	High	Low
11a7.9	HTL	MME9717	Dry Dock	335615	387195	High	Low
11a7.9	HTL	MME9718	Dry Dock	335665	387225	High	Low
11a5.5	NAI	MME405	Farm	325950	381350	Low	Low
11a5.5	NAI	MME408	Farm	325865	382235	Low	Low
11a5.5	NAI	MME584	Farm	326635	381255	Low	Low
11a5.8	HTL	MME174	Farm	322655	385255	Low	Low
11a5.8	HTL	MME175	Farm	322725	385325	Low	Low
11a5.10	NAI	MME123	Farm	321115	387315	Low	Low
11a5.10	NAI	MME127	Farm	321185	387645	Low	Low
11a5.10	NAI	MME128	Farm	321085	387765	Low	Low
11a5.10	NAI	MME129	Farm	321125	387925	Low	Low
11a5.10	NAI	MME130	Farm	321155	387595	Low	Low
11a5.10	NAI	MME132	Farm	321045	387455	Low	Low
11a6.1	HTL	MME288	Farm	323305	390155	Low	Low
11a6.1	HTL	MME237	Farm	322650	389850	Low	Low
11a6.1	HTL	MME238	Farm	322525	389965	Low	Low
11a6.1	HTL	MME239	Farm	322665	389955	Low	Low
11a6.1	HTL	MME243	Farm	322905	390175	Low	Low
11a6.1	HTL	MME297	Farm	323750	390750	Low	Low
11a6.1	HTL	MME298	Farm	323750	390750	Low	Low



Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special Interest	Risk
11a6.2	HTL	MME683	Farm	326775	391145	Low	Low
11a7.1	HTL	MME2574	Farm	333415	386775	Low	Low
11a7.1	HTL	MME2610	Farm	333165	386745	Low	Low
11a7.1	HTL	MME2613	Farm	333875	386085	Low	Low
11a7.1	HTL	MME2929	Farm	334565	384195	Low	Low
11a7.1	HTL	MME3406	Farm	335765	382195	Low	Low
11a7.3	HTL	MME3861	Farm	336115	380165	Low	Low
11a7.3	HTL	MME3868	Farm	336125	381545	Low	Low
11a7.3	HTL	MME4141	Farm	337165	380135	Low	Low
11a7.9	HTL	MME3011	Farm	334155	390265	Low	Low
11a7.9	HTL	MME3896	Farm	336745	387375	Low	Low
11a7.9	HTL	MME4151	Farm	337655	386215	Low	Low
11a7.9	HTL	MME4306	Farm	338145	386035	Low	Low
11a7.9	HTL	MME4460	Farm	339525	385195	Low	Low
11a7.9	HTL	MME4748	Farm	340345	383965	Low	Low
11a8.2	MR	MME1298	Farm	330475	401955	Low	Low
11a8.2	MR	MME1303	Farm	330305	402305	Low	Low
11a8.3	HTL	MME1321	Farm	330135	403615	Low	Low
11a8.4	HTL	MME1315	Farm	330245	403965	Low	Low
11a8.4	HTL	MME1336	Farm	330265	404145	Low	Low
11a9.1	MR	MME743	Farm	327965	407065	Low	Low
11a9.1	MR	MME890	Farm	328515	405815	Low	Low
11a9.1	MR	MME892	Farm	328455	405595	Low	Low
11a6.2	HTL	MME543	Farmhouse	325185	391025	Low	Low
11a6.1	HTL	MME282	Flint Scatter	323150	390650	Medium	Low
11a6.3	HTL	MME697	Flint Scatter	326650	392150	Medium	Low
11a7.9	HTL	MME9560	Flour Mill	333785	391285	Low	Low
11a7.1	HTL	MME1659	Fort	330965	394485	Medium	Low
11a7.9	HTL	MME2632	Fort	333945	390455	Medium	Low
11a7.9	HTL	MME9946	Fort	333655	390935	Medium	Low
11a7.9	HTL	MME2962	Glass Works	334425	389615	Low	Low
11a7.9	HTL	MME4782	Grange	340405	384515	Medium	Low
11a8.4	HTL	MME1086	Grange	329375	404905	Medium	Low
11a5.11	HTL	MME61	Gunpost	318425	388035	-	-
11a7.9	HTL	MME9592	Half Tide Dock	334045	389875	High	Low
11a7.9	HTL	MME9701	Half Tide Dock	334555	388435	High	Low
11a5.10	NAI	MME65	Inhumation	319850	386750	Medium	Low
11a6.2	HTL	MME689	Inhumation	326505	392055	Medium	Low
11a5.8	HTL	MME183	Iron Working Site	322660	385190	Low	Low
11a7.1	HTL	MME2947	Iron Working Site	334355	385285	Low	Low
11a7.9	HTL	MME2968	Iron Working Site	334215	389735	Low	Low
11a5.7	HTL	MME251	Jetty	323035	383955	Low	Low
11a7.1	HTL	MME2948	Jetty	334365	385315	Low	Low
11a7.1	HTL	MME2945	Jetty	334295	385425	Low	Low
11a5.11	HTL	MME46	Lifeboat Station	318375	388235	Low	Low
11a6.1	HTL	MME153	Lifeboat Station	321515	389405	Low	Low
11a6.1	HTL	MME156	Lifeboat Station	321455	389365	Low	Low
11a7.1	HTL	MME1986	Lifeboat Station	331045	394045	Low	Low
11a9.1	MR	MME703	Lifeboat Station	327055	406295	Low	Low
11a6.1	HTL	MME157	Lighthouse	321485	389365	Low	Medium

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special Interest	Risk
11a6.1	HTL	MME158	Lighthouse	321455	389005	Low	Medium
11a6.2	HTL	MME542	Lighthouse	325285	391305	Low	Medium
11a6.4	HTL	MME1649	Lighthouse	330895	394695	Low	Medium
11a8.2	MR	MME1057	Lighthouse	329485	402645	Low	Medium
11a8.4	HTL	MME1092	Lighthouse	329385	405205	Low	Medium
11a5.5	NAI	MME406	Lime Kiln	325450	381450	Low	Low
11a5.6	NAI	MME319	Lime Kiln	324075	382885	Low	Low
11a5.7	HTL	MME168	Lime Kiln	322245	384825	Low	Low
11a5.7	HTL	MME249	Lime Kiln	323055	383945	Low	Low
11a7.1	HTL	MME2233	Lime Kiln	332750	388250	Low	Low
11a7.1	HTL	MME2620	Lime Kiln	333775	386135	Low	Low
11a7.1	HTL	MME2625	Lime Kiln	333045	387095	Low	Low
11a7.1	HTL	MME3880	Lime Kiln	336025	382715	Low	Low
11a5.9	HTL	MME68	Lithic Working Site	319895	386735	Medium	Low
11a5.9	HTL	MME69	Lithic Working Site	319895	386735	Medium	Low
11a6.1	HTL	MME71	Lithic Working Site	320350	388450	High	High
11a6.4	HTL	MME1292	Lithic Working Site	329965	394075	Medium	Low
11a5.9	HTL	MME63	Lithic Working Site	319895	386735	Medium	Low
11a5.10	NAI	MME126	Midden	321150	387950	Medium	Low
11a5.10	NAI	MME66	Midden	319850	386750	Medium	Low
11a5.11	HTL	MME45	Midden	318395	388045	Medium	Low
11a5.11	HTL	MME51	Midden	318355	388245	Medium	Low
11a7.9	HTL	MME2642	Midden	333645	390675	Medium	Low
11a5.11	HTL	MME62	Military Base	318495	388015	-	-
11a7.1	HTL	MME1964	Military Camp	331745	392075	-	-
11a7.9	HTL	MME4766	Mill	340415	384375	Low	Low
11a7.9	HTL	MME3445	Mill	335135	387845	Low	Low
11a7.9	HTL	MME4143	Mill	337845	385725	Low	Low
11a7.9	HTL	MME9708	Mill	335425	387985	Low	Low
11a5.11	HTL	MME29	Monastic Dwelling	318445	387965	Medium	Low
11a6.1	HTL	MME292	Occupation Site	323500	390500	Medium	Low
11a6.4	HTL	MME1657	Occupation Site	330500	394500	Medium	Low
11a7.9	HTL	MME2974	Pier	334025	389895	Low	Low
11b1.1	HTL	MME9759	Pier	333015	417885	Low	Low
11a7.1	HTL	MME2621	Pillbox	333850	386150	-	-
11a7.1	HTL	MME2936	Pillbox	334195	384405	-	-
11a7.1	HTL	MME2221	Priory	332805	388555	Medium	Low
11b1.1	HTL	MME2168	Priory	332915	416875	Medium	Low
11a7.1	HTL	MME10168	Quarry	332425	387605	Low	Low
11a7.1	HTL	MME10169	Quarry	332425	387725	Low	Low
11a7.1	HTL	MME10170	Quarry	332395	387755	Low	Low
11a7.1	HTL	MME2934	Quarry	334705	384185	Low	Low
11a7.3	HTL	MME3875	Quarry	336125	381115	Low	Low
11a7.9	HTL	MME4760	Quarry	340295	384235	Low	Low
11a7.9	HTL	MME3451	Quarry	335495	387675	Low	Low
11a7.9	HTL	MME3454	Quarry	335415	387695	Low	Low
11a5.5	NAI	MME557	Quay	326565	379985	Medium	Low
11a5.8	HTL	MME192	Rock Carving	322255	385875	Medium	Low
11a5.11	HTL	MME48	Salt Works	318405	388035	Medium	Low
11a7.9	HTL	MME9519	Salt Works	339885	383785	Medium	Low

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special Interest	Risk
11a8.1	HTL	MME9501	Sea Defences	329625	401305	-	-
11a6.3	HTL	MME883	Searchlight Battery	327850	392350	-	-
11a7.1	HTL	MME10166	Shipyards	332950	388250	Medium	Medium
11a7.9	HTL	MME3442	Shipyards	335675	387035	Medium	Medium
11a7.9	HTL	MME9528	Shipyards	340025	383555	Medium	Medium
11a7.1	HTL	MME9967	Signal Box	332115	389522	-	-
11a5.11	HTL	MME54	Signalling Structure	318395	388055	-	-
11a6.1	HTL	MME166	Sound Mirror	321650	389150	-	-
11a8.1	HTL	MME1994	Sound Mirror	331650	398050	-	-
11a9.1	MR	MME1802	Sound Mirror	331750	415350	-	-
11a9.1	MR	MME701	Sound Mirror	327850	405650	-	-
11b1.1	HTL	MME2170	Sound Mirror	332450	416750	-	-
11a5.5	NAI	MME318	Submarine Forest	324905	381925	Medium	Medium
11a5.8	HTL	MME84	Submarine Forest	321475	385715	Medium	Medium
11a5.8	HTL	MME85	Submarine Forest	321475	385715	Medium	Medium
11a6.1	HTL	MME287	Submarine Forest	323500	390500	Medium	Medium
11a6.3	HTL	MME688	Submarine Forest	326625	392255	Medium	Medium
11a8.3	HTL	MME1073	Submarine Forest	329550	402950	Medium	Medium
11a8.3	HTL	MME1077	Submarine Forest	329500	403000	Medium	Medium
11a5.11	HTL	MME58	Telegraph Station	318425	388035	Low	Low
11a7.9	HTL	MME9478	Telegraph Station	334000	390421	Low	Low
11a7.9	HTL	MME9479	Telegraph Station	333925	390535	Low	Low
11a7.9	HTL	MME2954	Timber Yard	334995	388195	Low	Low
11a7.9	HTL	MME3455	Timber Yard	335375	387905	Low	Low
11a5.11	HTL	MME17	Tombstone	318445	387965	Medium	Low
11a5.8	HTL	MME81	Tower	321615	385855	Low	Low
11a6.4	HTL	MME10147	Water Supply Site	330355	393545	-	-
11a7.1	HTL	MME2236	Watermill	332215	389365	Low	Low
11a7.9	HTL	MME2956	Watermill	334885	388255	Low	Low
11a7.9	HTL	MME4753	Watermill	340295	384245	Low	Low
11a5.8	HTL	MME191	Windmill	322500	385500	Low	Low
11a5.11	HTL	MME56	Windmill	318450	388150	Low	Low
11a7.9	HTL	MME2698	Windmill	333405	395465	Low	Low
11a7.9	HTL	MME2966	Windmill	334425	389685	Low	Low
11a7.9	HTL	MME3457	Windmill	335525	387995	Low	Low
11b1.1	HTL	MME2461	Windmill	333035	416985	Low	Low

Table 3: Cheshire County Council HER entries

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special Interest	Risk
11a7.7	HTL	MCH10811	Acid Works	-	-	Low	Low
11a7.6	HTL	MCH9796	Air Raid Shelter	-	-	-	-
11a7.3	HTL	MCH9840	Airfield	-	-	High	High
11a7.4	HTL	MCH10062	Alkali Works	-	-	Low	Low
11a7.7	HTL	MCH10172	Alkali Works	-	-	Low	Low
11a7.7	HTL	MCH10810	Alkali Works	-	-	Low	Low
11a7.6	HTL	MCH10158	Alkali Works	-	-	Low	Low
11a7.6	HTL	MCH10169	Alkali Works	-	-	Low	Low

