

YCCCART 2017/Y12 A

**Terrain modelling compared with resistivity surveys off Ham Lane, Yatton.
(Mr Simmons 1 & 2)**

Appendix - Data

**YATTON, CONGRESBURY, CLAVERHAM AND CLEEVE ARCHAEOLOGICAL
RESEARCH TEAM (YCCCART)**



The Team

APPENDICES

SIMMONS 1

APPENDIX	GRID	PAGE
1	1 Nov 26	3
2	2 Nov 26	9
3	1 Jan 21	15
4	2 Jan 21	19
5	4 Apr 28	22

SIMMONS 2

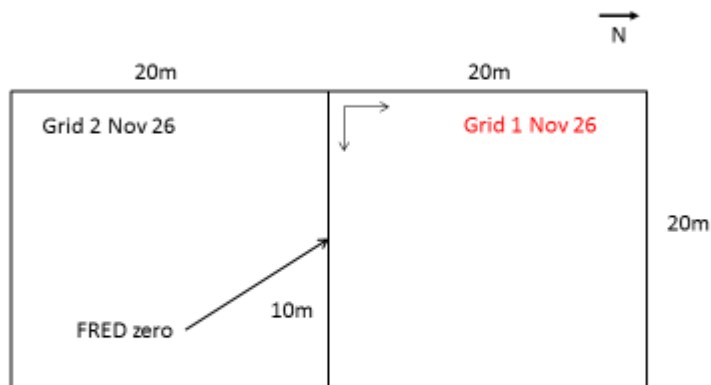
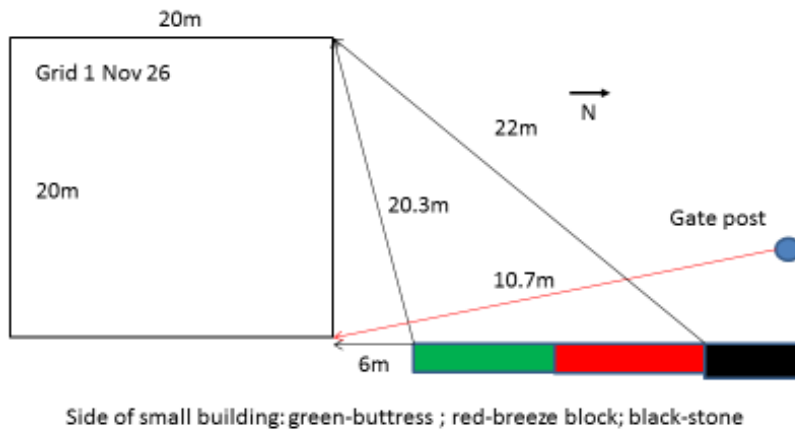
APPENDIX	GRID	PAGE
6	J2	27
7	J2A	32
8	J9	36
9	J9A	41
10	2 Jul 21	45

Appendix 1

Site Record

YCCCART Site Survey	
Project – Manual survey - Roman project	
Survey date	5/5/16; 26/5/16
Location	Ham Lane, Yatton
	Simmons 1
Site name	Grid 1 Nov 26
Reference	
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	20 x 20 m grid X axis, easterly, 21 columns @ 1 m intervals Y axis, northerly, 21 columns @ 1 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: 10 m along southern edge from SE corner of grid
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Ham Lane Surfer: Grid 1 Nov 26.xls Grid 1 Nov 26.rtf Grid 1 Nov 26.grd
Survey team and conditions	
Team	5/5/16: B Wills, G Pearson, C Nunn 26/5/16: B Wills, G Pearson, A Dimmock J Haines M Fox L Hale
Weather	5/5/16; 26/5/16: Sunny warm
Additional information	
Landowner	Mr R Simmons
Tenant	None
HER ref	TBC
Site type	Grass
Description	Large open field
Period	
Geology	
Land use	Grazing
Comments	
Report date	2/2/17
Author	G R Pearson

Plan



Electronic data

From Excel file

X m	Y m	Z mm						
0	0	-108	1	15	140	3	17	148
0	1	-115	1	16	161	3	18	143
0	2	-104	1	17	142	3	19	135
0	3	-81	1	18	116	3	20	82
0	4	-73	1	19	67	4	0	-83
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1	11	-17	3	5	-18	5	7	26
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			3	10	-13	5	12	-97
			3	11	-45	5	13	-109
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			3	13	-30	5	15	11
			3	14	31	5	16	50
			3	15	82	5	17	107
			3	16	119	5	18	119

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6	3	-4	8	8	-109	10	13	-10
6	4	7	8	9	-87	10	14	28
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6	6	-20	8	11	-54	10	16	76
6	7	-17	8	12	-22	10	17	82
6	8	-39	8	13	-8	10	18	73
6	9	56	8	14	30	10	19	71
6	10	82	8	15	26	10	20	63
6	11	117	8	16	70	11	0	-65
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7	0	-15	9	5	-126	11	10	-57
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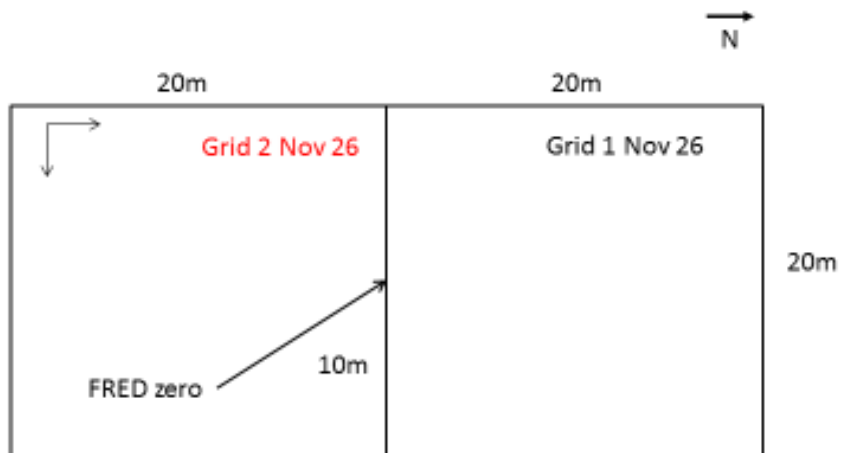
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13	8	-88	15	13	-10	17	18	-38
13	9	-94	15	14	4	17	19	-54
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14	10	-75	16	15	-16	18	20	-58
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19	8	-113	19	20	-61	20	11	-106
19	9	-109	20	0	-215	20	12	-86
19	10	-97	20	1	-195	20	13	-112
19	11	-80	20	2	-176	20	14	-97
19	12	-82	20	3	-193	20	15	-66
19	13	-76	20	4	-196	20	16	-94
19	14	-71	20	5	-214	20	17	-76
19	15	-76	20	6	-169	20	18	-101
19	16	-69	20	7	-153	20	19	-97
19	17	-67	20	8	-128	20	20	-100
19	18	-64	20	9	-139			

