

# 'World War 2 Treasure Hunters' TV Series Quorn Camp

Quorn, Leicestershire

Client:



Date: July 2018

Series 1, Episode 7 Geophysical & Metal Detector Survey Reports SACIC Report No. 2017/120 Author: Tim Schofield, Mark Sommers & Stephen Taylor © SACIC



# Quorn Camp, Quorn, Leicestershire 'World War 2 Treasure Hunters' Television Series Series 1, Episode 7

Geophysical and Metal Detector Survey Reports Authors: Timothy Schofield, Mark Sommers, Stephen Taylor Illustrators: Timothy Schofield, Mark Sommers, Rui Santo Editor: Stuart Boulter Report Date: July 2018

# **HER Information**

Site Name:	Quorn Camp, Quorn, Leicestershire
Date of Fieldwork:	28th-29th June 2017
Grid Reference:	SK 5640 1592
Oasis Reference:	suffolka1-316671
Project Officers:	Timothy Schofield, Mark Sommers
WW2 Finds Expert:	Stephen Taylor
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Prepared By:Timothy Schofield, Mark Sommers & Stephen TaylorDate:July 2018

Approved By:	Stuart Boulter
Position:	Senior Project Officer
Date:	July 2018

Signed:

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## Summary

On the 28th and 29th of June 2017, Suffolk Archaeology Community Interest Company (SACIC) undertook a detailed magnetometer and metal detector survey at Quorn Camp, Quorn, Leicestershire. A camp that was occupied by American Paratroopers in 1944, before becoming a prisoner of war (POW) camp run by the British Army towards the end of the conflict. Many finds were prospected, including cap badges, American and German dog-tags and uniform buttons. Cartridge cases of US origin, along with a variety of other munitions and domestic items such as toothpaste tubes, containers for hair products, boot polish tins and cutlery were recovered during the metal detector survey.

A relatively small area was surveyed using a magnetometer, the results of the survey revealed the location of a probable trackway and hut bases, associated with the POW camp. To gain a full recorded layout of the entire camp, the site would benefit from an extended geophysical survey.

# 1. Introduction

On the 28th and 29th of June 2017 a geophysical and metal detector survey was undertaken at Quorn Camp, Quorn, Leicestershire (Fig.1) by Suffolk Archaeology Community Interest Company (SACIC). The surveys were commissioned by Emporium Productions Ltd, as part of a television series investigating the history of a variety of military sites around the UK, broadcasted in the UK in the autumn of 2017, on the History Channel. This report covers the seventh episode to be filmed, which was transmitted as episode four of the series.

The specific research aims of the detailed magnetometer and metal detector surveys were:

- To locate anomalies associated with the access road, Nissen huts and rubbish dumps, along with any other anomalies associated with the WW2 camp;
- To locate, record and recover evidence of military activity within Quorn Camp;
- To define the type of activities being undertaken within the survey area;
- To recover information regarding the POW's that were housed at Quorn.

# 2. Geology and topography

Quorn Camp is located in the grounds of Quorn House, on the Farnham Estate, to the west of Wood Lane (SK 5640 1592) Leicestershire. Access to the site was gained via the main house entrance, off Meeting Road. The survey area comprised open pasture with occasional mature trees, copses and areas of woodland, it lies at a height of 47 to 56m AOD.

The bedrock geology is described as Gunthorpe Member Mudstone, a sedimentary deposit formed in the Triassic Period in hot desert conditions, with some marine deposits. Superficial deposits are described as Head clay, silt, sand and gravel, formed by subaerial slopes depositing fine-grained materials down-slope in the Quaternary Period (BGS 2018).

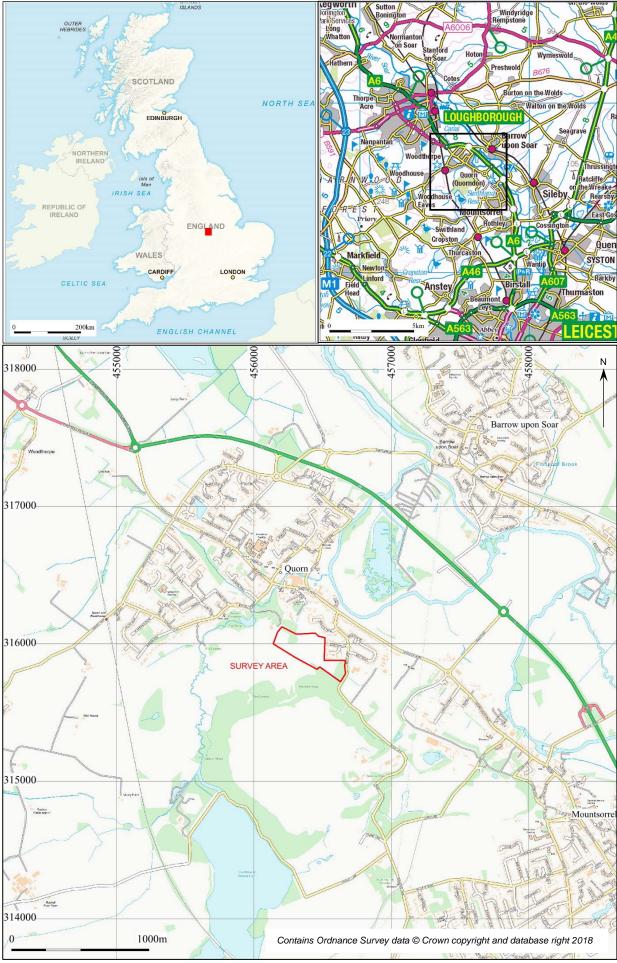


Figure 1. Site location

# 3. Archaeological background

Quorndon House, now called Quorn House, was completed in 1820, it is built in brick with cement facings in the late Georgian style. The house was passed from generation to generation of the Farnham family until 1992, when it was put up for sale. Today the house and grounds are owned by Tarmac.

Quorn Camp was established in the grounds of Quorn House during WW2, hosting the United States Army 82nd Airborne Division's 505th Parachute Infantry Regiment, who arrived on February 14th 1944. These paratroopers were involved in liberating the town of Sainte-Mère-Église, in Normandy, France, on the morning of D-Day and included Private Steele who famously became caught on the town's church spire. American veterans come back to Quorn on every tenth anniversary of the D-Day landings, to remember their comrades who did not return. A plaque commemorating the lost US servicemen is on display in Quorn's Memorial Gardens.

