# DYFED COASTAL PROMONTORY FORT ASSESSMENT 1993-1994 D.A.T. P.R.N. 14798

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### DYFED COASTAL PROMONTORY FORT ASSESSMENT 1993-1994 P.R.N. 14798

Throughout this report the Dyfed Primary Record Number (PRN) has been used, as not all of the sites are Scheduled Ancient Monuments (SAMs), and some sites have more than one site name or may have the same name as another site. In the appendices there are lists of sites in alphabetical name order, PRN, and SAM number order.

# Summary

A reconnaissance of the Coastal Promontory Forts around Dyfed was undertaken, to acquire more detailed information on the present condition of and threats to the sites, and to consider and recommend remedial measures. From this survey it can be seen that by far the largest threat to these sites is coastal erosion and to a far lesser extent animal and manmade erosion. However, only in the case of the latter two can conservation action be practically applied to any extent. The main part of this report is a gazetteer of the sites visited. Three of the most affected sites were surveyed in detail with an EDM and basic plans are within this report.

# **Purpose**

This project was to ascertain the current state of the promontory forts around the coast of Dyfed, visiting all of the sites; identifying and mapping of exposed sections of archaeological importance; recording and assessment of other land use pressures; detailed survey (EDM) of individual areas of selected sites under threat; presentation of survey results; discussion with Cadw and Pembrokeshire Coast National Park on remedial measures; recommendations for further action on individual sites.

### Location

There are about 65 sites that can be loosely described as coastal promontory forts, including those within the estuaries, notably Milford Haven estuary. The northernmost site on the Dyfed coast is PRN 1355 Castell Bach in Cardiganshire (Map 1). The most south-easterly is PRN 2198 Llanstephan Castle in Carmarthenshire (Map 13) (this site is mostly occupied by the later Medieval castle).

The majority, 51, of the coastal promontory forts are in Pembrokeshire and are mainly on, or accessible from the coast path. The sites that are not accessible from the Pembrokeshire Coast Path are: PRN 3170 Old Castle, a site which now appears to be totally destroyed by modern buildings and is not marked on the report maps; PRN 2962 South Neck Camp, Skomer Island (Map 7), although access is possible in the summer via the ferry at Martin's Haven, the site itself is out of the public access area of the island; PRN 3027 Cliff Castle (Map 9), excavation evidence only; PRN 539 Linney Head (Map 9), MoD target area; PRN 3220 West Popton Camp (Map 9), within an oil refinery area; PRN 3227 West Pennar Rath (Map 10), on private land; PRN 4193 Freshwater East (Map 11), now below modern bungalows and gardens; PRN 4223 Old Castle Head (Map 11), MoD restricted area. This leaves 44 sites on or near the Coast Path, of which three - PRN 602 Flimston Bay, PRN 603 Crocksydam Camp, PRN 609 Buckspool Camp - have MoD restricted access to no-firing days. Possible natural promontories are: PRN 1588 Dinas Island Castell East (Map 3), PRN 2844 Porth Egr (Map 5), PRN 2789 Porth Y Bwch (Map 7), PRN 2790 Dinas Fawr (map 7), and PRN 3141 Halfway Rock (Map 8).

# Archaeological History

A little work has been done on the coastal promontory forts of Dyfed. Limited excavations have been carried out on parts of some sites: PRN 603 Crocksydam (Map 10) (Grimes?); PRN 609 Buckspool Camp (Map 10) (Grimes?); PRN 629 Fishponds Camp (Map 10) (Lethbridge 1928); PRN 3128 Black Point Rath (Map 7); PRN 2618 Tower Point Rath (Map 8) (Wainwright 1971); PRN 2986 Dale Point (Map 8) (Benson and Williams 1987;

Ramsey and Williams 1992); PRN 2624 St. David's Head (Map 6) (Baring Gould 1899); PRN 2198 Llanstephan Castle (Map 13) (Guilbert 1974); PRN 2929 Gateholm Island (Map 8) (Lethbridge and David 1930); PRN 3065 Castles Bay, Sheep Island (Map 9) (Grimes?).

The coastal promontory forts of Dyfed cover a range of defensive sizes and styles enclosing sites of varying size, from the largest PRN 2940 Wooltack Point (Map 8), to the smaller sites such as PRN 3024 Little Castle Head (Map 9) and PRN 2863 Castell Coch (Map 4). It is probable that these sites are not all contemporary and may have a range of occupation periods and construction, from the later Bronze Age into the Medieval Period. There is even later use, such as the ninteenth century fort constructed within PRN 2986 Dale Point (Map 8) and the second world war gun enplacement within PRN 3099 West Pickard Camp (Map 9). The size and complexity of some sites such as PRN 2721 Porth y Rhaw (Map 7 and Figure 3) and PRN 2960 Great Castle Head (Map 8 and Figure 4), may be partly due to their status and not just their defensive capabilities.

# Aims and Objectives

This survey is an assessment for a long term project. The aim was to visit all of the Dyfed coastal promontory forts, to acquire more detailed information on the present condition and threats to the sites, making appropriate records in the time available. These records would then form the basis for recommendations for remedial action, having established the erosion pressures or threats to the affected sites or areas within them.

# Methodologies and Results

The first part of this project was a desk-top study to establish the possible number and location of the sites to form the basis of this assessment; also considered were the types of records that would need to be made when visiting the sites. The major archive consulted was the Dyfed Archaeological Trust's Primary Record Number list, to establish hillforts on the coast and from these note which were recorded as promontory sites or might fall within this category. Aerial photographs and large scale maps were studied to see if erosion could be recognised. However, for a number of sites the largest scale map available is 1:10560 (6 inches to 1 mile) and given the varying scales, positions and angles of the aerial photographs, it was difficult to see if even relatively large-scale cliff erosion (relative to the size of the promontory forts) could be established with any certainty.

After compiling a list of probable sites, these were then reconnoitred, noting: any photographs taken, date of visit, access for the public, ground cover, use, erosion (if any) and what types, any recommendations on erosion, survey priority, and any other notes. From this was produced the Gazetteer enclosed within this report.

Most of the reconnaissance of the sites took place over the winter of 1993-94. This had the advantage of low ground cover so that the sites could be seen, although the weather was at times severe, with gale force winds and often very overcast. Therefore although photographs would have been desirable on some sites it was impossible to obtain results. The outer parts of two promontories were not approached due to the wind conditions - PRN 3128 Black Point Rath (Map 7) and PRN 3065 Castles Bay (Map 9).

Sites on the list that were not visited, or had not been visited recently are: PRN 4223 Old Castle Head (Map 11) as MoD restricted; PRN 3170 Old Castle in Milford Haven (site not found and appears to be totally built over); and PRN 7929 Castle Meadow/ Castle Park (site not located on the ground). These last two sites are not marked on report maps.

Two sites, PRN 2716 Penrhyn Twll and PRN 8409 Trwyn Garlic, both on Ramsey Island, were visited, but now appear not to be hillforts. These sites are not marked on the report maps.

### Gazetteer Criteria

The ground cover recorded was that on what was considered to be the majority of the site.

The use of the site was that at the time of the visit, or could be surmised from the evidence available.

The erosion recorded was what was observed at the time of the visit. This was divided into three causes: natural, manmade and animal. The level of erosion has to be to some extent subjective.

Recommended action on any erosion is in the form of a suggestion; there are a number of opinions and options that could be taken, and it is considered that these decisions are best made with consultation with the appropriate bodies.

Due to the probable rapid and unstoppable nature of some of the erosion a Survey Priority of high, medium or low is given. This is envisaged as a detailed survey by EDM, or similar recording, so that the site surface structures are preserved by record and so that measurements can be taken in the future to monitor any further deterioration in the site. The level of priority is again to some extent subjective: a high level is where very active erosion can be observed, especially where this affects the defences, and it also indicates that rescue excavation should follow. A medium survey priority is where there is some erosion and recording is needed to monitor any change. There may also be features that have not been recorded in the past. A low survey priority is where little or no noticeable erosion was observed; however, there can be rapid changes on the coastline and landslips often occur with no warning. All of these sites are eroding slowly and even those low priority sites should form part of a long term project with regular monitoring of their status.

### Three sites EDM surveyed

Three sites identified as of high priority were surveyed within this assessment. The survey was undertaken using an EDM recording the main features, top and bottom of banks with spot heights at 4 to 5 metre intervals. The records were entered through a ground modelling system and then into a Computer-Aided Design package. Detailed plans and profiles can now be made. Plots of the basic plans (Figures 2, 3 and 4) are included in the report.

PRN 1157 Castell Tre Ruffydd (Map 2 and Figure 2), is probably in the most desperate condition of any of the promontory forts on the coast. Most of the promontory is no longer safely accessible. The defences and the area just inside is being rapidly eroded away, and this part is likely to disappear or become unsafe in the very near future.

PRN 2721 Porth y Rhaw (Map 7 Figure 3), has been eroding steadily and there is now probably only a small part of the interior remaining. The area to the west of and the western side of the probable hut (Figure 3) on the promontory are showing signs of fissures. A long length on the inner bank, which was observed to have possible structural details within it, is now right on the eroding cliff edge.

PRN 2960 Great Castle Head (Map 8 and Figure 4), probably only retains a very small part of the original enclosed area. The southern part of the site has suffered a severe landslip (Figure 4), and there are now signs that the north side of the promontory is going to have some land loss soon. The banks of this site are very steep and have slippage or ground creep. They are also being damaged by animal burrows; these may be due to badgers but this should be confirmed, or otherwise, by a specialist (possibly Dyfed Wildlife Trust). This problem may be difficult or impossible to cure. The wind was gusting up to gale force at the time of the survey and the area of landslip to the south had to be abandoned. It would be advisable to have this area completed in the near future.

### Disscussion

One of the most urgent sites for action identified is PRN 1157 Castell Tre Ruffydd (Map 2 and Figure 2). The footpath needs re-routing. There needs to be an archaeological assessment up to a full scale excavation of the defences of the site and the area just inside them while it is still safe to undertake this.

Although three sites were surveyed it is probable that PRN 3128 Black Point Rath (Map 7) is in greater need of survey and excavation than either PRN 2721 Porth y Rhaw or PRN 2960 Great Castle Head. This site has already been recognised as urgent but there are logistical reasons for this work being postponed.

PRN 2721 Porth y Rhaw (Map 7 and Figure 3) needs an assessment or rescue excavation on the promontory area adjacent to the probable hut and the inner bank, before it becomes too dangerous. Conservation is also required on some of the internal erosion areas. The footpaths into the monument on the east side and the west side near the cliff need remedial action, and/or re-routing.

PRN 2960 Great Castle Head (Map 8 and Figure 4) should have a survey of the areas that have slipped. There is a section of the inner bank that could be cleaned and recorded and there are areas of this site that could be excavated. However, because of the possible wild animals on this site work may be limited.

PRN 3065 Castles Bay (Map 9) and PRN 539 Linney Head (Map 9) must also rate near tha top of the priority list to have survey and possible excavation undertaken.

PRN 602 Flimston Bay (Map 10) has a large blow hole eroding the interior. The defences are very good and as there are interior features this site is in the high priority group for survey, but is possibly the least of the 7 sites in the high category.

There are 12 sites which are considered to be of medium priority for survey.

There are 34 sites judged to be of low survey priority.

There are 11 sites that would appear not to need a survey.

One site, PRN 4223 Old Castle Head, was not visited.

A programme should urgently be undertaken to survey all of the sites listed as high priority in the gazetteer, followed by those on the medium status. Those listed as low priority should be monitored regularly, possibly every three years, to see if there is any change.

### Conclusion

Having looked at over 65 locations, it is apparent that animal grazing erosion and manmade erosion (except for PRN 539 Linney Head in the MoD range) is minor. Where there is footpath erosion action should be possible, and these sites are identified in the gazetteer. Liaison with the Pembrokeshire Coast National Park, the National Trust and other bodies can now take place to undertake remedial action to conserve and protect the monuments affected.

