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Client: Landmarc Support Services Ltd (for Defence Estates)

## Barry Buddon training camp; a baseline condition survey of archaeological sites

## Project summary sheet

<i>Client</i>	LANDMARC SUPPORT SERVICES LTD (FOR DEFENCE ESTATES)
<i>National Grid Reference</i>	NO 54 32 (SITE CENTRE)
<i>Address</i>	
<i>Parish</i>	MONIFIETH (ANGUS)
<i>Council</i>	ANGUS
<i>Planning Application No</i>	N/A
<i>NMRS No</i>	NO53SE 12, 37, 38, 40, 41 NO53SW 21, 22, 55, 56, 74, 79, 82-92, 95
<i>SMR No</i>	NO53SW0021, 22, 55, 63-66
<i>HB/SAM No</i>	HB 50983
<i>Listing Category</i>	B
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<i>Fieldwork</i>	MAGNAR DALLAND LAURA SCOTT
<i>Specialists</i>	N/A
<i>Schedule</i>	28TH FEBRUARY TO 20TH MARCH 2008
<i>Fieldwork</i>	MARCH 2008
<i>Report</i>	MAY 2008

Signed off by:.....

Date:.....

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# Barry Buddon training camp: a baseline condition survey of archaeological sites

By Magnar Dalland and Laura Scott

Headland Archaeology Ltd was commissioned by Landmarc Support Services Ltd on behalf of Defence Estates to undertake a baseline condition survey of all recorded archaeological and historical sites and monuments at Barry Buddon training camp, Angus, Scotland.

The training camp lies in an area comprising rare and important sand dune systems, designated as a SSSI. Map evidence suggests that the land was not permanently settled until the late 18th century, and it was taken over by the army some 100 years later. A total of 46 sites were recorded. Some 24% of these are related to the early civilian settlement, with the remaining 76% consisting of military sites dating from the mid 19th century to the mid 20th century.

Most of the military sites are shooting ranges, some of which are still in use. There are also several trench systems dating back to WW I used for trench warfare training. Some of these were re-used during WW II.

The coastal dune landscape implies threats to the sites from coastal and wind erosion. These threats have to some degree been addressed and most sites were in a surprisingly stable condition, considering the highly dynamic environment. Only four sites seem to be in need of urgent attention, a collapsing listed lighthouse keeper's building at Buddon Ness and three Allan Williams Turrets from WW II.

## 1 INTRODUCTION

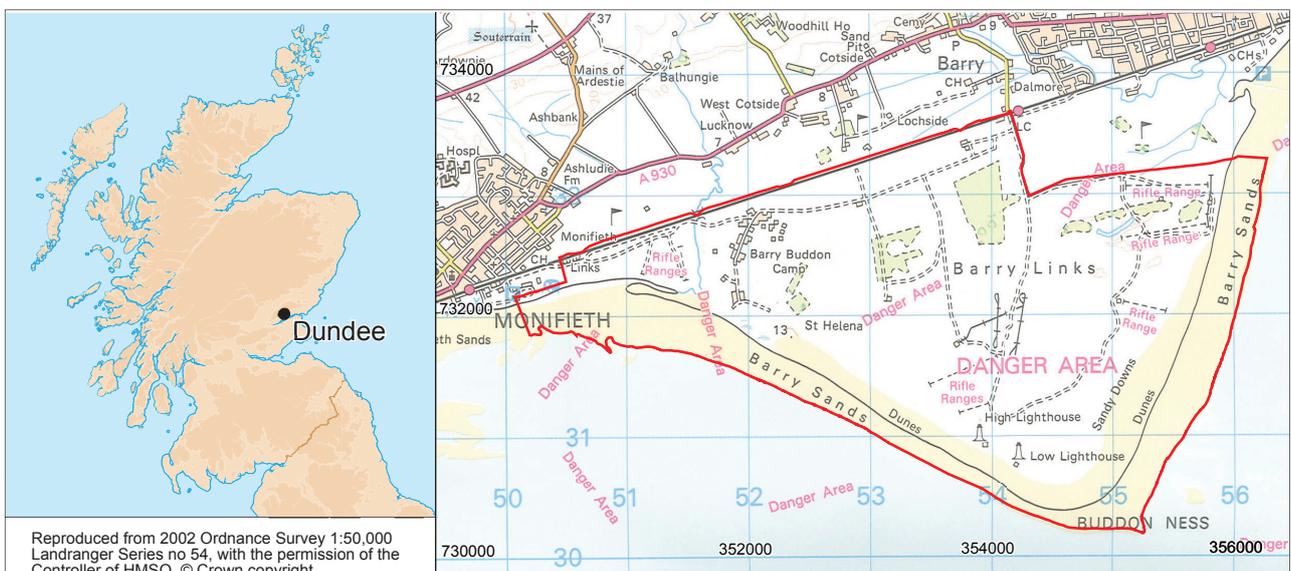
1.1 Headland Archaeology Ltd (HA) was commissioned by Landmarc Support Services Ltd on behalf of Defence Estates to undertake a baseline condition survey of all recorded archaeological and historical sites and monuments on the Barry Buddon training camp (BBT), Angus, Scotland. The work will form the basic data for the management and monitoring of the archaeological resource at BBT.

1.2 The fieldwork took place during several separate visits in February and March 2008. The work was carried out in accordance with the HA project design based on the Defence Estates' Statement of Requirement (SOR)

## 2 LOCATION, TOPOGRAPHY AND GEOLOGY

2.1 Barry Buddon Training Estate is situated on a triangular foreland situated between Monifieth and Carnoustie some 14km east of Dundee (Illus 1). It is located on the north side of the Tay estuary. The estate covers 930 hectares and comprises one of the largest and most important sand dune systems surviving in a near-natural condition in the UK. The area is therefore designated as a Site of Special Scientific Interest (SSSI).

2.2 The sand dunes form a series of ridges generally on a NNE to SSW alignment. Most of these dunes are stable and covered in vegetation. The active dunes are situated along the southwest shore of the foreland.



Illus 1: Barry Buddon Training Area - Location Plan

2.3 The underlying bedrock is Devonian Old Red Sandstone, overlaid by marine clay and sands. As the area largely is made up of sands, it is affected by coastal erosion and deposition. Situated on the Tay estuary it is subjected to a complex pattern of coastal and tidal currents that constantly reshape the outline of the foreland.

### 3 ARCHAEOLOGICAL AND HISTORICAL BACKGROUND

3.1 According to historical maps the area remained unoccupied up until the 18<sup>th</sup> century. The likely reason for this is that bare sand once covered a much larger part of Barry Buddon than today. There are reports from the 17<sup>th</sup> century that fields above Carnoustie were taken out of cultivation for more than 50 years due to deposits of windblown sand. This is supported by observation made during fieldwork where a buried ground surface was exposed under some 0.4 m of sand in an area 150 m to the north-east of the camp.

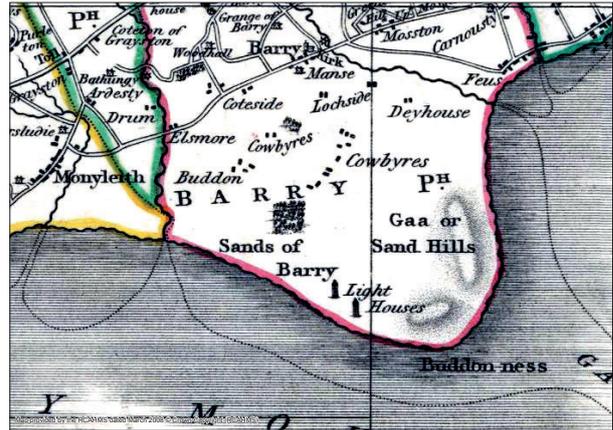
3.2 Roy's map from the middle of the 18<sup>th</sup> century depicts the area in relatively good detail (Illus 2). The map shows cultivated fields and farms in a triangular area between the Barry Burn and the road towards Arbroath at the northeastern corner of the area. The steadings at the south edge of the settlement named Cowbyres and Deyhouse, now both lie within the northeastern part of the camp.



Illus 2: Roy's map 1747-55

3.3 By the time of Ainslie's map of 1794, farmland has expanded to the west with the addition of a third farm labelled Buddon (Illus 3). Two rectangular plantations are also shown on the map to south and north of the three farms. A second lighthouse has been built to the north-west of the previous one

at Buddon Ness.



Illus 3: Ainslie 1794

3.4 The relatively recent nature of permanent settlement in the area is reflected in the archaeological records which indicate that there are no prehistoric or medieval structures within the estate. The only prehistoric find is a logboat that was discovered around 1820 while digging a drain across the area. It was found in a layer of buried peat at a point over a mile from the present shoreline.

3.5 The start of the current military presence in the area dates back to the mid 19<sup>th</sup> century when the land was used by Forfarshire Rifle Volunteers and the Panmure Battery of the Forfarshire Artillery Brigade. A naval gunnery training school was built just to the south of the modern camp in the 1860s.

3.6 The land was bought in 1885 by the War Department. The farmers and crofters were allowed to stay on until the end of their rent period. When the civilian occupation had ended, two army camps were created in the area, the Barry Camp to the east and Buddon Camp to the west.

3.7 The camps were heavily used during the First World War when large trench complexes were excavated and used for training purposes. During the Second World War further defensive elements were added.

3.8 The Barry camp had closed down by the late 1970s. When the remaining Buddon Camp was rebuilt in the in the 1990s it was renamed Barry Buddon Camp.

#### Previous work

3.9 In 2005 The Royal Commission on the Ancient and Historical Monuments of Scotland (RCAHMS) carried out a photographic and measured-drawing survey of the 19<sup>th</sup> century gunnery training room and early 20<sup>th</sup> century gun-emplacements at the camp.

3.10 In February 2006 an archaeological impact

assessment was carried out of a 3.75 hectare area at the north boundary of the camp to be used for an off-road drive course. The report was prepared by Phil Abramson, EST Historic Environment Advisor.

**3.11** An archaeological survey and assessment of the major military trench systems were carried out by Oxford Archaeology in 2006.