Appendix 2

Site Record

YCCCART Site Survey Project – Manual survey - Roman project	
Survey date	5/5/16; 26/5/16
Location	Ham Lane, Yatton
	Simmons 1
Site name	Grid 2 Nov 26
Reference	
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	20 x 20 m grid X axis, easterly, 21 columns @ 1 m intervals Y axis, northerly, 21 columns @ 1 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: 10 m along northern edge from NE corner of grid
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Ham Lane Surfer: Grid 2 Nov 26.xls Grid 2 Nov 26.rtf Grid 2 Nov 26.grd
Survey team and conditions	
Team	B Wills, C Nunn A Dimmock M Fox
Weather	Overcast, warm
Additional information	
Landowner	Mr R Simmons
Tenant	None
HER ref	TBC
Site type	Grass
Description	Large open field
Period	
Geology	
Land use	Grazing
Comments	
Report date	2/2/17
Author	G R Pearson

Plan

(See Grid 1 Nov 26 for position in field, appendix 1)

Electronic data

From Excel file

X m	Y m	Z mm						
0	0	56	1	17	-74	3	18	-33
0	1	82	1	18	-72	3	19	-67
0	2	66	1	19	-71	3	20	-83
0	3	38	1	20	-100	4	0	132
0	4	-20	2	0	110	4	1	143
0	5	-43	2	1	99	4	2	135
0	6	-43	2	2	111	4	3	112
0	7	-47	2	3	91	4	4	110
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1	0	103	2	17	-65	4	18	-46
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1	2	78	2	19	-75	4	20	-83
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1	9	0	3	5	48	5	6	5
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1	11	1	3	7	-42	5	8	-76
1	12	-1	3	8	-55	5	9	-88
1	13	-10	3	9	-53	5	10	-94
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			3	14	-25	5	15	-46
			3	15	-43	5	16	-22
			3	16	-66	5	17	-33
			3	17	-60	5	18	-15

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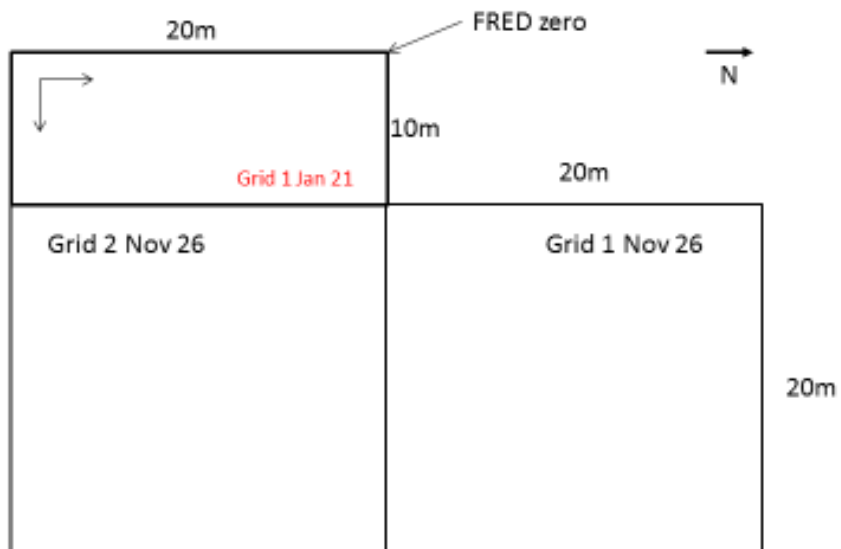
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13	13	-99	15	18	-206	18	2	-47
13	14	-126	15	19	-202	18	3	-46
13	15	-122	15	20	-200	18	4	-79
13	16	-109	16	0	-32	18	5	-82
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19	11	-38	20	2	-134	20	14	-110
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19	17	-220	20	8	-188	20	20	-215
19	18	-213	20	9	-165			

Appendix 3

Site Record

YCCCART Site Survey	
Project – Manual survey - Roman project	
Survey date	16/6/16
Location	Ham Lane, Yatton
	Simmons 1
Site name	Grid 1 Jan 21
Reference	
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	20 x 10 m grid X axis, easterly, 21 columns @ 1 m intervals Y axis, northerly, 11 columns @ 1 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: NW corner of grid
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Ham Lane Surfer: Grid 2 Jan 21.xls Grid 2 Jan 21.rtf Grid 2 Jan 21.grd
Survey team and conditions	
Team	B Wills, C Nunn A Dimmock M Fox G Pearson
Weather	Sunny
Additional information	
Landowner	Mr R Simmons
Tenant	None
HER ref	TBC
Site type	Grass
Description	Large open field
Period	
Geology	
Land use	Grazing
Comments	
Report date	5-2-17
Author	G R Pearson

Plan

Electronic data

From Excel file

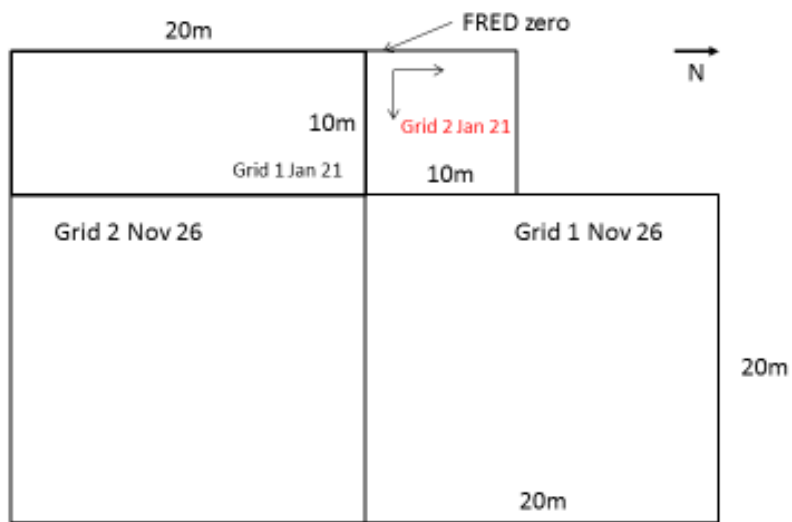
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0	3	-24	2	1	-142	4	2	-112
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0	5	-14	2	3	-44	4	4	-39
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0	12	-116	2	10	-12	4	11	-10
0	13	-101	2	11	-51	4	12	-39
0	14	-77	2	12	-52	4	13	-9
0	15	-54	2	13	-45	4	14	33
0	16	-56	2	14	-40	4	15	25
0	17	-31	2	15	-14	4	16	29
0	18	-22	2	16	-15	4	17	38
0	19	-6	2	17	-23	4	18	36
0	20	0	2	18	4	4	19	12
1	0	-154	2	19	1	4	20	35
1	1	-102	2	20	30	5	0	-3
1	2	-55	3	0	-35	5	1	-39
1	3	-48	3	1	-135	5	2	-115
1	4	-17	3	2	-133	5	3	-125
1	5	-25	3	3	-62	5	4	-72
1	6	-1	3	4	-54	5	5	-39
1	7	41	3	5	-14	5	6	-15
1	8	16	3	6	-31	5	7	15
1	9	27	3	7	-62	5	8	16
1	10	-16	3	8	-4	5	9	10
1	11	-81	3	9	-7	5	10	12
1	12	-102	3	10	-6	5	11	8
1	13	-86	3	11	-18	5	12	-2
1	14	-29	3	12	-33	5	13	-11
1	15	-49	3	13	-20	5	14	37
1	16	-36	3	14	-1	5	15	57
1	17	-37	3	15	18	5	16	44
			3	16	15	5	17	57
			3	17	-4	5	18	42
			3	18	13	5	19	15