Natural coastal erosion is by far the greatest problem, being the major threat to all the high priority sites. Three of these have been surveyed, or partially surveyed, within this project. After all of these urgent sites have been surveyed, rescue excavation will probably be necessary on parts of some of these sites. Further survey of 12 sites of medium priority is desirable.

This project has recorded the detailed information on the present condition and threats to the coastal promontory forts of Dyfed. Recommendations on remedial measures have been made and these can now be forwarded to the appropriate bodies.

# Acknowledgemnts

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# **Archive Deposition**

National Monument Record at RCAHMW, Crown Buildings, Plas Crug, Aberystwyth SY23 2HP.

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# Gazetteer

### PRN 539 LINNEY HEAD. SAM PEMB 142

Location: Map 9, OS grid ref. SR88859567

Photo No: None Date of Visit: 3/93

Access: Under MoD control, no public access

Ground Cover: Grass

Use: Grazed and target for Firing Range.

Erosion: Natural cliff edge and sea spray, manmade shell holes

Action on Erosion: Probably recording only, due to use

Survey Priority: High

Notes: Serious erosion caused by sea spray removing the ground cover and a large number of shell holes from the

firing range.

#### PRN 602 FLIMSTON BAY, SAM PEMB 141

Location: Map 10, OS grid ref. SR93009465

Photo No: None

Date of Visit: 17/10/93

Access: MoD restricted to non-firing days. Easy access from coast path.

Ground Cover: Grass

Use: Grazed

Erosion: Natural erosion at blowhole on interior. MoD occasion-ally drive Land-Rover through entrance down to

quay and turn over the hut platforms, causing a small amount of damage.

Action on Erosion: None Survey Priority: High

Notes: Multi-ditched defences in good condition. Hut platforms.

### PRN 603 CROCKSYDAM HILLFORT. SAM 319

Location: Map 10, OS grid ref. SR93589433

Photo No: None

Date of Visit: 17/10/93

Access: MoD restricted to non-firing days. Access from coast path.

Ground Cover: Grass

Use: Grazed

Erosion: None obvious Action on Erosion: None Survey Priority: Low

Notes: Simple ditch bank and entrance; hut stone.

### PRN 609 BUCKSPOOL CAMP. SAM PEMB 047

Location: Map 10, OS grid ref. SR95439340

Photo No: None

Date of Visit: 17/10/93

Access: MoD restricted to non-firing days. Access from coast path.

Ground Cover: Grass

Use: Grazed

Erosion: Natural cliff erosion Action on Erosion: None Survey Priority: Medium

Notes: Some dumping in ditch; radar station adjacent.

#### PRN 629 FISHPOND CAMP. SAM PEMB 112

Location: Map 10, OS grid ref. SR97159480

Photo No: 143; 144; 145 Date of Visit; 27/1/94

Access: Public, but off any direct path

Ground Cover: Grass Use: Ungrazed

Erosion: Manmade, see notes Action on Erosion: See notes Survey Priority: Low

Notes: This site has a grass-covered interior and is ungrazed. The defences have very recently been cleared of scrub. This

clearance work has created areas of bare soil in the interior of the fort and in places possible stone features have

been

uncovered. The top of the bank construction has also been

revealed by recent scrub clearance. Burning of cleared scrub on the banks or in the ditches should be discouraged as it tends to hasten erosion; this should be brought to the attention of those

responsible for scrub clearance. Although survey is a low

priority, it may be advisable to undertake this in the near future, whilst the site is clear of scrub. This fort is not on the coast but has been included due to its accessibility to the public and its close proximity to the coast path.

#### PRN 1043 CASTELL. SAM PEMB 212

Location: Map 2, OS grid Ref. SN11024594

Photo No: 155 Date of Visit: 2/2/94 Access: Private Ground Cover: Grass

Use: Ungrazed

Erosion: Natural cliff erosion, see notes

Action on Erosion: Recommend monitoring, see notes

Survey Priority: Low

Notes: Some soil creep damage and cliff erosion on south side of interior. There is a small amount of soil slippage below the north end of the ditch, and this should be monitored in case remedial action is required in the future.

### PRN 1101 YNYSLOCHDIN

Location: Map 1, OS grid ref. SN31435533

Photo No: 158; 159 Date of Visit: 2/2/94 Access: Public Ground Cover: Grass

Use: Grazed

Erosion: Natural cliff erosion and animal activity Action on Erosion: Recommend re-turf affected area

Survey Priority: Low

Notes: The inner bank has some erosion, which should be

monitored. There is minor cliff erosion.

### PRN 1157 CASTELL TRE RUFFYDD. SAM PEMB 214

Location: Map 2, OS grid ref. SN10044486

Photo No: 153 Date of Visit: 2/2/94 Access: Public, on coast path

Ground Cover: Grass

Use: Grazed

Erosion: Natural cliff erosion

Action on Erosion: Recommend re-route coast path and archaeo-

logically excavate defences and area just inside while it is still safe to do so! See notes below.

Survey Priority: High, undertaken as part of this project

(Figure 2).

Notes: Semi-circular defence. It was only practical to survey the defences and the area immediately inside them as access to the interior of this site was judged to be too perilous, so was not attempted. The most urgent of the sites seen, the whole of the interior of the site shows severe landslippage and mass wasting on the inside of the defences. The further part of the promontory was easily accessible into the 1960's, but there have been major landslides in the last 10 years. It is probable that the coast path is encouraging the cliff erosion, and as it will need to be moved inland in the future, it would be better to do so soon and route it inland of the defences.

#### PRN 1355 CASTELL BACH. SAM CARD 068

Location: Map 1, OS grid ref. SN36045809

Photo No: 160; 161 Date of Visit: 4/2/94

Access: Easy access from public path

Ground Cover: Grass

Use: Grazed

Erosion: Natural cliff erosion

Action on Erosion: Recommend clean and record "section" of defences affected.

Survey Priority: Medium

Notes: No active cliff erosion on seaward side. The south end of the inner defence is suffering from landslip/cliff

erosion which has exposed the defences "in section" quite beautifully.

The outer bank is possibly robbed at its east end, or is incomplete. No internal features visible.

### PRN 1368 CASTELL-BACH. SAM CARD 091

Location: Map 1, OS grid ref. SN30255352

Photo No: 157
Date of Visit: 2/2/94
Access: From public path
Ground Cover: Grass

Use: Grazed

Erosion: Minor animal activity on bank

Action on Erosion: Possibly re-turf area affected.

Survey Priority: Low

Notes: Possible interior feature.

### PRN 1587 DINAS ISLAND CASTELL (East)

Location: Map 3, OS grid ref. SN01344019

Photo No: 152
Date of Visit 1/2/94
Access: On coast path

Ground Cover: Scrub-covered

Use: Ungrazed

Erosion: Manmade erosion on path across bank

Action on Erosion: None Survey Priority: Low Notes: No natural erosion, but minor erosion on path across bank; no action thought necessary. The defensive bank had been recently cleared of scrub and this was photographed.

### PRN 1588 DINAS ISLAND CASTELL (West)

Location: Map 3, OS grid ref. SN00234005

Photo No: None

Access: From coast path Date of Visit: 1/2/94 Ground Cover: Scrub Use: Ungrazed Erosion: Manmade? Action on Erosion: None Survey Priority: None

Notes: Natural? Erosion in bottom of possible ditch on north-west side. No action thought necessary. No

photographs taken, too windy!

#### PRN 2158 GLAN-Y-MOR EARTHWORK. SAM CARM 232

Location: Map 13, OS grid ref. SN30631117

Photo No: None
Date of Visit: 16/2/94
Access: From public road
Ground Cover: Grass
Use: Caravan site, chalets
Erosion: None visible
Action on Erosion: None
Survey Priority: Low

Notes: Damage was done to this site in the past. A geophysical survey has taken place within the interior. May

not count as a promontory fort, scarp edge.

#### PRN 2198 LLANSTEPHAN CASTLE, SAM CARM 004

Location: Map 13, OS grid ref. SN35141014

Photo No: 162 Date of Visit: 16/2/94

Access: Public to interior of medieval castle only

Ground Cover: Defences scrub covered

Use: Grazed; interior mainly Cadw Property in Care

Erosion: Animal

Action on Erosion: See notes

Survey Priority: Low

Notes: Cadw should be informed about small amount of very visible erosion on the defensive banks.

### PRN 2618 TOWER POINT RATH. SAM PEMB 281

Location: Map 8, OS grid ref. SM79001083

Photo No: 126

Date of Visit: 13/1/94 Access: From coast path Ground Cover: Grass Use: Ungrazed

Erosion: None visible Action on Erosion: None Survey Priority: Low

Notes: Double curvilinear defences; steep, large inner bank, linear entrance. Partly excavated by Wainwright (1971). Good grass cover on interior.

#### PRN 2620 CASTLE HEAD

Location: Map 8, OS grid ref. SM79771119

Photo No: 125

Date of Visit: 13/1/94
Access: From coast path
Ground Cover: Scrub
Use: Ungrazed
Erosion: None visible
Action on Erosion: None

Erosion: None visible
Action on Erosion: None
Survey Priority: Low

Notes: Bivallate with short linear ditches, and linear entrance. No interior features visible. There is a possible

bank on the north edge of the promontory.

#### PRN 2624 ST DAVIDS HEAD, SAM PEMB 071

Location: Map 6, OS grid ref. SM72202790

Photo No: None Date of Visit: 10/93 Access: From coast path Ground Cover: Grass Use: Ungrazed

Erosion: Manmade around entrance and on banks; animal (rabbits)

Action on Erosion: Recommend close monitoring

Survey Priority: Medium, see notes

Notes: This site was partly excavated and recorded in the past (1898), but could be resurveyed to a higher standard. There are at least six stone hut circles, which could be easily damaged. Little natural erosion.

### PRN 2714 CASTELL MEINIF; CASTELL HEINIF. SAM PEMB 295

Location: Map 6, OS grid ref. SM72382466

Photo No: 106 Date of Visit: 10/93 Access: On coast path

Ground Cover: Grass and scrub

Use: Grazed

Erosion: Manmade, see notes

Action on Erosion: Recommend monitoring, see notes.

Survey Priority: Low

Notes: Action has been taken to hold back erosion on the coast path; this should be inspected next summer to see if more repairs are necessary. The outer banks are in a grazed area, but these are fairly covered with bracken and gorse. However, the outer bank has a very limited patch of erosion, on which no action is needed. One depression on promontory could be natural. A flint was found in the bank.

### PRN 2716 PENRHYN TWLL, RAMSEY

Location: Map 6, OS grid ref. SM70382279

Photo No: None Date of Visit: 25/3/94

Access:

Ground Cover: Grass Use: Ungrazed Erosion: None

Action on Erosion: None Survey Priority: None

Notes: This is not a hillfort. The craggy feature encircled on the map is a natural outcrop. The whole area around - now rough grass and heath - was ploughed in the 1950's, so on the southeast side of the crag are recent clearance cairns. However, there are slight traces (which have been plotted from AP's and on the ground) of earlier field boundaries. One of these extends northwest from the crag for about 20m and could be mistaken for part of a hillfort enclosure.

#### PRN 2721 PORTH Y RHAW, SAM PEMB 273

Location: Map 7, OS grid ref. SM786242

Photo No: 102; 103; 104

Date of Visit: 10/93 and survey 3/94

Ground Cover: Grass Use: Ungrazed

Erosion: Natural cliff edge, manmade footpath

Action on Erosion: Recommend re-route footpath and excavate part or all of the areas that are going to go over

the cliff edge in the near future.

Survey Priority: High, undertaken as part of this project (see Figure 3).