## 4 AIMS AND OBJECTIVES

The work was designed to:

- Describe the current condition of all archaeological sites as per DE standard pro forma
- Ground-truth existing records (particularly location information) of archaeological sites
- Check for hitherto unrecorded sites and add these to the record
- Make management suggestions where appropriate
- Summarise and report findings as specified in the SOR

## 5 METHODOLOGY

### Data-gathering

**5.1** The first stage of work was to gather data from the DE HER on known sites, also consulting with RCAHMS, Historic Scotland and the Angus SMR. The mapping and HER/NMRS/SMR data were combined using ArcView GIS, with the database element designed to ensure that elements needed for the Excel summary spreadsheet could be readily extracted.

**5.2** Standard desk-based assessment procedures were followed, checking on documentary and historic map evidence in the National Library of Scotland, and examining aerial photographs in the collection of RCAHMS.

**5.3** Due to the relatively recent nature of permanent settlement in the area the majority of the sites recorded in the NMRS and SMR were related to the military activity during the 20<sup>th</sup> century. Some of the sites recorded were firing ranges still in use as well as the camp itself. A decision about a suitable cut-off date for these sites had to be made. Normally the end of WW2 would be taken, but there was some difficulty in establishing the date of some installations.

Therefore the decision was made to include all sites recorded in the NMRS and SMR regardless of date, but only to include new sites which could clearly be dated to WW2 or earlier.

### Field survey

**5.4** Prior to each day's fieldwork the team called in at Range Control to be briefed about which areas were safe to visit.

**5.5** The size of the estate (930 hectares) meant that it was not possible to do a systematic walkover of the land. The survey therefore focused on the known sites, but a number of previously unrecorded sites were discovered on the way to and from the known site locations.

**5.6** Once located on the ground, the position of each site was recorded using a handheld GPS. The GPS indicated an accuracy down to  $\pm 2$  m in the open landscape. However, in areas covered in trees the accuracy was reduced to  $\pm 8$  m. The outline of larger structures and linear features were recorded by multiple GPS points.

**5.7** A DE pro-forma condition record sheet was completed by hand for each site or small complex of associated sites. Digital colour photographs were taken of each site, and the location and direction from which each photograph was taken was recorded using the GPS.

**5.8** The sites were grouped according to association and date. In some instances the NMRS and SMR grouping was retained, in other instances it was more convenient to split the sites up in separate units.

**5.9** The GPS data were downloaded and transferred into CAD to check the data. Generally the accuracy stated by the GPS seems to be a conservative estimate. However in some cases where the error clearly caused a deformed outline of a regular structure, these were corrected using measured sketches.

## 6 ANALYSIS AND DISCUSSION

**6.1** The desk-based assessment produced a list of 60 sites. Of these eight were excluded before the survey. Four of these were duplication numbers from the NMRS and SMR, the remaining four comprised two find spots and two shipwreck sites.

**6.2** Seven new sites not previously recorded in the SMR or NMRS were discovered during the survey including areas of rig and furrow, military WW II installations such as bunkers, pillboxes and Allan Williams turrets. These took the total number of

sites back up to 59. Of these a further 13 sites were searched for in the field but not found. The majority of these were 1<sup>st</sup> edition buildings representing the late 18<sup>th</sup> and 19<sup>th</sup> century civilian settlement. These civilian buildings and enclosures are referred to as 'pendicles' in the NMRS (NMRS NO53SW 67). Most of the structures on the 1<sup>st</sup> edition map (surveyed in 1858) had disappeared by the second OS survey in 1904 reflecting the military takeover. It was not possible to get access to three of the sites; one was located in the sea, the other was located within a locked compound and the third was situated within a field with highland cattle.

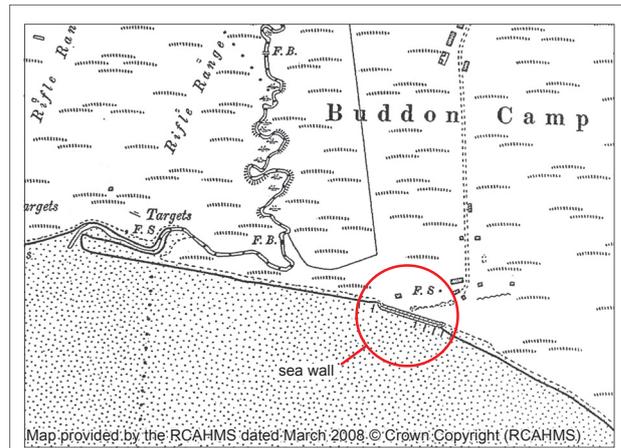
6.3 Of the remaining 46 sites, 35 were related to the military presence in the area over the last 150 years. Most of the remaining non-military sites are related to the civilian settlement in the area between the late 18<sup>th</sup> and 19<sup>th</sup> centuries.

## Damage

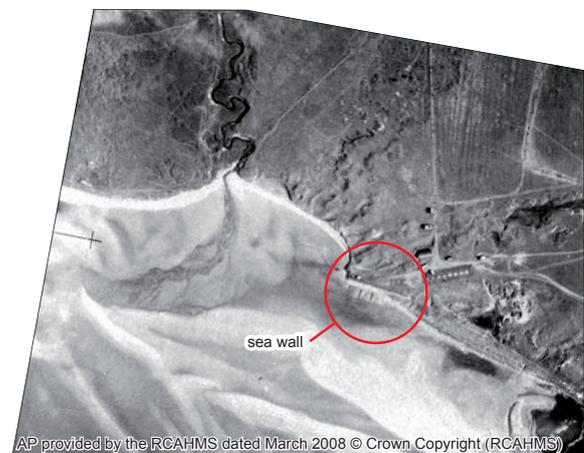
6.4 The dune landscape presents inherent problems regarding the preservation of archaeological sites. Sand dunes are a highly dynamic environment, with blowouts and shifting dunes which can reveal previously unknown sites as well as conceal previously recorded sites. The covering of built structures by sand could be beneficial, as it would protect the structures from factors (such) as sea spray, rain and frost that accelerate decay processes. Blowouts on the other hand could undermine built structures and cause collapse.

6.5 In the same way, coastal erosion and deposition could expose and bury sites. The rapid change of the coastline is well documented from maps and aerial photographs. The areas most affected by these coastal processes is a 2 km stretch to the east centred on the outflow of Buddon Burn, and 3 km long stretch northwards from Buddon Ness along the eastern side.

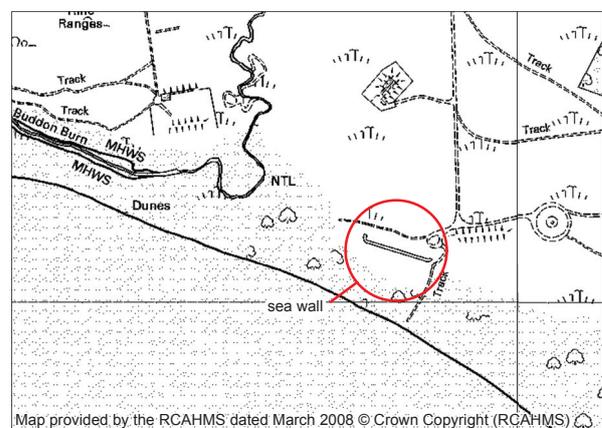
6.6 On the west side of Buddon Burn there has been a net loss of some 12 ha since the 1<sup>st</sup> edition survey in 1858. Most of this loss occurred over the last 100 years destroying the target areas of several early firing ranges in this area. Erosion also occurred on the east side of the burn, with the shoreline receding some 50 m during the second half of the 19<sup>th</sup> century. Presumably to protect the gun battery near the shore at this point, a sea wall was constructed around the turn of the century (Illus 4). On aerial photographs from 1941 the effect of the wall can be clearly seen, as a bay has formed in the unprotected area to the west between the wall and the burn outlet. During the last 60 years the coastal processes have changed from erosion to deposition and today the sea wall lies over 100 m inshore.



1903 OS 2nd edition



1941 RAF aerial photo



Current map

**Illus 4: Changes in the coastline near Buddon Burn over the last 100 years**

6.7 On the east-facing side of the area there has been net loss of some 50 ha of land to sea erosion with the shoreline receding up to 300 m near Buddon Ness. The map evidence indicates that most of this loss has occurred over the last 100 years. To protect the Carnoustie golf course and the target areas of the shooting ranges at the northeast part of the camp, a 2.5 km long sea wall has been built southwards along the shore from the outflow of Barry Burn.

6.8 While the construction of the sea wall means protection of vulnerable sites on the east side of the camp it has also had some detrimental impact on the sites along the shore. Two coastal WW2 pillboxes (Sites 31 and 32) that are depicted on 1946 APs were no longer visible on the ground. Although they could be totally buried in windblown sand, it is more likely that they were on the line of the sea defences and were destroyed during its construction. A pile of concrete rubble seen at the back of the sea defences may be the remains of one of the pillboxes (Illus 5).



**Illus 5: Concrete rubble. Possible remains of pillbox**

6.9 Sandy soil is often an environment that attracts burrowing animals especially rabbits. Extensive rabbit burrows can do serious damage to archaeological earthworks. Once the sandy soil has been exposed, wind erosion could do further damage to the site. Although there were numerous signs of rabbit burrowing on a number of sites in the area, most of these were shallow scrapes and there was no major damage from large burrow complexes. A reason for this could be that there are foxes in the area that keep the rabbit population under control.

6.10 To maintain a balanced habitat and halt the spread of gorse in the area highland cattle had been introduced to some areas of the camp. Although beneficial for the habitat, there was some evidence of damage caused by cattle trampling mainly in areas where the animals had gathered (Illus 6).

6.11 Tree damage was mainly restricted to monuments in the northeast part of the site. The tree roots will cause gradual structural damage to features and



**Illus 6: Erosion on WWI training trenches (HA site 28) caused by cattle**

in the case of tree throws the damage can be severe. Aerial photographs indicate that the tree and shrub cover has increased significantly over the last 60 years. The trees are therefore fairly young; the only mature trees were seen at Cowbyres (the late 18<sup>th</sup> century farmstead), where tall trees were growing along old hedgerows. Although there is relatively limited damage caused by trees at the moment, the potential for future damage will increase as the trees become taller and more mature. Trees and especially gorse also conceal part of the monuments making it difficult to record their form, extent and condition.