At the end of the war, the site was used as POW Camp 183, in 1946 its name was later changed to Repatriation Camp 9. Following the war, the camp remained in military use for 'staging' large units such as the Royal Leicestershire Regiment and the Royal Lincolnshire Regiment, who occupied the site for brief periods, the Royal Pioneer Corps (No. 523 Company) also became established here. In 1959 the camp was finally closed and the land was derequisitioned.

Figure 2 illustrates the layout of the camp as depicted on the Ordnance Survey (1:10,000 scale) map of 1955, revealing the layout of the POW camp with rows of semipermanent rectangular huts that housed the prisoners, flanking a clear east to west access area. Many of these hut bases are visible on modern aerial photographs and a few can be discerned on the ground. Access to the POW site was from Wood Lane, with a track leading directly to an area of less regularly distributed buildings, that were probably used as accommodation blocks and administration buildings for the British guards. The camp was fenced and kept separate from Quorn House and the remainder of the estate.



Figure 2. Quorn Camp as depicted on the 1:10,000 scale OS map of 1955 (rescaled extract)

# 4. Methodology

## **Metal Detector Survey**

The metal detecting survey was undertaken by a group of detectorists, all of whom have a specific interest in WW2 sites and used their own detecting equipment. The survey area was traversed along transects, at regularly spaced traverse intervals to ensure that the total area was covered. Find spots were initially marked with a survey flag, with the bagged finds and left *in-situ*. Multiple finds recovered within a 1m radius were bagged together, the central find's location being used as the group's identifying reference, small find numbers were later allocated to individual finds, during post-excavation processing.

A depth penetration of between 0.20 - 0.30m was achieved, depending on the type of detector coil employed, all finds were recovered from within the topsoil layer in all four survey areas, leaving the subsoil layers undisturbed.

A dedicated recording team tracked behind the detectorists to retrieve and record the finds detected. Each bag was issued a find spot number (prefixed with the site code

'GRP'), which was then geolocated employing a Leica Viva GS08+ Smart Rover RTK GLONASS/GPS, allowing an accuracy of +/- 0.03m. The resulting data was converted to National Grid Transformation OSTN15.

A list of find spot numbers, along with a rapid identifying description of the associated artefacts was produced, using pre-printed *pro-forma* record sheets and are presented as Appendix 1.

## **Geophysical Survey**

#### Instrument type

A Bartington DualGRAD 601-2 fluxgate gradiometer was employed to undertake the detailed geophysical survey; the weather was dry and the geological conditions were found to be favourable for survey.

### Instrument calibration and settings

One hour was allocated to allow the instrument's sensors to reach optimum operating temperature before the survey commenced; the weather was hot and sunny. Instrument sampling intervals were set to 0.25m along 1m traverses (four readings per metre).

#### Survey grid layout

The detailed survey was undertaken within 20m grids (Fig. 5, blue grid), orientated *c*. north-east to south-west and geolocated employing a Leica Viva GS08+ Smart Rover RTK GLONASS/GPS, allowing an accuracy of +/- 0.03m. Data were converted to National Grid Transformation OSTN15.

#### Data capture

Detailed fluxgate gradiometer survey data points were recorded on an internal data logger that were downloaded and checked for quality at midday and in the evening, allowing grids to be re-surveyed if necessary. A pro-forma survey sheet was completed to allow data composites to be created. Data were filed in unique project folders and backed-up onto an external storage device and then a remote server in the evening.

### Data software, processing and presentation

Datasets were composited and processed using DW Consulting's Terrasurveyor v.3.0.33.6; the raw grid files, composite and raster graphic plots will be stored and archived in this format. No processing was undertaken on the raw (Fig. 6) data, algorithms undertaken on the processed datasets (Figs. 7 and 8) are presented in Appendix 2.

Data composites were exported as raster images into AutoCAD. An interpretation plan based on the combined results of the raw, processed and xy trace plots (Figs. 6, 7 and 8) has been produced (Fig. 9).

### Survey grid restoration

Three virtual survey stations have been placed on survey grid nodes located along the baselines in order to accurately relocate the grid (Fig. 5).

# 5. Results and discussion

#### **Metal Detector Survey**

A total area of *c*.8.5ha was prospected over the two days and the results are presented as scaled plans below. Figure 3 depicts the find spot distribution across the survey area, Figure 4 shows the same data, including the find spot numbers.

#### The finds – description and discussion

Stephen Taylor

A large number of artefacts were recovered during the metal detector survey, the vast majority are attributable to the military occupation during WW2. Evidence for the presence of the US army was found, with large numbers of American cartridge cases, of various calibres, recovered from the site. Direct evidence was secured when two dog-tags (QRN 002, 007), a US lapel badge (QRN 030) and an army issue compass (QRN 056) were prospected.

Several artefacts directly attributable to the German POWs were further recovered, comprising dog-tags and coins from European countries that included a 5-pfennig coin, dated to 1941 and bearing the emblem of the 3rd Reich. Several military buttons (e.g. QRN 037) at least one of which was a Kriegsmarine button, which dated to 1938. The dog-tags recovered, reveal that the POWs came from every arm of the German armed forces; Luftwaffe, Wermacht and Kriegsmarine (QRN 050, 051, 052, 053, 177, 180).

The POW camp and the prisoners needed guards; the survey provides evidence of the units that may have performed these duties. Buttons and cap badges were recovered that showed the following British Army units had, at some point, been present at the site:

- Northamptonshire Regiment (QRN 062, 106)
- Leicestershire Regiment (QRN 063)
- Royal Armoured Corps (QRN 072)
- Sherwood Foresters (QRN 084)
- Royal Pioneer Corps (QRN 142)

The last unit on the list, the Royal Pioneer Corps, would have more likely been involved in the construction, rather than the guarding of the camp.

Given the units that were based at the camp, there are two items in particular that should not have been recovered. The US paratroopers were never equipped with any large calibre weapons (above .50 calibre), so the recovery of a 37mm cartridge case, (QRN 055) is intriguing. It is speculated that this was a souvenir brought back from one of the gunnery ranges that would have been visited by the US soldiers. The second item was a .55 calibre Boys anti-tank rifle drill round. The US army never used this weapon and it was declared obsolete by the British army in 1943 and withdrawn from service, prior to military occupation of the site.