11a7.7	HTL	MCH10152	Alkali Works	-	-	Low	Low
11a7.4	HTL	MCH10066	Alum Works	-	-	Low	Low
11a5.5	NAI	MCH9995	Bombing Decoy	-	-	-	-
11a7.3	HTL	MCH5991	Castle	-	-	High	Low
11a7.7	HTL	MCH10813	Cement Works	-	-	Low	Low
11a7.4	HTL	MCH10938	Cemetery	-	-	Low	Low
11a7.4	HTL	MCH10060	Charcoal Works	-	-	Low	Low
11a7.3	HTL	MCH10013	Chemical Works	-	-	Low	Low
11a7.4	HTL	MCH10054	Chemical Works	-	-	Low	Low
11a7.5	HTL	MCH10682	Chemical Works	-	-	Low	Low
11a7.5	HTL	MCH10688	Chemical Works	-	-	Low	Low
11a7.6	HTL	MCH10153	Chemical Works	-	-	Low	Low
11a7.6	HTL	MCH10155	Chemical Works	-	-	Low	Low
11a7.6	HTL	MCH10156	Chemical Works	-	-	Low	Low
11a7.6	HTL	MCH10162	Chemical Works	-	-	Low	Low
11a7.6	HTL	MCH10163	Chemical Works	-	-	Low	Low
11a7.6	HTL	MCH10168	Chemical Works	-	-	Low	Low
11a7.6	HTL	MCH10177	Chemical Works	-	-	Low	Low
11a7.6	HTL	MCH10178	Chemical Works	-	-	Low	Low
11a7.6	HTL	MCH10189	Chemical Works	-	-	Low	Low
11a7.6	HTL	MCH10190	Chemical Works	-	-	Low	Low
11a7.6	HTL	MCH10192	Chemical Works	-	-	Low	Low
11a7.6	HTL	MCH10201	Chemical Works	-	-	Low	Low
11a7.7	HTL	MCH10150	Chemical Works	-	-	Low	Low
11a7.7	HTL	MCH10151	Chemical Works	-	-	Low	Low
11a7.7	HTL	MCH10171	Chemical Works	-	-	Low	Low
11a7.7	HTL	MCH10174	Chemical Works	-	-	Low	Low
11a7.7	HTL	MCH10175	Chemical Works	-	-	Low	Low
11a7.7	HTL	MCH10180	Chemical Works	-	-	Low	Low
11a7.7	HTL	MCH10181	Chemical Works	-	-	Low	Low
11a7.7	HTL	MCH10204	Chemical Works	-	-	Low	Low
11a7.5	HTL	MCH10020	Chemical Works	-	-	Low	Low
11a7.7	HTL	MCH10021	Chemical Works	-	-	Low	Low
11a7.4	HTL	MCH6056	Church	-	-	Medium	Low
11a7.8	NAI	MCH6035	Church	-	-	Medium	Low
11a7.4	HTL	MCH11032	Churchyard	-	-	Low	Low
11a7.8	NAI	MCH11033	Churchyard	-	-	Low	Low
11a7.5	HTL	MCH10683	Clay Pit	-	-	Low	Low
11a5.5	NAI	MCH6226	Colliery	-	-	Low	Low
11a7.4	HTL	MCH10061	Copper Works	-	-	Low	Low
11a7.5	HTL	MCH10647	Copper Works	-	-	Low	Low
11a7.6	HTL	MCH10157	Copper Works	-	-	Low	Low
11a7.7	HTL	MCH10812	Copper Works	-	-	Low	Low
11a7.3	HTL	MCH6223	Dock	-	-	High	High
11a7.3	HTL	MCH5954	Dock	-	-	High	High
11a7.4	HTL	MCH8890	Enclosure	-	-	Medium	Low
11a7.6	HTL	MCH8824	Enclosure	-	-	Medium	Low
11a7.8	NAI	MCH6082	Enclosure	-	-	Medium	Low
11a7.8	NAI	MCH6066	Enclosure	-	-	Medium	Low
11a7.3	HTL	MCH6024	Farm	-	-	Low	Low
11a7.3	HTL	MCH6025	Farm	-	-	Low	Low
11a7.6	HTL	MCH10198	Fertiliser Works	-	-	Low	Low

11a7.7	HTL	MCH10173	Fertiliser Works	-	-	Low	Low
11a7.4	HTL	MCH10063	Flour Mill	-	-	Low	Low
11a7.5	HTL	MCH10668	Flour Mill	-	-	Low	Low
11a7.5	HTL	MCH10669	Flour Mill	-	-	Low	Low
11a7.5	HTL	MCH10739	Glass Works	-	-	Low	Low
11a7.5	HTL	MCH10686	Glue Factory	-	-	Low	Low
11a7.8	NAI	MCH5989	Gravestone	-	-	Medium	Low
11a7.6	HTL	MCH10166	Grease Works	-	-	Low	Low
11a7.6	HTL	MCH10194	Grease Works	-	-	Low	Low
11a7.5	HTL	MCH8889	Inhumation	-	-	Medium	Low
11a7.5	HTL	MCH10684	Iron Works	-	-	Low	Low
11a7.6	HTL	MCH10165	Iron Works	-	-	Low	Low
11a7.7	HTL	MCH10814	Iron Works	-	-	Low	Low
11a7.4	HTL	MCH10058	Kiln	-	-	Low	Low
11a7.5	HTL	MCH10680	Lead Works	-	-	Low	Low
11a7.8	NAI	MCH5951	Lighthouse	-	-	Low	Medium
11a7.5	HTL	MCH10681	Lime Kiln	-	-	Low	Low
11a5.5	NAI	MCH10582	Lime Kiln	-	-	Low	Low
11a7.3	HTL	MCH10035	Lime Kiln	-	-	Low	Low
11a7.6	HTL	MCH10179	Lime Works	-	-	Low	Low
11a7.7	HTL	MCH10170	Metal Works	-	-	Low	Low
11a7.6	HTL	MCH10202	Oil Works	-	-	Low	Low
11a7.3	HTL	MCH10077	Quarry	-	-	Low	Low
11a7.3	HTL	MCH10078	Quarry	-	-	Low	Low
11a7.4	HTL	MCH10067	Quarry	-	-	Low	Low
11a5.5	NAI	MCH6227	Quay	-	-	Low	Low
11a5.5	NAI	MCH6189	Quay	-	-	Low	Low
11a5.5	NAI	MCH9841	Radio Telegraphy Station	-	-	Low	Low
11a7.6	HTL	MCH10203	Saw Mill	-	-	Low	Low
11a7.7	HTL	MCH10167	Saw Mill	-	-	Low	Low
11a7.7	HTL	MCH10817	Saw Mill	-	-	Low	Low
11a7.3	HTL	MCH6009	Shrunken Village	-	-	Medium	Low
11a7.5	HTL	MCH10690	Soap Factory	-	-	Low	Low
11a7.4	HTL	MCH10064	Timber Yard	-	-	Low	Low
11a7.4	HTL	MCH6065	Watermill	-	-	Low	Low
11a7.6	HTL	MCH8500	Windmill	-	-	Low	Low
11a7.7	HTL	MCH5953	Windmill	-	-	Low	Low
11a7.6	HTL	MCH10678	Wire Mill	-	-	Low	Low
11a7.5	HTL	MCH10687	Wire Mill	-	-	Low	Low
11a7.5	HTL	MCH10738	Wire Mill	-	-	Low	Low
11a7.5	HTL	MCH10691	Zinc Works	-	-	Low	Low
11a7.6	HTL	MCH10191	Zinc Works	-	-	Low	Low

Table 4: Lancashire County Council HER entries

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11c2.4	HTL	PRN2793	Abbey	-	-	High	High
11b1.12	HTL	PRN1701	Abbey	-	-	Medium	Low
11c3.4	HTL	PRN19409	Air-Raid Shelter	-	-	-	-

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11c6.1	NAI	PRN13599	Anti-Aircraft Battery	-	-	-	-
11c7.1	HTL	PRN26021	Anti-Landing Obstacle	-	-	-	-
11b1.8	HTL	PRN9069	Barn	-	-	Low	Low
11b1.12	HTL	PRN17044	Barn	-	-	Low	Low
11b1.12	HTL	PRN17045	Barn	-	-	Low	Low
11c1.6	HTL	PRN20018	Barn	-	-	Low	Low
11c1.4	HTL	PRN20873	Barracks	-	-	-	-
11c3.4	HTL	PRN16105	Barracks	-	-	-	-
11c6.1	NAI	PRN2546	Barrow	-	-	Medium	Low
11c5.2	HTL	PRN2547	Barrow	-	-	Medium	Low
11c5.2	HTL	PRN2548	Barrow	-	-	Medium	Low
11c5.2	HTL	PRN2549	Barrow	-	-	Medium	Low
11c3.5	HTL	PRN30032	Barrow	-	-	Medium	Low
11c6.1	NAI	PRN2344	Barrow	-	-	Medium	Low
11b2.2	HTL	PRN15470	Brickworks	-	-	Low	Low
11b2.2	HTL	PRN15473	Brickworks	-	-	Low	Low
11b2.2	HTL	PRN24287	Brickworks	-	-	Low	Low
11c1.2	HTL	PRN21186	Brickworks	-	-	Low	Low
11c3.1	HTL	PRN4767	Brickworks	-	-	Low	Low
11b1.12	HTL	PRN22784	Brickworks	-	-	Low	Low
11c3.2	NAI	PRN26496	Cairn	-	-	Medium	Low
11b2.2	HTL	PRN36	Cairn	-	-	Medium	Low
11c3.4	HTL	PRN3349	Castle	-	-	Medium	Low
11c3.4	HTL	PRN4179	Castle	-	-	Medium	Low
11c1.1	HTL	PRN5433	Cemetery	-	-	Low	Low
11c1.5	HTL	PRN24049	Cemetery	-	-	Low	Low
11c3.4	HTL	PRN18983	Cemetery	-	-	Low	Low
11c6.1	NAI	PRN420	Cemetery	-	-	Low	Low
11c3.4	HTL	PRN25283	Cemetery	-	-	Low	Low
11b1.6	HTL	PRN1338	Chapel	-	-	Medium	Low
11b1.10	HTL	PRN1332	Chapel	-	-	Medium	Low
11b1.12	HTL	PRN22723	Chapel	-	-	Medium	Low
11b1.12	HTL	PRN22781	Chapel	-	-	Medium	Low
11b1.17	HTL	PRN18266	Chapel	-	-	Medium	Low
11b1.17	HTL	PRN6751	Chapel	-	-	Medium	Low
11b2.2	HTL	PRN15446	Chapel	-	-	Medium	Low
11b2.2	HTL	PRN15447	Chapel	-	-	Medium	Low
11b2.2	HTL	PRN15487	Chapel	-	-	Medium	Low
11b2.2	HTL	PRN15491	Chapel	-	-	Medium	Low
11b2.2	HTL	PRN15585	Chapel	-	-	Medium	Low
11b2.2	HTL	PRN19433	Chapel	-	-	Medium	Low
11b2.2	HTL	PRN5918	Chapel	-	-	Medium	Low
11b2.2	HTL	PRN5919	Chapel	-	-	Medium	Low
11b2.3	HTL	PRN1314	Chapel	-	-	Medium	Low
11b2.3	HTL	PRN15094	Chapel	-	-	Medium	Low
11b2.3	HTL	PRN15402	Chapel	-	-	Medium	Low
11b2.3	HTL	PRN15411	Chapel	-	-	Medium	Low
11b2.3	HTL	PRN15426	Chapel	-	-	Medium	Low
11b2.3	HTL	PRN15443	Chapel	-	-	Medium	Low
11b2.3	HTL	PRN20361	Chapel	-	-	Medium	Low

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11b2.3	HTL	PRN24273	Chapel	-	-	Medium	Low
11b2.3	HTL	PRN24289	Chapel	-	-	Medium	Low
11b2.7	HTL	PRN16543	Chapel	-	-	Medium	Low
11c1.2	HTL	PRN5436	Chapel	-	-	Medium	Low
11c1.4	HTL	PRN20850	Chapel	-	-	Medium	Low
11c1.4	HTL	PRN20852	Chapel	-	-	Medium	Low
11c1.4	HTL	PRN20859	Chapel	-	-	Medium	Low
11c1.5	HTL	PRN1398	Chapel	-	-	Medium	Low
11c1.6	HTL	PRN2227	Chapel	-	-	Medium	Low
11c1.7	HTL	PRN5457	Chapel	-	-	Medium	Low
11c2.4	HTL	PRN390	Chapel	-	-	Medium	Low
11c3.4	HTL	PRN21775	Chapel	-	-	Medium	Low
11c3.7	HTL	PRN386	Chapel	-	-	Medium	Low
11c6.2	HTL	PRN20439	Chapel	-	-	Medium	Low
11c6.2	HTL	PRN20450	Chapel	-	-	Medium	Low
11c6.2	HTL	PRN20477	Chapel	-	-	Medium	Low
11c7.4	NAI	PRN2233	Chapel	-	-	Medium	Low
11b1.12	HTL	PRN1412	Chapel	-	-	Medium	Low
11c5.2	HTL	PRN427	Chapel	-	-	Medium	Low
11c3.6	NAI	PRN2559	Chapel	-	-	Medium	Low
11c1.4	HTL	PRN4281	Chemical Works	-	-	Low	Low
11b1.6	HTL	PRN2229	Church	-	-	Medium	Low
11b1.8	HTL	PRN1341	Church	-	-	Medium	Low
11b1.11	HTL	PRN1447	Church	-	-	Medium	Low
11b1.12	HTL	PRN17085	Church	-	-	Medium	Low
11b1.12	HTL	PRN17105	Church	-	-	Medium	Low
11b1.12	HTL	PRN17110	Church	-	-	Medium	Low
11b1.12	HTL	PRN20387	Church	-	-	Medium	Low
11b1.12	HTL	PRN22713	Church	-	-	Medium	Low
11b1.17	HTL	PRN18301	Church	-	-	Medium	Low
11b1.17	HTL	PRN18322	Church	-	-	Medium	Low
11b1.17	HTL	PRN18282	Church	-	-	Medium	Low
11b1.20	HTL	PRN18354	Church	-	-	Medium	Low
11b2.2	HTL	PRN15064	Church	-	-	Medium	Low
11b2.3	HTL	PRN10625	Church	-	-	Medium	Low
11b2.3	HTL	PRN15408	Church	-	-	Medium	Low
11b2.3	HTL	PRN18871	Church	-	-	Medium	Low
11c1.4	HTL	PRN16562	Church	-	-	Medium	Low
11c1.4	HTL	PRN5439	Church	-	-	Medium	Low
11c1.8	HTL	PRN16806	Church	-	-	Medium	Low
11c3.1	HTL	PRN5378	Church	-	-	Medium	Low
11c3.4	HTL	PRN2368	Church	-	-	Medium	Low
11c3.4	HTL	PRN2374	Church	-	-	Medium	Low
11c3.4	HTL	PRN15874	Church	-	-	Medium	Low
11c3.4	HTL	PRN15946	Church	-	-	Medium	Low
11c3.4	HTL	PRN15953	Church	-	-	Medium	Low
11c3.6	NAI	PRN609	Church	-	-	Medium	Low
11c6.2	HTL	PRN15894	Church	-	-	Medium	Low
11c6.2	HTL	PRN16433	Church	-	-	Medium	Low
11c6.2	HTL	PRN16434	Church	-	-	Medium	Low
11c6.2	HTL	PRN16441	Church	-	-	Medium	Low