6.12 The problem caused by the increased tree and gorse cover is being addressed at the moment, with the introduction of highland cattle combined with a program of clearing gorse and trees.

6.13 Only a few sites had been damaged by recent military activity. There was some damage resulting from a vehicle that had driven along a trench at Site 03 (Illus 7). At Cowbyres (Site 25) a rectangular area



**Illus 7: Vehicle tracks running along WWI training trench (HA site 03)**

had been excavated into the end room and part of the wall at the west end of the remains of the old farm building (Illus 8). It had later been backfilled, but sand from the excavation was still visible next



**Illus 8: Infilled trench cut into the remains of the 18th century farmhouse at Cowbyres (HA site 25)**

to the trench. An animal burrow had been dug into the edge of the cutting. A couple of similar backfilled rectangular trenches were seen in the vicinity of the building. The circular hard standing of the old parachute balloon inflation position (Site 11) is currently used as a site for burning rubbish. The heat from the fire will accelerate the decay of the hard standing surface.

**6.14** The camp area had an extensive network of tracks. In addition to the main roads that were metalled, there was a series of smaller tracks cutting across the dunes. Some of these were just wheel tracks formed over time as vehicles travelled along the same route; others had been constructed by filling in hollows and ditches. Some of the trench systems had been damaged in the past by the construction of these smaller tracks.

**6.15** Most of the bunkers were affected by painted graffiti, especially on the interior but in two cases also on the outside (Sites 28 and 51) (Illus 9). Other cases of 'vandalism' included a burnt wooden door frame in the east target bunker on Site 42, and possible the removal of the door from an Allan Williams Turret (Site 29). The door was found lying on the ground some 300 m to the SSW of the turret (Illus 10).



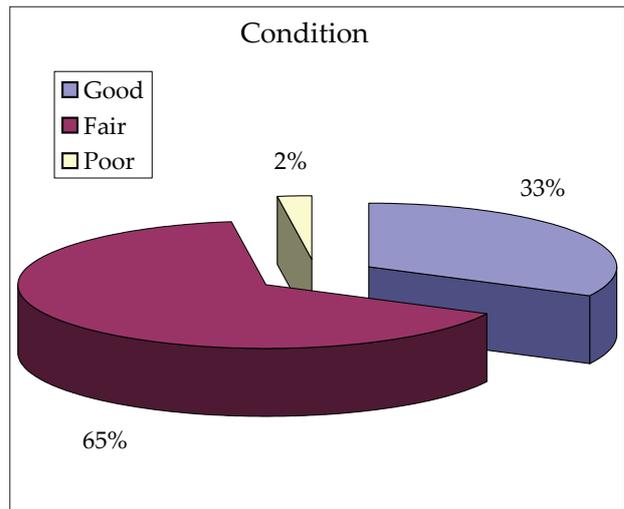
**Illus 9: External graffiti from the 1990s on pillbox (HA site 51)**



**Illus 10: Detached door from Allan Williams Turret (HA site 29)**

**Condition**

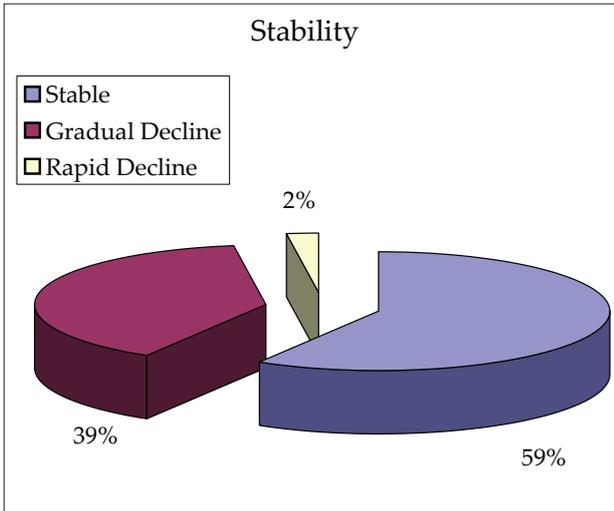
**6.16** The condition of each site was rated as one of three categories: 'Good', 'Fair' or 'Poor' based on the degree of survival of the existing remains. Of the 46 sites 15 (33%) were found to be in Good condition, 30 (65%) were Fair and only 1 site, the building remains at Site 57, was found to be in a Poor condition (Illus 11).



**Illus 11: Pie chart of condition of sites and monuments**

**Stability**

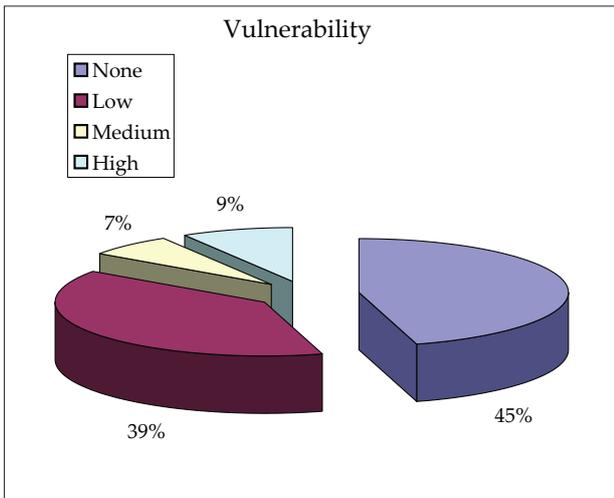
**6.17** The stability of each site was assessed based on visible signs of deterioration. Considering the nature of a number of sites, like the trenches dug into sand, the current stability of the sites were surprisingly good. Most evidence of degradation of the sites seems to have occurred in the past. The major threat of coastal erosion on the east side of the camp has been addressed, and the current activity in the camp has had little impact on most of the historical sites. A total of 27 sites (59%) were found to be Stable, 18 (39%) were in Gradual Decline and only one site (2%) appeared to be in a state of Rapid Decline (Illus 12).



Illus 12: Pie chart of stability of sites and monuments

### Vulnerability

6.18 Despite being situated in an area of relatively unstable ground, the majority of the sites appeared not to be very vulnerable. Of the 46 sites, 39 (84%) were deemed to have none or Low risk, 3 (7%) were recorded at Medium risk, and only 4 (9%) were at High risk (Illus 13).



Illus 13: Pie chart of vulnerability of sites and monuments

6.19 The sites at high risk were the Allan Williams Turrets (Sites 29, 37 and 48) and the former keeper’s cottage (Site 57) at the Low Lighthouse. The turrets appeared to originally have had some form of protective coating which is now largely weathered away leaving the iron exposed to the salt spray from the sea. As a result the metal is corroded through in places (Illus 14) and part of the structures has become detached. The door from the turret at Site 29 was found on the ground 300 m to the SSW, and the top plate of the turret at Site 37 was lying loose on the ground (Illus 15). Whether this is caused by vandalism or just high winds, the detachment is made easier by the general decay of the metal.



Illus 14: Corrosion on Allan Williams Turret (HA site 29)



Illus 15: Detached top segment of turret (HA site 37)

6.20 The keeper’s cottage has decayed badly and is now in a dangerous condition (Illus 16). To avoid accidents the ruins have been fenced off. The ruins are designated as a listed building which requires that consent must be obtained prior to making any repairs, and the nature of those repairs may be restricted in terms of materials used and final finish.

### Buildings and structural remains

6.21 With the exception of the keeper’s cottage, most of the buildings on the estate were well maintained. However, some of the surviving buildings from the old camp (Site 14) are in need of repair. The other main problem was graffiti on the walls of some



**Illus 16: Collapsed masonry at lighthouse keeper's cottage (HA site 57)**

bunkers and pillboxes that appeared to have been carried out by the local public.

## 7 CONCLUSIONS AND RECOMMENDATIONS

7.1 The estate is situated in an area of rare and important sand dune landscape, designated as a SSSI. Due to its nature and relatively recent formation, it appears only to have been settled in the 18<sup>th</sup> century, and as a result there are no known prehistoric monuments within the estate. The oldest settlement within the estate is probably less than 300 years old. As the army took over the area in the late 19<sup>th</sup> century the majority of the sites are related to army activities especially around the two world wars.

7.2 One of the most extensive sites is a group of WW I practice trenches (Site 28) located along the Barry Ridge at northeast part of the estate. It extends over a distance of over 1400 m and contains complex trench systems. Considering the nature of the structures, trenches dug into sand, they are in some places extremely well preserved. The preservation varies with some parts largely infilled in places, but overall the preservation is good. However, there were occasional signs of recent erosion, mainly from rabbit burrows and in one or two places from highland cattle. Aerial photographs indicate that large portions of the trench systems have been colonised by trees and gorse over the last 60 years, which in part obscure the extent of the monument but also cause decay and deformation of the trenches.

7.3 However, during the fieldwork we saw evidence that action has already been taken to address these issues. Trees had been cleared from the main part of the trench system during the last ten years, and there were teams working in the field clearing gorse and trimming back new shoots from the old tree stumps. The introduction of highland cattle will also help keep the colonisation of trees and gorse at bay.

## Management recommendations

7.4 The main problem in the area seems to be the general expansion of trees and gorse. This problem is already being addressed generally in the area. However the efforts should perhaps be more targeted towards the trench systems to clear these first to stop further damage. But, at the same time one has to find a way to encourage the highland cattle to locate their resting places in less sensitive areas away from the trenches.

7.5 The three Allan Williams Turrets are slowly corroding away in the salt-laden coastal climate. Some basic conservation work including a protective coating would, combined with a close monitoring of their condition, ensure that the turrets would survive for much longer.

7.6 The keeper's cottage is in urgent need of repair. At the moment it represents a danger to the public and has therefore been fenced off. As it is listed the remains of the building should be fully surveyed. This survey would serve as a record of the building before further decay or could form the basis for drawing up a conservation plan to make the building safe.