A large number of domestic items, such as cutlery, a ration tin, polish tins, toothpaste tubes, hair product containers, a harmonica reed, a collection of English coins and cigarette lighters were further recovered.

## **Geophysical Survey**

The detailed fluxgate gradiometer survey recorded a range of geophysical anomalies, the majority of which are likely to be associated with the WW2 camp at Quorn (Fig. 9).

A plethora of isolated dipolar responses (grey spots) were recorded in the dataset that are likely to record the presence of magnetic artefacts and rubbish located in the topsoil. It is possible that some of these could be artefacts relating to the WW2 camp, however many of them could be of an archaeological derivation or more modern rubbish lost or deposited in the area.

Areas of magnetic disturbance (grey hatching) were also numerous within the dataset, also indicating that rubbish has been deposited in the survey area. There is a high potential that these areas record rubbish pits and other magnetic features relating to the camp, further archaeological excavations would be likely to confirm a source of the large bipolar readings.

A bipolar linear anomaly (blue line) bisects the data plot, orientated northwest to southeast, with two perpendicular running confluences. This is thought to be a ferrous service run, that is potentially still live, running parallel with the road. It could also have been taken out of use following the deconstruction of the camp.

Eleven very strong discrete positive anomalies (orange hatching) were recorded across the plot that are likely to record the presence of rubbish pits within the camp. Further archaeological investigations would be needed to confirm their form and function.

Five rectangular areas of magnetic disturbance (red hatching) record the location of Nissen hut concrete pads. The southern most of which still contains cut iron bars that were used to construct the long-removed structure. These ferrous remains are recorded particularly well on this concrete pad in the magnetometer data.

A linear area of magnetic disturbance (cyan hatching) is thought to delineate the location of a service pipe that may have been used to service the huts. It is recorded leaving the southern-most Nissen hut before turning 90 degrees and running north up the centre of the other concrete pads. A second linear is also recorded at a 45-degree angle that appears to join the pipe that is orientated north to south. No other

connections to the remaining huts can be seen within the data, which suggests that the southern-most concrete pad had a separate function, possibly an ablutions block that needed a waste pipe or a water service pipe.

A broad linear area of magnetic disturbance (magenta hatching) may record the location of the former trackway into the camp, that is associated with the bipolar service pipe (blue line).

# 6. Conclusion

The metal detector survey recovered many artefacts, which have confirmed the presence of the US army at the camp, along with German prisoners of war. Finds prospected also provide evidence of the British army units that either guarded the POW's, or who were present in the 1950's when the British Army used the site as a training camp. No surviving relatives could be found of the American personnel whose names were on their dog-tags. Tracing the German dog-tags was further found to be an impossible task, due to German privacy laws.

The geophysical survey was also used to great effect, over a small area. Many of the camp buildings can be seen within the dataset, the site would benefit from further extended geophysical survey to record the entire camp layout.

# 7. Archive deposition

The paper and digital archive will be kept at the SACIC office in Needham Market, before deposition in a suitable HER or museum. Artefacts recovered will remain the property of Quorn Parish Council and will be displayed in a suitable local museum for the public to view in due course.

## 8. Acknowledgements

Detailed magnetometer survey and metal detector fieldwork and archiving was directed by Tim Schofield and Mark Sommers, the team of detectorists was led by Stephen Taylor and comprised Richard Jordan, Elaine Jordan, Martin Dewick and Darren Bond and members of the Loughborough Coin & Search Society, a local metal detecting club. Project management was undertaken by Rhodri Gardner.

# 9. Bibliography

- Ayala, G., et al., 2004, *Geoarchaeology; Using Earth Sciences to Understand the Archaeological Record.* English Heritage.
- Chartered Institute for Archaeologists, 2014, Standard and Guidance for Archaeological Geophysical Survey.
- Clark, A. J., 1996, Seeing Beneath the Soil, Prospecting Methods in Archaeology. BT Batsford Ltd. London.
- David, A., et al., 2014, Geophysical Survey in Archaeological Field Evaluation. Historic England.
- Gaffney, C., Gater. J., and Ovenden, S., 2002, *The Use of Geophysical Techniques in Archaeological Evaluations.* IFA Technical Paper No.6.
- Gaffney, C., and Gater. J., 2003, *Revealing the Buried Past, Geophysics for Archaeologists.* Tempus Publishing Ltd.
- Schmidt, A., 2001, *Geophysical Data in Archaeology: A Guide to good Practice.* Archaeology Data Service. Oxbow books.
- Schmidt, A., et al., 2015, EAC Guidelines for the use of Geophysics in Archaeology; Questions to ask and Points to Consider. EAC Guidelines 2.
- Witten, A. J., 2006, *Handbook of Geophysics and Archaeology.* Equinox Publishing Ltd. London.

#### Websites

British Geological Survey, 2018, http://mapapps.bgs.ac.uk/geologyofbritain/home.html