5	20	23	7	14	42	9	8	6
6	0	29	7	15	38	9	9	31
6	1	17	7	16	54	9	10	63
6	2	-73	7	17	20	9	11	59
6	3	-132	7	18	24	9	12	22
6	4	-67	7	19	-5	9	13	30
6	5	-21	7	20	-6	9	14	30
6	6	15	8	0	29	9	15	-22
6	7	12	8	1	52	9	16	-56
6	8	21	8	2	20	9	17	-43
6	9	29	8	3	-44	9	18	-69
6	10	40	8	4	-73	9	19	-51
6	11	46	8	5	-62	9	20	-57
6	12	23	8	6	-17	10	0	57
6	13	54	8	7	12	10	1	87
6	14	55	8	8	29	10	2	85
6	15	66	8	9	29	10	3	53
6	16	57	8	10	42	10	4	-8
6	17	42	8	11	36	10	5	-28
6	18	19	8	12	8	10	6	-37
6	19	46	8	13	17	10	7	-28
6	20	21	8	14	26	10	8	-1
7	0	50	8	15	-17	10	9	26
7	1	27	8	16	-20	10	10	58
7	2	-30	8	17	-35	10	11	41
7	3	-100	8	18	-6	10	12	31
7	4	-124	8	19	-36	10	13	6
7	5	-45	8	20	-43	10	14	6
7	6	0	9	0	64	10	15	-14
7	7	20	9	1	71	10	16	-53
7	8	48	9	2	42	10	17	-61
7	9	22	9	3	0	10	18	-62
7	10	34	9	4	-66	10	19	-83
7	11	63	9	5	-22	10	20	-65
7	12	35	9	6	-25			
7	13	38	9	7	19			

Appendix 4

Site Record

YCCCART Site Survey	
Project – Manual survey - Roman project	
Survey date	16/6/16
Location	Ham Lane, Yatton
	Simmons 1
Site name	Grid 2 Jan 21
Reference	
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	10 x 10 m grid X axis, easterly, 11 columns @ 1 m intervals Y axis, northerly, 11 columns @ 1 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: SW corner of grid
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Ham Lane Surfer: Grid 1 Jan 21.xls Grid 1 Jan 21.rtf Grid 1 Jan 21.grd
Survey team and conditions	
Team	B Wills, C Nunn A Dimmock M Fox G Pearson
Weather	Sunny
Additional information	
Landowner	Mr R Simmons
Tenant	None
HER ref	TBC
Site type	Grass
Description	Large open field
Period	
Geology	
Land use	Grazing
Comments	
Report date	2/2/17
Author	G R Pearson