## SOURCES

- Abramson, P. & McCallum, S-L (2006) *Army Training Estate Barry Buddon. Off Road Driver Training Course: Archaeology and Historic Environment Assessment* (unpublished report for Defence Estates)
- Easton, D. & Oglethorpe M (2005) *Barry Buddon Training Area: 19<sup>th</sup> Century Gunnery Training Room and Early 20<sup>th</sup> Century Gun-emplacements* (unpublished report for Defence Estates)
- Oxford Archaeology (2006) *Trench Systems, Barry Buddon, Carnoustie, Angus. Archaeological Survey* (unpublished report for Defence Estates)
- McLeod, C. R. (2008) *Barry Buddon* (Unpublished study)

## APPENDIX 1 - Meta-data

<b>Element Name</b>	<b>Type</b>	<b>Element Description</b>
Title		Archaeological condition survey of Barry Buddon Military Training Ground
Creator	Fieldwork Officer	Magnar Dalland
	Data Processor	Linn Breslin
Subject and Keywords		Archaeology
		Condition
		Survey
		Barry Buddon
		Heritage Management
Description		GIS data from 2008 condition survey of Barry Buddon Military Training Ground, Angus. Data collected using Garmin GPS
Publisher		Headland Archaeology Ltd
Other Contributors	Project	Defence Estates
	Funding Agency	Landmarc Support Services Ltd
Date		April 2008
Resource Type		GIS Data
Format		ArcView shapefiles and layer files on CD
Resource Identifier	Archaeological Sites Linears Locations	Arch_sites_plns.lyr
	Archaeological Sites Linears Locations	Arch_sites_plns.shp
	Archaeological Sites Polygon (area) Locations	Arch_sites_plygns.lyr
	Archaeological Sites Polygon (area) Locations	Arch_sites_plygns.shp
	Archaeological Sites Point Locations	Arch_sites_pnts.lyr
	Archaeological Sites Point Locations	Arch_sites_pnts.shp
	Area of gorse obscuring archaeological sites	Gorse.lyr
	Area of gorse obscuring archaeological sites	Gorse.shp
	Photograph locations and directions	Photo_direction.lyr
	Photograph locations and directions	Photo_direction.shp
	Area of trees obscuring archaeological sites	Trees.lyr
	Area of trees obscuring archaeological sites	Trees.shp
Relation	Survey Report	Headland Archaeology Ltd
	Survey Forms	Headland Archaeology Ltd
	Photographs	Headland Archaeology Ltd
	Archaeological Survey	Headland Archaeology Ltd
Source	Field data	GIS data created from GPS survey points collected between 28/02/08 and 25/03/08
Coverage		Barry Buddon
		Angus
		Post Medieval - Modern
Accuracy	GPS Data	+/- 2m in relation to OS mapping
Language		English
Rights Management		Data copyright by Defence Estates under the Copyright, Designs and Patents Act 1988

APPENDIX 2: Condition records

Headland No.	Site Identification				Site Location				Management Measures		Condition				Stability/Change in condition from last survey					Comments	
	National Monument Record No.	SMR No.	SM or LB Ref No.	MOD DE-HMS ID no.	Name	Form of Monument Earthwork (ie Findspot Upstanding Ruin Levelled (ie cropmark or demolished) Built over Historic Building)	MOD Site/Property name	County or Unitary Authority	OS Grid Ref (NO)	Signed, Fenced, Agricultural penning, Pallisade, Temporary repair, Burrowing animal control, None, Other+description	Good	Fair	Poor	Unknown	Improving	Stable	Gradual Decline	Rapid Decline	Unknown	Date of survey	Description
1	NMRS NO53SW 95				MONIFEITH, MONIFEITH LINKS	ANTI GLIDER POSTS	Angus	350700 731930													Not visited
2	NMRS NO53SW 79	NO53SW0063			BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA.	TRACK, TRENCHES	Angus	350724 732532	None		√				√					29/02/2008	The site comprised 3 banks of differing heights within the sand dunes. The paths between the banks were generally 0.60 – 4.90 m wide. All features were in good condition and moderately preserved.
3		NO53SW0064			MONIFEITH, MONIFEITH LINKS	TRENCHES	Angus	351093 732645	None		√					√				29/02/2008	Remains of four large regular trenches; recorded during walkover survey by Headland Archaeology in 1999 ahead of proposed pipeline. The trenches occur on both sides of the westwards camp road and are aligned with it. The trenches are c.1.5m deep and 9m w
4	NMRS NO53SW 83				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA, RIFLE RANGES	FIRING RANGE	Angus	350966 732448	None		√					√				29/02/2008	The only feature that remains in the area is a cairn built as a base for a signalling post, at the northern end of the shooting range. The other remains have been eroded by the sea.
5	NMRS NO53SW 83				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA, RIFLE RANGES	FIRING RANGE	Angus	351154 732405	None		√					√				29/02/2008	Part of the original firing range has been eroded by the sea. Some cracks were apparent in the brick work on the structure at the southern end of the range. The range still appears to be in use. The eastern range is currently in the process of being extended to 400 m. Wire mesh (chicken wire) was in place on the south side of the mound in the eastern range and appeared to be acting as a measure to stabilize the mound. It seemed to be effective in the control against burrowing.
6	NMRS NO53SW 83				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA, RIFLE RANGES	FIRING RANGE	Angus	351442 732494	None	√					√					29/02/2008	The range is currently in the process of being extended to 400 m. Rabbit burrows were present in the area. However, wire mesh (chicken wire) was in place on the south side of the mound at the south end of the range and appeared to be acting as a measure to stabilize the mound. It seemed to be effective in the control against burrowing.
7	NMRS NO53SW 89				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	MAGAZINE	Angus	351797 732345	Fenced				√					√		29/02/2008	The site was fenced off and not visited. However it appears that the magazine referred to in the NMRS has been removed and replaced by a modern magazine.
8	NMRS NO53SW 84				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	GUN BATTERY	Angus	351906 732106	None		√					√				29/02/2008	The emplacements are in varied states of preservation due to weathering. There is fire damage, where a bonfire has been held, on the emplacements in the middle of the road. The concrete is cracked and deteriorating, especially around the locking nut on the 2nd and 5th holdfasts from the eastern end on the ridge.
9	NMRS NO53SW 84				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	BATTERY BUILDING	Angus	351781 732106	None		√					√				29/02/2008	The concrete roof of the magazine is cracked and the wooden door frame is beginning to rot. There is some graffiti inside the building. There is also damage to an air vent on the west facing wall. The iron bars across the ceiling are beginning to corrode.
10	NMRS NO53SW 84				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	SEA WALL	Angus	351807 732088	None		√					√				29/02/2008	There is some evidence of weathering on the structure and consequent cracking of the concrete skin. It is slightly undermined in places due to rabbit burrowing. Otherwise the structure remains as described in the NMRS.
11	NMRS NO53SW 84				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	PARACHUTE BALLOON INFLATION POSITION	Angus	352055 732126	None		√					√				29/02/2008	The area is currently being used for burning rubbish.
12	NMRS NO53SW 84		HB 50983		BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA GYM	GYMNASIUM	Angus	351904 732496	Fenced	√					√					30/03/2008	The building is still in use
13	NMRS NO53SW 56				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	GARAGE, HUT, NISSEN HUT	Angus	351878 732541	None	√						√				20/03/2008	The buildings are still in use and are in a good state of preservation
14	NMRS NO53SW 56				BARRY LINKS, BUDDON CAMP, MILITARY TRAINING AREA	MILITARY CAMP	Angus	352100 732700	Partially fenced		√					√				20/03/2008	The window frames appear to be rotting. Some of the reinforced glass on the window of the NW hut is broken. The corrugated iron on the outside of the structure is corroded in places. The roofing felt is also ripped in some places. The shed (opposite HA site 45) is in poor condition. The frame is rotting in places, the haring on the north wall is cracked and beginning to fall off, revealing the underlying brick. The concrete path to the east of the shed is undermined, possibly due to the installation of a power cable to the building. The corrugated roof is beginning to rot.
15					BARRY LINKS, BUDDON CAMP, MILITARY TRAINING AREA	OS 1ST EDITION BUILDING	Angus	351980 732803	Partially fenced	√						√				20/03/2008	The buildings appear to be well maintained and in good condition. (The building is in use as a Cadet training team HQ detachment). The original windows have been replaced with double glazed ones and the walls have been white washed.
16					BARRY LINKS, BUDDON CAMP, MILITARY TRAINING AREA	OS 1ST EDITION BUILDINGS	Angus	352356 732872	None			√						√		30/02/2008	No remains were encountered.
17		NO53SW0065			BARRY LINKS, BUDDON CAMP, MILITARY TRAINING AREA	RIG AND FURROW	Angus	352434 732945	None		√				√					20/03/2008	Not seen in the field. However 2 ridges were observed in the field, running E-W, which may have been previously recorded as rig and furrow cultivation.
18	NMRS NO53SW 92				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	TRENCH	Angus	352520 733050	None			√						√		20/03/2008	No remains of the trench were found.
19					BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	OS 1ST EDITION BUILDINGS	Angus	352870 733191	None			√						√		30/03/2008	No remains were encountered.
20					BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	OS 1ST EDITION BUILDINGS	Angus	352881 732781	None			√						√		30/03/2008	No remains were encountered.
21					BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	OS 1ST EDITION BUILDINGS	Angus	353304 732849	None			√						√		30/03/2008	No remains were encountered.
22					BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	OS 1ST EDITION BUILDINGS	Angus	353410 732932	None		√					√				20/03/2008	All that remains is a series of earth banks. Rectangular in plan and up to 0.35 m high. A narrow footpath runs through the centre of the feature.
23					BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	OS 1ST EDITION BUILDINGS	Angus	353557 733354	None			√						√		30/03/2008	No building remains were encountered.
24	NMRS NO53SW 90				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	TRENCHES	Angus	353650 732950	None		√					√				20/03/2008	Reeds, silver birch and gorse are growing in the trenches in some areas. Erosion is visible on the banks due to rabbit burrowing and possibly overgrazing. Corrugated iron and barbed wire have been dumped in parts of the trenches. The trenches were waterlogged in places. Preservation of the trenches was mixed. There was a high concentration of scrub, especially gorse, within the trenches. There were also high levels of ground water saturation within many of the trenches.
25					BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	OS 1ST EDITION BUILDINGS	Angus	353611 732607	None		√					√				17/03/2008	The west room of the structure appears to have been recently excavated and backfilled. The turf has been broken and leaves the structure exposed to further damage.
26					BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	RIG AND FURROW	Angus	354113 732775	Fenced	√					√					30/03/2008	The rig and furrow systems comprise narrow and shallow ditches. Some are still visible on the ground although they are hard to detect in tall grass.
27	NMRS NO53SW 82	NO53SW0066			BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	EARTHWORKS	Angus	354235 733005	None		√				√					11/03/2008	The site remains as described by Headland (1999). 3 mature pine trees and 3 smaller trees are located in the centre of the feature. Scrub, especially gorse, in the surrounding area had recently been cleared.
28	NMRS NO53SW 91				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	BUNKER, TRENCHES	Angus	354310 732590	None		√					√				30/03/2008	Gorse was encroaching on some of the trenches. There were also eroded patches within the trenches due to the presence of livestock in the area. Parts of trenching were eroded as paths ran through them in at least 2 areas. The corrugated iron bunkers were corroded in some areas. Remains of the possible base of a cupola (Alan Williams turret) was observed at the W. end of the trenches. It was fairly well preserved but there was evidence of rabbit burrowing on the western bank. The preservation of trenches was generally good. At the far western end of the trench system the trenches are much more exposed to the elements and this is more noticeable in the changing levels of preservation and condition. Scrub and trees have recently been cleared from the area and have not been allowed to re grow. In the eastern half of the complex there are some areas where cattle have gathered causing erosion that have exposed the underlying sand.
29					BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	ALLAN WILLIAMS TURRET	Angus	354793 732857	None		√					√				17/03/2008	The iron is fairly badly corroded. The front panel is missing and the sides are also corroded. The inside of the structure is filled with water. The 'turret' on top of the structure is missing, as is the door. The front panel of the cupola was found in one of the trenches to the west.
30	NMRS NO53SE 37				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	FIRING RANGE	Angus	355468 733036	None		√				√					04/03/2008	The rifle range originally extended to 1700yds. The wooden post distance markers are still present as is an earthen bank c. 1500yds from the w end. Work was being undertaken on the eastern bank of the rifle range, probably to heighten it. The range seemed to be in a good state of repair and was still in use.
31	NMRS NO53SE 12				CARNOUSTIE, BARRY SANDS	PILLBOX	Angus	355950 733250	None			√						√		04/03/2008	None of the site is visible. Made ground, acting as a sea defence runs NE – SW along the sea. It is possible that the pill box was either destroyed or covered during this time. Although no traces were visible, several lumps of concrete (possibly from the feature) were observed in the area.
32	NMRS NO53SE 12				CARNOUSTIE, BARRY SANDS	PILLBOX	Angus	355880 732970	None			√						√		03/03/2008	No longer visible. It is possible that this may have been demolished when the sea defences were built.
33	NMRS NO53SE 37				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	FIRING RANGE	Angus	355505 732715	None		√				√					04/03/2008	The rifle range consists of 12 lanes and is 600 m long. The pistol range (SMG/ pistol south) has 6 lanes with a bank at the western end. It is 75 m long and has markers every 25 m. Both are still in use.
34	NMRS NO53SE 40				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	TRENCH	Angus	355792 732619	A sea wall has been put in place.	√					√					04/03/2008	Occasional rabbit burrows were visible in the trench walls. The features identified were in a good state of preservation. A considerable degree of coastal erosion has taken place, and the morphology of the coastline has changed dramatically since 1947. The sea wall, which appears to have been constructed within the past 50 years, should help to protect the trenches against further erosion from the sea.