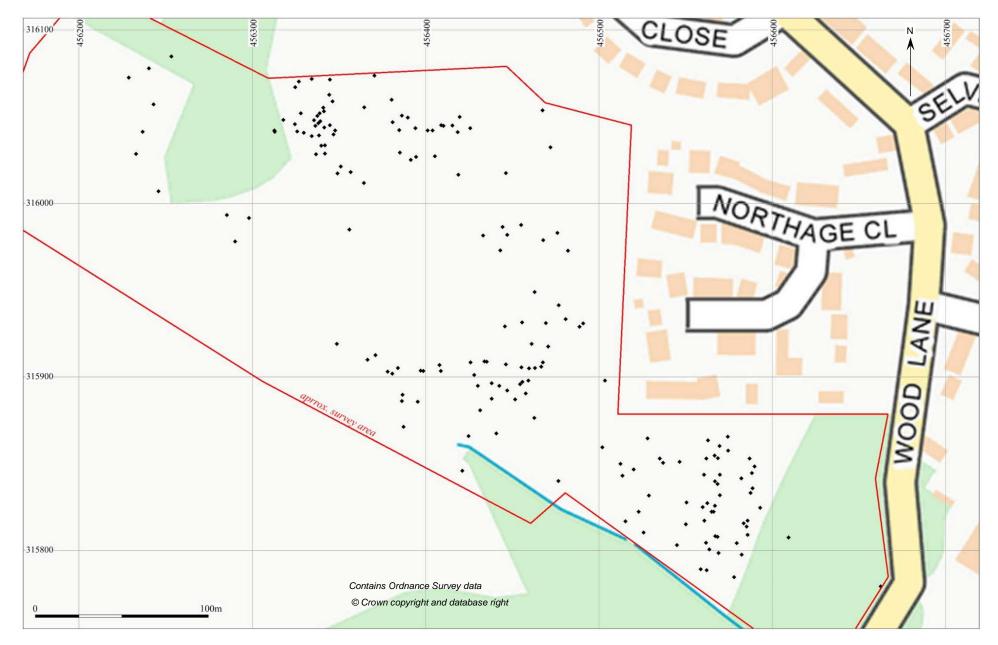


Figure 3. Quorn Camp - Metal detector findspots

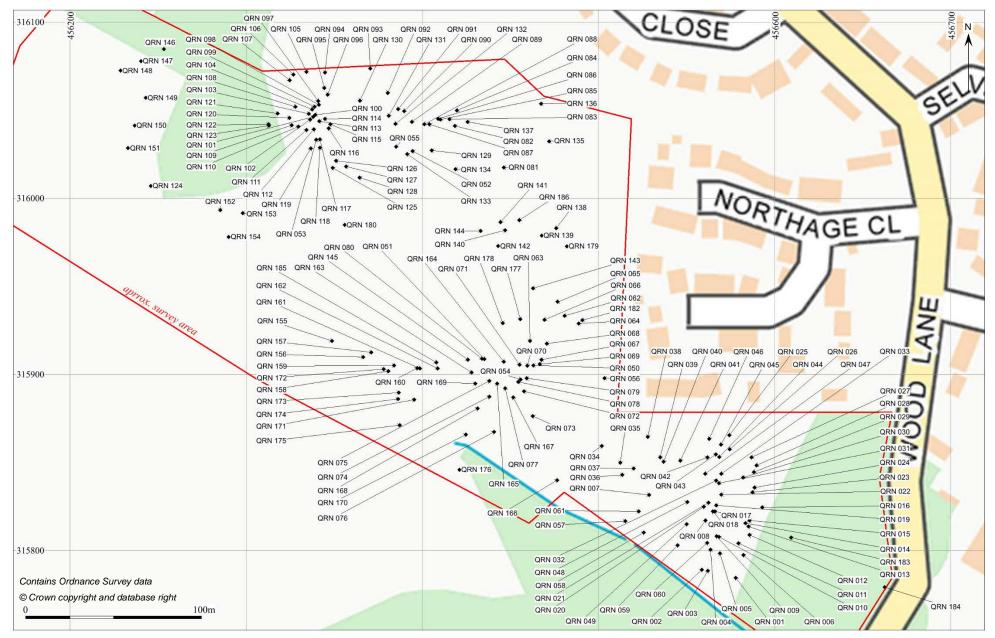