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11c8.1	NAI	PRN10996	Church	-	-	Medium	Low
11b2.5	HTL	PRN7262	Church	-	-	Medium	Low
11b2.3	HTL	PRN5920	Church	-	-	Medium	Low
11b1.17	HTL	PRN1279	Church	-	-	Medium	Low
11b2.3	HTL	PRN1311	Church	-	-	Medium	Low
11c2.3	HTL	PRN2231	Church	-	-	Medium	Low
11c3.4	HTL	PRN2311	Church	-	-	Medium	Low
11c6.2	HTL	PRN419	Church	-	-	Medium	Low
11b1.17	HTL	PRN18262	Church	-	-	Medium	Low
11b1.17	HTL	PRN18356	Church	-	-	Medium	Low
11c3.4	HTL	PRN15774	Church	-	-	Medium	Low
11c3.4	HTL	PRN2367	Church	-	-	Medium	Low
11b1.12	HTL	PRN22367	Clay Pit	-	-	Low	Low
11b1.12	HTL	PRN22368	Clay Pit	-	-	Low	Low
11b1.12	HTL	PRN22369	Clay Pit	-	-	Low	Low
11b1.12	HTL	PRN22370	Clay Pit	-	-	Low	Low
11b2.3	HTL	PRN15084	Clay Pit	-	-	Low	Low
11b2.3	HTL	PRN20357	Clay Pit	-	-	Low	Low
11b2.3	HTL	PRN20358	Clay Pit	-	-	Low	Low
11b2.3	HTL	PRN20359	Clay Pit	-	-	Low	Low
11b2.3	HTL	PRN20360	Clay Pit	-	-	Low	Low
11b2.3	HTL	PRN20362	Clay Pit	-	-	Low	Low
11b2.3	HTL	PRN20363	Clay Pit	-	-	Low	Low
11b2.3	HTL	PRN20364	Clay Pit	-	-	Low	Low
11b2.3	HTL	PRN20365	Clay Pit	-	-	Low	Low
11b2.3	HTL	PRN20366	Clay Pit	-	-	Low	Low
11b2.3	HTL	PRN20367	Clay Pit	-	-	Low	Low
11b2.3	HTL	PRN20368	Clay Pit	-	-	Low	Low
11b2.3	HTL	PRN20369	Clay Pit	-	-	Low	Low
11b2.3	HTL	PRN20370	Clay Pit	-	-	Low	Low
11b2.3	HTL	PRN20371	Clay Pit	-	-	Low	Low
11c1.1	HTL	PRN20860	Clay Pit	-	-	Low	Low
11c1.1	HTL	PRN20861	Clay Pit	-	-	Low	Low
11c1.2	HTL	PRN21185	Clay Pit	-	-	Low	Low
11c1.5	HTL	PRN21489	Clay Pit	-	-	Low	Low
11c1.5	HTL	PRN21500	Clay Pit	-	-	Low	Low
11c1.5	HTL	PRN26340	Clay Pit	-	-	Low	Low
11c1.5	HTL	PRN26341	Clay Pit	-	-	Low	Low
11c1.5	HTL	PRN26343	Clay Pit	-	-	Low	Low
11c1.5	HTL	PRN26344	Clay Pit	-	-	Low	Low
11c1.5	HTL	PRN26345	Clay Pit	-	-	Low	Low
11c1.5	HTL	PRN26346	Clay Pit	-	-	Low	Low
11c1.5	HTL	PRN26347	Clay Pit	-	-	Low	Low
11c2.4	HTL	PRN18944	Clay Pit	-	-	Low	Low
11c3.2	NAI	PRN18965	Clay Pit	-	-	Low	Low
11c3.2	NAI	PRN26506	Clay Pit	-	-	Low	Low
11c8.1	NAI	PRN12273	Clearance Cairn	-	-	Medium	Low
11c8.1	NAI	PRN12274	Clearance Cairn	-	-	Medium	Low
11b1.17	HTL	PRN15024	Corn Drying Kiln	-	-	Low	Low
11b1.12	HTL	PRN22720	Corn Mill	-	-	Low	Low
11b1.12	HTL	PRN6476	Corn Mill	-	-	Low	Low



Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11b2.3	HTL	PRN15093	Corn Mill	-	-	Low	Low
11c1.4	HTL	PRN24437	Corn Mill	-	-	Low	Low
11c1.5	HTL	PRN18801	Corn Mill	-	-	Low	Low
11c7.4	NAI	PRN4731	Corn Mill	-	-	Low	Low
11b1.12	HTL	PRN10722	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10267	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10401	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10402	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10404	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10409	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10417	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10418	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10428	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10429	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10408	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10432	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10437	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10444	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10445	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10446	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10449	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10707	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10712	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10714	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN10719	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN6463	Cotton Mill	-	-	Low	Low
11b1.12	HTL	PRN6622	Cotton Mill	-	-	Low	Low
11c3.4	HTL	PRN10536	Cotton Mill	-	-	Low	Low
11c3.4	HTL	PRN10538	Cotton Mill	-	-	Low	Low
11c3.4	HTL	PRN4661	Cotton Mill	-	-	Low	Low
11c3.4	HTL	PRN10537	Cotton Mill	-	-	Low	Low
11b2.7	HTL	PRN18799	Deserted Settlement	-	-	Medium	Low
11c1.4	HTL	PRN18792	Deserted Settlement	-	-	Medium	Low
11c1.5	HTL	PRN2866	Deserted Settlement	-	-	Medium	Low
11c2.4	HTL	PRN2526	Deserted Settlement	-	-	Medium	Low
11c3.2	NAI	PRN18786	Deserted Settlement	-	-	Medium	Low
11c3.4	HTL	PRN18788	Deserted Settlement	-	-	Medium	Low
11c3.6	NAI	PRN18794	Deserted Settlement	-	-	Medium	Low
11b1.12	HTL	PRN6624	Dock	-	-	High	Low
11c1.4	HTL	PRN20833	Dock	-	-	High	Low
11c8.1	NAI	PRN520	Dock	-	-	High	Low
11b1.12	HTL	PRN22374	Dock	-	-	High	Low
11b1.16	HTL	PRN6413	Dock	-	-	High	Low
11c3.1	HTL	PRN2600	Dry Dock	-	-	High	Low
11c1.4	HTL	PRN26074	Enclosed Settlement	-	-	Medium	Low
11b2.2	HTL	PRN15065	Factory	-	-	Low	Low
11c1.4	HTL	PRN24427	Factory	-	-	Low	Low
11c1.4	HTL	PRN24434	Factory	-	-	Low	Low
11b1.13	HTL	PRN17450	Factory	-	-	Low	Low
11b1.8	HTL	PRN1342	Farmhouse	-	-	Low	Low
11b1.8	HTL	PRN1343	Farmhouse	-	-	Low	Low

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11b1.10	HTL	PRN1331	Farmhouse	-	-	Low	Low
11b1.12	HTL	PRN11891	Farmhouse	-	-	Low	Low
11c1.6	HTL	PRN16588	Farmhouse	-	-	Low	Low
11c1.6	HTL	PRN16630	Farmhouse	-	-	Low	Low
11c2.4	HTL	PRN20005	Farmhouse	-	-	Low	Low
11c2.4	HTL	PRN20002	Farmhouse	-	-	Low	Low
11c2.4	HTL	PRN20003	Farmhouse	-	-	Low	Low
11c3.6	NAI	PRN16344	Farmhouse	-	-	Low	Low
11c3.6	NAI	PRN16345	Farmhouse	-	-	Low	Low
11c3.6	NAI	PRN16347	Farmhouse	-	-	Low	Low
11c3.6	NAI	PRN16349	Farmhouse	-	-	Low	Low
11c3.6	NAI	PRN16350	Farmhouse	-	-	Low	Low
11c1.6	HTL	PRN4863	Farmhouse	-	-	Low	Low
11b1.17	HTL	PRN18283	Farmhouse	-	-	Low	Low
11b2.2	HTL	PRN1620	Farmstead	-	-	Low	Low
11b1.18	HTL	PRN21524	Firing Range	-	-	-	-
11b2.9	HTL	PRN20821	Firing Range	-	-	-	-
11b1.12	HTL	PRN10708	Flax Mill	-	-	Low	Low
11c3.4	HTL	PRN446	Fort	-	-	Medium	Low
11b1.14	NAI	PRN12820	Grange	-	-	Medium	Low
11b1.20	HTL	PRN15031	Gun Emplacement	-	-	-	-
11b1.12	HTL	PRN22716	Iron Works	-	-	Low	Low
11c3.2	NAI	PRN26507	Kiln	-	-	Low	Low
11c8.1	NAI	PRN507	Kiln	-	-	Low	Low
11b1.20	HTL	PRN21544	Lifeboat Station	-	-	Low	Medium
11b1.19	HTL	PRN15027	Lighthouse	-	-	Low	Medium
11b1.19	HTL	PRN21539	Lighthouse	-	-	Low	Medium
11c1.2	HTL	PRN5446	Lighthouse	-	-	Low	Medium
11c2.4	HTL	PRN10711	Lighthouse	-	-	Low	Medium
11c3.1	HTL	PRN4770	Lighthouse	-	-	Low	Medium
11b1.12	HTL	PRN22748	Lime Kiln	-	-	Low	Low
11b1.12	HTL	PRN22764	Lime Kiln	-	-	Low	Low
11b2.2	HTL	PRN5959	Lime Kiln	-	-	Low	Low
11b2.3	HTL	PRN5952	Lime Kiln	-	-	Low	Low
11c1.2	HTL	PRN5434	Lime Kiln	-	-	Low	Low
11c1.5	HTL	PRN5732	Lime Kiln	-	-	Low	Low
11c3.7	HTL	PRN11339	Lime Kiln	-	-	Low	Low
11c6.2	HTL	PRN20508	Lime Kiln	-	-	Low	Low
11c6.2	HTL	PRN4546	Lime Kiln	-	-	Low	Low
11c7.1	HTL	PRN5200	Lime Kiln	-	-	Low	Low
11c7.4	NAI	PRN20687	Lime Kiln	-	-	Low	Low
11c8.1	NAI	PRN12277	Lime Kiln	-	-	Low	Low
11c8.1	NAI	PRN7701	Lime Kiln	-	-	Low	Low
11c1.7	NAI	PRN5454	Lime Kiln	-	-	Low	Low
11b1.8	HTL	PRN6772	Malt Kiln	-	-	Low	Low
11b1.12	HTL	PRN22745	Malt Kiln	-	-	Low	Low
11b1.12	HTL	PRN12902	Mill	-	-	Low	Low
11b1.12	HTL	PRN22715	Mill	-	-	Low	Low
11c3.4	HTL	PRN4646	Mill	-	-	Low	Low
11c3.7	HTL	PRN11338	Mill	-	-	Low	Low

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11c7.4	NAI	PRN5204	Mill	-	-	Low	Low
11c3.4	HTL	PRN10257	Mill	-	-	Low	Low
11c3.3	NAI	PRN2505	Mill	-	-	Low	Low
11b1.17	HTL	PRN26642	Mill	-	-	Low	Low
11b1.16	HTL	PRN21570	Mortuary Chapel	-	-	Medium	Low
11c1.1	HTL	PRN20863	Mortuary Chapel	-	-	Medium	Low
11c1.1	HTL	PRN20864	Mortuary Chapel	-	-	Medium	Low
11c1.5	HTL	PRN21488	Mortuary Chapel	-	-	Medium	Low
11b1.11	HTL	PRN284	Motte and Bailey	-	-	Medium	Low
11b1.12	HTL	PRN108	Motte and Bailey	-	-	Medium	Low
11b1.12	HTL	PRN15205	Motte and Bailey	-	-	Medium	Low
11b1.12	HTL	PRN15206	Motte and Bailey	-	-	Medium	Low
11b1.12	HTL	PRN15201	Motte and Bailey	-	-	Medium	Low
11b1.21	HTL	PRN3643	Pier	-	-	Medium	Medium
11c1.4	HTL	PRN5451	Pier	-	-	Medium	Medium
11c6.2	HTL	PRN17051	Pillbox	-	-	-	-
11b1.11	HTL	PRN1449	Priory	-	-	Medium	Low
11c3.2	NAI	PRN4654	Quarry	-	-	Low	Low
11b1.12	HTL	PRN20277	Quay	-	-	Low	Medium
11b1.12	HTL	PRN6619	Quay	-	-	Low	Medium
11c1.5	HTL	PRN26333	Rectangular Enclosure	-	-	Medium	Low
11c1.4	HTL	PRN4280	Salt Works	-	-	Medium	Low
11c3.1	HTL	PRN19051	Salt Works	-	-	Medium	Low
11c7.1	HTL	PRN26017	Salt Works	-	-	Medium	Low
11c2.3	HTL	PRN221	Salt Works	-	-	Medium	Low
11c1.6	HTL	PRN19207	Salt Works	-	-	Medium	Low
11b1.12	HTL	PRN20380	Saw Mill	-	-	Low	Low
11b1.12	HTL	PRN22717	Saw Mill	-	-	Low	Low
11b1.12	HTL	PRN22735	Saw Mill	-	-	Low	Low
11b1.21	HTL	PRN21546	Saw Mill	-	-	Low	Low
11b2.3	HTL	PRN15085	Saw Mill	-	-	Low	Low
11b2.3	HTL	PRN15088	Saw Mill	-	-	Low	Low
11b2.3	HTL	PRN15092	Saw Mill	-	-	Low	Low
11c1.2	HTL	PRN20824	Saw Mill	-	-	Low	Low
11c3.1	HTL	PRN19047	Saw Mill	-	-	Low	Low
11c3.4	HTL	PRN21749	Saw Mill	-	-	Low	Low
11c3.4	HTL	PRN21770	Saw Mill	-	-	Low	Low
11c3.4	HTL	PRN21779	Saw Mill	-	-	Low	Low
11c3.4	HTL	PRN21783	Saw Mill	-	-	Low	Low
11c3.4	HTL	PRN4164	Saw Mill	-	-	Low	Low
11c6.2	HTL	PRN20495	Saw Mill	-	-	Low	Low
11b2.1	MR	PRN12842	Sea Defences	-	-	Medium	High
11c2.4	HTL	PRN23616	Sea Defences	-	-	Medium	High
11b2.3	HTL	PRN24277	Settlement	-	-	Medium	Low
11b2.3	HTL	PRN24278	Settlement	-	-	Medium	Low
11c1.6	HTL	PRN26399	Settlement	-	-	Medium	Low
11c2.4	HTL	PRN23611	Settlement	-	-	Medium	Low
11c3.4	HTL	PRN4643	Shipyard	-	-	Medium	Medium
11b1.13	HTL	PRN6657	Shipyard	-	-	Medium	Medium
11b1.12	HTL	PRN20381	Shipyard	-	-	Medium	Medium