Plan

Electronic data

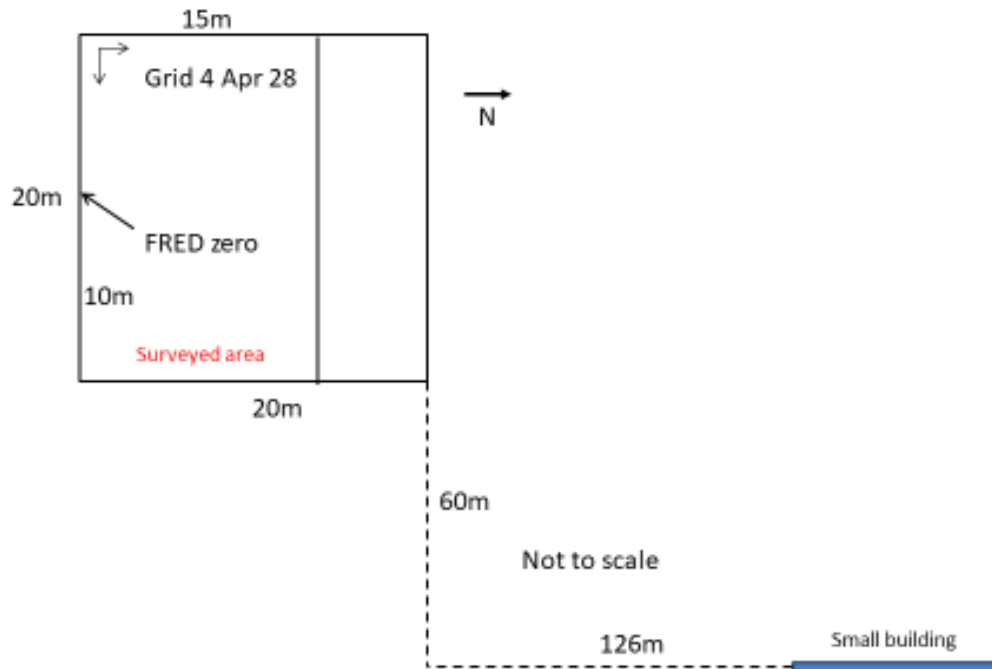
From Excel file

			3	5	69	7	6	18
			3	6	135	7	7	17
			3	7	174	7	8	85
			3	8	211	7	9	65
			3	9	233	7	10	145
			3	10	229	8	0	-43
x	y	z	4	0	35	8	1	-55
0	0	0	4	1	39	8	2	-49
0	1	16	4	2	21	8	3	-15
0	2	34	4	3	11	8	4	-26
0	3	118	4	4	13	8	5	2
0	4	145	4	5	47	8	6	20
0	5	207	4	6	72	8	7	15
0	6	200	4	7	151	8	8	-4
0	7	211	4	8	190	8	9	55
0	8	227	4	9	223	8	10	47
0	9	217	4	10	259	9	0	-57
0	10	229	5	0	23	9	1	-49
1	0	11	5	1	23	9	2	-61
1	1	7	5	2	20	9	3	-52
1	2	8	5	3	-9	9	4	-34
1	3	58	5	4	-3	9	5	-21
1	4	97	5	5	6	9	6	-6
1	5	166	5	6	42	9	7	6
1	6	178	5	7	102	9	8	-2
1	7	192	5	8	161	9	9	4
1	8	219	5	9	231	9	10	10
1	9	231	5	10	226	10	0	-65
1	10	225	6	0	21	10	1	-65
2	0	30	6	1	11	10	2	-75
2	1	25	6	2	-10	10	3	-36
2	2	20	6	3	-4	10	4	-24
2	3	35	6	4	-23	10	5	-8
2	4	63	6	5	-3	10	6	7
2	5	101	6	6	0	10	7	2
2	6	145	6	7	70	10	8	1
2	7	190	6	8	121	10	9	-8
2	8	242	6	9	174	10	10	-10
2	9	239	6	10	179			
2	10	244	7	0	-6			
3	0	24	7	1	-34			
3	1	27	7	2	-26			
3	2	19	7	3	-45			
3	3	8	7	4	-5			
3	4	0	7	5	3			

Appendix 5

Site Record

YCCCART Site Survey Project – Manual survey - Roman project	
Survey date	21/7/16; 28/7/16
Location	Ham Lane, Yatton
	Simmons 1
Site name	Grid 4 Apr 28
Reference	
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	20 x 15 m grid X axis, easterly, 21 columns @ 1 m intervals Y axis, northerly, 16 columns @ 1 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: 10m along southern edge of grid
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Ham Lane Surfer: Grid 4 Apr 28.xls Grid 4 Apr 28.rtf Grid 4 Apr 28.grd
Survey team and conditions	
Team	21/7/16; B Wills, A Dimmock G Pearson M Bews J Haines 28/7/16: B Wills, A Dimmock G Pearson M Fox M Arya
Weather	21/7/16; Cloudy bright 28/7/16; Cloudy dull (raining by end of recording)
Additional information	
Landowner	Mr R Simmons
Tenant	None
HER ref	TBC
Site type	Grass
Description	Large open field
Period	
Geology	
Land use	Grazing
Comments	
Report date	2/2/17
Author	G R Pearson

Plan

(For position in field see Grid 1 Nov 26, appendix 1)

Electronic data

From Excel file

X m	Y m	Z mm						
0	0	-160	2	5	-247	4	15	-272
0	1	-66	2	6	-342	5	0	25
0	2	-51	2	7	-402	5	1	61
0	3	-184	2	8	-321	5	2	46
0	4	-288	2	9	-247	5	3	14
0	5	-370	2	10	-225	5	4	-24
0	6	-361	2	11	-221	5	5	-83
0	7	-283	2	12	-208	5	6	-176
0	8	-245	2	13	-216	5	7	-271
0	9	-190	2	14	-219	5	8	-387
0	10	-195	2	15	-226	5	9	-448
0	11	-160	3	0	-13	5	10	-382
0	12	-177	3	1	3	5	11	-305
0	13	-192	3	2	-3	5	12	-279
0	14	-199	3	3	-83	5	13	-275
0	15	-179	3	4	-98	5	14	-285
1	0	-27	3	5	-203	5	15	-270
1	1	-50	3	6	-301	6	0	9
1	2	-52	3	7	-399	6	1	36
1	3	-134	3	8	-406	6	2	52
1	4	-219	3	9	-309	6	3	19
1	5	-321	3	10	-250	6	4	-43
1	6	-395	3	11	-228	6	5	-108
1	7	-324	3	12	-243	6	6	-203
1	8	-264	3	13	-244	6	7	-306
1	9	-220	3	14	-243	6	8	-404
1	10	-201	3	15	-249	6	9	-468
1	11	-204	4	0	-4	6	10	-444
1	12	-211	4	1	31	6	11	-375
1	13	-212	4	2	12	6	12	-326
1	14	-187	4	3	3	6	13	-342
1	15	-217	4	4	-65	6	14	-321
2	0	11	4	5	-159	6	15	-330
2	1	1	4	6	-233	7	0	12
2	2	-46	4	7	-348	7	1	36
2	3	-90	4	8	-426	7	2	38
2	4	-172	4	9	-366	7	3	3
			4	10	-287	7	4	-46
			4	11	-261	7	5	-104
			4	12	-266	7	6	-172
			4	13	-249	7	7	-258
			4	14	-250	7	8	-338

7	9	-478	10	6	-159	13	3	-318
7	10	-494	10	7	-232	13	4	-383
7	11	-470	10	8	-306	13	5	-382
7	12	-372	10	9	-383	13	6	-393
7	13	-359	10	10	-420	13	7	-337
7	14	-358	10	11	-471	13	8	-324
7	15	-346	10	12	-469	13	9	-291
8	0	8	10	13	-440	13	10	-276
8	1	22	10	14	-438	13	11	-264
8	2	17	10	15	-400	13	12	-306
8	3	-10	11	0	-46	13	13	-408
8	4	-50	11	1	-28	13	14	-485
8	5	-85	11	2	-26	13	15	-478
8	6	-137	11	3	-66	14	0	-192
8	7	-228	11	4	-97	14	1	-265
8	8	-282	11	5	-156	14	2	-361
8	9	-371	11	6	-237	14	3	-447
8	10	-487	11	7	-300	14	4	-455
8	11	-487	11	8	-335	14	5	-459
8	12	-446	11	9	-384	14	6	-373
8	13	-429	11	10	-397	14	7	-330
8	14	-376	11	11	-385	14	8	-273
8	15	-365	11	12	-416	14	9	-243
9	0	0	11	13	-474	14	10	-238
9	1	8	11	14	-465	14	11	-261
9	2	-3	11	15	-456	14	12	-308
9	3	-10	12	0	-75	14	13	-418
9	4	-49	12	1	-60	14	14	-493
9	5	-82	12	2	-91	14	15	-495
9	6	-128	12	3	-172	15	0	-304
9	7	-210	12	4	-236	15	1	-417
9	8	-290	12	5	-284	15	2	-503
9	9	-393	12	6	-344	15	3	-544
9	10	-461	12	7	-347	15	4	-503
9	11	-516	12	8	-330	15	5	-428
9	12	-479	12	9	-353	15	6	-322
9	13	-432	12	10	-329	15	7	-270
9	14	-398	12	11	-309	15	8	-198
9	15	-382	12	12	-339	15	9	-213
10	0	-16	12	13	-427	15	10	-246
10	1	-3	12	14	-467	15	11	-325
10	2	-11	12	15	-488	15	12	-408
10	3	-38	13	0	-110	15	13	-464
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10	5	-90	13	2	-224	15	15	-457