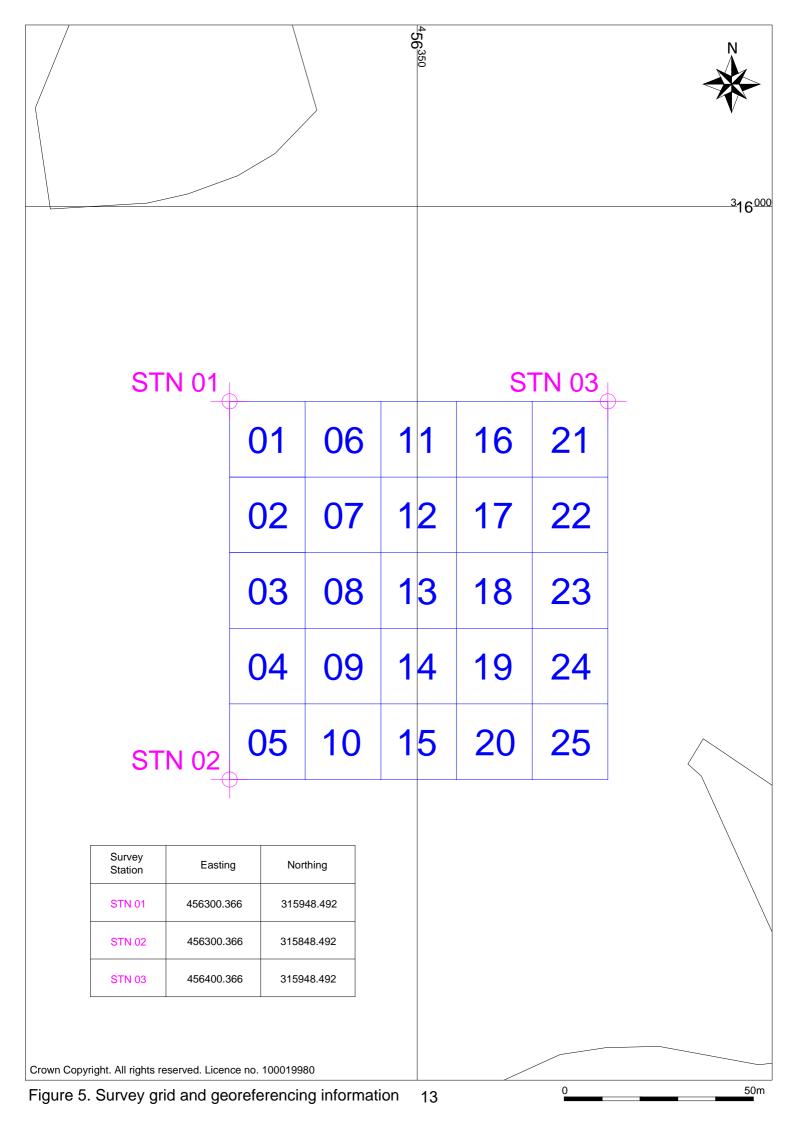
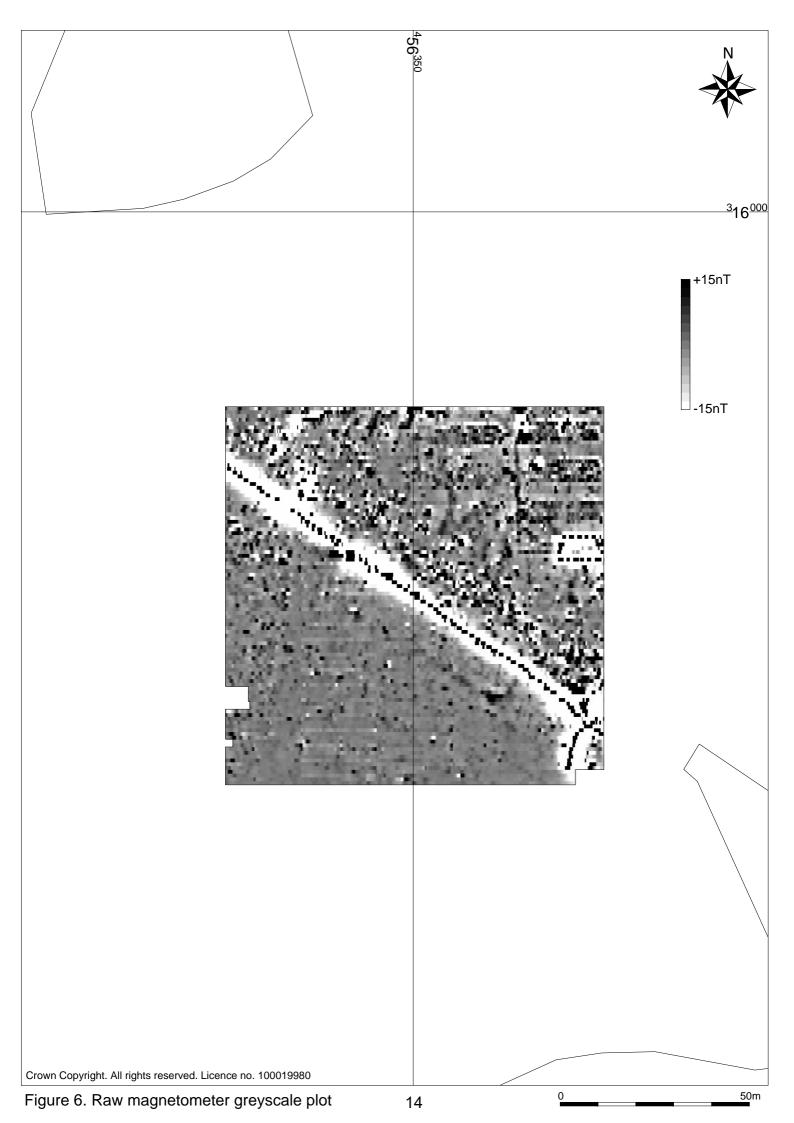
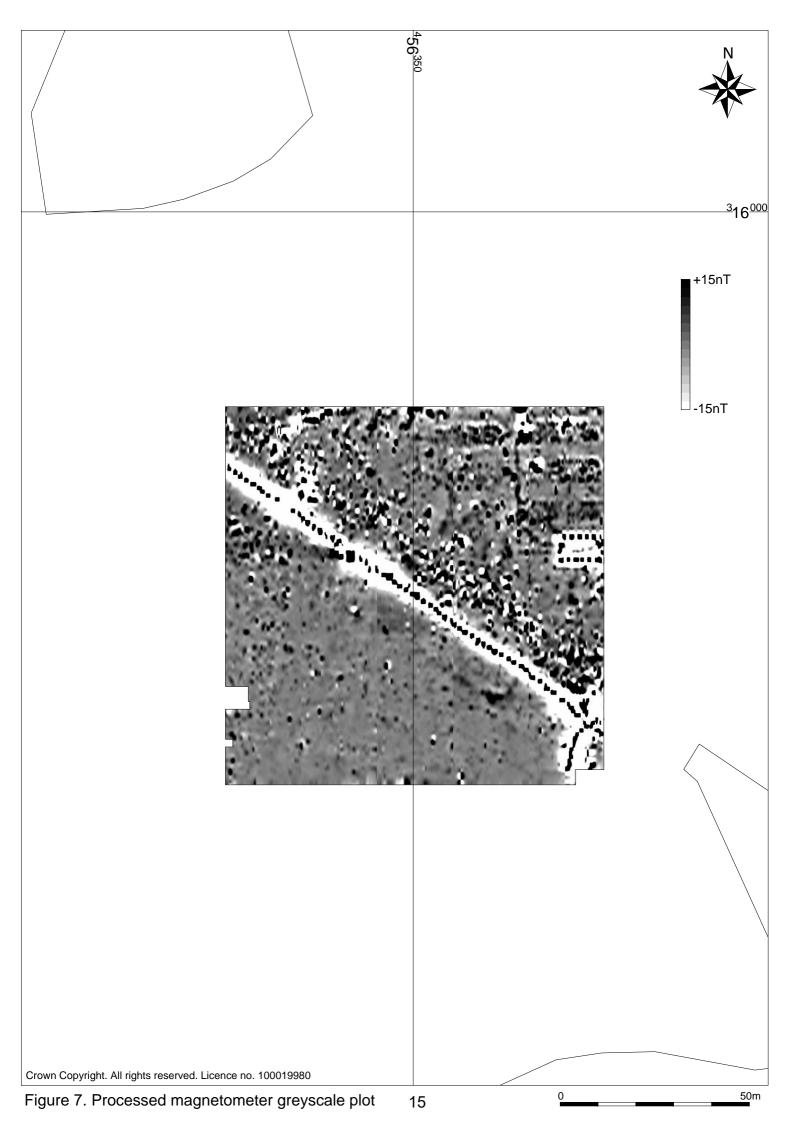
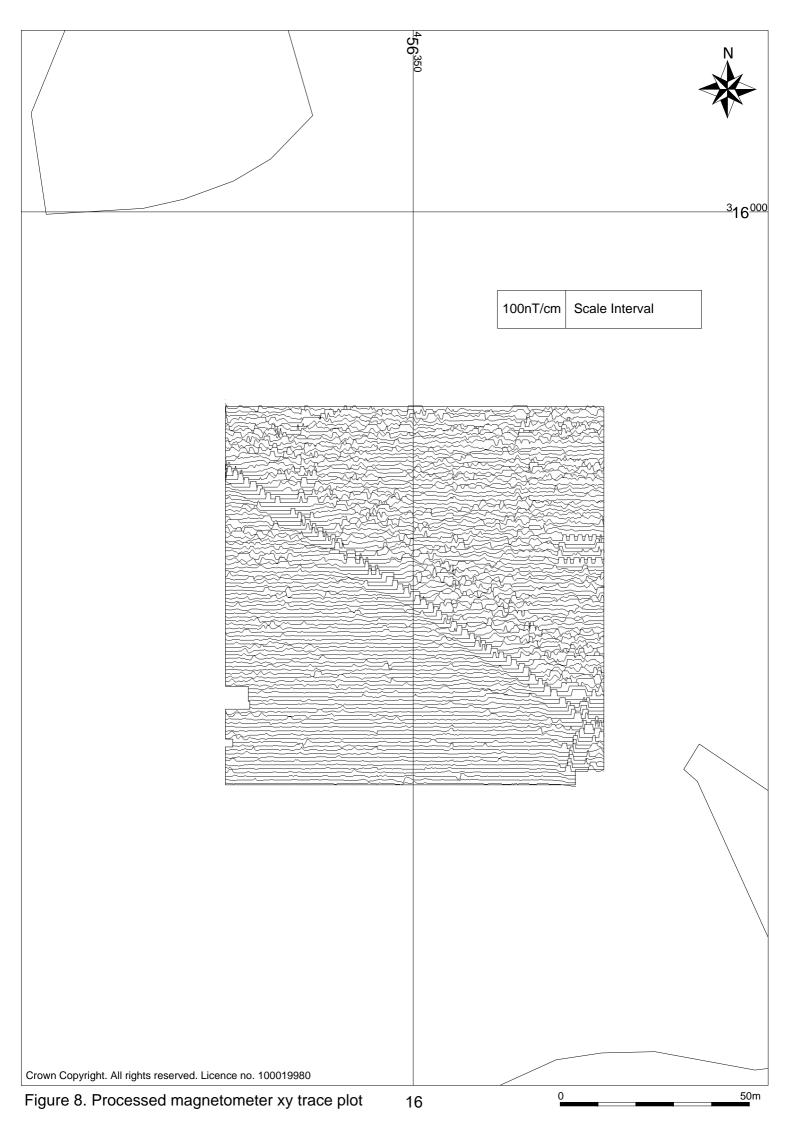