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11b1.16	HTL	PRN19057	Shipyard	-	-	Medium	Medium
11c3.2	NAI	PRN5390	Stone Quarry	-	-	Low	Low
11c6.2	HTL	PRN4547	Stone Quarry	-	-	Low	Low
11c3.1	HTL	PRN25730	Tank Trap	-	-	-	-
11c3.1	HTL	PRN25730	Tank Trap	-	-	-	-
11b2.3	HTL	PRN15091	Timber Yard	-	-	Low	Low
11c3.4	HTL	PRN21685	Timber Yard	-	-	Low	Low
11c3.4	HTL	PRN21750	Timber Yard	-	-	Low	Low
11c3.4	HTL	PRN21756	Timber Yard	-	-	Low	Low
11c3.4	HTL	PRN21804	Timber Yard	-	-	Low	Low
11c3.4	HTL	PRN443	Watermill	-	-	Low	Low
11c3.2	NAI	PRN4723	Watermill	-	-	Low	Low
11c3.1	HTL	PRN4826	Watermill	-	-	Low	Low
11c1.5	HTL	PRN5948	Watermill	-	-	Low	Low
11b1.13	HTL	PRN1321	Watermill	-	-	Low	Low
11b1.14	NAI	PRN3525	Windmill	-	-	Low	Low
11b1.6	HTL	PRN6761	Windmill	-	-	Low	Low
11b1.14	NAI	PRN233	Windmill	-	-	Low	Low
11c2.4	HTL	PRN19053	Windmill	-	-	Low	Low
11c3.6	NAI	PRN4593	Windmill	-	-	Low	Low
11c6.2	HTL	PRN4563	Windmill	-	-	Low	Low
11c3.4	HTL	PRN4647	Windmill	-	-	Low	Low
11c2.3	HTL	PRN210	Windmill	-	-	Low	Low
11c2.3	HTL	PRN4815	Windmill	-	-	Low	Low
11b1.19	HTL	PRN2073	Wreck	-	-	-	-
11c1.1	HTL	PRN13384	Wreck	-	-	-	-
11c1.1	HTL	PRN26912	Wreck	-	-	-	-
11c1.1	HTL	PRN26913	Wreck	-	-	-	-
11c1.1	HTL	PRN26919	Wreck	-	-	-	-
11c1.1	HTL	PRN26921	Wreck	-	-	-	-
11c1.1	HTL	PRN26922	Wreck	-	-	-	-
11c1.2	HTL	PRN26906	Wreck	-	-	-	-
11c1.2	HTL	PRN26907	Wreck	-	-	-	-
11c1.2	HTL	PRN26908	Wreck	-	-	-	-
11c1.2	HTL	PRN26909	Wreck	-	-	-	-
11c1.2	HTL	PRN26910	Wreck	-	-	-	-
11c1.2	HTL	PRN26911	Wreck	-	-	-	-
11c1.2	HTL	PRN26916	Wreck	-	-	-	-
11c1.2	HTL	PRN26917	Wreck	-	-	-	-
11c1.2	HTL	PRN26918	Wreck	-	-	-	-
11c1.2	HTL	PRN26924	Wreck	-	-	-	-
11c1.3	HTL	PRN26025	Wreck	-	-	-	-
11c1.3	HTL	PRN26915	Wreck	-	-	-	-
11c1.3	HTL	PRN26920	Wreck	-	-	-	-
11c1.3	HTL	PRN26925	Wreck	-	-	-	-
11c1.4	HTL	PRN26930	Wreck	-	-	-	-
11c1.4	HTL	PRN26932	Wreck	-	-	-	-
11c1.7	NAI	PRN26927	Wreck	-	-	-	-
11c1.7	NAI	PRN26931	Wreck	-	-	-	-
11c2.1	HTL	PRN26914	Wreck	-	-	-	-
11c2.2	HTL	PRN26948	Wreck	-	-	-	-

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11c2.3	HTL	PRN26940	Wreck	-	-	-	-
11c2.3	HTL	PRN26943	Wreck	-	-	-	-
11c2.3	HTL	PRN26944	Wreck	-	-	-	-
11c2.3	HTL	PRN26945	Wreck	-	-	-	-
11c2.3	HTL	PRN26946	Wreck	-	-	-	-
11c2.3	HTL	PRN26947	Wreck	-	-	-	-
11c2.3	HTL	PRN26991	Wreck	-	-	-	-
11c2.3	HTL	PRN26952	Wreck	-	-	-	-
11c2.3	HTL	PRN26958	Wreck	-	-	-	-
11c2.3	HTL	PRN26960	Wreck	-	-	-	-
11c2.3	HTL	PRN26963	Wreck	-	-	-	-
11c2.3	HTL	PRN26964	Wreck	-	-	-	-
11c2.3	HTL	PRN26968	Wreck	-	-	-	-
11c2.3	HTL	PRN26969	Wreck	-	-	-	-
11c2.4	HTL	PRN988	Wreck	-	-	-	-
11c3.1	HTL	PRN13387	Wreck	-	-	-	-
11c3.4	HTL	PRN4637	Wreck	-	-	-	-
11c3.6	NAI	PRN2219	Wreck	-	-	-	-
11c5.1	NAI	PRN26934	Wreck	-	-	-	-
11c6.1	NAI	PRN26971	Wreck	-	-	-	-
11c6.1	NAI	PRN11359	Wreck	-	-	-	-
11b2.3	HTL	PRN11193	Wreck	-	-	-	-

Table 5: Cumbria County Council HER entries

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11c13.2	HTL	19856	Anti aircraft defences	324100	467300		
11e3.3	NAI	3692	Barrow	303530	535210	Medium	Medium
11c13.2	HTL	4371	Barrow	323760	467270	Medium	Medium
11e2.9	NAI	40486	Battery	298650	528475	-	-
11e3.1	HTL	12740	Battery	299000	529800	-	-
11e3.4	HTL	3838	Battery	303100	536600	-	-
11d5.1	HTL	5330	Bog Burial	304000	502000	High	Low
11e2.6	HTL	16395	Bombing Decoy	298900	525199	-	-
11e2.10	MR	16390	Bombing Decoy	298912	528700	-	-
11e3.1	HTL	16468	Bombing Decoy	299699	530101	-	-
11e3.1	HTL	16392	Bombing Decoy	299800	530400	-	-
11e3.2	HTL	1778	Bombing Decoy	300882	532873	-	-
11e3.2	HTL	12778	Bombing Decoy	301103	532500	-	-
11e5.1	NAI	19165	Bombing Range Marker	308199	547600	-	-
11c11.5	HTL	5324	Brick Kiln	330701	476400	Low	Low
11c12.1	HTL	16073	Brick Kiln	333820	478860	Low	Low
11c16.10	NAI	4367	Burial	317000	480000	Medium	Low
11d6.1	NAI	6849	Burial	296900	512100	Medium	Low
11c12.1	HTL	2386	Burial	333363	478103	Medium	Low
11e3.3	NAI	840	Burial	302550	534530	Medium	Low
11c13.1	NAI	2368	Cairn	328801	472601	Medium	Low
11e2.3	HTL	6238	Cairn	298000	520000	Medium	Low

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11e8.8	NAI	11268	Castle	334699	562451	Medium	Low
11e8.8	NAI	185	Castle	335393	561919	Medium/High	Medium
11d5.4	NAI	12213	Castle	301290	504471	Medium	Low
11e8.8	NAI	10109	Castle	335270	562030	Medium	Low
11e9.2	HTL	2489	Cave	348268	480203	Low	Medium
11c10.1	NAI	2381	Chapel	338998	475001	Medium	Low
11c13.1	NAI	2433	Chapel	330000	474000	Medium	Low
11c15.2	HTL	16272	Chapel	319220	468600	Medium	Low
11d6.2	NTL	4451	Chapel	296001	512001	Medium	Low
11e2.4	HTL	4472	Church	298275	520992	Medium	Low
11e2.11	HTL	1011	Church	299730	528955	Medium	Low
11e2.3	HTL	6389	Cist burial	298000	520000	Medium	Low
11e2.4	HTL	1019	Cist burial	298352	520955	Medium	Low
11e1.2	HTL	4764	Colliery	296650	517400	Low	Low
11e1.3	NAI	12840	Colliery	296880	517620	Low	Low
11e2.4	HTL	41975	Colliery	298680	523290	Low	Low
11e2.4	HTL	41976	Colliery	298790	523210	Low	Low
11e2.4	HTL	41977	Colliery	298920	523070	Low	Low
11e2.9	NAI	40487	Colliery	298801	528371	Low	Low
11c15.2	HTL	40872	Corn Mill	319510	469000	Low	Low
11e4.1	HTL	3695	Corn Mill	303600	537199	Low	Low
11e2.3	HTL	6239	Cremation burial	298300	520899	Medium	Low
11e8.1	NAI	357	Cremation Cemetery	317500	559931	Medium	Low
11e9.2	HTL	17368	Deserted Village	348731	480339	Medium	Low
11c15.3	NAI	2715	Deserted Village	319120	470580	Medium	Low
11c16.9	HTL	1485	Deserted Village	317100	481200	Medium	Low
11e4.1	HTL	818	Deserted Village	304302	536603	Medium	Low
11e5.1	NAI	628	Deserted Village	309120	548590	Medium	Low
11e6.2	HTL	17589	Deserted Village	312500	556100	Medium	Low
11c15.3	NAI	2711	Deserted Village	319650	472520	Medium	Low
11e2.10	MR	5315	Dock and Harbour Installation	298500	529400	High	Medium
11e3.4	HTL	3808	Dock and Harbour Installation	303100	536600	High	Medium
11e8.3	NAI	6295	Dock and Harbour Installation	324100	562200	High	Medium
11e3.4	HTL	4966	Dry Dock	303390	536500	High	Medium
11e8.6	HTL	19246	Enclosed Settlement	339230	475650	Medium	Low
11e6.3	NAI	9608	Enclosure	313040	556209	Medium	Low
11e4.3	NAI	3694	Enclosure	307300	539500	Medium	Low
11e4.3	NAI	3181	Enclosure	307700	540200	Medium	Low
11e5.1	NAI	618	Enclosure	307300	546899	Medium	Low
11e5.1	NAI	3185	Enclosure	309198	548302	Medium	Low
11d5.6	NAI	17834	Enclosure	297530	511200	Medium	Low
11d6.1	NAI	41853	Farm	296830	512040	Low	Low
11e8.2	NAI	41963	Farm	322395	562685	Low	Low
11e8.9	MR	41487	Farmstead	335490	564820	Low	Low
11e6.2	HTL	41712	Farmstead	311500	553950	Low	Low
11e2.3	HTL	5630	Fortlet	298200	520600	High	Low
11e6.2	HTL	4798	Frontier Defence	312250	555520	High	Low

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11e7.2	HTL	4413	Frontier Defence	312600	555830	High	Low
11e2.3	HTL	13673	Frontier Defence, Ditches, Pottery	298300	520801	High	Low
11e8.3	NAI	165	Frontier Defence, Milecastle	323590	562240	High	Low
11e8.3	NAI	168	Frontier Defence, Milecastle	324538	561346	High	Low
11e8.3	NAI	171	Frontier Defence, Milecastle	325660	560650	High	Low
11e8.4	NAI	384	Frontier Defence, Milecastle	326680	559880	High	Low
11e8.4	NAI	385	Frontier Defence, Milecastle	328117	559749	High	Low
11e8.4	NAI	386	Frontier Defence, Milecastle	329519	559690	High	Low
11e6.2	HTL	361	Frontier Defence, Milefort	311159	553880	High	Low
11e2.4	HTL	6436	Frontier Defence, Milefortlet	298939	524330	High	Low
11e4.3	NAI	3701	Frontier Defence, Milefortlet	307101	540500	High	Low
11e5.1	NAI	629	Frontier Defence, Milefortlet	309420	549711	High	Low
11e6.2	HTL	352	Frontier Defence, Milefortlet	311880	555200	High	Low
11e8.1	NAI	148	Frontier Defence, Milefortlet	319770	561480	High	Low
11e4.6	HTL	621	Frontier Defence, Signal Station	307800	545199	High	Low
11e2.4	HTL	1007	Frontier Defence, Signal Tower	298099	522200	High	Low
11e3.1	HTL	842	Frontier Defence, Signal Tower	300316	530380	High	Low
11e5.1	NAI	620	Frontier Defence, Signal Tower	308123	546550	High	Low
11e5.1	NAI	623	Frontier Defence, Signal Tower	308371	547510	High	Low
11e5.1	NAI	627	Frontier Defence, Signal Tower	309140	549290	High	Low
11e7.7	NAI	355	Frontier Defence, Signal Tower	317110	558820	High	Low
11e5.1	NAI	363	Frontier Defence, Turret	310672	552998	High	Low
11e6.2	HTL	362	Frontier Defence, Turret	310908	553427	High	Low
11e6.2	HTL	360	Frontier Defence, Turret	311390	554322	High	Low
11e6.2	HTL	359	Frontier Defence, Turret	311630	554749	High	Low
11e8.1	NAI	149	Frontier Defence, Turret	319470	561160	High	Low
11e8.1	NAI	160	Frontier Defence, Turret	321860	562669	High	Low
11e8.3	NAI	161	Frontier Defence, Turret	322830	562560	High	Low
11e8.3	NAI	162	Frontier Defence, Turret	323101	562299	High	Low
11e8.3	NAI	169	Frontier Defence, Turret	324310	561750	High	Low
11e8.3	NAI	383	Frontier Defence, Turret	326200	559970	High	Low
11e8.4	NAI	390	Frontier Defence, Turret	328540	559739	High	Low
11e8.4	NAI	389	Frontier Defence, Turret	329010	559720	High	Low
11e8.4	NAI	431	Frontier Defence, Turret	330019	559610	High	Low
11e5.1	NAI	626	Frontier Defence, Vicus	309040	548889	High	Low
11e3.1	HTL	16200	Gun Emplacement	299401	529700	-	-