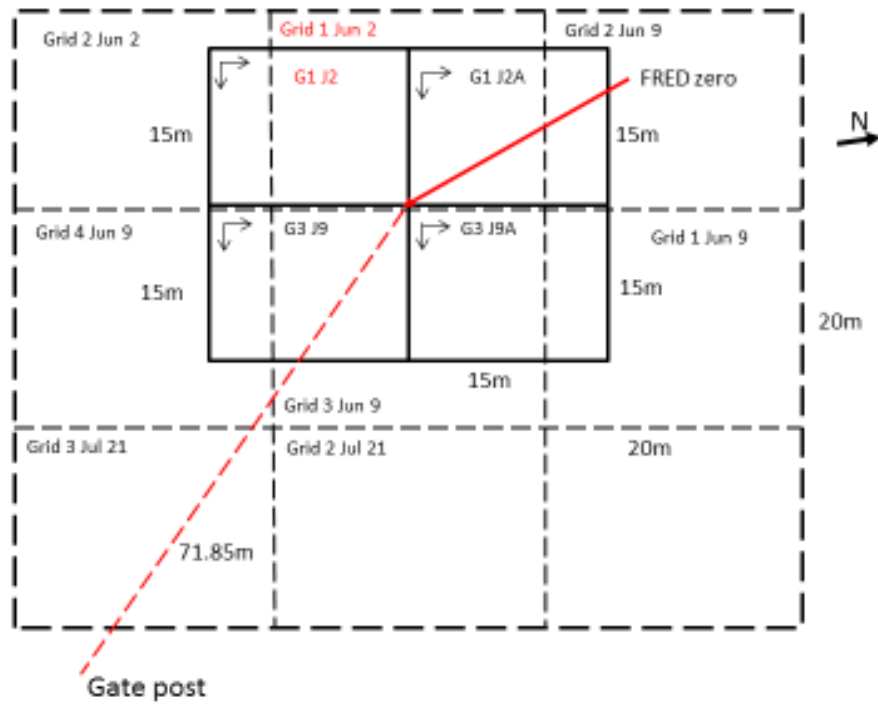
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16	3	-483	18	7	-280	20	11	-307
16	4	-430	18	8	-342	20	12	-291
16	5	-321	18	9	-416	20	13	-297
16	6	-255	18	10	-452	20	14	-318
16	7	-197	18	11	-407	20	15	-314
16	8	-217	18	12	-343			
16	9	-258	18	13	-326			
16	10	-322	18	14	-312			
16	11	-414	18	15	-337			
16	12	-459	19	0	-555			
16	13	-434	19	1	-588			
16	14	-406	19	2	-533			
16	15	-417	19	3	-477			
17	0	-460	19	4	-391			
17	1	-483	19	5	-316			
17	2	-542	19	6	-320			
17	3	-447	19	7	-374			
17	4	-351	19	8	-442			
17	5	-274	19	9	-447			
17	6	-204	19	10	-396			
17	7	-196	19	11	-337			
17	8	-250	19	12	-315			
17	9	-333	19	13	-314			
17	10	-383	19	14	-308			
17	11	-442	19	15	-335			
17	12	-426	20	0	-579			
17	13	-370	20	1	-584			
17	14	-334	20	2	-497			
17	15	-362	20	3	-484			
18	0	-498	20	4	-475			
18	1	-524	20	5	-437			
18	2	-539	20	6	-428			
18	3	-425	20	7	-466			

Appendix 6

Site Record

YCCCART Site Survey Project – Manual survey - Roman project	
Survey date	8/9/16; 15/9/16
Location	Ham Lane, Yatton
	Simmons 2
Site name	Grid 1 Jun 2 (G1 J2)
Reference	
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	15 x 15 m grid X axis, easterly, 16 columns @ 1 m intervals Y axis, northerly, 16 columns @ 1 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: NE corner of grid
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Ham Lane Surfer: Grid 1 Jun 2.xls Grid 1 Jun 2.rtf Grid 1 Jun 2.grd
Survey team and conditions	
Team	8/9/16; B Wills, A Dimmock G Pearson M Fox 15/9/16: B Wills, G Pearson M Fox D Walker
Weather	8/9/16; Warm windy 15/8/16; Sunny warm
Additional information	
Landowner	Mr R Simmons
Tenant	None
HER ref	TBC
Site type	Grass
Description	Large open field
Period	
Geology	
Land use	Grazing
Comments	
Report date	3/5/17
Author	G R Pearson

Plan



Electronic data

From Excel file			2	4	-112	4	11	-126
			2	5	-113	4	12	-122
X m	Y m	Z mm	2	6	-125	4	13	-170
0	0	-232	2	7	-117	4	14	-113
0	1	-175	2	8	-121	4	15	-26
0	2	-128	2	9	-148	5	0	-331
0	3	-79	2	10	-120	5	1	-305
0	4	-84	2	11	-123	5	2	-297
0	5	-105	2	12	-118	5	3	-201
0	6	-108	2	13	-117	5	4	-137
0	7	-130	2	14	-62	5	5	-97
0	8	-136	2	15	-38	5	6	-81
0	9	-125	3	0	-264	5	7	-64
0	10	-63	3	1	-258	5	8	-82
0	11	-129	3	2	-218	5	9	-80
0	12	-126	3	3	-160	5	10	-83
0	13	-95	3	4	-118	5	11	-119
0	14	-56	3	5	-114	5	12	-127
0	15	-64	3	6	-105	5	13	-196
1	0	-206	3	7	-123	5	14	-157
1	1	-199	3	8	-125	5	15	-83
1	2	-154	3	9	-131	6	0	-368
1	3	-114	3	10	-140	6	1	-345
1	4	-101	3	11	-127	6	2	-312
1	5	-119	3	12	-146	6	3	-234
1	6	-109	3	13	-149	6	4	-147
1	7	-136	3	14	-92	6	5	-94
1	8	-147	3	15	-46	6	6	-53
1	9	-139	4	0	-301	6	7	-52
1	10	-117	4	1	-273	6	8	-53
1	11	-102	4	2	-268	6	9	-64
1	12	-148	4	3	-192	6	10	-80
1	13	-83	4	4	-137	6	11	-109
1	14	-51	4	5	-92	6	12	-118
1	15	-55	4	6	-103	6	13	-197
2	0	-229	4	7	-78	6	14	-225
2	1	-229	4	8	-108	6	15	-141
2	2	-178	4	9	-111	7	0	-366
2	3	-131	4	10	-127	7	1	-350