Figure 4. Quorn Camp - Metal detector findspots with ID numbers











# Appendix 1. Metal detector finds from Quorn Camp

Finds List

Find Spot	Find Spot Description	NGR
No.		
QRN 001	Toothpaste tube	456578, 315785
QRN 002	US dogtag (J.D. Smith)	456559, 315789
QRN 003	Tube top	456562, 315789
QRN 004	.303 cartridge case frag	456564, 315801
QRN 005	Button	456569, 315798
QRN 006	.45 calibre cartridge case	456582, 315798
QRN 007	US dogtag (H.T. Short)	456529, 315832
QRN 008	.303 inch cartridge case	456561, 315817
QRN 009	9mm cartridge case	456567, 315808
QRN 010	9mm cartridge case	456569, 315808
QRN 011	Halfpenny	456579, 315804
QRN 012	Halfpenny	456586, 315809
QRN 013	Button	456585, 315814
QRN 014	Electrical item	456583, 315816
QRN 015	?Misc.	456586, 315817
QRN 016	Cylinder	456593, 315825
QRN 017	Perforated disc	456566, 315822
QRN 018	Ration tin	456565, 315822
QRN 019	Тад	456567, 315826
QRN 020	Tin	456560, 315825
QRN 021	.303 inch bullet	456563, 315827
QRN 022	Tent peg	456570, 315832
QRN 023	Buckle	456588, 315833
QRN 024	Buckle	456588, 315836
QRN 025	Penny	456574, 315866
QRN 026	Halfpenny	456575, 315858
QRN 027	Cylinder	456587, 315853
QRN 028	Eyelet	456590, 315848
QRN 029	Holed disc	456588, 315845
QRN 030	US lapel badge	456582, 315842
QRN 031	Halfpenny	456568, 315838
QRN 032	Cut throat razor	456567, 315840
QRN 033	Key frag	456570, 315844
QRN 034	Misc. unknown.	456502, 315860
QRN 035	Threaded cap	456512, 315850
QRN 036	Strap end	456514, 315843

QRN 037	Kriegsmarine button	456520, 315847
QRN 038	9mm cartridge case	456528, 315865
QRN 039	Tent peg, large	456535, 315853
QRN 040	Silver florin	456537, 315850
QRN 041	Signalling mirror, WD arrow and 1945 dated	456546, 315851
QRN 042	Misc. electrical	456562, 315853
QRN 043	Stainless steel cigarette case	456567, 315855
QRN 044	Hair cream tube	456569, 315853
QRN 045	Cigarette case	456570, 315860
QRN 046	9mm cartridge case	456563, 315863
QRN 047	Stainless sheet with name 'Rich M '	456561, 315844
QRN 048	Penny	456550, 315828
QRN 049	.30 calibre cartridge case	456550, 315815
QRN 050	German dogtag	456463, 315905
QRN 051	German dogtag	456435, 315909
QRN 052	German dogtag	456394, 316027
QRN 053	German dogtag	456340, 316033
QRN 054	Brylcreem	456456, 315897
QRN 055	37mm US anti-tank shell case	456385, 316029
QRN 056	US army issue compass	456503, 315898
QRN 057	.30 calibre cartridge case	456515, 315817
QRN 058	.30 calibre bullet	456526, 315810
QRN 059	Coin	456545, 315803
QRN 060	Coin	456562, 315804
QRN 061	Ring	456523, 315822
QRN 062	Button, Northamptonshire regiment	456481, 315933
QRN 063	Leicestershire regiment button	456461, 315919
QRN 064	.30 calibre cartridge case	456489, 315929
QRN 065	Coins x2 and toothpaste tube	456477, 315941
QRN 066	Silver buckle	456469, 315931
QRN 067	.303 inch cartridge case	456468, 315908
QRN 068	Square object, misc.	456471, 315918
QRN 069	.303 inch cartridge case	456467, 315906
QRN 070	Buckle	456460, 315905
QRN 071	M1 Garand rifle rear sight knob	456455, 315906
QRN 072	Button, Royal Armoured Corps	456458, 315890
QRN 073	.45 calibre cartridge, live	456463, 315877
QRN 074	Lighter	456438, 315887
QRN 075	Ring	456438, 315896
QRN 076	Sling clasp	456441, 315867
QRN 077	Coin	456447, 315892