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11d1.3	NAI	19850	Gunpost	313500	479699	-	-
11e2.3	HTL	40786	Hypocaust	298100	520900	High	Low
11c15.2	HTL	40873	Iron foundry	319560	469050	Low	Low
11e3.1	HTL	4663	Iron Works	299522	529782	Low	Low
11e3.4	HTL	3616	Jetty	303399	536400	Low	Medium
11c11.4	NAI	16012	Kiln	331050	477380	Low	Low
11e4.5	NAI	10079	Kiln	307980	544780	Low	Low
11e2.1	HTL	1669	Lighthouse	297034	518429	Low	Medium
11e3.4	HTL	10940	Lighthouse	302978	536771	Low	Medium
11e3.4	HTL	10945	Lighthouse	303032	536750	Low	Medium
11e8.3	NAI	10337	Lighthouse	324240	562540	Low	Medium
11c8.4	HTL	15852	Lime Kiln	346048	478153	Low	Low
11c8.4	HTL	15858	Lime Kiln	346190	478240	Low	Low
11c8.6	HTL	16109	Lime Kiln	339240	475829	Low	Low
11c9.1	HTL	12557	Lime Kiln	347613	478755	Low	Low
11c12.1	HTL	17772	Lime Kiln	333960	479441	Low	Low
11c12.2	HTL	16339	Lime Kiln	331380	482490	Low	Low
11c13.1	NAI	18072	Lime Kiln	327899	470130	Low	Low
11c13.1	NAI	18077	Lime Kiln	328460	473140	Low	Low
11c13.1	NAI	15992	Lime Kiln	328735	472638	Low	Low
11c13.2	HTL	16087	Lime Kiln	326122	468410	Low	Low
11c13.2	HTL	16086	Lime Kiln	326578	468693	Low	Low
11c13.2	HTL	16083	Lime Kiln	326972	469246	Low	Low
11c13.3	NAI	16246	Lime Kiln	323912	466097	Low	Low
11c14.1	NAI	18412	Lime Kiln	320840	463530	Low	Low
11c14.1	NAI	18413	Lime Kiln	321040	463230	Low	Low
11c14.2	HTL	16263	Lime Kiln	318263	469690	Low	Low
11c14.8	NAI	16261	Lime Kiln	317360	470660	Low	Low
11c15.2	HTL	41410	Lime Kiln	319494	468215	Low	Low
11c16.5	HTL	18159	Lime Kiln	322730	482440	Low	Low
11c16.7	HTL	18046	Lime Kiln	321050	485470	Low	Low
11c16.8	MR	12300	Lime Kiln	319090	486440	Low	Low
11c16.11	NAI	16804	Lime Kiln	318020	478379	Low	Low
11e2.2	HTL	11938	Lime Kiln	297349	519279	Low	Low
11e2.10	MR	40496	Lime Kiln	299127	528933	Low	Low
11c14.8	NAI	1496	Lithic Working Site	317530	473310	Medium	Low
11c9.2	HTL	2488	Long Barrow	348200	480200	Medium	Low
11c14.8	NAI	41881	Midden	317080	471850	Medium	Low
11e5.1	NAI	364	Milefortlet	310000	551112	High	Low
11e7.5	NAI	12485	Mill	321549	558211	Low	Low
11d5.6	NAI	3998	Motte	298200	509400	Medium	Low
11d5.4	NAI	5644	Motte	300842	505988	Medium	Low
11e5.1	NAI	4525	Mound	308800	546500	Medium	Low
11e8.3	NAI	156	Mound	323009	562751	Medium	Low
11e8.2	NAI	163	Pele Tower	322430	562595	Medium	Low
11c10.2	HTL	19831	Pillbox	337600	474600	-	-
11c10.2	HTL	19832	Pillbox	337900	474200	-	-
11c14.2	HTL	19804	Pillbox	318100	469203	-	-
11c14.2	HTL	16881	Pillbox	318200	467800	-	-
11c14.2	HTL	16882	Pillbox	318700	467699	-	-



Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11c14.2	HTL	16883	Pillbox	318800	467800	-	-
11c15.2	HTL	16884	Pillbox	318900	468699	-	-
11c15.2	HTL	16889	Pillbox	319606	467760	-	-
11c15.2	HTL	16887	Pillbox	319745	467828	-	-
11c15.2	HTL	16902	Pillbox	320500	468100	-	-
11c15.2	HTL	16903	Pillbox	320501	468300	-	-
11c15.2	HTL	16904	Pillbox	320600	467900	-	-
11c15.3	NAI	16894	Pillbox	318899	471199	-	-
11c15.3	NAI	16895	Pillbox	318900	472100	-	-
11c15.3	NAI	16896	Pillbox	319078	472736	-	-
11c16.2	HTL	19855	Pillbox	320799	478201	-	-
11d1.3	NAI	19836	Pillbox	313456	479161	-	-
11d4.1	NAI	16875	Pillbox	304799	498501	-	-
11d4.1	NAI	16874	Pillbox	304800	499401	-	-
11e2.2	HTL	6306	Pillbox	297199	519200	-	-
11e2.2	HTL	6305	Pillbox	297400	519500	-	-
11e2.4	HTL	12788	Pillbox	298808	524504	-	-
11e2.8	HTL	12787	Pillbox	298800	527500	-	-
11e3.1	HTL	16213	Pillbox	299802	530802	-	-
11e3.4	HTL	15256	Pillbox	302799	536500	-	-
11e3.4	HTL	15254	Pillbox	303001	536799	-	-
11e3.4	HTL	15257	Pillbox	303301	536601	-	-
11e3.4	HTL	6307	Pillbox	303389	536285	-	-
11e3.4	HTL	15255	Pillbox	303401	536500	-	-
11e4.5	NAI	1851	Pillbox	307900	544601	-	-
11e6.1	HTL	15213	Pillbox	310440	553600	-	-
11e6.2	HTL	15214	Pillbox	310800	553500	-	-
11e6.2	HTL	15209	Pillbox	311099	553399	-	-
11e6.2	HTL	15210	Pillbox	311100	554100	-	-
11e6.2	HTL	15218	Pillbox	311490	554599	-	-
11e6.2	HTL	15220	Pillbox	311598	554497	-	-
11e6.2	HTL	15227	Pillbox	311601	555198	-	-
11e6.2	HTL	15211	Pillbox	311700	554001	-	-
11e6.2	HTL	15212	Pillbox	311901	554198	-	-
11e6.2	HTL	15219	Pillbox	311931	553700	-	-
11e6.2	HTL	15226	Pillbox	312000	555100	-	-
11e6.2	HTL	15221	Pillbox	312000	554600	-	-
11e6.2	HTL	15217	Pillbox	312111	554301	-	-
11e6.2	HTL	15223	Pillbox	312200	554499	-	-
11e6.2	HTL	15222	Pillbox	312300	554600	-	-
11e6.3	NAI	3893	Pillbox	313799	556701	-	-
11e6.3	NAI	15225	Pillbox	314400	556501	-	-
11e6.3	NAI	4946	Pillbox	314401	556801	-	-
11e7.2	HTL	15228	Pillbox	312800	555400	-	-
11e7.2	HTL	15229	Pillbox	313000	555401	-	-
11e7.2	HTL	15231	Pillbox	313200	555401	-	-
11e7.2	HTL	15230	Pillbox	313300	555300	-	-
11e7.2	HTL	15224	Pillbox	313700	554700	-	-
11e8.5	NAI	15252	Pillbox	332481	561686	-	-
11e8.9	MR	16859	Pillbox	335600	564800	-	-
11c15.1	NAI	16899	Pillbox	320300	467100	-	-

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11c13.1	NAI	3148	Port	328802	471599	Medium	Medium
11e8.5	NAI	194	Port	333150	561650	Medium	Medium
11e4.2	HTL	4414	Quarry	304299	537901	Low	Low
11c14.8	NAI	19874	Rifle range	317000	470798	-	-
11e4.3	NAI	813	Ring Ditch	305901	538900	-	-
11e4.2	HTL	16568	Roman Vicus	304000	537500	Medium	Low
11c8.4	HTL	13615	Salt Works	346000	478800	Medium	Low
11c15.2	HTL	2594	Salt Works	321680	468800	Medium	Low
11c16.9	HTL	41709	Salt Works	317400	480900	Medium	Low
11d5.6	NAI	13926	Salt Works	296900	510850	Medium	Low
11e1.1	NAI	2910	Salt Works	296300	517300	Medium	Low
11e1.1	NAI	1193	Salt Works	296300	517300	Medium	Low
11e2.1	HTL	5554	Salt Works	296900	518299	Medium	Low
11e2.1	HTL	41708	Salt Works	297300	518800	Medium	Low
11e2.4	HTL	41706	Salt Works	298600	524200	Medium	Low
11e2.8	HTL	41705	Salt Works	298700	526600	Medium	Low
11e2.9	NAI	40489	Salt Works	298510	528950	Medium	Low
11e3.2	HTL	13648	Salt Works	302299	534300	Medium	Low
11e4.2	HTL	4716	Salt Works	304600	538290	Medium	Low
11e7.4	NAI	41699	Salt Works	319900	556100	Medium	Low
11e8.2	NAI	41695	Salt Works	322000	563000	Medium	Low
11e8.4	NAI	4567	Salt Works	329000	560000	Medium	Low
11e8.4	NAI	2910	Salt Works	329000	560000	Medium	Low
11e8.4	NAI	5309	Salt Works	329000	560000	Medium	Low
11e8.9	MR	41694	Salt Works	333900	563700	Medium	Low
11e4.5	NAI	41704	Salt Works	307700	544900	Medium	Low
11e7.4	NAI	41697	Salt Works	321000	557000	Medium	Low
11e7.5	NAI	41696	Salt Works	320685	558285	Medium	Low
11e7.5	NAI	41698	Salt Works	322000	557500	Medium	Low
11c12.2	HTL	16342	Saw Mill	331459	482630	Low	Low
11c16.5	HTL	18153	Saw Mill	323470	482205	Low	Low
11e3.3	NAI	10950	Saw Mill	303581	536241	Low	Low
11e3.4	HTL	3067	Saw Mill	303270	536501	Low	Low
11c16.9	HTL	41743	Sea Defences	318279	482441	Medium	High
11c15.3	NAI	5385	Settlement	319198	472499	Medium	Low
11e2.3	HTL	5121	Settlement	298599	520300	Medium	Low
11e4.2	HTL	789	Settlement	304603	538002	Medium	Low
11e4.3	NAI	3045	Settlement	307999	540201	Medium	Low
11e5.1	NAI	592	Settlement	308800	547800	Medium	Low
11e5.1	NAI	3699	Settlement	308901	548400	Medium	Low
11e8.1	NAI	3284	Settlement	321300	562299	Medium	Low
11e8.3	NAI	3293	Settlement	323100	562600	Medium	Low
11e9.3	HTL	3371	Shrunken Village	349000	481300	Medium	Low
11e7.4	NAI	371	Shrunken Village	319801	555199	Medium	Low
11c15.3	NAI	41768	Slag Works	318988	471578	Low	Low
11c13.1	NAI	5626	Square Enclosure	328700	473199	Medium	Low
11c13.2	HTL	4803	Square Enclosure	325999	469499	Medium	Low
11e8.8	NAI	5393	Stone Circle	334730	561920	Medium	Low
11d5.6	NAI	4674	Submarine Forest	296700	510800	Medium	Medium
11e2.7	HTL	12777	Tank Trap	298700	526500	-	-

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special interest	Risk
11c12.2	HTL	16344	Tannery	331340	482601	Low	Low
11e4.1	HTL	793	Temple	303760	537380	Medium	Low
11e4.2	HTL	825	Temple	303820	537421	Medium	Low
11e8.3	NAI	4585	Temple	323970	562290	Medium	Low
11e4.3	NAI	41727	Tile kiln	308020	542090	Low	Low
11c15.2	HTL	16245	Timber Yard	320100	468449	Low	Low
11e8.3	NAI	4595	Turret	324080	562281	Low	Low
11e8.2	NAI	13653	Vallum	322390	562610	High	Low
11e5.1	NAI	10009	Watermill	309040	549150	Low	Low
11e7.7	NAI	41725	Watermill	317850	557680	Low	Low
11c14.2	HTL	2723	Windmill	317900	469598	Low	Low
11c14.8	NAI	16262	Windmill	317300	470900	Low	Low
11e1.2	HTL	19092	Windmill	297260	517400	Low	Low
11e1.3	NAI	11964	Windmill	296850	517851	Low	Low
11e8.2	NAI	10213	Windmill	322200	562710	Low	Low
11c14.6	NAI	19876	WW defences	317300	468900	-	-