Notes: No grazing, good grass cover on interior. Signs of rabbits in banks. Probable hut site visible (Figure 3). There may have been animal or, more probably, manmade damage to the top of both inner banks on either side of the entrance. Natural slip on small part of the north side of the top bank midway along. There has been extensive erosion at the west end of the inner defence (archive photo: 103), revealing the end of the inner ditch. The western part of the inner bank and the interior to the west of the possible hut are going to be eroded away in the near future; this is a candidate for excavation. The footpath into the promontory fort, at the east end of the site, is very close to the cliff edge and is causing damage to the end of the outer bank (Figure 3 and archive photo: 102); the footpath needs to be re-routed and the damage repaired. Coastal erosion of this fort is bad.

#### PRN 2728 PENPLEIDIAU CAMP. SAM PEMB 294

Location: Map 6, OS grid ref. SM76282396

Photo No: 105
Date of Visit: 10/93
Access: From coast path
Ground Cover: Grass
Use: Ungrazed

Erosion: Natural cliff edge and manmade, see notes

Action on Erosion: Recommend possible action on path erosion

Survey Priority: Medium

Notes: Small amount of erosion on exposed south face of promontory. Most of the erosion is just inside the inner bank and should probably be surveyed to show its extent, although this natural erosion will be impossible to cure. Inner bank has some path damage and some action could be taken here. Possible signs of having been used by rock climbers. No sign of any interior features.

### PRN 2733 TRWYN; TRWYN Y CASTELL

Location: Map 5, OS grid ref. SM79403149

Photo No: 149; 150 Date of Visit: 1/2/94 Access: From coast path. Ground Cover: Grass

Use: Grazed

Erosion: Natural cliff erosion and salt spray, manmade and animal path erosion, see notes.

Action on Erosion: Recommend possible re-turfing of areas most affected; recording, see notes.

Survey Priority: Medium

Notes: The outer ditch is eroding badly and is in need of remedial action. Erosion on the bank section needs recording. There is cliff and path erosion on the neck by the inner defences; possible action could be taken to returf the path. Internal features, or an inner ditch near beacon. For survey, allow at least two days plus one day to draw the bank section.

#### PRN 2734 CASTELL COCH, SAM PEMB 391

Location: Map 5, OS grid ref. SM77543035

Photo No: 111
Date of Visit: 10/93
Access: From coast path
Ground Cover: Grass
Use: Grazed? see notes
Erosion: Natural cliff erosion
Action on Erosion: None
Survey Priority: Low

Notes: Natural erosion on promontory, but no internal features visible. The site may be grazed and there is

evidence of rabbits.

#### PRN 2735 CAER ABER PWLL. SAM PEMB 292

Location: Map 5, OS grid ref. SM788307

Photo No: 109; 110
Date of Visit: 10/93
Access: On coast path
Ground Cover: Grass
Use: Sheep grazed

Erosion: Natural cliff edge

Action on Erosion: Recommend close monitoring of site until survey, at least, is undertaken. Action needed on

footpath erosion.

Survey Priority: Medium, see notes

Notes: The cliff has probably eroded to a large extent as there is only a small area enclosed relative to the large length of bank. However, it needs to be ascertained whether this erosion is still very active. Survey along with PRN 2907 is approaching a high priority. Revetment wall seen in bank (photo 109) where eroded by path.

### PRN 2780 GRIBIN. SAM PEMB 410

Location: Map 7, OS grid ref. SM80202390

Photo No: 101
Date of Visit: 10/93
Access: On coast path
Ground Cover: Grass

Use: Ungrazed

Erosion: Manmade, some path erosion, see notes

Action on Erosion: Recommend liaison with National Parks/

National Trust about possible work.

Survey Priority: Medium

Notes: A little erosion on the path through the ditch and bank, but no action thought necessary. Small amount of erosion on the minor path to the south of the coast path coming up from the east valley, which is damaging the wall; suggest liaise with National Park about possible action. A survey is needed, at least, of the walled annex to the high point of the headland, as this does not appear to be recorded. There is stone revetment on the inner side of the ditch and the bank on the east side of the promontory bank. No grazing but evidence of rabbits. Probable

main entrance on the west side. A wide cart-sized trackway up, and with the wall on the east side of the fort, makes this site different from the other promontory sites seen.

### PRN 2784 DINAS FACH; DINASOEDD

Location: Map 7, OS grid ref. SM82572293

Photo No: 120 Date of Visit: 12/1/94 Access: From coast path Ground Cover: Grass

Use: Grazed

Erosion: None visible Action on Erosion: None Survey Priority: Low

Notes: Possible small outer bank and ditch. Inner bank and ditch total 2m high. Simple linear entrance. There is a series of platforms in the interior of the promontory fort but further investigation would be required to establish whether they are natural or not.

### PRN 2789 PORTH Y BWCH; PEN DINAS FACH

Location: Map 7, OS grid ref. SM812233

Photo No: None Date of Visit: 9/12/93 Access: From coast path Ground Cover: Grass

Use: Grazed Erosion: Natural Action on Erosion: None Survey Priority: None

Notes: No interior (or exterior) features could be identified. Sheep grazed, but good ground cover. Only slight

natural erosion.

Very little internal area. IS THIS REALLY A FORT?

### PRN 2790 DINAS FAWR

Location: Map 7, OS grid ref. SM812230

Photo No: None
Date of Visit: 9/12/93
Access: From coast path
Ground Cover: Grass

Use: Grazed

Erosion: None visible Action on Erosion: None Survey Priority: None

Notes: Natural defences only, although there would appear to be some quarrying or mining near the entrance. Sheep grazed with some tracks. Opinion is currently that this is not a fort, unless more substantial evidence found.

### PRN 2828 DINAS MAWR. SAM PEMB 075

Location: Map 4, OS grid ref. SM888387

Photo No: 118; 119 Date of Visit: 10/93 Access: From coast path Ground Cover: Grass Use: Grazed

Erosion: Natural cliff and soil erosion

Action on Erosion: None Survey Priority: Low

Notes: Very good natural defences. Promontory defended by one large ditch and bank, with central entrance. Very limited erosion at the north end of the bank (natural, unstoppable). There has probably been similar erosion at the south end of the ditch. The interior has a lot of bare rock, and very little soil cover which has grass and gorse. No active erosion seen. Not thought necessary to survey; although the ditch and bank could be done it is not a priority.

# PRN 2835 CARREG GOLCHFA

Location: Map 4, OS grid ref. SM88283518

Photo No: 116; 117 Date of Visit: 10/93 Access: From coast path Ground Cover: Grass

Use: Ungrazed

Erosion: Natural cliff erosion Action on Erosion: None Survey Priority: Low, see notes

Notes: Natural cliff erosion, no effective long-term action possible. Present size could be recorded in order to

monitor rate of erosion. Single bank, no internal features visible, thin soil cover with good grass.

#### PRN 2844 PORTH-EGR

Location: Map 5, OS grid ref. SM801322

Photo No: None Date of Visit: 1/2/94 Access: From coast path Ground Cover: Grass

Use: Grazed

Erosion: None visible Action on Erosion: None Survey Priority: None

Notes: No features were observed that could not be explained as natural.

### PRN 2848 CASTELL COCH. SAM PEMB 029

Location: Map 5, OS grid ref. SM840338

Photo No: 112; 113 Date of Visit: 10/93 Access: From coast path Ground Cover: Grass Use: Ungrazed

Erosion: Natural cliff edge Action on Erosion: None

Survey Priority: Medium, see notes

Notes: Interior has thin soil cover which is well grassed over and there are no signs of any amount of recent erosion. The inner bank is eroding at the cliff edge on the north end and there is also possible animal damage to this bank. It is recommended that the inner bank be surveyed at least although probably all of the defence could easily be done at the same time. There are no interior features visible.

### PRN 2863 CASTELL COCH; PENMORFA. SAM PEMB 393

Location: Map 4, OS grid ref. SM872347

Photo No: 114, 115 Date of Visit: 10/93 Access: From coast path Ground Cover: Scrub Use: Ungrazed

Erosion: Natural cliff edge, small amount only

Action on Erosion: None Survey Priority: Low

Notes: Overgrown on both ramparts and interior, the latter

covered with grass, bracken and brambles. There is a probable central entrance. The outer bank has a stone revetment wall; this could be a later hedge bank, but would need confirmation. There are no features visible

within the fort.

#### PRN 2864 YNYS Y CASTELL. SAM PEMB 038

Location: Map 4, OS grid ref. SM85133392

Photo No: 151 Date of Visit: 1/2/94

Access: Tidal access only to this site

Ground Cover: Grass Use: Ungrazed

Erosion: Natural cliff edge and some soil erosion, very little.

Action on Erosion: None Survey Priority: None

Notes: No archaeological features visible.

#### PRN 2907 LITTLE ABER PWLL. SAM PEMB 392

Location: Map 5, OS grid ref. SM790308

Photo No: 109; 110
Date of Visit: 10/93
Access: On coast path
Ground Cover: Grass
Use: Sheep grazed

Erosion: Natural cliff edge

Action on Erosion: Recommend close monitoring of site until survey at least undertaken.

Survey Priority: Medium

Notes: The cliff has probably eroded to a large extent as there is only a small area enclosed relative to the large length of bank. However whether this erosion is still very active will have to be ascertained. Survey along with PRN 2735 is approaching a high priority. Revetment wall seen in bank (photo 109) where eroded by path.

### PRN 2926 SOUTH NECK CAMP, SKOMER ISLAND. SAM PEMB 181

Location: Map 7, OS grid ref. SM73600890

Photo No: None
Date of Visit: 5/93
Access: No public access
Ground Cover: Grass
Use: Ungrazed

Erosion: None visible Action on Erosion: None

Survey Priority: Low Notes: Some animal/bird burrows.

### PRN 2929 GATEHOLM ISLAND. SAM PEMB 180

Location: Map 8, OS grid ref. SM76900718

Photo No: 139
Date of Visit: 26/1/94
Access: Tidal only
Ground Cover: Grass
Use: Ungrazed

Erosion: Natural cliff edge; animal activity, some burrows

Action on Erosion: Recommend monitoring

Survey Priority: Low

Notes: Still very good grass cover. No grazing, some bird burrow disturbance. Erosion confined to cliff edges especially on northern coast of island. Areas of major cliff erosion have been marked on the field map (Figure 5).

#### PRN 2939 WATERY BAY RATH; MARLOES SOUND RATH, SAM PEMB 194

Location: Map 8, OS grid ref. SM76870794

Photo No: 137; 138 Date of Visit: 26/1/94 Access: On coast path Ground Cover: Scrub

Use: Ungrazed

Erosion: Manmade path erosion

Action on Erosion: Recommend re-turfing

Survey Priority: Low

Notes: Multivallate, triple bank (inner bank largest, middle bank smallest). It would be worthwhile to survey a profile of this site. The west end of the outer bank is eroding due to coast path walkers using it as a viewing

platform. Possible re-turfing should be considered.

#### PRN 2940 WOOLTACK POINT. SAM PEMB 323

Location: Map 8, OS grid ref. SM75770905

Photo No: 127 Date of Visit: 13/1/94 Access: On coast path

Ground Cover: Grass and scrub

Use: Grazed

Erosion: Animal along with natural cliff edge and salt spray.

Action on Erosion: Recommend ponies kept away from banks and that the area at the south end of the defences is

re-turfed.

Survey Priority: Medium

Notes: Grass and scrub cover generally good except on paths where some erosion is evident. The main footpath through the defences is now stepped and the erosion is under control. There is, however, an erosion problem in the bank to the south where there is a small path and this is being exacerbated by the presence of grazing ponies continually using this as an access way.