QRN 078	Tea ration tin	456455, 315896
QRN 079	Sling clasp	456459, 315898
QRN 080	Buckle	456434, 315909
QRN 081	Tin lid	456446, 316017
QRN 082	Stripper clip for .30 calibre cartridges	456418, 316041
QRN 083	Boot polish	456415, 316045
QRN 084	Button, Sherwood Foresters	456420, 316050
QRN 085	Lid	456410, 316045
QRN 086	Spoon and strap end	456409, 316045
QRN 087	.30 calibre cartridge case	456404, 316042
QRN 088	Boot polish	456394, 316043
QRN 089	Buckle and harmonica component	456394, 316044
QRN 090	.303 drill round	456390, 316050
QRN 091	NAAFI fork	456386, 316051
QRN 092	Toothpaste tube	456380, 316060
QRN 093	Tin lid	456371, 316074
QRN 094	Dart	456345, 316072
QRN 095	Clock face	456344, 316063
QRN 096	Flare cartridge	456346, 316059
QRN 097	Brylcreem lid	456341, 316055
QRN 098	Lighter	456341, 316053
QRN 099	Brasso tin	456339, 316052
QRN 100	Boot polish	456339, 316048
QRN 101	Remains of British army kit bag lock	456338, 316046
QRN 102	Spoon and Kiwi tin	456336, 316045
QRN 103	Brylcreem	456336, 316048
QRN 104	.50 calibre bullet	456338, 316050
QRN 105	.30 calibre bullet	456335, 316072
QRN 106	Cap badge (Northamptonshire Regt)	456327, 316070
QRN 107	.30 calibre cartridge cases and 5 round stripper clip	456325, 316067
QRN 108	Lead roll	456328, 316052
QRN 109	Buckles x2	456326, 316042
QRN 110	BA fork	456330, 316041
QRN 111	Comb and Kiwi tin	456334, 316039
QRN 112	Cherry Blossom and Kiwi boot polish tin	456339, 316039
QRN 113	Plate shade?	456342, 316044
QRN 114	NAAFI spoon	456345, 316045
QRN 115	Webbing buckle	456348, 316042
QRN 116	Penknife	456347, 316040
QRN 117	Spoon	456342, 316034
QRN 118	.30 calibre bullet	456342, 316029

QRN 119	Bakelite bulb fitting	456337, 316029
QRN 120	Kiwi boot polish	456325, 316046
QRN 121	Elastoplast tin lid	456318, 316048
QRN 122	Stencil - 'O'	456313, 316042
QRN 123	Stencil - 'O'	456313, 316041
QRN 124	Halfpenny	456246, 316007
QRN 125	.30 calibre cartridge case	456349, 316017
QRN 126	Halfpenny	456351, 316021
QRN 127	Pocket watch	456357, 316018
QRN 128	.30 calibre cartridge, live	456364, 316012
QRN 129	tin fitting, ?grill	456405, 316027
QRN 130	NAAFI fork	456365, 316055
QRN 131	Boys .55 drill round	456381, 316047
QRN 132	Cherry Blossom boot polish tin	456385, 316042
QRN 133	.50 calibre cartridge case fragment	456391, 316025
QRN 134	Buckle and harmonica component	456419, 316016
QRN 135	Square plate, marked 203	456472, 316032
QRN 136	.303 cartridge case	456468, 316054
QRN 137	Buckle	456426, 316044
QRN 138	Padlock	456476, 315983
QRN 139	Buckle and penny (1919)	456468, 315979
QRN 140	Fork, NAAFI 2904	456447, 315982
QRN 141	.30 calibre cartridge (live)	456444, 315986
QRN 142	Lee-Enfield rifle oil bottle, Royal Pioneer Corps cap badge and	456443, 315973
	coin	
QRN 143	Spoon (1941)	456463, 315949
QRN 144	Razor head	456433 <i>,</i> 315981
QRN 145	Buckle	456426 <i>,</i> 315908
QRN 146	Buckle and button	456253 <i>,</i> 316085
QRN 147	Fountain pen	456240, 316078
QRN 148	Penny	456229, 316073
QRN 149	Pennies	456243, 316057
QRN 150	Halfpenny	456237, 316041
QRN 151	Penny	456233 <i>,</i> 316028
QRN 152	Penny	456285, 315993
QRN 153	Buckle	456298, 315991
QRN 154	Buckle	456290, 315978
QRN 155	Buttons	456348, 315919
QRN 156	Penny	456366, 315910
QRN 157	Buckle	456371, 315912
QRN 158	Tin lid, Piccadilly cigarettes	456381, 315902

QRN 159	Button	456384, 315905
QRN 160	Coins in ?purse (2x 6d, 2x 3d)	456397, 315903
QRN 161	Toothpaste tube	456399, 315903
QRN 162	Fork handle	456409, 315903
QRN 163	Button	456408, 315907
QRN 164	Button and buckle	456446, 315907
QRN 165	Magazine section, Sten SMG	456443, 315895
QRN 166	Wingnut and lead seals from .50cal ammunition box	456477, 315840
QRN 167	Fork and strap end	456452, 315887
QRN 168	Сир	456431, 315881
QRN 169	Polish lid	456430, 315895
QRN 170	Spoon (incised)	456425, 315866
QRN 171	Halfpenny (1946)	456396, 315885
QRN 172	Belt buckle	456378, 315903
QRN 173	Lighter	456387, 315890
QRN 174	Aerial	456386, 315886
QRN 175	Lighter	456387, 315871
QRN 176	Kriegsmarine cap button	456421, 315846
QRN 177	German dogtag	456456, 315931
QRN 178	Buckle stick	456446, 315929
QRN 179	Buckle	456482, 315973
QRN 180	German dogtag	456356, 315985
QRN 181	Not used	n/a
QRN 182	Buckle	456491, 315931
QRN 183	German cup	456609, 315807
QRN 184	Plate and spoon	456662, 315779
QRN 185	Toothpaste tubes	456408, 315906
QRN 186	Lee-Enfield rifle oil bottle	456455, 315988