Table 6: NMR entries

Policy Unit	Policy	NMR UID	Site Type	Easting	Northing	Special Interest	Risk
11c4.3	NAI	1484489	Aircraft obstruction	340190	456120	-	-
11a7.4	HTL	1464364	Aircraft obstructions	353550	384310	-	-
11b1.2	HTL	1480280	Aircraft obstructions	335700	421400	-	-
11c2.3	HTL	1484160	Aircraft obstructions	341600	452500	-	-
11d1.3	NAI	1434080	Aircraft wreck	312500	480000	-	-
11d1.3	NAI	1432933	Aircraft wreck	313001	479000	-	-
11a7.8	NAI	1410985	Airfield defence	341400	383300	-	-
11a8.3	HTL	1476647	Air-Raid Shelter	330000	403170	-	-
11b1.12	HTL	1481461	Air-Raid Shelter	350030	430200	-	-
11a7.3	HTL	1464651	Air-Raid Shelter	340310	377180	-	-
11a7.3	HTL	1466692	Air-Raid Shelter	336510	380740	-	-
11a7.6	HTL	1412950	Air-Raid Shelter	352300	385900	-	-
11b1.17	HTL	1480924	Air-Raid Shelter	335400	426960	-	-
11b1.17	HTL	1480930	Air-Raid Shelter	336920	427490	-	-
11b1.17	HTL	1481144	Air-Raid Shelter	334610	427740	-	-
11c16.10	NAI	1491150	Air-Raid Shelter	317730	480130	-	-
11e1.3	NAI	1494614	Air-Raid Shelter	296970	517980	-	-
11e2.1	HTL	1417657	Air-Raid Shelter	297500	518100	-	-
11e2.1	HTL	1417658	Air-Raid Shelter	297400	518400	-	-
11e2.1	HTL	1494607	Air-Raid Shelter	297680	518440	-	-
11b1.18	HTL	1481139	Air-Raid Shelter	334160	427590	-	-
11b1.18	HTL	1481131	Air-Raid Shelter	334450	427360	-	-
11a7.9	HTL	1411396	Air-Raid Shelters	340000	384000	-	-
11a7.9	HTL	1465122	Air-Raid Shelters	340680	384190	-	-
11c16.2	HTL	1490399	Air-Raid Shelters	321390	477220	-	-
11e1.1	NAI	1494615	Air-Raid Shelters	296700	516670	-	-
11e2.2	HTL	1494602	Air-Raid Shelters	297820	519300	-	-
11e2.8	HTL	1494961	Air-Raid Shelters	298970	526910	-	-

Policy Unit	Policy	NMR UID	Site Type	Easting	Northing	Special Interest	Risk
11b1.8	HTL	1481683	Anti glider ditches	346030	425600	-	-
11a8.2	MR	1472947	Anti-Aircraft Battery	330502	402400	-	-
11a8.2	MR	1476726	Anti-Aircraft Battery	329690	402020	-	-
11b2.2	HTL	1471583	Anti-Aircraft Battery	331300	433800	-	-
11c13.2	HTL	1489978	Anti-Aircraft Battery	324140	467160	-	-
11c14.2	HTL	1473696	Anti-Aircraft Battery	318600	468500	-	-
11c14.3	NAI	1471349	Anti-Aircraft Battery	321196	461987	Medium	High
11c14.5	NAI	1471337	Anti-Aircraft Battery	318300	466300	-	-
11c14.7	MR	1471334	Anti-Aircraft Battery	317300	470100	-	-
11c15.1	NAI	1471345	Anti-Aircraft Battery	320200	467100	Medium	High
11c15.2	HTL	1473698	Anti-Aircraft Battery	320500	467900	-	-
11c15.2	HTL	1416229	Anti-Aircraft Battery	320400	468200	-	-
11c16.2	HTL	1471350	Anti-Aircraft Battery	321000	478200	-	-
11c4.3	NAI	1472297	Anti-Aircraft Battery	342300	456300	-	-
11c6.1	NAI	1472296	Anti-Aircraft Battery	341000	461300	-	-
11b1.13	HTL	1427350	Anti-Landing Obstacle	344000	428000	-	-
11e2.7	HTL	1417655	Anti-Tank Blocks	298700	526500	-	-
11a7.9	HTL	1421391	Anti-Tank Cubes	340000	385000	-	-
11b1.18	HTL	1427344	Anti-Tank Pimples	333600	427400	-	-
11a7.9	HTL	1411397	Balloon mooring	336540	386960	-	-
11a7.9	HTL	1411401	Balloon mooring	337140	386540	-	-
11a7.9	HTL	1411402	Balloon mooring	337520	386150	-	-
11a7.6	HTL	1463045	Barbed wire obstruction	352430	385620	-	-
11a7.3	HTL	1462762	Barrage Balloon site	350780	380180	-	-
11a7.3	HTL	1462793	Barrage Balloon site	350330	380930	-	-
11a7.3	HTL	1462841	Barrage Balloon site	350410	382820	-	-
11a7.4	HTL	1463911	Barrage Balloon site	356000	384190	-	-
11a7.4	HTL	1462513	Barrage Balloon site	356230	385130	-	-
11a7.4	HTL	1462521	Barrage Balloon site	356960	385680	-	-
11a7.4	HTL	1462912	Barrage Balloon site	352280	383150	-	-
11a7.4	HTL	1464330	Barrage Balloon site	352690	383450	-	-
11a7.6	HTL	1462884	Barrage Balloon site	351130	384350	-	-
11a7.6	HTL	1463050	Barrage Balloon site	353980	385580	-	-
11a7.6	HTL	1463085	Barrage Balloon site	354640	385920	-	-
11a7.6	HTL	1463976	Barrage Balloon site	352490	385970	-	-
11a7.6	HTL	1463980	Barrage Balloon site	352490	385970	-	-
11a7.6	HTL	1463993	Barrage Balloon site	353130	385760	-	-
11a7.7	HTL	1462490	Barrage Balloon site	349100	383800	-	-
11a7.7	HTL	1462851	Barrage Balloon site	350530	384050	-	-
11a7.7	HTL	1462855	Barrage Balloon site	350210	384180	-	-
11a7.8	NAI	1465147	Barrage Balloon site	342440	382320	-	-
11a7.9	HTL	1464485	Barrage Balloon site	340600	383860	-	-
11a7.9	HTL	1466005	Barrage Balloon site	338240	385610	-	-
11a7.9	HTL	1466108	Barrage Balloon site	335370	387810	-	-
11a8.1	HTL	1476615	Barrage Balloon site	331390	398210	-	-
11c14.1	NAI	1489074	Barrage Balloon site	319270	465840	-	-
11c14.2	HTL	1489082	Barrage Balloon site	318840	466450	-	-
11c14.2	HTL	1488683	Barrage Balloon site	318330	470020	-	-
11c14.2	HTL	1489136	Barrage Balloon site	318500	468490	-	-
11c14.6	NAI	1489105	Barrage Balloon site	318090	466990	-	-

Policy Unit	Policy	NMR UID	Site Type	Easting	Northing	Special Interest	Risk
11c14.8	NAI	1488685	Barrage Balloon site	318150	470860	-	-
11c15.2	HTL	1489050	Barrage Balloon site	318850	469640	-	-
11c15.2	HTL	1489878	Barrage Balloon site	320640	468770	-	-
11c15.2	HTL	1489017	Barrage Balloon site	319170	468850	-	-
11c15.2	HTL	1489030	Barrage Balloon site	319790	468990	-	-
11c15.3	NAI	1488677	Barrage Balloon site	319130	470670	-	-
11c14.8	NAI	1383783	Battle HQ	317610	470710	-	-
11b2.1	MR	1480807	Beach defences	330600	431200	-	-
11a9.1	MR	1479038	Bomb Crater	327300	407790	-	-
11a7.6	HTL	1464017	Bomb Crater	353927	385347	-	-
11a7.7	HTL	1462559	Bomb Crater	349260	384350	-	-
11a7.9	HTL	1465129	Bomb Crater	340540	384070	-	-
11a8.2	MR	1476662	Bomb Crater	330540	402140	-	-
11c15.1	NAI	1490017	Bomb Crater	323240	466110	-	-
11d4.1	NAI	1492516	Bomb Crater	304860	499070	-	-
11a7.3	HTL	1466697	Bomb Craters	336390	380970	-	-
11c5.2	HTL	1485046	Bomb Craters	341600	460540	-	-
11d3.3	NAI	1492590	Bomb Craters	307060	496700	-	-
11a9.1	MR	1478976	Bomb Craters	330700	414100	-	-
11b1.12	HTL	1469011	Bombing Decoy	347000	428800	-	-
11a9.1	MR	1468214	Bombing Decoy	328400	404800	-	-
11c14.1	NAI	1459741	Bombing Decoy	319900	464202	-	-
11c15.1	NAI	1459740	Bombing Decoy	323500	467000	-	-
11d1.4	NAI	1469360	Bombing Decoy	308300	487900	-	-
11c3.6	NAI	1468805	Bombing Decoy	344500	458100	-	-
11d3.3	NAI	1469369	Bombing Decoy	307100	496800	-	-
11e3.2	HTL	1413056	Bombing Decoy	301100	532500	-	-
11c14.4	HTL	1488310	Bombing Range	320180	463330	-	-
11c2.2	HTL	1484030	Bombing Range	337500	449550	-	-
11c16.9	HTL	1491141	Bombing Range Marker	319410	483490	-	-
11c2.3	HTL	1484175	Bombing Range Marker	343020	450000	-	-
11c2.3	HTL	1484178	Bombing Range Marker	342930	451420	-	-
11c7.5	NAI	1486119	Bombing Range Marker	347640	473430	-	-
11c16.9	HTL	1491142	Bombing Range Target	319740	482340	-	-
11c7.5	NAI	1486126	Bombing Range Target	346870	472590	-	-
11a7.3	HTL	906619	British Barge	336983	383539	-	-
11a7.3	HTL	906625	British Barge	336732	384161	-	-
11a7.9	HTL	906617	British Barge	339471	382858	-	-
11a8.3	HTL	1364723	British Craft	328180	402800	-	-
11b1.20	HTL	1364736	British Craft	331870	428520	-	-
11a8.2	MR	1425941	Coastal Battery	329681	402327	-	-
11b1.18	HTL	1427345	Coastal Battery	333500	427300	-	-
11b1.18	HTL	1486735	Coastal Battery	333700	427300	-	-
11c1.2	HTL	1486754	Coastal Battery	332600	448300	-	-
11c14.1	NAI	1429214	Coastal Battery	323011	462031	-	-
11c14.6	NAI	1484449	Coastal Battery	317300	469100	-	-
11e2.2	HTL	1427840	Coastal Battery	297300	519500	-	-
11e3.1	HTL	1427839	Coastal Battery	299000	529800	-	-
11e3.2	HTL	1495736	Coastal Defence System	301710	533330	-	-
11a7.8	NAI	69741	Duck decoy pond	347800	382680	-	-

Policy Unit	Policy	NMR UID	Site Type	Easting	Northing	Special Interest	Risk
11b2.2	HTL	1480849	Emergency water supply	331170	434710	-	-
11b2.2	HTL	1480863	Emergency water supply	330570	432500	-	-
11c14.2	HTL	1489131	Emergency water supply	318190	468330	-	-
11c15.2	HTL	1489043	Emergency water supply	319390	469640	-	-
11c15.2	HTL	1489039	Emergency water supply	319130	469590	-	-
11c15.2	HTL	1489881	Emergency water supply	320420	468800	-	-
11c15.2	HTL	1489034	Emergency water supply	319780	469470	-	-
11c15.2	HTL	1489046	Emergency water supply	319030	469270	-	-
11a9.1	MR	1479071	Firing Range	327630	405730	-	-
11b2.7	HTL	1483224	Firing Range	331460	444520	-	-
11c14.8	NAI	1488708	Firing Range	316900	471300	-	-
11c14.8	NAI	1488714	Firing Range	318140	470910	-	-
11c7.4	NAI	1485746	Firing Range	348260	469900	-	-
11d4.1	NAI	1413082	Firing Range	304400	499200	-	-
11a7.5	HTL	1460958	Flint glassworks	359837	387929	-	-
11a7.9	HTL	1359366	Gas holder	335310	387980	-	-
11a7.9	HTL	1359388	Gas holder	340410	384200	-	-
11a7.9	HTL	1359411	Gas holder	335330	387670	-	-
11b1.19	HTL	1427346	Gun Emplacement	332400	427900	-	-
11c1.2	HTL	1427342	Gun Emplacement	332200	448200	-	-
11c1.2	HTL	1427341	Gun Emplacement	332600	448200	-	-
11c15.3	NAI	1488680	Gun Emplacement	318890	470640	-	-
11c2.2	HTL	1483629	Gun Emplacement	338610	450000	-	-
11c2.2	HTL	1484058	Gun Emplacement	337480	449600	-	-
11c2.2	HTL	1484062	Gun Emplacement	336960	449390	-	-
11c2.2	HTL	1427343	Gun Emplacement	338321	449891	-	-
11c2.3	HTL	1483580	Gun Emplacement	339100	450070	-	-
11a8.1	HTL	1476611	Gun Post	330730	398800	-	-
11a7.9	HTL	1411400	Heavy Anti-Aircraft Battery	337200	386900	-	-
11a7.8	NAI	1419539	HQ	341500	383500	-	-
11a9.1	MR	1479031	Military Building	328940	405210	-	-
11a7.3	HTL	1462572	Military Building	349520	381110	-	-
11a7.3	HTL	1467765	Military Building	339050	378300	-	-
11a7.7	HTL	1462549	Military Building	349300	384120	-	-
11b1.19	HTL	1482774	Military Building	332990	427640	-	-
11b2.1	MR	1480798	Military Building	330490	431670	-	-
11c14.3	NAI	1488323	Military Building	322290	461870	-	-
11c14.5	NAI	1489098	Military Building	318540	466290	-	-
11c14.7	MR	1489791	Military Building	317730	469400	-	-
11c3.2	NAI	1484508	Military Building	346100	458950	-	-
11e2.9	NAI	1494934	Military Building	299290	527900	-	-
11a7.3	HTL	1464193	Military Buildings	349520	378980	-	-
11b2.3	HTL	1482874	Military Buildings	330720	438610	-	-
11c1.8	HTL	1484014	Military Buildings	335700	448220	-	-
11c12.1	HTL	1439252	Military Buildings	334600	483600	-	-
11c15.2	HTL	1488996	Military Buildings	319590	467720	-	-
11c15.2	HTL	1488678	Military Buildings	319260	470060	-	-
11c15.2	HTL	1489985	Military Buildings	320440	467840	-	-
11a8.3	HTL	1476644	Military Buildings	330360	403270	-	-
11a7.9	HTL	1466059	Military Camp	337180	386970	-	-