#### PRN 2960 GREAT CASTLE HEAD. SAM PEMB 195

Location: Map 8, OS grid ref. SM79920565

Photo No: 128; 129 Date of Visit: 20/1/94 Access: From coast path Ground Cover: Grass Use: Ungrazed

Erosion: Natural cliff edge and landslip. Animal burrows. Action on Erosion: Possible action on animals, see notes.

Survey Priority: High, area in situ undertaken as part of this project, but the landslip area still needs to be done. Notes: Large and steep bivallate defences. Erosion on outer bank at north end of outer scarp. The extreme north edge of the defences appear to be slumping. There is erosion in the interior caused by walkers. Grass cover is good, and ungrazed, although there is evidence of badgers, foxes or rabbits in the bank which are causing considerable damage. Only a partial survey was undertaken due to the active erosion and weather conditions.

#### PRN 2962 LITTLE CASTLE POINT

Location: Map 8, OS grid ref. SM79800389

Photo No: 130

Date of Visit: 20/1/94 Access: From coast path Ground Cover: Grass

Use: Ungrazed

Erosion: Natural cliff erosion Action on Erosion: None Survey Priority: Low

Notes: A semi-circular univallate small ditch and bank with a simple entrance. No interior features visible. There

is natural cliff erosion on the northern side.

#### PRN 2986 DALE POINT. SAM PEMB 322

Location: Map 8, OS grid ref. SM82120521

Photo No: None Date of Visit: 20/1/94 Access: From coast path Ground Cover: Scrub

Use: Ungrazed

Erosion: None visible but see notes.

Action on Erosion: Recommend reinstatement of turf on excavated area, see notes.

Survey Priority: Low

Notes: This site has good scrub cover, is ungrazed, and there is no sign of any major threat from natural erosion. The part of the interior of the fort which had been left open after the 1991 excavation should be reinstated. This was to be the site for a sewage works and the area was archaeologically sterilised, but for various reasons the building work was not undertaken. This open area now leaves the surrounding area vulnerable to erosion and threatens the remaining archaeological deposits. (This would probably require a JCB for half a day to back-fill, and the work should be supervised by a professional archaeologist). There is an area at the south end of the entrance defences on the interior of the bank which is open to the

weather, and the possibility of covering this should be con-

sidered. There is an area within the fort which seems to have been used as a general dumping ground for building debris and assorted rubbish. This should be tidied up and removed, again under archaeological supervision.

### PRN 3006 GREAT CASTLE HEAD. SAM PEMB 406

Location: Map 9, OS grid ref. SM84830603

Photo No: 132

Date of Visit: 20/1/94 Access: On coast path Ground Cover: Scrub Use: Ungrazed

Erosion: Natural/manmade

Action on Erosion: Recommend remedial action on bank

Survey Priority: Low

Notes: Appears to be single ditch and bank. Internal feature, possible quarry. Erosion on bank near modern

entrance is in need of remedial attention.

### PRN 3024 LITTLE CASTLE HEAD. SAM PEMB 408

Location: Map 9, OS grid ref. SM85460650

Photo No: 133
Date of Visit: 20/1/94
Access: From coast path
Ground Cover: Grass

Use: Ungrazed

Erosion: Natural cliff erosion, see notes

Action on Erosion: None Survey Priority: Low

Notes: A short univallate defence (linear). There is a small amount of cliff erosion on the west side of the

promontory exposing the ditch-fill at the cliff edge.

#### PRN 3025 SOUTH HOOK CAMP. SAM PEMB 307

Location: Map 9, OS grid ref. SM86600625

Photo No: 134
Date of Visit: 24/1/94
Access: From coast path
Ground Cover: Scrub

Use: Ungrazed

Erosion: No visible erosion Action on Erosion: None Survey Priority: Low

Notes: A semi-circular large single bank and ditch. There is a row of concrete fence posts across the interior and

through the bank. No sign of an entrance.

### PRN 3027 CLIFF CASTLE; CASTLE FIELD

Location: Map 9, OS grid ref. SM87050541

Photo No: None Date of Visit: 24/1/94 Access: Not applicable Ground Cover: Grass Use: Ungrazed

Erosion: None visible Action on Erosion: None Survey Priority: None

Notes: This site lies beneath post medieval fort defences.

No Iron Age features were observed.

### PRN 3065 CASTLES BAY. SAM PEMB 411

Location: Map 9, OS grid ref. SM84550182

Photo No: 140; 141 Date of Visit: 26/1/94 Access: From coast path Ground Cover: Grass Use: Grazed

Erosion: Cliff edge and landslip erosion. Animal erosion on bank

Action on Erosion: Recommend re-turfing of exposed bank top Survey Priority: High

Notes: Outer bank is eroding due to sheep grazing and probable former military use. There is also active cliff erosion affecting this site. Thin grass cover. It was not possible to investigate the interior, due to gale force winds. Survey is a high priority but access could be difficult.

#### PRN 3099 WEST PICKARD CAMP, SAM PEMB 167

Location: Map 9, OS grid ref. SM86240103

Photo No: 142 Date of Visit: 26/1/94 Access: From coast path Ground Cover: Grass

Use: Grazed Erosion: Animal

Action on Erosion: Recommend protecting affected areas and re-covering.

Survey Priority: Medium

Notes: East end of bank eroding by entrance, needs attention.

West end of bank also eroding, but not as significantly. Simple entrance on the west side. Gun emplacement on

interior. There are other features in the interior, but these could also be military.

#### PRN 3128 BLACK POINT RATH. SAM PEMB 265

Location: Map 7, OS grid ref. SM85971527

Photo No: 121, 122 Date of Visit: 13/1/94 Access: From coast path

Ground Cover: Grass with scrub patches

Use: Grazed

Erosion: Natural cliff edge and landslip erosion, significant Action on Erosion: Recommend survey and excavation

Survey Priority: High

Notes: Significant natural erosion. A third person may be necessary on the survey team to belay the "chain boy".

This site has also been targeted for excavation. Are possible hut platforms natural?

### PRN 3133 BROADMOOR RATH. SAM PEMB 283

Location: Map 8, OS grid ref. SM81661246

Photo No: 124
Date of Visit: 13/1/94
Access: On coast path
Ground Cover: Scrub
Use: Ungrazed

Erosion: Manmade erosion, see notes

Action on Erosion: Recommend contact National Park Footpaths Officer to discuss remedial action.

Survey Priority: Low

Notes: Single, semi-circular bank and ditch, large. Simple entrance. The interior is scrub covered and ungrazed and the site is fenced outside the ditch. There are no interior features visible due to scrub cover. There is no cliff erosion directly threatening this site. The northern end of the bank is being used by coast-path walkers as a viewing platform and as a result is being denuded. This will lead to serious erosion problems if the bank is not returfed as soon as possible.

#### PRN 3141 HALFWAY ROCK

Location: Map 8, OS grid ref. SM8011

Photo No: None Date of Visit: 13/1/94 Access: From coast path Ground Cover: Grass

Use: Ungrazed

Erosion: Natural cliff erosion, slight

Action on Erosion: None Survey Priority: None

Notes: Good promontory, but no archaeologically significant features.

### PRN 3148 HOWNEY STONE RATH. SAM PEMB 282

Location: Map 8, OS grid ref. SM82001277

Photo No: 123

Date of Visit: 13/1/94 Access: From coast path Ground Cover: Scrub Use: Ungrazed

Erosion: None visible

Action on Erosion: Recommend frequent monitoring

Survey Priority: Low

Notes: Double curvilinear, large, bank and ditch; interior bank very steep. Scrub cover in interior, no visible features. No path damage or erosion, but this site will need to be monitored frequently for any evidence of this. There is no apparent cliff erosion actively affecting this site. Survey is very low priority, although the quality of these earthworks would make a survey worthwhile.

PRN 3170 OLD CASTLE

# Location: OS grid ref. SM91200548

Appears to be totally built over.

### PRN 3220 WEST POPTON CAMP; FENNY COOMBE. SAM PEMB 264

Location: Map 9, OS grid ref. SM90700375

Photo No: 136

Date of Visit: 24/1/94 Access: No public access Ground Cover: Scrub Use: Not ascertained Erosion: Not ascertained Action on Erosion: None Survey Priority: Low

Notes: Access not gained to this site. No action or survey

priority appears necessary. This is a scarp edge site, but will be counted as a promontory fort for this survey.

### PRN 3226 MARTIN'S HAVEN. SAM PEMB 400

Location: Map 10, OS grid ref. SM92130308

Photo No: None Date of Visit: 24/1/94 Access: From coast path Ground Cover: Grass and scrub

Use: Grazed

Erosion: None visible Action on Erosion: None Survey Priority: Low

Notes: Very good scrub cover on defences. Grazed grass interior. Scarp edge site, but will be counted as a promontory fort for this survey.

#### PRN 3227 WEST PENNAR RATH. SAM PEMB 262

Location: Map 10, OS grid ref. SM93370304

Photo No: 135 Date of Visit: 24/1/94

Access: Private

Ground Cover: Grass and scrub

Use: Grazed

Erosion: Manmade, see notes

Action on Erosion: Recommend frequent monitoring and for Cadw to contact the owner.

Survey Priority: Low

Notes: Erosion of banks is ongoing, due to plough encroachment. There is animal derived erosion of the western defensive bank and counter-scarp. There is some rubbish dumped in the western ditch, but this does not appear to be recent. The defences are scrub covered. This site is not a promontory fort.

be recent. The defences are scrub covered. This site is not a promontory fort.

#### PRN 3665 TOP CASTLE. SAM CARM 039

Location: Map 12, OS grid ref. SN19450773

Photo No: None Date of Visit: 16/2/94

Access: No visible public access, but improvements to footpath

along coast will probably mean greater access.

Ground Cover: Grass and scrub

Use: Grazed

Erosion: None visible Action on Erosion: None Survey Priority: Low

Notes: No easy public access. Interior, good rough grass.

Defences scrub covered. A few animal burrows.

### PRN 3827 NAPP CAMP

Location: Map 12, OS grid ref. SN227077

Photo No: None
Date of Visit: 16/2/94
Access: On public path
Ground Cover: Scrub
Use: Ungrazed

Erosion: None visible Action on Erosion: None Survey Priority: Low

Notes: Public access to this site is being made easier by the construction of a coastal footpath, which could increase the possibility of erosion caused by visitors. It is advisable that the site be monitored in a year or two.

#### PRN 4193 FRESHWATER EAST CAMP

Location: Map 11, OS grid ref. SS02359825

Photo No: 148

Date of Visit: 27/1/94

Access: Private

Ground Cover: Buildings and gardens

Use: Domestic Erosion: None active Action on Erosion: None Survey Priority: None

Notes: This site is now built upon

#### PRN 4205 GREENALA FORT. SAM PEMB 046

Location: Map 11, OS grid ref. SS00659658

Photo No: 146; 147 Date of Visit: 27/1/94 Access: On coast path Ground Cover: Grass

Use: Grazed

Erosion: Manmade, footpath, see notes

Action on Erosion: Recommend advice on possible remedial action.

Survey Priority: Medium

Notes: A multivallate site with an angled entrance. Considerable footpath erosion on west end of defensive banks; it is uncertain, however, as to how much could be done to repair or halt this damage. The coast path has also eroded the outer defensive banks further to the east, especially in the middle section; this could become active

erosion again.

### PRN 4223 OLD CASTLE HEAD; MANORBIER CAMP

Location: Map 11, OS grid ref. SS07579666

Photo No: None Date of Visit: 27/1/94

Access: None. MoD Restricted Area Ground Cover: Not ascertained

Use: Not ascertained
Erosion: Not ascertained
Action on Erosion: None
Survey Priority: Not ascertained

Notes: Probably under grass, and probably grazed.