Headland No.	Site Identification					Site Location				Management Measures	Condition				Stability/Change in condition from last survey					Comments		
	National Monument Record No.	SMR No.	SM or LB Ref No.	MOD DE-HMS ID no.	Name	Form of Monument Earthwork Findspot Upstanding Ruin Levelled (ie cropmark or demolished) Built over Historic Building	MOD Site/Property name	County or Unitary Authority	OS Grid Ref (NO)	Signed, Fenced, Agricultural penning, Palisade, Temporary repair, Burrowing animal control, None, Other+description	Good	Fair	Poor	Unknown	Improving	Stable	Gradual Decline	Rapid Decline	Unknown		Date of survey	Description
35	NMRS NO53SE 41				BARRY BUDDON MILITARY TRAINING AREA	TRENCH		Angus	355696 732564	None		√								04/03/2008	A single gorse bush is located in the trench but does not appear to have caused any visible damage. Two small saplings are also present in the trench. Erosion has occurred in the area since 1947. However, the trenches appear to be almost intact. There was little observable damage caused by wildlife.	
36					BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	CONCRETE BUNKER		Angus	352393 731841	None		√				√					20/03/2008	The concrete is worn in some areas, particularly around the door frame and on top of the east facing wall. Some cracking is apparent beneath the slots on the east facing wall of the structure. The corrugated iron roof is rotting. The door has been broken and the mesh inside has been removed. The wooden doorframe is beginning to rot. Painted graffiti, from 1996, is present on the internal walls of the building.
37					BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	ALLAN WILLIAMS TURRET		Angus	352514 731808	None		√					√				20/03/2008	The iron frame is badly corroded. The back roof panel is bent. The door has fallen off but is located next to the structure. A circular disc has also fallen off the top of the structure. It appears that there may have been bitumen covering the structure, which is also eroding. Some basic preservation work should be carried out to slow down the decay. The exposed metal would benefit from a protective coating.
38	NMRS NO53SW 87				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA, GRENADE RANGE	FIRING RANGE		Angus	353345 732005	None	√					√					03/03/2008	The site is still in use and remains as described in the NMRS.
39	NMRS NO53SW 85				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	FIRING RANGE		Angus	353615 731895	None	√					√					03/03/2008	The firing range is still in use and is in good condition. It is 100 m long with markers at 25, 50, 75 and 100m. 12 wooden boxes are sunk in to the ground at the 100 m mark.
40	NMRS NO53SW 86				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	CONCRETE BUNKER		Angus	353825 731837	None		√				√					03/03/2008	There is some weathering around the windows and doorways. This is especially apparent in the w. corner (as shown in the NMRS photo's). There is also some graffiti on the internal walls. Some erosion is apparent on the dune to the west of the structure, the erosion has been exacerbated by rabbit burrowing.
41	NMRS NO53SW 86				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	TRENCHES		Angus	353767 731826	None		√					√				03/03/2008	The trenches were generally 0.80 m high with manmade banks on the N, E, S and W sides. The entrance was on W side. The sides were lined with corrugated iron sheets held in place with vertical iron posts. Rabbit burrows were present in the earth banks surrounding both trenches. The trenches were generally in a good state of repair and the corrugated walls were in good condition.
42	NMRS NO53SW 86				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	TARGET SHED, TRACKS, BUNKERS AND BRICK LINED SHOOTING TRENCHES		Angus	354100 732000	None		√					√				03/03/2008	The target shed has been modified, two extensions on the E facing wall have been demolished and an extension has been added to the back of the building. The original doors have been removed and replaced with corrugated roller doors. The tracks leading up to the buildings are covered with hardcore and the upstanding lever (Shown on the NMRS photo) is no longer there. A 'post office telephones' manhole cover lies to the east of the tracks. Gorse covers the track in some areas. Trees are also growing through the wall in some areas and part of the wall is damaged by over grazing. The track is missing at the crossing of the 2nd N-S track. Trees are growing next to the wall in some areas. A section of the wall has collapsed at the E end of the track and the bricks are beginning to crack and deteriorate. The bunkers were generally in good condition, two however were filled with water. Some fire damage was observed in the door frame of the bunker to the W of the track. Rabbit burrowing and gathering of stock had caused extensive erosion to the southern bank. The brick lined shooting trenches were all in good condition. Preservation of the entire site was several gorse bushes cover the trenches. It was quite difficult to distinguish the trenches from natural dips in the dunes in some areas due to thick vegetation cover. Preservation of the trenches was generally good, with the most detrimental factor being the encroachment of scrub.
43					BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	TRENCHES		Angus	354366 731965	None		√				√					11/03/2008	The site remains as described in the NMRS and is still in use as an electronic firing range. There is some damage caused by burrowing animals but this is not extensive and does not appear to be a problem.
44	NMRS NO53SE 38				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	FIRING RANGE		Angus	355220 732080	None	√					√					04/03/2008	Gorse covers the western end of the trench.
45	NMRS NO53SW 88				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	TRENCH		Angus	353703 731652	None		√					√				03/03/2008	The firing range appears to be a fairly new build and remains as described in the NMRS.
46	NMRS NO53SW 85				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	FIRING RANGE		Angus	353609 731496	None	√					√					03/03/2008	The range is composed of 7 breeze block structures each 1.80 m wide, 2.90 m long and approximately 10 m apart. A wooden shed, measuring 5 x 4 m is located at the north west end of these structures. The site remains in good condition and is still in use.
47	NMRS NO53SW 85				BARRY LINKS, BARRY BUDDON MILITARY TRAINING AREA	FIRING RANGE		Angus	353830 731250	None	√					√					03/03/2008	Some corrosion is visible on the roof of the structure and around the doorway. The iron is pitted. The concrete base appears to be in good condition. There is a hole in the roof panel on the south of the structure. The 'bitumen?' covering the surface of the structure is badly eroded and the door is missing. Some basic preservation work should be carried out to slow down the decay. The exposed metal would benefit from a protective coating.
48					BUDDON NESS	ALLAN WILLIAMS TURRET		Angus	353424 731148	None		√					√				04/03/2008	Bracken is encroaching around the top of the structure and grass fills it. There is evidence of rabbit burrowing around the top of the structure. The roof of the building has partly collapsed. There was no clear evidence of the buildings to the west of the Ice House, with the exception of a low L-shaped bank. The house is partially built in to the dunes and is composed of randomly coursed, faced granite blocks which appear to be in good condition.
49	NMRS NO53SW 22	NO53SW0022			BUDDON NESS	ICE HOUSE ON OS 1ST EDITION		Angus	353405 731093	None		√					√				04/03/2008	The bunker is in good condition. Some wind blown sand and vegetation cover the top of the structure. No entrance was visible; it is possible that it is concealed by the sand surrounding the structure.
50					BUDDON NESS	PILLBOX		Angus	353378 731040	None	√					√					04/03/2008	Some graffiti, dated 1999, is present on the walls and the roof it appears to be fading. The concrete is beginning to erode in some areas. However, the structure is in fairly good condition. The site is already partially buried in sand on the western side.
51					BUDDON NESS	PILLBOX		Angus	353394 731005	None	√					√					04/03/2008	Several burrows were observed in the surrounding area, but did not impact upon the buildings. The buildings appeared to be as described in the NMRS. The sangers, located in the 4 corners of the compound were in various states of preservation. The corrugated roof on the sanger to the e of the gate was beginning to corrode. The sanger on the eastern side was roofless and the wooden door frame was beginning to rot. there was graffiti on the internal walls. Rabbit burrows were located on the mounds surrounding the features.
52	NMRS NO53SW 21	NO53SW0021	LB 4634		BUDDON NESS, HIGH LIGHTHOUSES	REMAINS OF LIGHTHOUSE AND ASSOCIATED BUILDINGS		Angus	353895 731051	Fenced		√				√					11/03/2008	No damage was visible; the lighthouse appeared to be well maintained.
53	NMRS NO53SW 21	NO53SW0021	LB 4634		BUDDON NESS, HIGH LIGHTHOUSES	LIGHTHOUSE		Angus	353881 731005	Fenced	√					√					11/03/2008	Earthworks were located on either side of the lighthouse compound. The Eastern set of earthworks extended in to the compound. A large rabbit burrow was located in the centre and on the southern bank of the feature. A footpath ran along the western side of the earthworks. Several burrows were observed in the surrounding area. The western set of earthworks had an internal and external bank. Both were in good condition with no obvious erosion.
54	NMRS NO53SW 21	NO53SW0021			BUDDON NESS, HIGH LIGHTHOUSES	EARTHWORKS		Angus	353910 731030	None		√				√					11/03/2008	It is unclear whether the structure depicted on the OS 1st edition map has been completely destroyed or whether it survives completely buried in sand.
55					BUDDON NESS	LIFE BOAT HOUSE ON OS 1ST EDITION		Angus	353885 730757	None			√								√	
56	NMRS NO53SW 55	NO53SW0055	LB 4635		BUDDON NESS, LOW LIGHTHOUSE	LIGHTHOUSE		Angus	354210 730840	None	√					√					04/03/2008	The lighthouse remains in good condition.
57	NMRS NO53SW 55	NO53SW0055	LB 4635		BUDDON NESS, LOW LIGHTHOUSE	BUILDINGS ASSOCIATED WITH LIGHTHOUSE		Angus	354205 730770	Herras fencing around building			√						√		04/03/2008	The building associated with the lighthouse are partially destroyed, it is unroofed and beginning to fall in to disrepair. The south facing wall is badly damaged and the north wall has a large hole in it. Although heras fencing is round the structure no other protective measures are present.
58					BUDDON NESS	CONCRETE ANTI TANK PILLARS		Angus	354434 730567	None		√				√					04/03/2008	The site consists of two sets of three anti tank pillars separated by a large dune. They are slightly weathered and are partially buried in sand. The pillars are in various states of preservation and all have iron loops projecting on the western side.
59	NMRS NO53SW 74				BUDDON NESS	PILLBOX		Angus	354420 730450	None			√								√	Not found