# Appendix 2. Quorn Camp Metadata sheets

•	•
Filename	Quorn 1 Raw -15 +15.xcp
Description	
Instrument Type	Grad 601 (Gradiometer)
Units	nT
Direction of 1st Traverse	90 deg
Collection Method	ZigZag
Sensors	2 @ 1.00 m spacing.
Dummy Value	2047.5
Dimensions	
Composite Size (readings)	800 x 100
Survey Size (meters)	100 m x 100 m
Grid Size	20 m x 20 m
X Interval	0.125 m
Y Interval	1 m
Stats	
Мах	100.00
Min	-100.00
Std Dev	26.70
Mean	-4.21
Median	-0.83
Composite Area	1 ha
Surveyed Area	0.99285 ha
Program	
Name	TerraSurveyor
Version	3.0.33.6

## Quorn Camp Raw Magnetometer Data

## Raw Data Schedule

Pro	ocesses: 1
1	Display Clip -15 +15

Sou	Source Grids: 25				
1	Col:0	Row:0	grids\01.xgd		
2	Col:0	Row:1	grids\02.xgd		
3	Col:0	Row:2	grids\03.xgd		
4	Col:0	Row:3	grids\04.xgd		
5	Col:0	Row:4	grids\05.xgd		
6	Col:1	Row:0	grids\06.xgd		
7	Col:1	Row:1	grids\07.xgd		
8	Col:1	Row:2	grids\08.xgd		
9	Col:1	Row:3	grids\09.xgd		
10	Col:1	Row:4	grids\10.xgd		
11	Col:2	Row:0	grids\11.xgd		
12	Col:2	Row:1	grids\12.xgd		
13	Col:2	Row:2	grids\13.xgd		
14	Col:2	Row:3	grids\14.xgd		
15	Col:2	Row:4	grids\15.xgd		
16	Col:3	Row:0	grids\16.xgd		
17	Col:3	Row:1	grids\17.xgd		
18	Col:3	Row:2	grids\18.xgd		
19	Col:3	Row:3	grids\19.xgd		
20	Col:3	Row:4	grids\20.xgd		
21	Col:4	Row:0	grids\21.xgd		
22	Col:4	Row:1	grids\22.xgd		
23	Col:4	Row:2	grids\23.xgd		
24	Col:4	Row:3	grids\24.xgd		
25	Col:4	Row:4	grids\25.xgd		

# Quorn Camp Processed Mag Data

Filename	Quorn 1 Pro -15 +15.xcp			
Description				
Instrument Type	Grad 601 (Gradiometer)			
Units	nT			
Direction of 1st Traverse	90 deg			
Collection Method	ZigZag			
Sensors	2 @ 1.00 m spacing.			
Dummy Value	2047.5			
Dimensions				
Composite Size (readings)	800 x 100			
Survey Size (meters)	100 m x 100 m			
Grid Size	20 m x 20 m			
X Interval	0.125 m			
Y Interval	1 m			
Stats				
Max	106.93			
Min	-102.89			
Std Dev	26.44			
Mean	-2.59			
Median	-0.07			
Composite Area	1 ha			
Surveyed Area	0.99285 ha			
Program				
Name	TerraSurveyor			
Version	3.0.33.6			

## Processed Data Schedule

Pro	cesses: 3
1	DeStripe Median Sensors: All Grids:
2	Display Clip -15 +15
3	Graduated Shade

# OASIS ID: suffolka1-316671

Project details		
Project name	Quorn Camp, Quorn, Leicestershire	
Short description of the project	Metal detecting survey undertaken within the grounds of Quorn House in an	
	area used by the military in WW2 as an army camp and later a prisoner of	
	war camp. A number of artefacts relating to these activities were recovered,	
	including dog-tags (US and German), munitions, and domestic items.	
Project dates	Start: 28-06-2017 End: 09-05-2018	
Previous/future work	No / No	
Type of project	Research project	
Current Land use	Grassland Heathland 5 - Character undetermined	
Monument type	NONE None	
Significant Finds	CARTRIDGE Modern	
	BUTTON Modern	
	CUTLERY Modern	
Investigation type	"Geophysical Survey","Systematic Metal Detector Survey"	
Prompt	Research	
Solid geology (other)	Gunthorpe Member Mudstone	
Drift geology (other)	Head clay, silt, sand and gravel	
Techniques	Magnetometry	
Project location		
Country	England	
Site location	LEICESTERSHIRE CHARNWOOD QUORNDON Quorn House Park (Quorn	
	Camp)	
Study area	8.6 Hectares	
Site coordinates	SK 5640 1592 52.737626654444 -1.164560180823 52 44 15 N 001 09 52 W	
	Point	
Project creators		
Name of Organisation	Suffolk Archaeology CIC	
Project brief originator	Not applicable - not under planning jurisdiction	
Project director	Stephen Taylor	
Project supervisor	Tim Schofield and Mark Sommers	
Type of sponsor/funding body	Client	
Project bibliography		
Publication type	Grey literature (unpublished document/manuscript)	

Title	Magnetometer and Metal Detector Survey Report: Quorn House, Quorn,
	Leicestershire World War 2 Treasure Hunters (Series 1, Episode 7)
Author(s)/Editor(s)	Schofield, T.,
	Sommers, M.,
	Taylor, S.
Other bibliographic details	SACIC Report No. 2017/120
Date	2018
Issuer or publisher	SACIC
Place of issue or publication	Needham Market
Description	Printed sheets of A4 paper with card covers and a wire binding
Entered by	MS (mark.sommers@suffolkarchaeology.co.uk)
Entered on	10 May 2018

Suffolk Archaeology CIC Unit 5 | Plot 11 | Maitland Road | Lion Barn Industrial Estate Needham Market | Suffolk | IP6 8NZ

Rhodri.Gardner@suffolkarchaeology.co.uk 01449 900120



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