### PRN 5015 CASTLE POINT, SAM PEMB 096

Location: Map 3, OS grid ref. SM962378

Photo No: None Date of Visit: 19/10/93 Access: From coast path

Ground Cover: Grass with scrub patches

Use: Ungrazed

Erosion: Natural bank erosion

Action on Erosion: Recommend brought to attention of appropriate body.

Survey Priority: Low

Notes: There is no evidence for this being an Iron Age Fort. The interior of the fort and its defences have been greatly affected by the building of the Eighteenth Century Fort. There is a little natural erosion on the north east

side of the inner bank, which is of little concern. There is some erosion on part of the north upper bank of the 18C fort, which could do with some attention. There are brambles in patches and on the defences of the 18C fort.

### PRN 7735 GRAIG Y GWBERT

Location: Map 2, OS grid ref. SN159502

Photo No: 156
Date of Visit: 2/2/94
Access: Private
Ground Cover: Grass
Use: Private golf course
Erosion: None visible
Action on Erosion: None
Survey Priority: Low

Notes: There is no sign of any cliff erosion. Minor erosion around Lime Kiln and entrance, no remedial action

required.

### PRN 8409 TRWYN GARLIC, RAMSEY.

Location: OS grid ref. SM699241

Photo No: None Date of Visit: 25/3/94 Access: Footpath Ground Cover: Grass

Use: Ungrazed

Erosion: Animal, minor burrows

Action on Erosion: None Survey Priority: Low

Notes: This is not a hillfort. A slight earth bank (Im wide, max height 0.2m), now very rabbit eroded, extends across the neck of the small promontory of Trwyn Garlic on the south side of Aber Mawr. The bank is a field bank similar to others plotted by DAT from aerial photographs on slopes of Carn Llundain. A large feature on the east side of the promontory, marked on the map is an area of natural subsidence resulting in a wide trench-like feature - soil and subsoil movement over a geological fissure probably.

## PRN 8899 GWBERT HOTEL

Location: Map 2, OS grid ref. SN161499

Photo No: None
Date of Visit: 2/2/94
Access: Private
Ground Cover: Grass
Use: Private golf course
Erosion: None visible
Action on Erosion: None
Survey Priority: Low

Notes: Curvilinear ditch, no bank. Not really a promontory fort.

### PRN Number Order List

- PRN 539 LINNEY HEAD SAM PEMB 142
- PRN 602 FLIMSTON BAY SAM PEMB 141
- PRN 603 CROCKSYDAM HILLFORT SAM PEMB 319
- PRN 609 BUCKSPOOL CAMP SAM PEMB 047
- PRN 629 FISHPOND CAMP SAM PEMB 048
- PRN 1043 CASTELL SAM PEMB 212
- PRN 1101 YNYSLOCHDIN
- PRN 1157 CASTELL TRE RUFFYDD SAM PEMB 214
- PRN 1355 CASTELL BACH SAM CARD 068
- PRN 1368 CASTELL-BACH SAM CARD 091
- PRN 1587 DINAS ISLAND CASTELL (EAST)
- PRN 1588 DINAS ISLAND CASTELL (WEST)
- PRN 2158 GLAN-Y-MOR EARTHWORK SAM CARM 232
- PRN 2198 LLANSTEPHAN CASTLE SAM CARM 004
- PRN 2618 TOWER POINT RATH SAM PEMB 281
- PRN 2620 CASTLE HEAD
- PRN 2624 ST DAVID'S HEAD SAM PEMB 071
- PRN 2714 CASTELL MEINIF; CASTELL HEINIF SAM PEMB 295
- PRN 2716 PENRHYN TWLL, RAMSEY
- PRN 2721 PORTH Y RHAW CAMP SAM PEMB 273
- PRN 2728 PENPLEIDIAU CAMP SAM PEMB 294
- PRN 2733 TRWYN; TRWYN Y CASTELL
- PRN 2734 CASTELL COCH SAM PEMB 391
- PRN 2735 CAER ABER PWLL SAM PEMB 292
- PRN 2780 GRIBIN SAM PEMB 410
- PRN 2784 DINAS FACH; DINASOEDD
- PRN 2789 PORTH Y BWCH; PEN DINAS FACH
- PRN 2790 DINAS FAWR
- PRN 2828 DINAS MAWR SAM PEMB 075
- PRN 2835 CARREG GOLCHFA
- PRN 2844 PORTH EGR
- PRN 2848 CASTELL COCH SAM PEMB 029
- PRN 2863 CASTELL COCH; PENMORFA SAM PEMB 393
- PRN 2864 YNYS Y CASTELL SAM PEMB 038
- PRN 2907 LITTLE ABER PWLL SAM PEMB 392
- PRN 2926 SOUTH NECK CAMP, SKOMER ISLAND SAM PEMB 181
- PRN 2929 GATEHOLM ISLAND SAM PEMB 180
- PRN 2939 WATERY BAY RATH; MARLOES SOUND RATH SAM PEMB 194
- PRN 2940 WOOLTACK POINT SAM PEMB 323
- PRN 2960 GREAT CASTLE HEAD SAM PEMB 195
- PRN 2962 LITTLE CASTLE POINT
- PRN 2986 DALE POINT SAM PEMB 322
- PRN 3006 GREAT CASTLE HEAD SAM PEMB 406
- PRN 3024 LITTLE CASTLE HEAD SAM PEMB 408
- PRN 3025 SOUTH HOOK CAMP SAM PEMB 307
- PRN 3027 CLIFF CASTLE; CASTLE FIELD
- PRN 3065 CASTLES BAY SAM PEMB 411
- PRN 3099 WEST PICKARD CAMP SAM PEMB 167
- PRN 3128 BLACK POINT RATH SAM PEMB 265
- PRN 3133 BROADMOOR RATH SAM PEMB 283
- PRN 3141 HALFWAY ROCK (SEE PRN 2981)
- PRN 3148 HOWNEY STONE RATH SAM PEMB 282
- PRN 3170 OLD CASTLE
- PRN 3220 WEST POPTON CAMP; FENNY COOMBE SAM PEMB 264
- PRN 3226 MARTIN'S HAVEN, SAM PEMB 400
- PRN 3227 WEST PENNAR RATH SAM PEMB 262

PRN 3665 TOP CASTLE SAM CARM 039
PRN 3827 NAPP CAMP SAM CARM 019
PRN 4193 FRESHWATER EAST
PRN 4205 GREENALA FORT SAM PEMB 046
PRN 4223 OLD CASTLE HEAD
PRN 5015 CASTLE POINT SAM PEMB 096
PRN 7735 GRAIG Y GWBERT
PRN 8409 TRWYN GARLIC, RAMSEY
PRN 8899 GWBERT HOTEL

## **SAM Number Order List**

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SAM CARD 068 PRN 1355 CASTELL BACH
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SAM CARD 091 PRN 1368 CASTELL-BACH

SAM CARM 004 PRN 2198 LLANSTEPHAN CASTLE

SAM CARM 019 PRN 3827 NAPP CAMP

SAM CARM 039 PRN 3665 TOP CASTLE

SAM CARM 232 PRN 2158 GLAN-Y-MOR EARTHWORK

SAM PEMB 029 PRN 2848 CASTELL COCH

SAM PEMB 038 PRN 2864 YNYS Y CASTELL

SAM PEMB 046 PRN 4205 GREENALA FORT

SAM PEMB 047 PRN 609 BUCKSPOOL CAMP

SAM PEMB 048 PRN 629 FISHPOND CAMP

SAM PEMB 071 PRN 2624 ST DAVID'S HEAD

SAM PEMB 075 PRN 2828 DINAS MAWR

SAM PEMB 096 PRN 5015 CASTLE POINT

SAM PEMB 141 PRN 602 FLIMSTON BAY

SAM PEMB 142 PRN 539 LINNEY HEAD

SAM PEMB 167 PRN 3099 WEST PICKARD CAMP

SAM PEMB 180 PRN 2929 GATEHOLM ISLAND

SAM PEMB 181 PRN 2926 SOUTH NECK CAMP, SKOMER ISLAND

SAM PEMB 194 PRN 2939 WATERY BAY RATH; MARLOES SOUND RATH

SAM PEMB 195 PRN 2960 GREAT CASTLE HEAD

SAM PEMB 212 PRN 1043 CASTELL

SAM PEMB 214 PRN 1157 CASTELL TRE RUFFYDD

SAM PEMB 262 PRN 3227 WEST PENNAR RATH

SAM PEMB 264 PRN 3220 WEST POPTON CAMP; FENNY COOMBE

SAM PEMB 265 PRN 3128 BLACK POINT RATH

SAM PEMB 273 PRN 2721 PORTH Y RHAW CAMP

SAM PEMB 281 PRN 2618 TOWER POINT RATH

SAM PEMB 282 PRN 3148 HOWNEY STONE RATH

SAM PEMB 283 PRN 3133 BROADMOOR RATH

SAM PEMB 292 PRN 2735 CAER ABER PWLL

SAM PEMB 294 PRN 2728 PENPLEIDIAU CAMP

SAM PEMB 295 PRN 2714 CASTELL MEINIF; CASTELL HEINIF

SAM PEMB 307 PRN 3025 SOUTH HOOK CAMP

SAM PEMB 319 PRN 603 CROCKSYDAM HILLFORT

SAM PEMB 322 PRN 2986 DALE POINT

SAM PEMB 323 PRN 2940 WOOLTACK POINT

SAM PEMB 391 PRN 2734 CASTELL COCH

SAM PEMB 392 PRN 2907 LITTLE ABER PWLL

SAM PEMB 393 PRN 2863 CASTELL COCH

SAM PEMB 400 PRN 3226 MARTIN'S HAVEN

SAM PEMB 406 PRN 3006 GREAT CASTLE HEAD

SAM PEMB 408 PRN 3024 LITTLE CASTLE HEAD

SAM PEMB 410 PRN 2780 GRIBIN

SAM PEMB 411 PRN 3065 CASTLES BAY

PRN 1101 YNYSLOCHDIN

PRN 1587 DINAS ISLAND CASTELL (EAST)

PRN 1588 DINAS ISLAND CASTELL (WEST)

PRN 2620 CASTLE HEAD

PRN 2716 PENRHYN TWLL, RAMSEY

PRN 2733 TRWYN; TRWYN Y CASTELL

PRN 2784 DINAS FACH; DINASOEDD

PRN 2789 PORTH Y BWCH; PEN DINAS FACH

PRN 2790 DINAS FAWR

PRN 2835 CARREG GOLCHFA

PRN 2844 PORTH EGR

PRN 2962 LITTLE CASTLE POINT
PRN 3027 CLIFF CASTLE; CASTLE FIELD
PRN 3141 HALFWAY ROCK (SEE PRN 2981)
PRN 3170 OLD CASTLE
PRN 4193 FRESHWATER EAST
PRN 4223 OLD CASTLE HEAD; MANORBIER CAMP
PRN 7735 GRAIG Y GWBERT
PRN 8409 TRWYN GARLIC, RAMSEY
PRN 8899 GWBERT HOTEL