## APPENDIX 3 - Photographic catalogue

Name: Barry Buddon baseline conditions survey photographic catalogue						
Date created: 31/03/2008						
Sorted by: Photo no						
Photo Nos	Date	Fac-ing	Site no	Form of Monu-ment	Details	Digital file name
Pic_001	28/02/08	NE	HA02	Track, Trenches	Track seen from west end	BBP07_Pic_001.jpg
Pic_002	28/02/08	NE	HA02	Track, Trenches	Track seen from middle	BBP07_Pic_002.jpg
Pic_003	28/02/08	W	HA02	Track, Trenches	Track seen from east end	BBP07_Pic_003.jpg
Pic_004	28/02/08	N	HA02	Track, Trenches	Animal burrow in trench	BBP07_Pic_004.jpg
Pic_005	28/02/08	S	HA02	Track, Trenches	View along trench	BBP07_Pic_005.jpg
Pic_006	28/02/08	E	HA02	Track, Trenches	Trench seen from west end	BBP07_Pic_006.jpg
Pic_007	28/02/08	S	HA02	Track, Trenches	View along trench	BBP07_Pic_007.jpg
Pic_008	28/02/08	N	HA02	Track, Trenches	View along trench	BBP07_Pic_008.jpg
Pic_009	28/02/08	NE	HA03	Trenches	Trenches	BBP07_Pic_009.jpg
Pic_010	28/02/08	NE	HA03	Trenches	Vehicle tracks in trench	BBP07_Pic_010.jpg
Pic_011	28/02/08	SE	HA03	Trenches	Schrubs growing in the north trench	BBP07_Pic_011.jpg
Pic_012	28/02/08	S	HA05	Firing range	View towards target area	BBP07_Pic_012.jpg
Pic_013	28/02/08	S	HA05	Firing range	Signal pole	BBP07_Pic_013.jpg
Pic_014	28/02/08	SE	HA05	Firing range	Target holders	BBP07_Pic_014.jpg
Pic_015	28/02/08	NW	HA05	Firing range	Rear of target area	BBP07_Pic_015.jpg
Pic_016	28/02/08	S	HA06	Firing range	View towards target area	BBP07_Pic_016.jpg
Pic_017	28/02/08	N	HA06	Firing range	Rear of target area	BBP07_Pic_017.jpg
Pic_018	28/02/08	NW	HA06	Firing range	Rear of target area	BBP07_Pic_018.jpg
Pic_019	28/02/08	E	HA04	Firing range	Base of signal pole	BBP07_Pic_019.jpg
Pic_020	28/02/08	SE	HA04	Firing range	Base of signal pole	BBP07_Pic_020.jpg
Pic_021	28/02/08	N	HA08	Gun battery	Gun positions at east end of battery?	BBP07_Pic_021.jpg
Pic_022	28/02/08	E	HA08	Gun battery	Gun positions at east end of battery?	BBP07_Pic_022.jpg
Pic_023	28/02/08	W	HA08	Gun battery	General view along gun emplacements on embankment	BBP07_Pic_023.jpg
Pic_024	28/02/08	W	HA08	Gun battery	Holdfast for 9-inch calibre gun	BBP07_Pic_024.jpg
Pic_025	28/02/08	W	HA08	Gun battery	Holdfast for 9-inch calibre gun	BBP07_Pic_025.jpg
Pic_026	28/02/08	W	HA08	Gun battery	Holdfast for 9-inch calibre gun	BBP07_Pic_026.jpg
Pic_027	28/02/08	S	HA08	Gun battery	64-pounder gun emplacement	BBP07_Pic_027.jpg
Pic_028	28/02/08	S	HA08	Gun battery	64-pounder gun emplacement	BBP07_Pic_028.jpg
Pic_029	28/02/08	W	HA08	Gun battery	64-pounder gun emplacement	BBP07_Pic_029.jpg
Pic_030	28/02/08	S	HA08	Gun battery	64-pounder gun emplacement	BBP07_Pic_030.jpg
Pic_031	28/02/08	W	HA08	Gun battery	View towards lower gun emplacements within turning circle	BBP07_Pic_031.jpg
Pic_032	28/02/08	S	HA08	Gun battery	Eastern lower gun emplacement	BBP07_Pic_032.jpg
Pic_033	28/02/08	SE	HA08	Gun battery	Western lower gun emplacement	BBP07_Pic_033.jpg
Pic_034	28/02/08	E	HA08	Gun battery	View of hollows indicating positions of removed gunemplacements	BBP07_Pic_034.jpg
Pic_035	28/02/08	NW	HA09	Building	Magazine building associated with the gun battery	BBP07_Pic_035.jpg
Pic_036	28/02/08	SW	HA09	Building	Detail of decaying roof of building	BBP07_Pic_036.jpg
Pic_037	28/02/08	E	HA09, 10	Sea wall, building	West end of sea wall with magazine building in the background	BBP07_Pic_037.jpg
Pic_038	28/02/08	NW	HA10	Sea wall	East end of sea wall	BBP07_Pic_038.jpg
Pic_039	03/03/08	NE	HA38	Grenade range	View towards firing positions	BBP07_Pic_039.jpg

Photo Nos	Date	Fac-ing	Site no	Form of Monu-ment	Details	Digital file name
Pic_040	03/03/08	W	HA38	Grenade range	View from behind firing positions	BBP07_Pic_040.jpg
Pic_041	03/03/08	W	HA39	Firing range	View from behind firing positions	BBP07_Pic_041.jpg
Pic_042	03/03/08	NW	HA39	Firing range	View of shooting butts	BBP07_Pic_042.jpg
Pic_043	03/03/08	NE	HA39	Firing range	View towards firing positions	BBP07_Pic_043.jpg
Pic_044	03/03/08	W	HA41, 42	Target shed, tracks, bunkers, brick lined shoot-ing trenches	View of west end of complex with the target shed in the background	BBP07_Pic_044.jpg
Pic_045	03/03/08	SW	HA42	Target shed, tracks, bunkers, brick lined shoot-ing trenches	East elevation of target shed, with partly buried track in front.	BBP07_Pic_045.jpg
Pic_046	03/03/08	SW	HA42	Target shed, tracks, bunkers, brick lined shoot-ing trenches	Partly buried target turntable in front of shed	BBP07_Pic_046.jpg
Pic_047	03/03/08	SW	HA42	Target shed, tracks, bunkers, brick lined shoot-ing trenches	Partly buried track in front of target shed. Recently installed post office telephones manhole to the left	BBP07_Pic_047.jpg
Pic_048	03/03/08	W	HA42	Target shed, tracks, bunkers, brick lined shoot-ing trenches	View of target shed with new annex at the back	BBP07_Pic_048.jpg
Pic_049	03/03/08	W	HA42	Target shed, tracks, bunkers, brick lined shoot-ing trenches	Footprints of dismantled external sheds on S side of target shed	BBP07_Pic_049.jpg
Pic_050	03/03/08	N	HA42	Target shed, tracks, bunkers, brick lined shoot-ing trenches	New annex at the back of target shed	BBP07_Pic_050.jpg
Pic_051	03/03/08	S	HA41	Firing positions	View of north position	BBP07_Pic_051.jpg
Pic_052	03/03/08	NW	HA41	Firing positions	Rabbit burrow on S side of structure	BBP07_Pic_052.jpg
Pic_053	03/03/08	E	HA41	Firing positions	View of south position	BBP07_Pic_053.jpg
Pic_054	03/03/08	NW	HA41	Firing positions	Burrow on S side of structure	BBP07_Pic_054.jpg
Pic_055	03/03/08	NW	HA40	Bunker	View of bunker at top of sand dune	BBP07_Pic_055.jpg
Pic_056	03/03/08	SW	HA40	Bunker	View of concrete bunker	BBP07_Pic_056.jpg
Pic_057	03/03/08	SW	HA40	Bunker	View of concrete bunker	BBP07_Pic_057.jpg
Pic_058	03/03/08	NW	HA40	Bunker	Graffiti on interior walls of bunker	BBP07_Pic_058.jpg
Pic_059	03/03/08	NE	HA42	Target shed, tracks, bunkers, brick lined shoot-ing trenches	Target turntable at W end of track	BBP07_Pic_059.jpg
Pic_060	03/03/08	N	HA42	Target shed, tracks, bunkers, brick lined shoot-ing trenches	Two brick lined firing positions at W end of track	BBP07_Pic_060.jpg
Pic_061	03/03/08	W	HA42	Target shed, tracks, bunkers, brick lined shoot-ing trenches	Brick lined firing positions at W end of main track	BBP07_Pic_061.jpg
Pic_062	03/03/08	W	HA42	Target shed, tracks, bunkers, brick lined shoot-ing trenches	Collapsed brick lining along S side of embankment along track. At junction between main track and the western N-S aligned track	BBP07_Pic_062.jpg
Pic_063	03/03/08	W	HA42	Target shed, tracks, bunkers, brick lined shoot-ing trenches	Track crossing tarmaced road.	BBP07_Pic_063.jpg