Policy Unit	Policy	NMR UID	Site Type	Easting	Northing	Special Interest	Risk
11c14.2	HTL	1488694	Military Camp	318050	470250	-	-
11e2.11	HTL	1494874	Military Camp	299790	529710	-	-
11a8.4	HTL	1476711	Minefield	329790	404200	-	-
11e3.1	HTL	1496565	Minefield	299810	531160	-	-
11a9.1	MR	1479083	Observation Post	327740	405530	-	-
11b1.1	HTL	1414126	Observation Post	332400	416640	-	-
11c2.4	HTL	1484184	Observation post	342920	453090	-	-
11b1.12	HTL	1481420	Pillbox	350060	429450	-	-
11b1.12	HTL	1481452	Pillbox	350550	430490	-	-
11b1.12	HTL	1481593	Pillbox	349880	430820	-	-
11b1.12	HTL	1481421	Pillbox	350030	429760	-	-
11b1.12	HTL	1481664	Pillbox	349720	429270	-	-
11b1.12	HTL	1481659	Pillbox	349910	429960	-	-
11b1.12	HTL	1481690	Pillbox	347700	429720	-	-
11b1.12	HTL	1427359	Pillbox	347971	429762	-	-
11a7.3	HTL	1398081	Pillbox	336310	379990	-	-
11a7.3	HTL	1427955	Pillbox	336310	379990	-	-
11a7.3	HTL	1464661	Pillbox	342032	377070	-	-
11a7.3	HTL	1467761	Pillbox	338810	378930	-	-
11a7.3	HTL	1467762	Pillbox	338640	378610	-	-
11a7.3	HTL	1467764	Pillbox	338790	378450	-	-
11a7.3	HTL	1467770	Pillbox	339140	377860	-	-
11a7.4	HTL	1462971	Pillbox	354084	383892	-	-
11a7.9	HTL	1421390	Pillbox	339192	384442	-	-
11a7.9	HTL	1421392	Pillbox	337340	386890	-	-
11a7.9	HTL	1467451	Pillbox	336350	386840	-	-
11a8.1	HTL	1476607	Pillbox	330380	399680	-	-
11a8.1	HTL	1476614	Pillbox	331130	398440	-	-
11a8.2	MR	1425940	Pillbox	330600	401850	-	-
11b1.16	HTL	1480933	Pillbox	337790	427350	-	-
11b1.16	HTL	1480941	Pillbox	338240	428000	-	-
11b1.16	HTL	1480945	Pillbox	337880	427310	-	-
11b1.17	HTL	1480934	Pillbox	335020	427770	-	-
11b1.21	HTL	1481102	Pillbox	331410	429340	-	-
11b2.1	MR	1480797	Pillbox	330850	430640	-	-
11b2.1	MR	1480800	Pillbox	330640	431210	-	-
11b2.7	HTL	1483217	Pillbox	331720	444600	-	-
11c1.2	HTL	1483483	Pillbox	332740	447030	-	-
11c1.2	HTL	1483498	Pillbox	332980	448130	-	-
11c1.2	HTL	1483490	Pillbox	332350	447890	-	-
11c1.4	HTL	1483513	Pillbox	333220	446540	-	-
11c10.2	HTL	1418905	Pillbox	337600	474600	-	-
11c10.2	HTL	1422306	Pillbox	337900	474300	-	-
11c13.2	HTL	1489991	Pillbox	324370	466580	-	-
11c14.2	HTL	1489110	Pillbox	318720	467670	-	-
11c14.2	HTL	1418890	Pillbox	318100	469400	-	-
11c14.2	HTL	1489119	Pillbox	318010	467860	-	-
11c14.2	HTL	1489148	Pillbox	317950	468260	-	-
11c14.2	HTL	1489705	Pillbox	318300	469600	-	-
11c14.2	HTL	1383787	Pillbox	318190	469450	-	-
11c14.2	HTL	1489115	Pillbox	318310	467730	-	-

Policy Unit	Policy	NMR UID	Site Type	Easting	Northing	Special Interest	Risk
11c14.5	NAI	1489101	Pillbox	318240	466590	-	-
11c14.6	NAI	1489765	Pillbox	317510	469130	-	-
11c14.6	NAI	1489759	Pillbox	317640	469010	-	-
11c14.6	NAI	1489511	Pillbox	317570	468550	-	-
11c14.6	NAI	1489769	Pillbox	317470	469090	-	-
11c14.6	NAI	1429754	Pillbox	317500	468400	-	-
11c14.7	MR	1429755	Pillbox	317200	469500	-	-
11c14.7	MR	1489743	Pillbox	317240	469210	-	-
11c14.8	NAI	1488713	Pillbox	317970	470970	-	-
11c14.8	NAI	1488688	Pillbox	317230	472770	-	-
11c14.8	NAI	1488690	Pillbox	317300	470260	-	-
11c15.1	NAI	1443553	Pillbox	320337	467096	-	-
11c15.2	HTL	1489995	Pillbox	322170	468330	-	-
11c15.2	HTL	1489009	Pillbox	319060	468330	-	-
11c15.2	HTL	1443562	Pillbox	319315	467956	-	-
11c15.2	HTL	1490001	Pillbox	322280	468540	-	-
11c15.2	HTL	1443548	Pillbox	320177	467939	-	-
11c15.2	HTL	1429747	Pillbox	319658	467574	-	-
11c15.2	HTL	1488992	Pillbox	319870	467620	-	-
11c15.2	HTL	1429749	Pillbox	319738	467819	-	-
11c15.2	HTL	1489027	Pillbox	318880	469160	-	-
11c15.2	HTL	1489962	Pillbox	320500	468290	-	-
11c15.2	HTL	1429750	Pillbox	320352	468084	-	-
11c15.2	HTL	1489987	Pillbox	321010	467770	-	-
11c15.2	HTL	1489993	Pillbox	321660	468510	-	-
11c15.2	HTL	1443552	Pillbox	320284	467202	-	-
11c15.2	HTL	1489006	Pillbox	319430	467970	-	-
11c15.2	HTL	1429751	Pillbox	320400	468200	-	-
11c15.2	HTL	1489896	Pillbox	321660	468510	-	-
11c15.2	HTL	1489013	Pillbox	319000	468560	-	-
11c15.2	HTL	1490013	Pillbox	320220	467660	-	-
11c15.2	HTL	1443550	Pillbox	320366	467756	-	-
11c15.2	HTL	1443545	Pillbox	320512	468236	-	-
11c15.2	HTL	1488722	Pillbox	318790	470210	-	-
11c15.2	HTL	1443563	Pillbox	319128	468222	-	-
11c15.2	HTL	1443549	Pillbox	320536	467810	-	-
11c15.3	NAI	1488659	Pillbox	319280	474090	-	-
11c15.3	NAI	1488663	Pillbox	318980	472340	-	-
11c15.3	NAI	1488682	Pillbox	318920	471740	-	-
11c15.3	NAI	1488662	Pillbox	319070	472670	-	-
11c15.3	NAI	1488669	Pillbox	319100	471080	-	-
11c15.3	NAI	1488664	Pillbox	318880	471990	-	-
11c15.3	NAI	1488660	Pillbox	319100	473340	-	-
11c15.3	NAI	1488667	Pillbox	318860	471850	-	-
11c16.1	NAI	1490547	Pillbox	317150	477990	-	-
11c16.10	NAI	1490498	Pillbox	318650	479690	-	-
11d1.1	HTL	1490547	Pillbox	317150	477990	-	-
11c2.1	HTL	1484027	Pillbox	335820	448790	-	-
11c3.1	HTL	1427235	Pillbox	344500	456200	-	-
11c3.1	HTL	1427236	Pillbox	345100	455900	-	-
11c3.1	HTL	1427238	Pillbox	344900	455900	-	-



Policy Unit	Policy	NMR UID	Site Type	Easting	Northing	Special Interest	Risk
11c3.1	HTL	1427353	Pillbox	344900	456000	-	-
11c3.1	HTL	1427394	Pillbox	345971	455763	-	-
11c3.2	NAI	1484651	Pillbox	345580	457150	-	-
11c3.2	NAI	1484669	Pillbox	345680	456360	-	-
11c4.3	NAI	1484478	Pillbox	342620	455720	-	-
11c5.1	NAI	1484497	Pillbox	340410	459150	-	-
11c6.2	HTL	1427237	Pillbox	343200	464500	-	-
11c6.2	HTL	1427362	Pillbox	343900	464900	-	-
11c6.2	HTL	1427232	Pillbox	343413	464589	-	-
11c8.1	NAI	1486101	Pillbox	346130	474720	-	-
11c8.5	HTL	1487293	Pillbox	343100	479120	-	-
11d1.3	NAI	1490628	Pillbox	312700	479970	-	-
11d1.5	NAI	1490910	Pillbox	308670	487390	-	-
11e1.3	NAI	1494725	Pillbox	296560	517930	-	-
11e2.11	HTL	1417644	Pillbox	299900	529600	-	-
11e2.11	HTL	1494919	Pillbox	299200	529050	-	-
11e2.4	HTL	1495292	Pillbox	298200	523250	-	-
11e2.4	HTL	1495306	Pillbox	298220	523330	-	-
11e2.5	HTL	1495320	Pillbox	298830	524880	-	-
11e2.8	HTL	1417642	Pillbox	298900	527400	-	-
11e2.8	HTL	1418897	Pillbox	299000	527050	-	-
11e2.8	HTL	1418898	Pillbox	298800	526900	-	-
11e2.8	HTL	1494954	Pillbox	299160	527030	-	-
11e3.1	HTL	1417643	Pillbox	299800	530800	-	-
11c3.7	HTL	1427234	Pillbox	341700	456900	-	-
11a7.8	NAI	1464529	Pillboxes	342610	382460	-	-
11a7.9	HTL	1467418	Pillboxes	335320	387290	-	-
11c1.2	HTL	1483570	Pillboxes	332730	446330	-	-
11b2.3	HTL	1482880	Practice trench	331610	439350	-	-
11c14.8	NAI	1488706	Practice trenches	316870	471710	Medium	Medium
11a8.2	MR	1475724	Prisoner of war camp	329600	402500	-	-
11a9.1	MR	1413887	Radar Station	327461	405791	-	-
11b2.3	HTL	1477011	Radar Station	330500	436100	-	-
11a9.1	MR	1477507	Radar Station	327500	409800	-	-
11b1.15	HTL	1480947	Rifle ranges	339040	427570	-	-
11a9.1	MR	1479224	Road Block	332110	416140	-	-
11a7.3	HTL	1466627	Road Block	336530	381450	-	-
11a7.5	HTL	1463944	Road Block	358490	387660	-	-
11b1.18	HTL	1481148	Road Block	334290	427260	-	-
11c3.1	HTL	1484717	Road Block	345880	455550	-	-
11c3.1	HTL	1427357	Road Block	345301	455721	-	-
11c3.1	HTL	1427355	Road Block	346500	455000	-	-
11a8.1	HTL	1476617	Road Block	331380	398160	-	-
11a8.1	HTL	1476618	Road Block	331680	397820	-	-
11a8.1	HTL	1414129	Royal observer corps	329970	400670	-	-
11c10.2	HTL	1419441	Seagull trench	337400	474500	-	-
11c14.6	NAI	1489514	Searchlight Battery	317520	468600	-	-
11c3.2	NAI	1484663	Searchlight Battery	346250	456770	-	-
11c3.7	HTL	1484471	Searchlight Battery	341540	457410	-	-
11e2.3	HTL	1413046	Searchlight Battery	298400	519500	-	-

Policy Unit	Policy	NMR UID	Site Type	Easting	Northing	Special Interest	Risk
11a8.1	HTL	1476659	Searchlight Battery	330070	400270	-	-
11a8.1	HTL	1476616	Searchlight Battery	331460	398120	-	-
11e3.1	HTL	1413052	Shadow Factory	299700	530300	-	-
11b2.2	HTL	1482869	Tank trap	330570	435720	-	-
11b2.7	HTL	1483215	Tank trap	331250	444690	-	-
11a7.7	HTL	1464265	Trench	350610	384000	-	-
11a7.9	HTL	1421393	Trench	336230	387190	-	-
11a7.9	HTL	1421394	Trench	336300	387220	-	-
11a7.9	HTL	1421396	Trench	336590	386930	-	-
11a7.9	HTL	1466101	Trench	336610	386710	-	-
11c6.1	NAI	1485048	Trench	340870	461460	-	-
11c6.1	NAI	1485052	Trench	340910	461680	-	-
11e2.1	HTL	1494617	Trench	297320	519120	-	-
11e2.1	HTL	1494619	Trench	297300	518890	-	-
11a8.1	HTL	1476653	Trench	330210	400600	-	-
11a7.6	HTL	1462866	Trenches	350720	384970	-	-
11a7.7	HTL	1462861	Trenches	350180	384240	-	-
11a7.9	HTL	1421395	Trenches	337300	386960	-	-
11c11.5	HTL	1487768	Trenches	330780	476140	-	-
11c14.2	HTL	1489528	Trenches	318090	468910	-	-
11a7.3	HTL	1428460	Turret	336300	380000	-	-
11a7.3	HTL	1428461	Turret	336100	380500	-	-
11a7.3	HTL	1428462	Turret	336200	380500	-	-
11c1.1	HTL	909260	Two wrecks	330579	450386	-	-
11e2.10	MR	1413048	War production factory	299100	528900	-	-
11e2.10	MR	1413049	War production factory	298900	528800	-	-
11e2.5	HTL	1413051	War production factory	298900	525100	-	-
11e3.1	HTL	1413053	War production factory	299800	530200	-	-
11a7.6	HTL	1463966	Water storage site	352320	385810	-	-
11a7.9	HTL	1464469	Water supply tank	340460	383460	-	-
11a7.9	HTL	1464544	Water supply tank	340500	384100	-	-
11a9.1	MR	1479069	Weapons Pit	327610	405850	-	-
11b1.21	HTL	1481082	Weapons Pit	331600	429350	-	-
11b2.7	HTL	1483622	Weapons Pit	331550	445100	-	-
11c1.2	HTL	1483486	Weapons Pit	332610	447010	-	-
11c10.2	HTL	1486492	Weapons Pit	336500	473910	-	-
11c10.2	HTL	1486493	Weapons Pit	337210	473770	-	-
11c14.8	NAI	1488716	Weapons Pit	316990	470480	-	-
11c2.2	HTL	1484053	Weapons Pit	338510	449970	-	-
11c3.1	HTL	1484709	Weapons Pit	346170	455700	-	-
11e2.3	HTL	1494620	Weapons Pit	297700	519920	-	-
11a8.1	HTL	1476650	Weapons Pit	330740	400810	-	-
11b1.15	HTL	1480921	Weapons Pit	339700	427800	-	-
11c14.1	NAI	1488315	Weapons Pit	320740	463650	-	-
11c14.2	HTL	1413047	Womens Auxiliary Air Force Camp	318200	469500	-	-
11b1.20	HTL	909279	Wreck	331291	426855	-	-
11c2.1	HTL	909263	Wreck	333742	452225	-	-
11b1.17	HTL	909253	Wreck	335023	426338	-	-
11b1.19	HTL	1027068	Wreck	331070	425490	-	-