7	2	-361	9	15	-212	12	12	9
7	3	-289	10	0	-230	12	13	-1
7	4	-171	10	1	-254	12	14	-15
7	5	-127	10	2	-290	12	15	-45
7	6	-60	10	3	-315	13	0	-108
7	7	-36	10	4	-291	13	1	-106
7	8	-33	10	5	-197	13	2	-130
7	9	-31	10	6	-125	13	3	-177
7	10	-51	10	7	-78	13	4	-200
7	11	-64	10	8	-42	13	5	-297
7	12	-84	10	9	-1	13	6	-311
7	13	-141	10	10	5	13	7	-201
7	14	-216	10	11	-18	13	8	-130
7	15	-160	10	12	-19	13	9	-68
8	0	-322	10	13	-38	13	10	-40
8	1	-350	10	14	-68	13	11	-14
8	2	-307	10	15	-145	13	12	15
8	3	-326	11	0	-183	13	13	-8
8	4	-278	11	1	-192	13	14	-6
8	5	-150	11	2	-240	13	15	-33
8	6	-86	11	3	-245	14	0	-73
8	7	-56	11	4	-330	14	1	-125
8	8	-19	11	5	-281	14	2	-101
8	9	-26	11	6	-171	14	3	-149
8	10	-19	11	7	-105	14	4	-173
8	11	-43	11	8	-53	14	5	-287
8	12	-46	11	9	-16	14	6	-302
8	13	-96	11	10	11	14	7	-233
8	14	-145	11	11	5	14	8	-169
8	15	-214	11	12	-11	14	9	-102
9	0	-278	11	13	-13	14	10	-79
9	1	-322	11	14	-26	14	11	-19
9	2	-327	11	15	-73	14	12	4
9	3	-346	12	0	-144	14	13	10
9	4	-272	12	1	-157	14	14	12
9	5	-170	12	2	-181	14	15	-16
9	6	-110	12	3	-225	15	0	-66
9	7	-45	12	4	-298	15	1	-60
9	8	-15	12	5	-287	15	2	-85
9	9	-2	12	6	-217	15	3	-119
9	10	10	12	7	-151	15	4	-141
9	11	-10	12	8	-83	15	5	-251
9	12	-47	12	9	-40	15	6	-296
9	13	-60	12	10	-9	15	7	-261
9	14	-125	12	11	2	15	8	-230

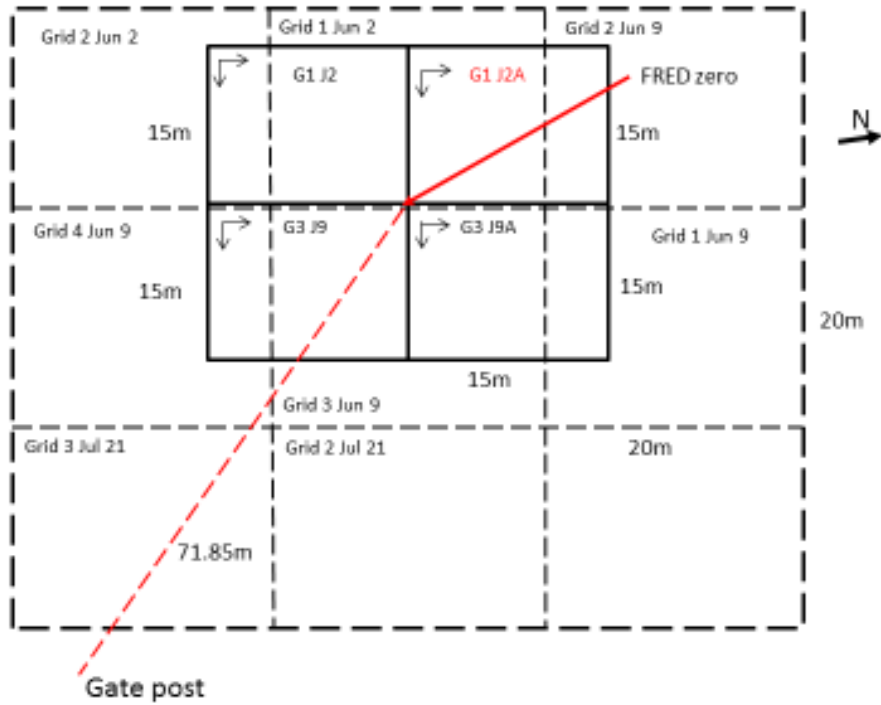
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15	11	-33	15	14	-9			

Appendix 7

Site Record

YCCCART Site Survey	
Project – Manual survey - Roman project	
Survey date	27/10/16
Location	Ham Lane, Yatton
	Simmons 2
Site name	Grid 1 Jun 2 (G1 J2A)
Reference	
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	15 x 15 m grid X axis, easterly, 16 columns @ 1 m intervals Y axis, northerly, 16 columns @ 1 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: SE corner of grid
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Ham Lane Surfer: Grid 1 Jun 2A.xls Grid 1 Jun 2A.rtf Grid 1 Jun 2A.grd
Survey team and conditions	
Team	A Dimmock G Pearson C Nunn G Bohannon
Weather	Sunny mild
Additional information	
Landowner	Mr R Simmons
Tenant	None
HER ref	TBC
Site type	Grass
Description	Large open field
Period	
Geology	
Land use	Grazing
Comments	
Report date	3/5/17
Author	G R Pearson