Photo Nos	Date	Facing	Site no	Form of Monument	Details	Digital file name
Pic_064	03/03/08	SW	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Junction between the main track and the eastern N-S aligned track	BBP07_Pic_064.jpg
Pic_065	03/03/08	NE	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Trees growing next to brick lining on S side of embankment along main track. The rails have been removed from this section	BBP07_Pic_065.jpg
Pic_066	03/03/08	NE	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Collapsed brick embankment lining at bend towards E end of main track.	BBP07_Pic_066.jpg
Pic_067	03/03/08	NE	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Collapsed brick embankment lining at bend towards E end of main track.	BBP07_Pic_067.jpg
Pic_068	03/03/08	N	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Trees growing next to brick lining on S side of embankment along main track, towards E end of track	BBP07_Pic_068.jpg
Pic_069	03/03/08	N	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Embankment of the end loop of the main track at its northeast end. The track has been removed. Bunker behind trees to the left.	BBP07_Pic_069.jpg
Pic_070	03/03/08	NW	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Entrance to bunker next to end loop of main track.	BBP07_Pic_070.jpg
Pic_071	03/03/08	NW	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Burnt doorframe in bunker	BBP07_Pic_071.jpg
Pic_072	03/03/08	SW	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	View of bunker	BBP07_Pic_072.jpg
Pic_073	03/03/08	E	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Rear side of bunker	BBP07_Pic_073.jpg
Pic_074	03/03/08	N	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Erosion caused by rabbit burrowing on S side of bunker	BBP07_Pic_074.jpg
Pic_075	03/03/08	S	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Points at the junction between the main track and the eastern N-S aligned track	BBP07_Pic_075.jpg
Pic_076	03/03/08	W	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Trigger mechanism at N end of eastern N-S aligned track	BBP07_Pic_076.jpg
Pic_077	03/03/08	E	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Points at loop by N end of eastern N-S aligned track	BBP07_Pic_077.jpg
Pic_078	03/03/08	SW	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Brick lined firing positions on E side of eastern N-S aligned track	BBP07_Pic_078.jpg
Pic_079	03/03/08	NW	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Brick lined firing positions on E side of eastern N-S aligned track	BBP07_Pic_079.jpg

Photo Nos	Date	Facing	Site no	Form of Monument	Details	Digital file name
Pic_080	03/03/08	S	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Points at loop by S end of western N-S aligned track	BBP07_Pic_080.jpg
Pic_081	03/03/08	N	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Gorse growing on brick lining of embankment along the west side towards the S end of western N-S aligned track	BBP07_Pic_081.jpg
Pic_082	03/03/08	N	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Brick lined firing positions on E side of western N-S aligned track	BBP07_Pic_082.jpg
Pic_083	03/03/08	W	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Brick lined firing positions on E side of western N-S aligned track	BBP07_Pic_083.jpg
Pic_084	03/03/08	S	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Points at loop by S end of western N-S aligned track	BBP07_Pic_084.jpg
Pic_085	03/03/08	N	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Points lever mechanism? on western N-S aligned track, just S of its junction with the main track.	BBP07_Pic_085.jpg
Pic_086	03/03/08	S	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Cattle erosion just S of the loop at the north end of the western N-S aligned track	BBP07_Pic_086.jpg
Pic_087	03/03/08	NW	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Entrance to bunker next to N loop of the western N-S aligned track.	BBP07_Pic_087.jpg
Pic_088	03/03/08	S	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Cattle erosion on N side of bunker.	BBP07_Pic_088.jpg
Pic_089	03/03/08	E	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Rear side of bunker	BBP07_Pic_089.jpg
Pic_090	03/03/08	NE	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Gorse covering the track on the loop at the north end of the western N-S aligned track	BBP07_Pic_090.jpg
Pic_091	03/03/08	NW	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Entrance to bunker next to N loop of the eastern N-S aligned track.	BBP07_Pic_091.jpg
Pic_092	03/03/08	S	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	N side of bunker.	BBP07_Pic_092.jpg
Pic_093	03/03/08	E	HA42	Target shed, tracks, bunkers, brick lined shooting trenches	Animal burrow on rear side of bunker.	BBP07_Pic_093.jpg
Pic_094	03/03/08	W	HA46	Firing range	View towards target area	BBP07_Pic_094.jpg
Pic_095	03/03/08	NW	HA46	Firing range	Shooting butts	BBP07_Pic_095.jpg
Pic_096	03/03/08	N	HA46	Firing range	Targets at 100 m	BBP07_Pic_096.jpg
Pic_097	03/03/08	NE	HA46	Firing range	View towards the firing positions	BBP07_Pic_097.jpg
Pic_098	03/03/08	SE	HA45	Trenches	W end of trench emerging from gorse covered area	BBP07_Pic_098.jpg
Pic_099	03/03/08	SW	HA45	Trenches	Trench seen from the NE	BBP07_Pic_099.jpg
Pic_100	04/03/08	SW	HA49	Building	View of mid 19th century Ice House partly buried in sand.	BBP07_Pic_100.jpg

Photo Nos	Date	Fac-ing	Site no	Form of Monu-ment	Details	Digital file name
Pic_101	04/03/08	SW	HA49	Building	Detail of partly collapsed vault	BBP07_Pic_101.jpg
Pic_102	04/03/08	SE	HA49	Building	L-shaped bank, possible remains of building to the W of Ice House	BBP07_Pic_102.jpg
Pic_103	04/03/08	NE	HA48	Cupola	View of Allan Williams Turret at top of sand dune	BBP07_Pic_103.jpg
Pic_104	04/03/08	NE	HA48	Cupola	Entrance with door in situ	BBP07_Pic_104.jpg
Pic_105	04/03/08	W	HA50	Pillbox	Concrete pillbox almost entirely buried in sand	BBP07_Pic_105.jpg
Pic_106	04/03/08	S	HA51	Pillbox	Graffiti on top of pillbox partly buried in sand	BBP07_Pic_106.jpg
Pic_107	04/03/08	NW	HA51	Pillbox	Graffiti on front of pillbox	BBP07_Pic_107.jpg
Pic_108	04/03/08	W	HA47	Firing range	View towards target area	BBP07_Pic_108.jpg
Pic_109	04/03/08	N	HA47	Firing range	Rail for moving targets	BBP07_Pic_109.jpg
Pic_110	04/03/08	NE	HA47	Firing range	View of range from the SW	BBP07_Pic_110.jpg
Pic_111	04/03/08	NE	HA44	Firing range	Firing positions	BBP07_Pic_111.jpg
Pic_112	04/03/08	N	HA44	Firing range	Target area	BBP07_Pic_112.jpg
Pic_113	04/03/08	NW	HA44	Firing range	View from target area	BBP07_Pic_113.jpg
Pic_114	04/03/08	SW	HA34	Trenches	View from N side of complex	BBP07_Pic_114.jpg
Pic_115	04/03/08	N	HA34	Trenches	View from S side of complex	BBP07_Pic_115.jpg
Pic_116	04/03/08	E	HA35	Trenches	Trench at S end of complex	BBP07_Pic_116.jpg
Pic_117	04/03/08	N	HA35	Trenches	View from S side of complex	BBP07_Pic_117.jpg
Pic_118	04/03/08	NE	HA35	Trenches	View from W side of complex	BBP07_Pic_118.jpg
Pic_119	04/03/08	SE	HA35	Trenches	View from N side of complex	BBP07_Pic_119.jpg
Pic_120	04/03/08	SW	HA35	Trenches	View from E side of complex	BBP07_Pic_120.jpg
Pic_121	04/03/08	W	HA33	Firing range	View from embankment behind target area	BBP07_Pic_121.jpg
Pic_122	04/03/08	E	HA33	Firing range	View towards targets from behind firing positions	BBP07_Pic_122.jpg
Pic_123	04/03/08	SE	HA33	Firing range	View of pistol range	BBP07_Pic_123.jpg
Pic_124	04/03/08	E	HA30	Firing range	View towards targets from behind early 20th centry firing position	BBP07_Pic_124.jpg
Pic_125	04/03/08	E	HA30	Firing range	View towards targets from behind early 20th centry firing position	BBP07_Pic_125.jpg
Pic_126	04/03/08	N	HA30	Firing range	20th centry firing position at 1300 yards with distance marker	BBP07_Pic_126.jpg
Pic_127	04/03/08	E	HA30	Firing range	View towards targets from behind modern 600 m firing position	BBP07_Pic_127.jpg
Pic_128	04/03/08	W	HA30	Firing range	View from embankment behind target area	BBP07_Pic_128.jpg
Pic_129	04/03/08	N	HA31	Pillbox (site of)	Pile of concrete rubble. Remains of pillbox? Sea wall to the right	BBP07_Pic_129.jpg
Pic_130	04/03/08	S	HA32	Pillbox (site of)	Extent of sea wall disturbance in front of dunes	BBP07_Pic_130.jpg
Pic_131	04/03/08	E	HA58	Anti tank pillars	W group of three anti tank pillars	BBP07_Pic_131.jpg
Pic_132	04/03/08	E	HA58	Anti tank pillars	E group of three anti tank pillars	BBP07_Pic_132.jpg
Pic_133	04/03/08	NW	HA52-54,56,57	Lighthouses and associated build-ings	View of the Lighthouses at Buddon Ness. The base of the third lighthouse is incorporated into the north end of the white building to left. Lighthouse keeper's cottages in the middle of picture.	BBP07_Pic_133.jpg
Pic_134	04/03/08	N	HA57	Buildings and earthworks	Keeper's cottages seen from the SE	BBP07_Pic_134.jpg
Pic_135	04/03/08	SE	HA57	Buildings and earthworks	Keeper's cottages seen from the NW	BBP07_Pic_135.jpg
Pic_136	04/03/08	SW	HA57	Buildings and earthworks	Collapsed masonry on the E side of the building.	BBP07_Pic_136.jpg
Pic_137	04/03/08	E	HA56	Lighthouse	The 'Low Lighthouse' at Buddon Ness	BBP07_Pic_137.jpg