Policy Unit	Policy	NMR UID	Site Type	Easting	Northing	Special Interest	Risk
11b1.21	HTL	1027144	Wreck	330440	428540	-	-
11c1.3	HTL	909287	Wreck	333298	450516	-	-
11a8.1	HTL	892811	Wreck	329073	399938	-	-
11a9.1	MR	907014	Wreck	328163	410367	-	-
11c14.4	HTL	908215	Wreck	319400	464130	-	-
11a8.2	MR	892827	Wreck	328374	402514	-	-
11a9.1	MR	906986	Wreck	322856	405258	-	-
11b1.1	HTL	907035	Wreck	330178	418527	-	-
11a9.1	MR	906995	Wreck	325202	406890	-	-
11a8.3	HTL	892842	Wreck	328202	403258	-	-
11a9.1	MR	906992	Wreck	325574	405987	-	-
11b1.1	HTL	907037	Wreck	331948	420293	-	-
11a9.1	MR	906989	Wreck	322822	405444	-	-
11a9.1	MR	906965	Wreck	326046	404373	-	-
11a8.2	MR	906885	Wreck	329123	402039	-	-
11a9.1	MR	906999	Wreck	326192	407832	-	-
11a8.1	HTL	906837	Wreck	330163	398871	-	-
11a8.2	MR	906886	Wreck	328110	402085	-	-
11a9.1	MR	906978	Wreck	322774	404734	-	-
11a8.2	MR	906871	Wreck	329058	401421	-	-
11a8.2	MR	906895	Wreck	328777	402322	-	-
11a8.3	HTL	906918	Wreck	328458	403161	-	-
11a9.1	MR	906994	Wreck	325907	406106	-	-
11a8.1	HTL	906829	Wreck	330314	397880	-	-
11a8.1	HTL	906850	Wreck	329634	400517	-	-
11a8.1	HTL	892815	Wreck	329704	400268	-	-
11c3.2	NAI	909273	Wreck	345715	457649	-	-
11c3.6	NAI	909272	Wreck	344171	457157	-	-
11c6.1	NAI	909274	Wreck	338130	460093	-	-
11c6.1	NAI	909276	Wreck	340088	460969	-	-
11c6.1	NAI	909275	Wreck	340124	460963	-	-
11a9.1	MR	906985	Wreck	323536	405155	-	-
11d2.2	NAI	908223	Wreck	306940	493342	-	-
11c13.2	HTL	908216	Wreck	327096	464287	-	-
11c14.1	NAI	908213	Wreck	322755	463417	-	-
11c14.1	NAI	908214	Wreck	323129	464035	-	-
11c14.3	NAI	908212	Wreck	320651	461580	-	-
11d2.2	NAI	908221	Wreck	307775	492370	-	-
11d2.2	NAI	908222	Wreck	307730	492463	-	-
11a8.2	MR	906869	Wreck	328745	401395	-	-
11a8.2	MR	906901	Wreck	328449	402543	-	-
11a9.1	MR	906987	Wreck	326262	405235	-	-
11a8.1	HTL	892818	Wreck	328850	401085	-	-
11c14.4	HTL	37174	Wreck	319400	464130	-	-
11c2.3	HTL	909264	Wreck	340679	453121	-	-
11c3.6	NAI	909271	Wreck	344185	456817	-	-
11b1.20	HTL	1027038	Wreck	328880	424680	-	-
11b1.20	HTL	1027051	Wreck	329820	425080	-	-
11b1.20	HTL	1027020	Wreck	327500	424220	-	-
11c13.4	HTL	1027657	Wreck	326030	459870	-	-
11a8.1	HTL	892790	Wreck	331009	397468	-	-

Policy Unit	Policy	NMR UID	Site Type	Easting	Northing	Special Interest	Risk
11a8.1	HTL	892800	Wreck	329559	399189	-	-
11a9.1	MR	892883	Wreck	327007	405811	-	-
11a7.9	HTL	906652	Wreck	335697	386925	-	-
11a8.2	MR	892832	Wreck	328267	402716	-	-
11a9.1	MR	892885	Wreck	326071	408359	-	-
11c3.1	HTL	909267	Wreck	344941	456066	-	-
11c3.1	HTL	909269	Wreck	344380	456320	-	-
11b1.13	HTL	1480755	Wreck	343780	427370	-	-
11a7.3	HTL	892677	Wreck	337261	380816	-	-
11a7.6	HTL	1479304	Wreck	352400	384740	-	-
11a7.6	HTL	1479307	Wreck	355490	385340	-	-
11a7.9	HTL	906618	Wreck	339379	382890	-	-
11a7.9	HTL	906634	Wreck	336805	385458	-	-
11a7.9	HTL	906639	Wreck	336258	386052	-	-
11a8.1	HTL	906830	Wreck	330043	398224	-	-
11a8.2	MR	906891	Wreck	328057	402240	-	-
11a8.2	MR	906879	Wreck	328825	401858	-	-
11b1.9	MR	909254	Wreck	344160	427240	-	-
11b2.4	HTL	1483219	Wreck	330870	441840	-	-
11c1.1	HTL	909261	Wreck	330908	450459	-	-
11c1.1	HTL	1027483	Wreck	330470	449680	-	-
11c1.4	HTL	1483507	Wreck	334060	447240	-	-
11c1.4	HTL	909256	Wreck	334046	446719	-	-
11c1.4	HTL	1483595	Wreck	333970	446810	-	-
11c1.4	HTL	909258	Wreck	334029	447409	-	-
11c1.4	HTL	1483590	Wreck	334040	446710	-	-
11c1.4	NAI	909257	Wreck	334481	447162	-	-
11c1.7	NAI	1483444	Wreck	334590	447810	-	-
11c14.6	NAI	908217	Wreck	317714	467288	-	-
11c14.8	NAI	1027564	Wreck	314460	473960	-	-
11c14.8	NAI	1002052	Wreck	316363	473618	-	-
11c2.2	HTL	909288	Wreck	337520	451930	-	-
11c2.2	HTL	909262	Wreck	335099	451557	-	-
11c3.1	HTL	909266	Wreck	345596	456058	-	-
11c3.1	HTL	909265	Wreck	345633	456058	-	-
11c3.7	HTL	909270	Wreck	342559	456342	-	-
11a7.9	HTL	892684	Wreck	336337	385031	-	-
11a7.6	HTL	1462892	Wrecks	351600	384330	-	-
11a7.9	HTL	892680	Wrecks	340234	383219	-	-
11e2.10	MR	1417656	WW fire service	299200	528900	-	-

Table 7: LDNPA entries

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special Interest	Risk
11c12.1	HTL	30291	Barn	333080	481570	Low	Low
11c9.3	HTL	12611	Barn	346500	481165	Low	Low
11d3.3	NAI	1390	Barrow	306900	496400	Medium	Low
11d3.3	NAI	3969	Barrow	307200	496000	Medium	Low
11d3.3	NAI	30037	Barrow	309520	497490	Medium	Low

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special Interest	Risk
11c12.1	HTL	30292	Blast Furnace	333200	480800	Low	Low
11d3.3	NAI	15136	Bombing Decoy	307300	496900	-	-
11d1.4	NAI	12397	Brickworks	312300	481130	Low	Low
11d1.5	NAI	1493	Cairn	310630	484130	Medium	Low
11d2.2	NAI	1399	Cairn	308000	494200	Medium	Low
11d3.1	NAI	13969	Cairn	309500	495300	Medium	Low
11d3.1	NAI	3981	Castle	310350	496340	Medium	Low
11d3.2	HTL	12188	Chapel	308450	496210	Low	Low
11d3.2	HTL	12201	Chapel	308800	496600	Low	Low
11c16.8	MR	2149	Church	320930	487380	Medium	Low
11c16.8	MR	2149	Church	320930	487380	Medium	Low
11d3.1	NAI	3109	Church	310020	495110	Medium/High	High
11d3.1	NAI	4329	Church	310390	496580	Medium	Low
11d1.5	NAI	13965	Circular Enclosure	310900	484100	Medium	Low
11d3.1	NAI	1454	Deserted Village	310500	496600	Medium	Low
11d3.1	NAI	1455	Deserted Village	310000	495120	Medium	Low
11d1.5	NAI	4635	Ditched Enclosure	311700	483100	Medium	Low
11d1.5	NAI	5115	Enclosure	309200	486100	Medium	Low
11d3.3	NAI	1376	Enclosure	309600	497000	Medium	Low
11d2.1	NAI	1385	Flint Scatter	308400	491500	Medium	Low
11d2.1	NAI	1386	Flint Scatter	308100	491100	Medium	Low
11d2.1	NAI	3557	Flint Scatter	308500	491000	Medium	Low
11d2.1	NAI	13941	Flint Scatter	308600	491500	Medium	Low
11d2.1	NAI	13941	Flint Scatter	308600	491500	Medium	Low
11d2.1	NAI	13942	Flint Scatter	308600	491500	Medium	Low
11d2.1	NAI	13943	Flint Scatter	308700	491600	Medium	Low
11d2.1	NAI	13943	Flint Scatter	308700	491600	Medium	Low
11d2.1	NAI	13944	Flint Scatter	308800	491400	Medium	Low
11d2.1	NAI	13946	Flint Scatter	308200	491200	Medium	Low
11d2.1	NAI	13946	Flint Scatter	308200	491200	Medium	Low
11d2.1	NAI	13947	Flint Scatter	308100	491200	Medium	Low
11d2.1	NAI	13947	Flint Scatter	308100	491200	Medium	Low
11d2.1	NAI	13948	Flint Scatter	308200	491000	Medium	Low
11d2.1	NAI	13948	Flint Scatter	308200	491000	Medium	Low
11d2.1	NAI	13949	Flint Scatter	308300	490900	Medium	Low
11d2.1	NAI	13949	Flint Scatter	308300	490900	Medium	Low
11d2.1	NAI	13955	Flint Scatter	308800	491600	Medium	Low
11d2.1	NAI	18896	Flint Scatter	307600	489400	Medium	Low
11d2.1	NAI	18895	Flint Scatter	307520	489320	Medium	Low
11c9.3	HTL	12612	Flood Defences	345825	480840	Low	High
11c9.3	HTL	12613	Flood Defences	345620	480375	Low	High
11d3.1	NAI	1378	Fort	308810	495810	High	High
11d3.1	NAI	1378	Fortlet	308810	495810	Medium	Low
11d3.1	NAI	1378	Frontier Defence	308810	495810	Medium	Low
11d3.1	NAI	1379	Frontier Defence	308700	494200	Medium	Low
11d3.1	NAI	4349	Hillfort	309400	495400	Medium	Low
11c12.1	HTL	16357	Lime Kiln	333100	482680	Low	Low
11c12.1	HTL	16358	Lime Kiln	333190	481270	Low	Low
11c12.2	HTL	16346	Lime Kiln	331800	483250	Low	Low

Policy Unit	Policy	HER No.	Site Type	Easting	Northing	Special Interest	Risk
11c16.8	MR	12303	Lime Kiln	319250	487200	Low	Low
11c16.8	MR	18041	Lime Kiln	320520	487060	Low	Low
11c9.3	HTL	12610	Lime Kiln	345370	481320	Low	Low
11d2.1	NAI	4222	Lithic Working Site	308300	491500	Medium	Low
11d3.1	NAI	1379	Milefortlet	308700	494200	Medium	Low
11d3.3	NAI	12184	Mill	309630	497730	Low	Low
11d4.1	NAI	16876	Pillbox	305500	497000	-	-
11c12.1	HTL	12829	Quarry	331870	483850	Low	Low
11c12.1	HTL	16357	Quarry	333100	482680	Low	Low
11c12.1	HTL	16361	Quarry	334510	482710	Low	Low
11c12.1	HTL	16362	Quarry	334540	482800	Low	Low
11c12.1	HTL	16364	Quarry	334710	483600	Low	Low
11c16.8	MR	12304	Quarry	319300	487860	Low	Low
11c16.8	MR	12305	Quarry	319650	488000	Low	Low
11c16.8	MR	18041	Quarry	320520	487060	Low	Low
11c8.5	HTL	12541	Quarry	343340	479650	Low	Low
11c8.5	HTL	12545	Quarry	343300	479130	Low	Low
11d3.3	NAI	4427	Rectangular Enclosure	309390	497120	Medium	Low
11d1.5	NAI	13965	Rectilinear Enclosure	310900	484100	Medium	Low
11d3.1	NAI	16766	Ring Ditch	310300	496700	Medium	Low
11c12.1	HTL	30294	Saw Mill	334580	483890	Low	Low
11d2.2	NAI	13940	Settlement	308500	491700	Medium	Low
11d3.3	NAI	1376	Settlement	309600	497000	Medium	Low
11d3.3	NAI	4428	Settlement	306790	496600	Medium	Low
11c16.8	MR	1469	Stone Circle	319200	487300	Medium	Low
11d1.5	NAI	1460	Stone Circle	309900	485300	Medium	Low
11d1.5	NAI	1460	Stone Circle	309900	485300	Medium	Low
11d1.5	NAI	1478	Stone Circle	310610	484320	Medium	Low
11d1.5	NAI	5351	Stone Circle	308900	486300	Medium	Low
11d1.5	NAI	5351	Stone Circle	308900	486300	Medium	Low
11d3.1	NAI	1393	Temple	308800	493700	Medium	Low
11d2.1	NAI	12274	Tile Works	308150	491270	Low	Low
11d3.1	NAI	1378	Vicus	308810	495810	Medium	Low
11c12.1	HTL	30294	Watermill	334580	483890	Low	Low