Plan



Electronic data

From Excel file

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0	4	-21	2	12	71	5	9	41
0	5	-3	2	13	61	5	10	-47
0	6	0	2	14	40	5	11	-13
0	7	28	2	15	34	5	12	59
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0	14	38	3	6	36	6	3	30
0	15	27	3	7	37	6	4	44
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1	1	-53	3	9	-11	6	6	45
1	2	-38	3	10	-36	6	7	29
1	3	-31	3	11	29	6	8	32
1	4	-20	3	12	50	6	9	37
1	5	0	3	13	63	6	10	3
1	6	3	3	14	51	6	11	-30
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1	9	-65	4	1	-32	6	14	76
1	10	24	4	2	-38	6	15	81
1	11	61	4	3	3	7	0	-174
1	12	49	4	4	25	7	1	-87
1	13	35	4	5	27	7	2	-32
1	14	52	4	6	41	7	3	11
1	15	27	4	7	37	7	4	30
2	0	-51	4	8	45	7	5	51
2	1	-26	4	9	-11	7	6	60
2	2	-35	4	10	-36	7	7	23
2	3	5	4	11	29	7	8	9
2	4	5	4	12	50	7	9	24
2	5	6	4	13	63	7	10	-4
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2	7	11	4	15	57	7	12	22
			5	0	-66	7	13	62
			5	1	-44	7	14	68
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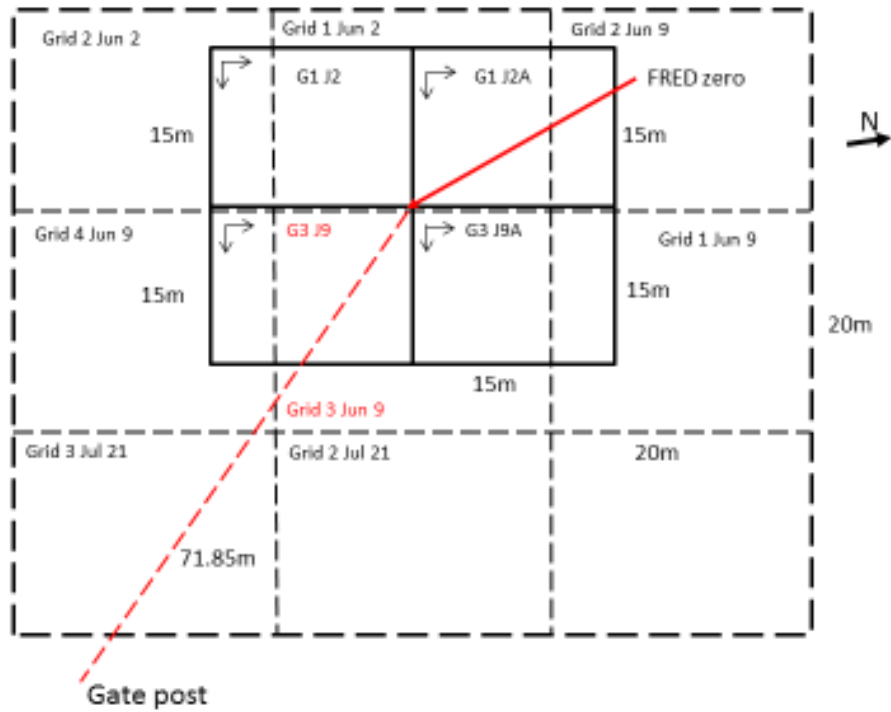
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8	6	40	11	1	-179	13	12	-31
8	7	36	11	2	-118	13	13	-90
8	8	21	11	3	-82	13	14	-6
8	9	5	11	4	-45	13	15	21
8	10	18	11	5	-13	14	0	-20
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8	12	-1	11	7	1	14	2	-141
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9	3	-16	11	14	36	14	9	-26
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9	5	30	12	0	-80	14	11	-14
9	6	39	12	1	-130	14	12	1
9	7	20	12	2	-132	14	13	-75
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9	11	-9	12	6	-38	15	1	-47
9	12	-56	12	7	-4	15	2	-101
9	13	36	12	8	-16	15	3	-91
9	14	86	12	9	-8	15	4	-74
9	15	80	12	10	-6	15	5	-97
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10	1	-186	12	12	-67	15	7	-103
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10	3	-50	12	14	15	15	9	-21
10	4	-11	12	15	51	15	10	-8
10	5	0	13	0	-58	15	11	7
10	6	12	13	1	-99	15	12	-4
10	7	4	13	2	-125	15	13	-31
10	8	9	13	3	-95	15	14	-77
10	9	-4	13	4	-118	15	15	-37
10	10	-15	13	5	-91			
10	11	-18	13	6	-87			
10	12	45	13	7	-22			

Appendix 8

Site Record

YCCCART Site Survey	
Project – Manual survey - Roman project	
Survey date	3/11/16
Location	Ham Lane, Yatton
	Simmons 2
Site name	Grid 3 Jun 9 (G3 J9)
Reference	
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	15 x 15 m grid X axis, easterly, 16 columns @ 1 m intervals Y axis, northerly, 16 columns @ 1 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: NW corner of grid
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Ham Lane Surfer: Grid 3 Jun 9.xls Grid 3 Jun 9.rtf Grid 3 Jun 9.grd
Survey team and conditions	
Team	C Nunn G Bohannon B Wills M fox
Weather	Bright cool
Additional information	
Landowner	Mr R Simmons
Tenant	None
HER ref	TBC
Site type	Grass
Description	Large open field
Period	
Geology	
Land use	Grazing
Comments	
Report date	3/5/17
Author	G R Pearson

Plan



Electronic data

From Excel file

X m	Y m	Z mm						
0	0	-66	2	4	-83	4	13	-89
0	1	-62	2	5	-94	4	14	-25
0	2	-69	2	6	-198	4	15	-14
0	3	-98	2	7	-262	5	0	-32
0	4	-128	2	8	-220	5	1	-22
0	5	-190	2	9	-283	5	2	15
0	6	-287	2	10	-242	5	3	15
0	7	-267	2	11	-148	5	4	20
0	8	-256	2	12	-70	5	5	-10
0	9	-165	2	13	-14	5	6	-25
0	10	-95	2	14	-6	5	7	-94
0	11	-42	2	15	4	5	8	-163
0	12	-9	3	0	-20	5	9	-154
0	13	0	3	1	-20	5	10	-241
0	14	1	3	2	-16	5	11	-275
0	15	0	3	3	-36	5	12	-248
1	0	-40	3	4	-58	5	13	-170
1	1	-42	3	5	-53	5	14	-84
1	2	-42	3	6	-126	5	15	-51
1	3	-86	3	7	-225	6	0	-36
1	4	-106	3	8	-238	6	1	-5
1	5	-148	3	9	-236	6	2	7
1	6	-259	3	10	-289	6	3	20
1	7	-289	3	11	-215	6	4	21
1	8	-221	3	12	-103	6	5	24
1	9	-239	3	13	-41	6	6	2
1	10	-137	3	14	-6	6	7	-47
1	11	-56	3	15	-8	6	8	-141
1	12	-24	4	0	-19	6	9	-116
1	13	-3	4	1	-30	6	10	-156
1	14	13	4	2	-19	6	11	-269
1	15	2	4	3	-4	6	12	-268
2	0	-32	4	4	-17	6	13	-234
2	1	-27	4	5	-43	6	14	-139
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2	3	-60	4	7	-176	7	0	-9
			4	8	-174	7	1	-4
			4	9	-213	7	2	3
			4	10	-275	7	3	10
			4	11	-256	7	4	30
			4	12	-192	7	5	24