Photo Nos	Date	Facing	Site no	Form of Monument	Details	Digital file name
Pic_138	11/03/08	S	HA57	Buildings and earthworks	Banks defining outline of a garden to the E of the cottages	BBP07_Pic_138.jpg
Pic_139	11/03/08	SE	HA57	Buildings and earthworks	Semicircular structure at E end of garden.	BBP07_Pic_139.jpg
Pic_140	11/03/08	NE	HA56,57	Lighthouse and associated buildings, earthworks	The 'Low Lighthouse' with Keeper's cottages at the front. Earthworks defining the outline of a garden to the right of building	BBP07_Pic_140.jpg
Pic_141	11/03/08	NW	HA54	Earthworks	Rectangular enclosure on E side of compound	BBP07_Pic_141.jpg
Pic_142	11/03/08	W	HA54	Earthworks	Rabbit burrow on S side of enclosure	BBP07_Pic_142.jpg
Pic_143	11/03/08	SW	HA52,53	Buildings	View of compound from the NE	BBP07_Pic_143.jpg
Pic_144	11/03/08	NW	HA52,53	Buildings	View of NE side of compound with lighthouse and two sangers	BBP07_Pic_144.jpg
Pic_145	11/03/08	N	HA54	Earthworks	Rectangular enclosure on W side of compound	BBP07_Pic_145.jpg
Pic_146	11/03/08	NE	HA52,53	Buildings	View of compound from the SE	BBP07_Pic_146.jpg
Pic_147	11/03/08	SE	HA43	Trenches	Gorse covering trenches at S end of complex	BBP07_Pic_147.jpg
Pic_148	11/03/08	S	HA43	Trenches	Trench at W end of complex	BBP07_Pic_148.jpg
Pic_149	11/03/08	E	HA43	Trenches	View along trench to the N	BBP07_Pic_149.jpg
Pic_150	11/03/08	W	HA43	Trenches	View along trench to the S	BBP07_Pic_150.jpg
Pic_151	11/03/08	SE	HA28	Trenches, earthworks	Trees encraching the WW I trench complex	BBP07_Pic_151.jpg
Pic_152	11/03/08	SW	HA28	Trenches, earthworks	Erosion caused by cattle	BBP07_Pic_152.jpg
Pic_153	11/03/08	NW	HA28	Trenches, earthworks	Foxhole	BBP07_Pic_153.jpg
Pic_154	11/03/08	NE	HA28	Trenches, earthworks	View of trenches. Trees encroaching from the right of picture	BBP07_Pic_154.jpg
Pic_155	11/03/08	E	HA28	Trenches, earthworks	Erosion caused by cattle	BBP07_Pic_155.jpg
Pic_156	11/03/08	NE	HA28	Trenches, earthworks	Erosion caused by cattle	BBP07_Pic_156.jpg
Pic_157	11/03/08	NE	HA28	Trenches, earthworks	Erosion caused by cattle	BBP07_Pic_157.jpg
Pic_158	11/03/08	NE	HA28	Trenches, earthworks	Trench partly filled with water	BBP07_Pic_158.jpg
Pic_159	11/03/08	W	HA28	Trenches, earthworks	Erosion caused by cattle	BBP07_Pic_159.jpg
Pic_160	11/03/08	E	HA28	Trenches, earthworks	Erosion caused by cattle	BBP07_Pic_160.jpg
Pic_161	11/03/08	N	HA28	Trenches, earthworks	Possible base of an Allan Williams Turret, recently roofed	BBP07_Pic_161.jpg
Pic_162	11/03/08	N	HA28	Trenches, earthworks	Possible base of an Allan Williams Turret, interior.	BBP07_Pic_162.jpg
Pic_163	11/03/08	W	HA28	Trenches, earthworks	Bunkers? Constructed from corrugated iron tubes buried in sand	BBP07_Pic_163.jpg
Pic_164	11/03/08	W	HA27	Earthworks	View of triangular enclosure	BBP07_Pic_164.jpg
Pic_165	17/03/08	SW	HA52	Buildings	Sanger at W corner of compound	BBP07_Pic_165.jpg
Pic_166	17/03/08	S	HA52	Buildings	Sanger at S corner of compound	BBP07_Pic_166.jpg
Pic_167	17/03/08	NE	HA52	Buildings	Roofless sanger at E corner of compound	BBP07_Pic_167.jpg
Pic_168	17/03/08	NW	HA52	Buildings	Sanger at N corner of compound	BBP07_Pic_168.jpg
Pic_169	17/03/08	SE	HA28	Trenches, earthworks	Subrectangular earthworks, part of trench complex	BBP07_Pic_169.jpg
Pic_170	17/03/08	SW	HA28	Trenches, earthworks	Possible rangeat east end of complex	BBP07_Pic_170.jpg
Pic_171	17/03/08	N	HA29	Cupola	View of Allan Williams Turret	BBP07_Pic_171.jpg

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Pic_172	17/03/08	SW	HA29	Cupola	Corrosion damage on turret. Remains of original coating to right.	BBP07_Pic_172.jpg
Pic_173	17/03/08	NW	HA28	Trenches, earthworks	View of concrete observation bunker	BBP07_Pic_173.jpg
Pic_174	17/03/08	N	HA28	Trenches, earthworks	Concrete observation bunker. External graffiti masked by paint	BBP07_Pic_174.jpg
Pic_175	17/03/08	NW	HA29	Cupola	Detached part of turret found 300 m to the SE	BBP07_Pic_175.jpg
Pic_176	17/03/08	E	HA25	Building	Remains of the late 18th century steading at Cowbyres	BBP07_Pic_176.jpg
Pic_177	17/03/08	W	HA25	Building	Backfilled trench dug into the W end of the building at Cowbyres	BBP07_Pic_177.jpg
Pic_178	17/03/08	E	HA25	Building	Bare soil in the middle room of the building at Cowbyres	BBP07_Pic_178.jpg
Pic_179	20/03/08	W	HA24	Trenches	Trees growing in WW I trenches	BBP07_Pic_179.jpg
Pic_180	20/03/08	W	HA24	Trenches	WW I trenches	BBP07_Pic_180.jpg
Pic_181	20/03/08	W	HA22	Building	Low banks defining the outline of mid 19th century building	BBP07_Pic_181.jpg
Pic_182	20/03/08	N	HA13	Buildings	Front of garage	BBP07_Pic_182.jpg
Pic_183	20/03/08	NE	HA13	Buildings	Rear of garage	BBP07_Pic_183.jpg
Pic_184	20/03/08	E	HA13	Buildings	View of large Nissan hut	BBP07_Pic_184.jpg
Pic_185	20/03/08	S	HA12	Building	View of Gunnery Training room	BBP07_Pic_185.jpg
Pic_186	20/03/08	W	HA12	Building	View of east elevation of Gunnery Training room	BBP07_Pic_186.jpg
Pic_187	20/03/08	W	HA12	Building	Detail showing closed gun port, stop blocks and ventilator	BBP07_Pic_187.jpg
Pic_188	20/03/08	N	HA36	Bunker	View of concrete bunker	BBP07_Pic_188.jpg
Pic_189	20/03/08	W	HA36	Bunker	View of concrete bunker	BBP07_Pic_189.jpg
Pic_190	20/03/08	NE	HA37	Cupola	View of Allan Williams Turret. Detached door at entrance	BBP07_Pic_190.jpg
Pic_191	20/03/08	W	HA37	Cupola	View of Allan Williams Turret. Detached top panel on ground	BBP07_Pic_191.jpg
Pic_192	20/03/08	S	HA37	Cupola	View of Allan Williams Turret at top of sand dune	BBP07_Pic_192.jpg
Pic_193	20/03/08	SE	HA14	Buildings	View of Nissan huts belonging to the old camp	BBP07_Pic_193.jpg
Pic_194	20/03/08	NW	HA14	Buildings	View of Nissan huts belonging to the old camp	BBP07_Pic_194.jpg
Pic_195	20/03/08	E	HA15	Building	View of the old Buddon steading dating back to the 19th century	BBP07_Pic_195.jpg
Pic_196	20/03/08	SE	HA15	Building	View of the old Buddon steading dating back to the 19th century	BBP07_Pic_196.jpg
Pic_197	20/03/08	W	HA15	Building	View of the old Buddon steading dating back to the 19th century	BBP07_Pic_197.jpg
Pic_198	20/03/08	N	HA14	Buildings	Front of large shed	BBP07_Pic_198.jpg
Pic_199	20/03/08	E	HA14	Buildings	View of three smaller shed at back of large shed	BBP07_Pic_199.jpg