# Alphabetical Order List

BLACK POINT RATH, SAM PEMB 265, PRN 3128

BROADMOOR RATH, SAM PEMB 283, PRN 3133

BUCKSPOOL CAMP, SAM PEMB 047, PRN 609

CAER ABER PWLL, SAM PEMB 292, PRN 2735

CARREG GOLCHFA, PRN 2835

CASTELL BACH, SAM CARD 068, PRN 1355

CASTELL COCH, SAM PEMB 029, PRN 2848

CASTELL COCH, SAM PEMB 391, PRN 2734

CASTELL COCH; PENMORFA, SAM PEMB 393, PRN 2863

CASTELL MEINIF; CASTELL HEINIF, SAM PEMB 295, PRN 2714

CASTELL-BACH, SAM CARD 091, PRN 1368

CASTELL, SAM PEMB 212, PRN 1043

CASTELL TRE RUFFYDD, SAM PEMB 214, PRN 1157

CASTLE HEAD, PRN 2620

CASTLE POINT, PRN 5015, SAM PEMB 096

CASTLES BAY, SAM PEMB 411, PRN 3065

CLIFF CASTLE; CASTLE FIELD, PRN 3027

CROCKSYDAM HILLFORT, SAM PEMB 319, PRN 603

DALE POINT, SAM PEMB 322, PRN 2986

DINAS FACH; DINASOEDD, PRN 2784

DINAS FAWR, PRN 2790

DINAS ISLAND CASTELL (EAST), PRN 1587

DINAS ISLAND CASTELL (WEST), PRN 1588

DINAS MAWR, SAM PEMB 075, PRN 2828

FISHPOND CAMP, SAM PEMB 048, PRN 629

FLIMSTON BAY, SAM PEMB 141, PRN 602

FRESHWATER EAST, PRN 4193

GATEHOLM ISLAND, SAM PEMB 180, PRN 2929

GLAN-Y-MOR EARTHWORK, SAM CARM 232, PRN 2158

GRAIG Y GWBERT, PRN 7735

GREAT CASTLE HEAD, SAM PEMB 195, PRN 2960

GREAT CASTLE HEAD, SAM PEMB 406, PRN 3006

GREENALA FORT, SAM PEMB 046, PRN 4205

GRIBIN, SAM PEMB 410, PRN 2780

GWBERT HOTEL, PRN 8899

HALFWAY ROCK, PRN 3141 (SEE PRN 2981)

HOWNEY STONE RATH, SAM PEMB 282, PRN 3148

LINNEY HEAD, SAM PEMB 142, PRN 539

LITTLE ABER PWLL, SAM PEMB 392, PRN 2907

LITTLE CASTLE HEAD, SAM PEMB 408, PRN 3024

LITTLE CASTLE POINT, PRN 2962

LLANSTEPHAN CASTLE, SAM CARM 004, PRN 2198

MARTIN'S HAVEN, PRN 3226, SAM PEMB 400

NAPP CAMP, SAM CARM 019, PRN 3827

OLD CASTLE, PRN 3170

OLD CASTLE HEAD; MANORBIER CAMP, PRN 4223

PENPLEIDIAU CAMP, SAM PEMB 294, PRN 2728

PENRHYN TWLL, RAMSEY, PRN 2716

PORTH EGR, PRN 2844

PORTH Y BWCH; PEN DINAS FACH, PRN 2789

PORTH Y RHAW CAMP, SAM PEMB 273, PRN 2721

SOUTH NECK CAMP, SKOMER ISLAND, SAM PEMB 181, PRN 2926

SOUTH HOOK CAMP, SAM PEMB, 307 PRN 3025

ST DAVID'S HEAD, SAM PEMB 071, PRN 2624

TOP CASTLE, SAM CARM 039, PRN 3665

TOWER POINT RATH, SAM PEMB 281, PRN 2618

TRWYN GARLIC, RAMSEY, PRN 8409

TRWYN; TRWYN Y CASTELL, PRN 2733

WATERY BAY RATH; MARLOES SOUND RATH, SAM PEMB 194, PRN 2939

WEST PENNAR RATH, PRN 3227, SAM PEMB 262

WEST PICKARD CAMP, SAM PEMB 167, PRN 3099

WEST POPTON CAMP; FENNY COOMBE, SAM PEMB 264, PRN 3220

WOOLTACK POINT, SAM PEMB 323, PRN 2940

YNYS Y CASTELL, PRN 2864, SAM PEMB 038

YNYSLOCHDIN, PRN 1101

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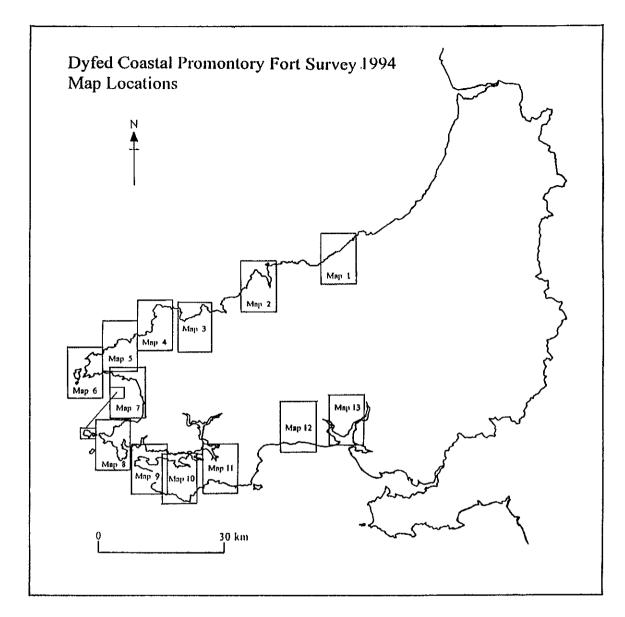
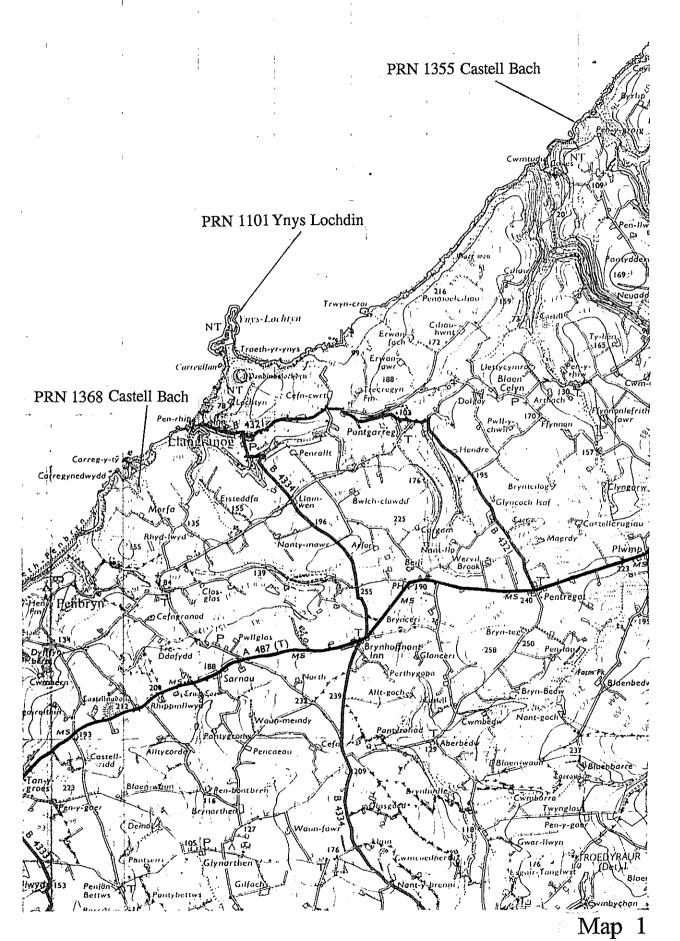
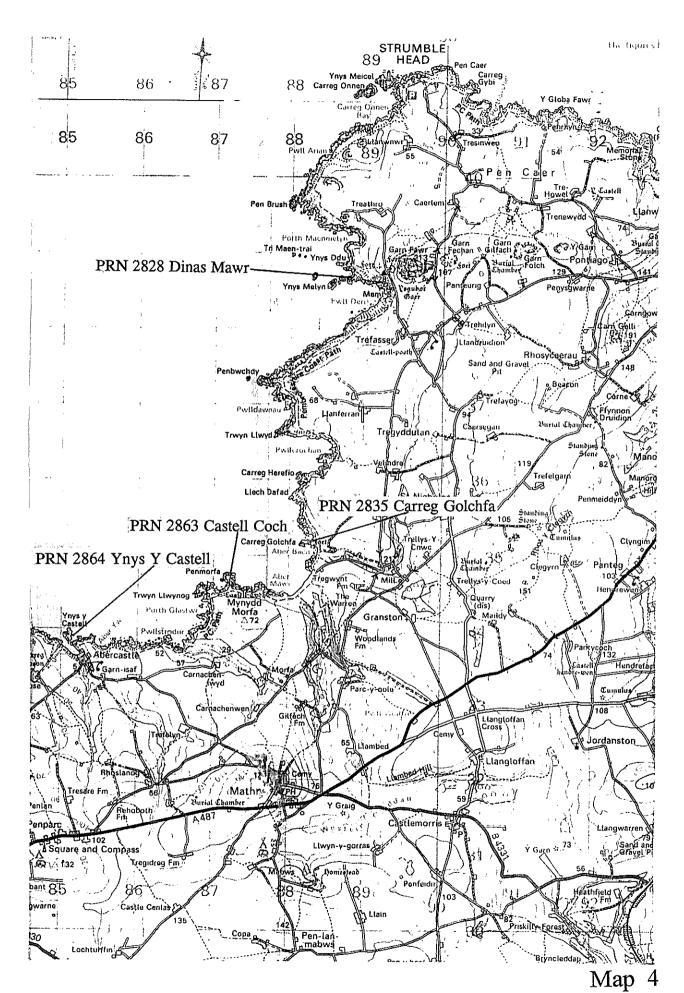
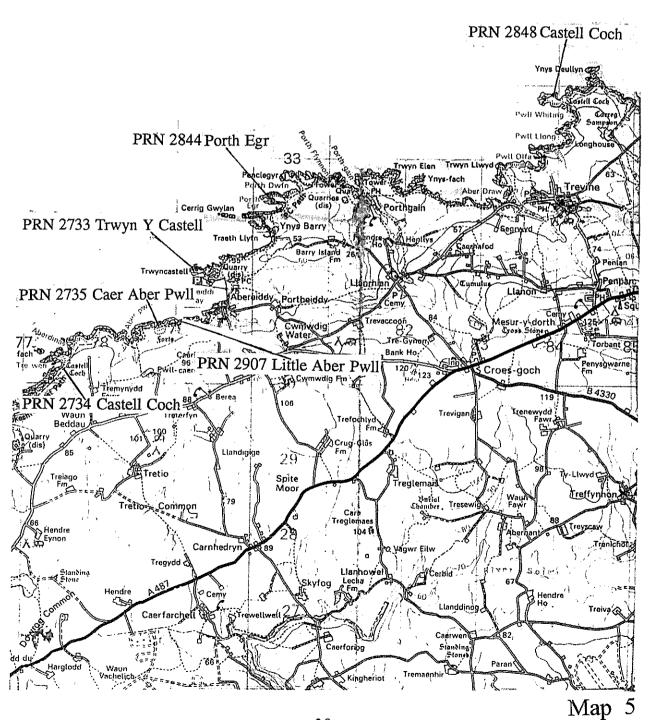


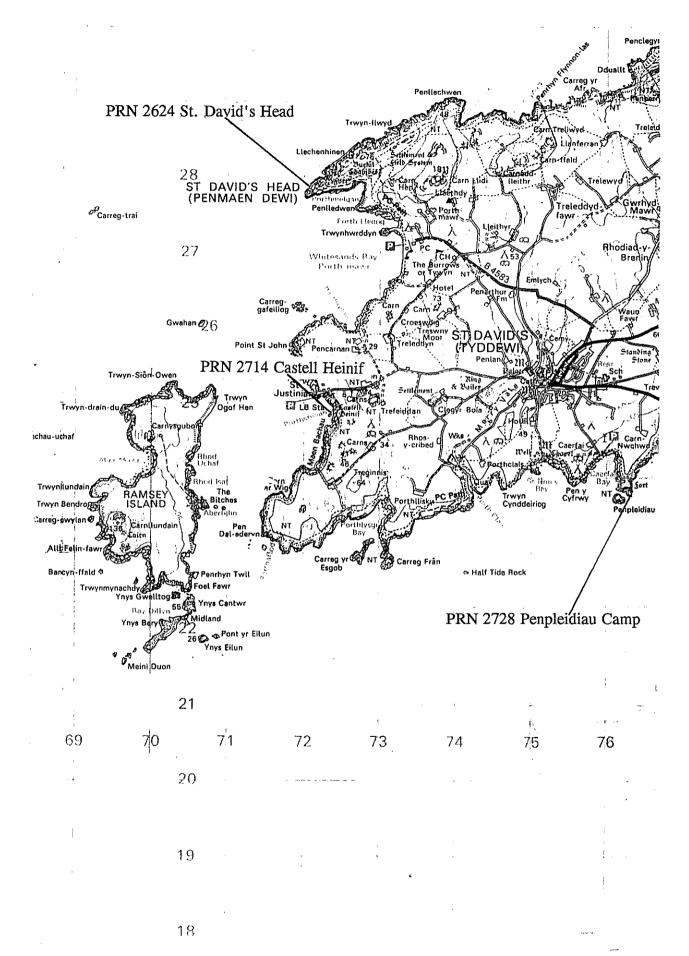
Figure 1



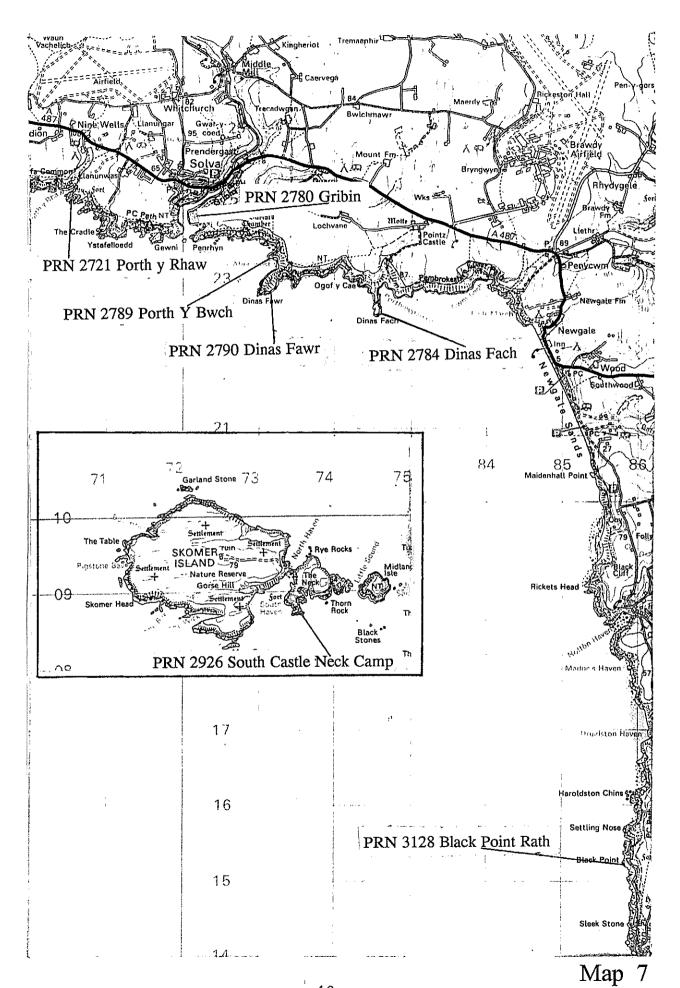


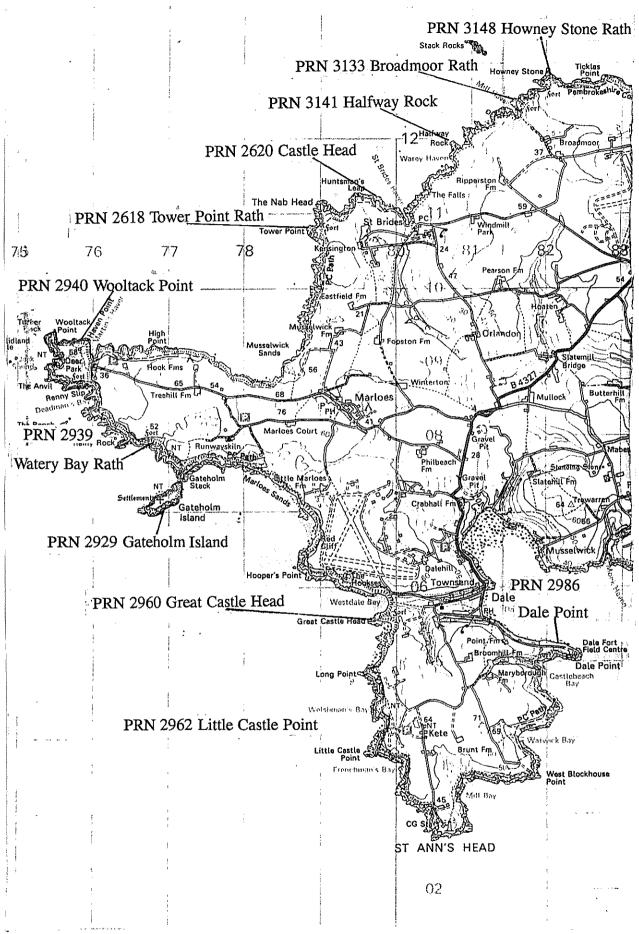




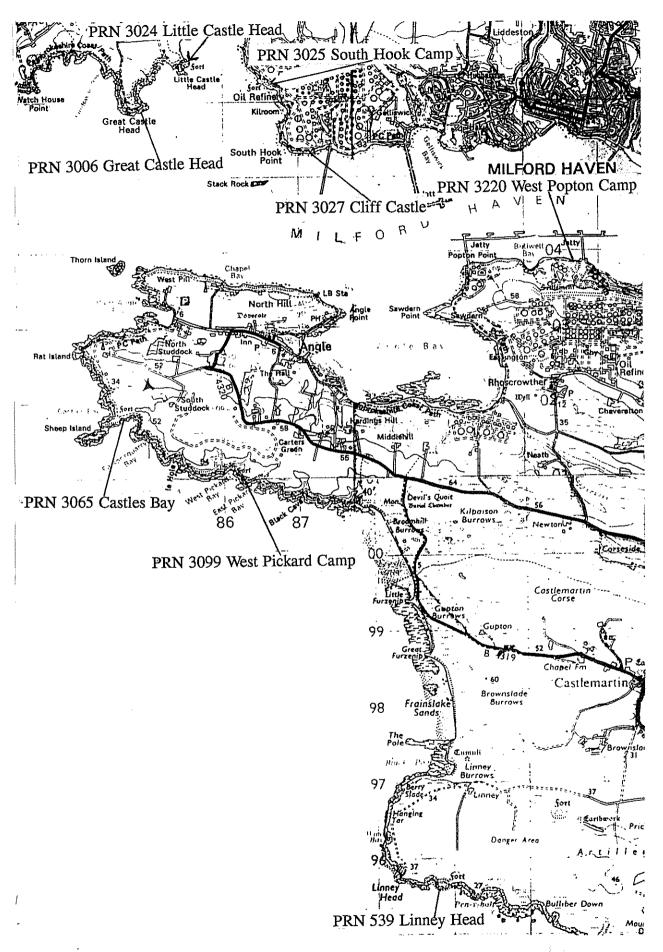


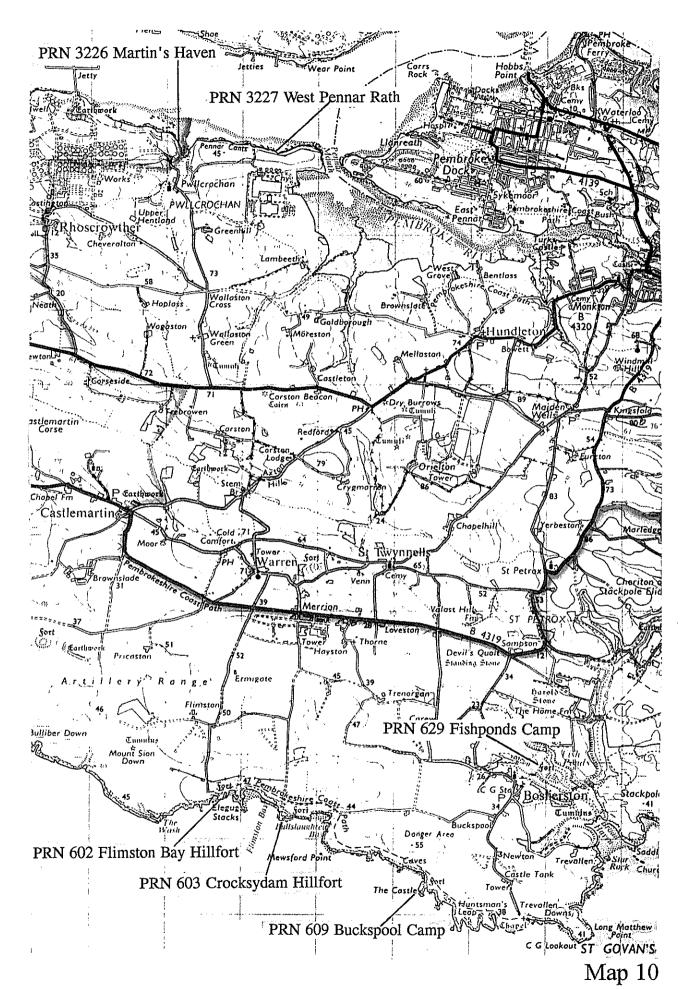
Map 6

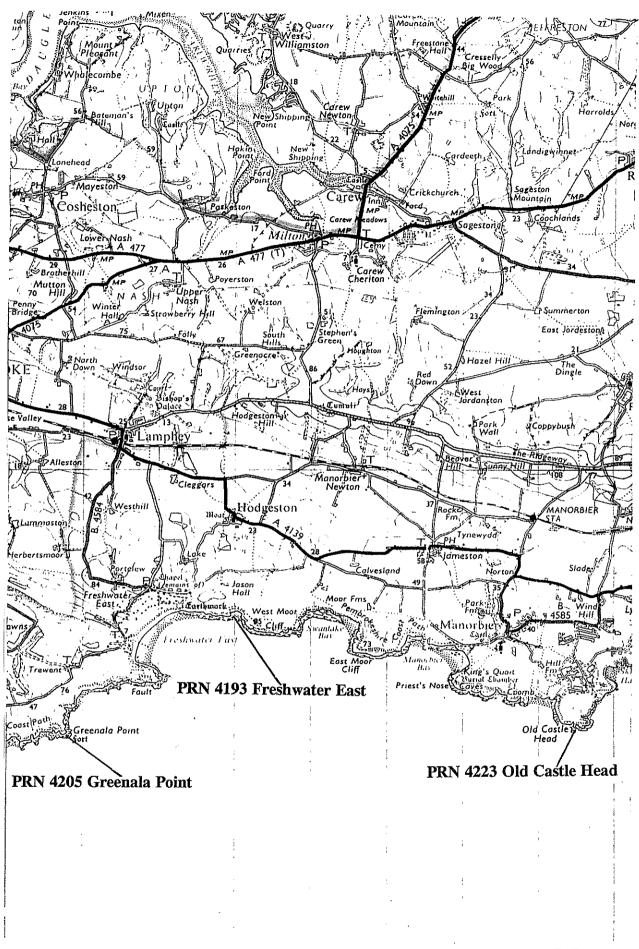


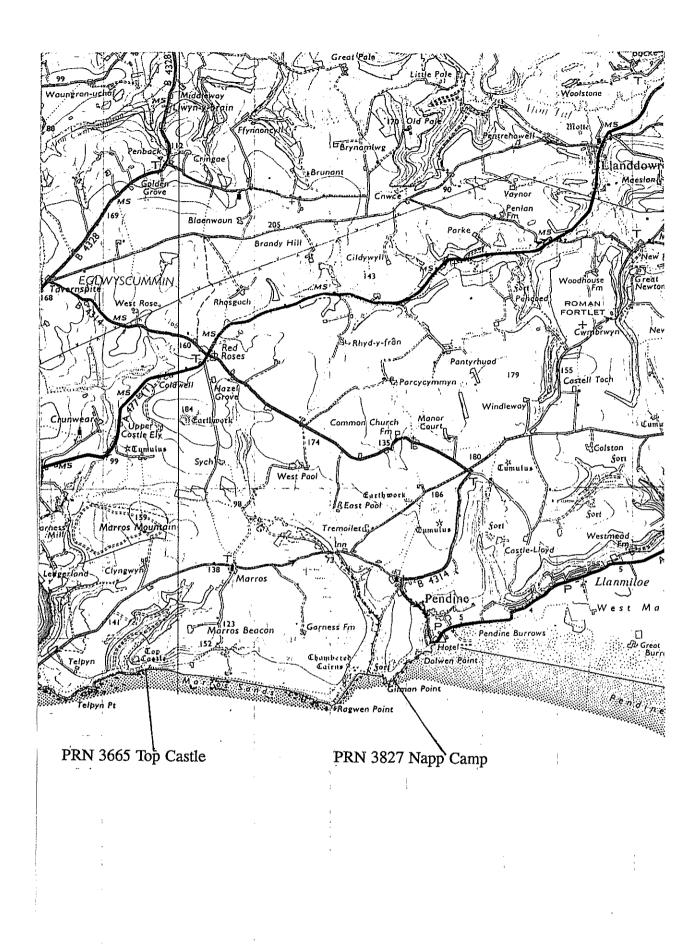


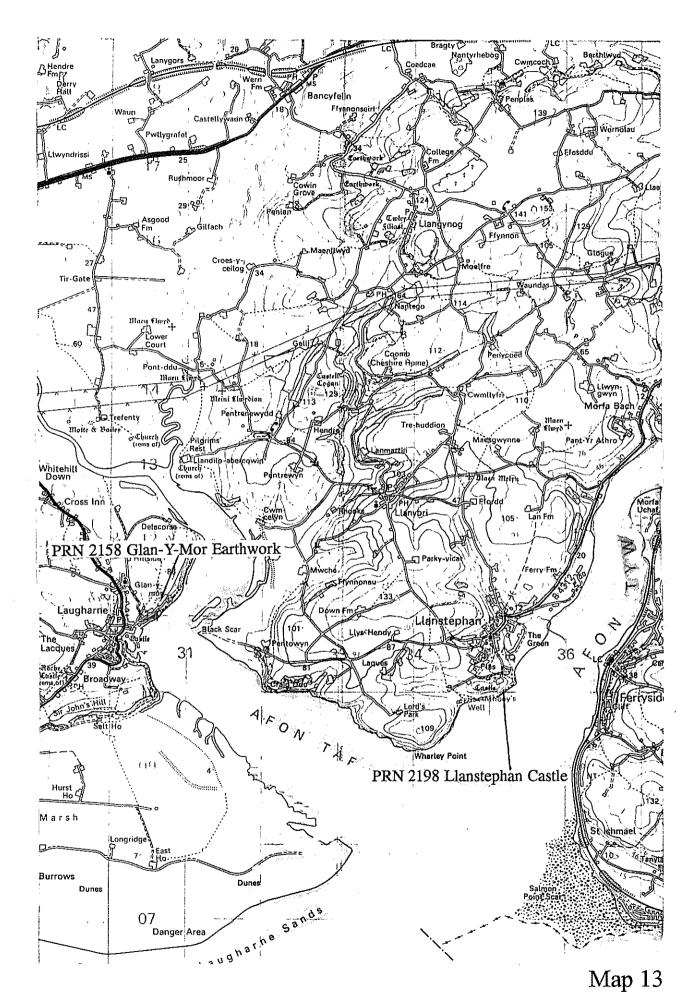
Map 8

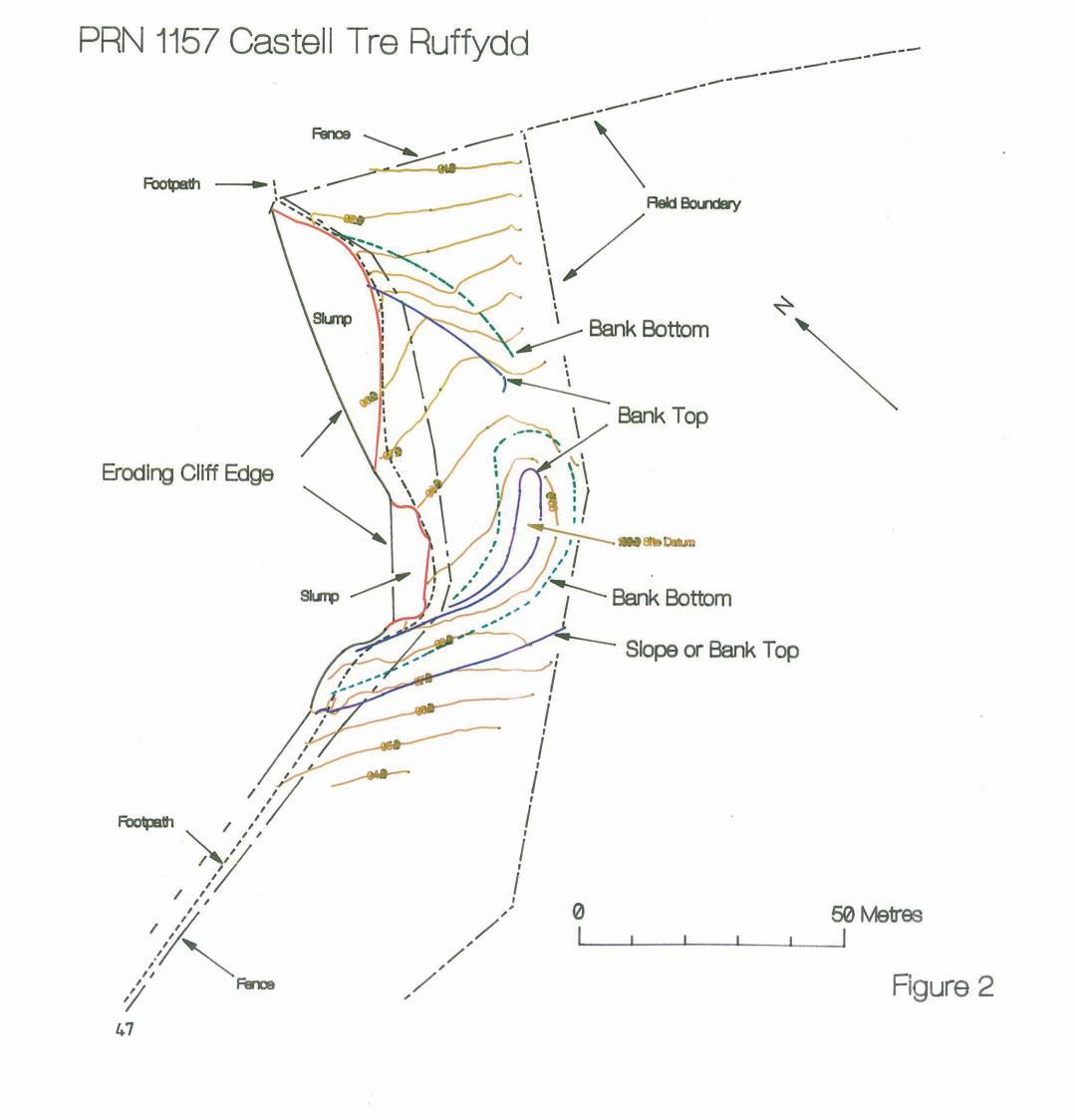


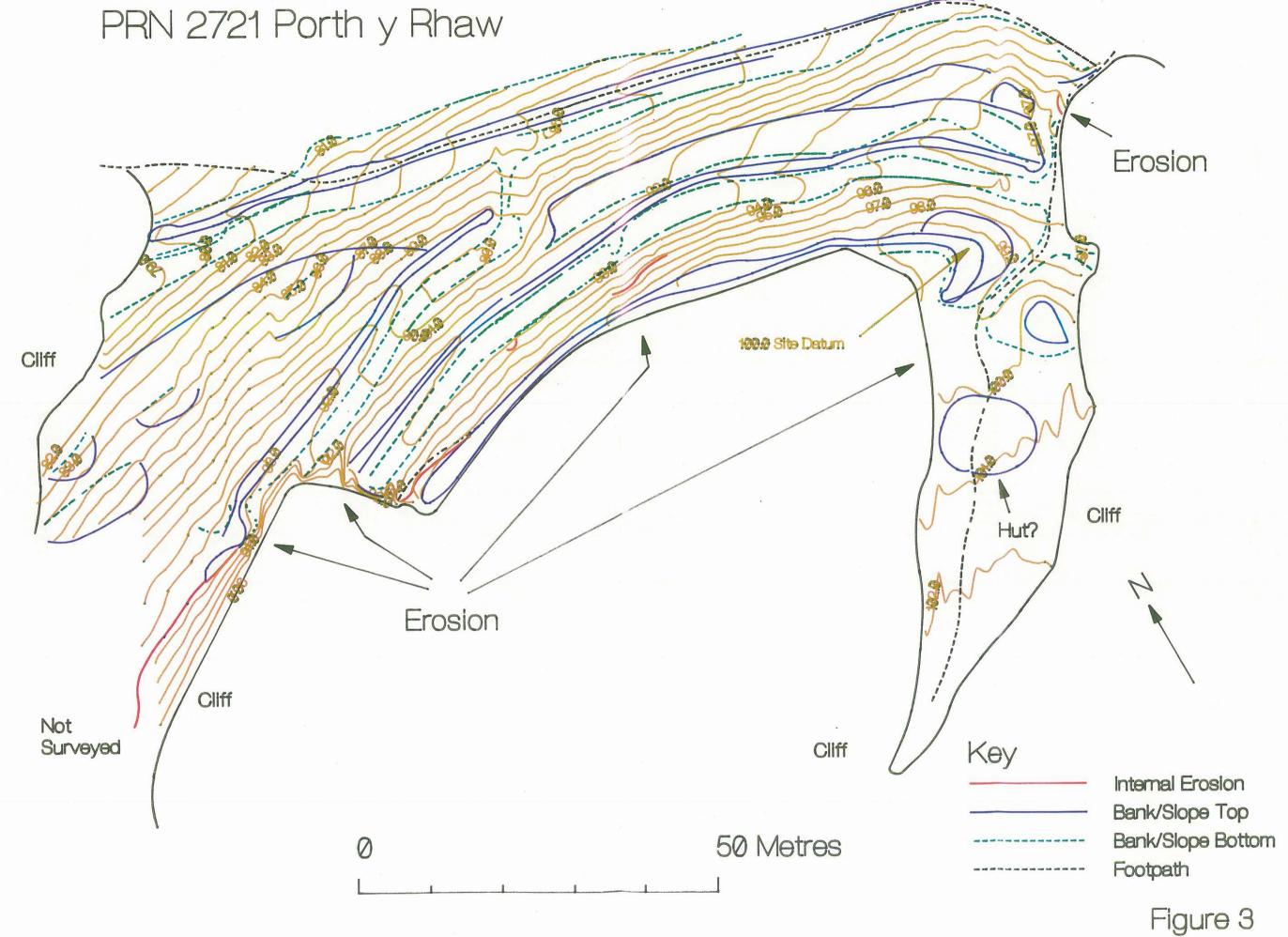












## PRN 2960 Great Castle Head