7	6	-8	10	3	24	13	0	-38
7	7	0	10	4	26	13	1	-48
7	8	-121	10	5	50	13	2	-33
7	9	-109	10	6	55	13	3	-25
7	10	-88	10	7	37	13	4	-23
7	11	-193	10	8	38	13	5	7
7	12	-286	10	9	-77	13	6	1
7	13	-305	10	10	-112	13	7	7
7	14	-226	10	11	-87	13	8	-29
7	15	-121	10	12	-152	13	9	-38
8	0	-8	10	13	-258	13	10	-163
8	1	5	10	14	-348	13	11	-232
8	2	16	10	15	-342	13	12	-225
8	3	47	11	0	-29	13	13	-258
8	4	38	11	1	-23	13	14	-325
8	5	24	11	2	-5	13	15	-368
8	6	-8	11	3	27	14	0	-68
8	7	0	11	4	18	14	1	-53
8	8	-121	11	5	50	14	2	-64
8	9	-109	11	6	48	14	3	-72
8	10	-88	11	7	47	14	4	-56
8	11	-193	11	8	19	14	5	-60
8	12	-286	11	9	-49	14	6	-55
8	13	-305	11	10	-141	14	7	-55
8	14	-226	11	11	-103	14	8	-89
8	15	-121	11	12	-160	14	9	-110
9	0	-10	11	13	-231	14	10	-200
9	1	-14	11	14	-344	14	11	-285
9	2	14	11	15	-404	14	12	-288
9	3	29	12	0	-26	14	13	-315
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9	5	61	12	2	-9	14	15	-374
9	6	57	12	3	-10	15	0	-69
9	7	60	12	4	2	15	1	-81
9	8	0	12	5	5	15	2	-94
9	9	-121	12	6	3	15	3	-103
9	10	-77	12	7	23	15	4	-117
9	11	-113	12	8	-4	15	5	-114
9	12	-225	12	9	-30	15	6	-130
9	13	-327	12	10	-169	15	7	-142
9	14	-348	12	11	-147	15	8	-165
9	15	-299	12	12	-172	15	9	-203
10	0	-10	12	13	-248	15	10	-239
10	1	-14	12	14	-328	15	11	-319
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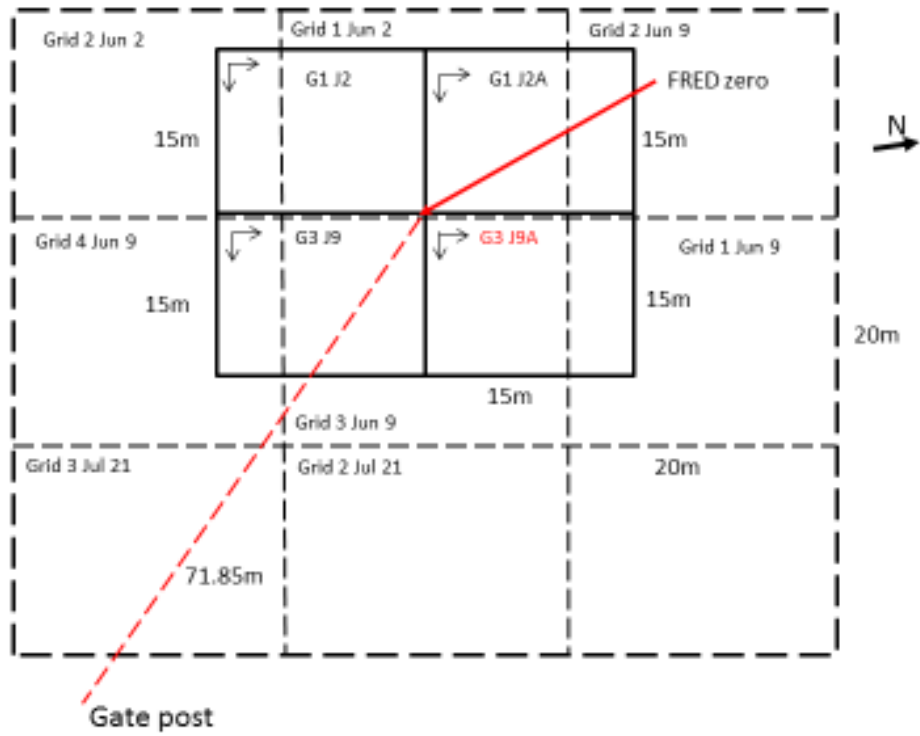
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Appendix 9

Site Record

YCCCART Site Survey	
Project – Manual survey - Roman project	
Survey date	27/10/16
Location	Ham Lane, Yatton
	Simmons 2
Site name	Grid 3 Jun 9 (G3 J9A)
Reference	
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	15 x 15 m grid X axis, easterly, 16 columns @ 1 m intervals Y axis, northerly, 16 columns @ 1 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: SW corner of grid
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Ham Lane Surfer: Grid 3 Jun 9A.xls Grid 3 Jun 9A.rtf Grid 3 Jun 9A.grd
Survey team and conditions	
Team	A Dimmock G Pearson C Nunn G Bohannon
Weather	Sunny mild
Additional information	
Landowner	Mr R Simmons
Tenant	None
HER ref	TBC
Site type	Grass
Description	Large open field
Period	
Geology	
Land use	Grazing
Comments	
Report date	3/5/17
Author	G R Pearson

Plan



Electronic data

From Excel file

X m	Y m	Z mm						
0	0	0	2	7	-69	5	3	-29
0	1	-47	2	8	-46	5	4	-125
0	2	-101	2	9	-12	5	5	-51
0	3	-91	2	10	6	5	6	-10
0	4	-74	2	11	27	5	7	-6
0	5	-97	2	12	17	5	8	-5
0	6	-121	2	13	1	5	9	-2
0	7	-103	2	14	-99	5	10	5
0	8	-57	2	15	-109	5	11	-4
0	9	-21	3	0	-13	5	12	3
0	10	-8	3	1	-13	5	13	10
0	11	7	3	2	-28	5	14	-6
0	12	-4	3	3	-96	5	15	-60
0	13	-31	3	4	-66	6	0	-61
0	14	-77	3	5	-15	6	1	-33
0	15	-37	3	6	-27	6	2	-34
1	0	3	3	7	-19	6	3	-31
1	1	-17	3	8	-4	6	4	-113
1	2	-77	3	9	8	6	5	-61
1	3	-131	3	10	-3	6	6	-17
1	4	-65	3	11	6	6	7	-1
1	5	-81	3	12	6	6	8	0
1	6	-81	3	13	-37	6	9	-5
1	7	-94	3	14	-47	6	10	13
1	8	-46	3	15	-113	6	11	11
1	9	-23	4	0	-23	6	12	-7
1	10	11	4	1	-7	6	13	0
1	11	23	4	2	-17	6	14	1
1	12	23	4	3	-67	6	15	-41
1	13	2	4	4	-108	7	0	-119
1	14	-102	4	5	-37	7	1	-75
1	15	-67	4	6	-37	7	2	-56
2	0	-6	4	7	-16	7	3	-47
2	1	-4	4	8	-12	7	4	-102
2	2	-51	4	9	10	7	5	-132
2	3	-129	4	10	1	7	6	-48
2	4	-85	4	11	-2	7	7	-27
2	5	-41	4	12	-15	7	8	-16
2	6	-52	4	13	-12	7	9	7
			4	14	-22	7	10	16
			4	15	-77	7	11	19
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			5	1	-4	7	13	13
			5	2	-20	7	14	16

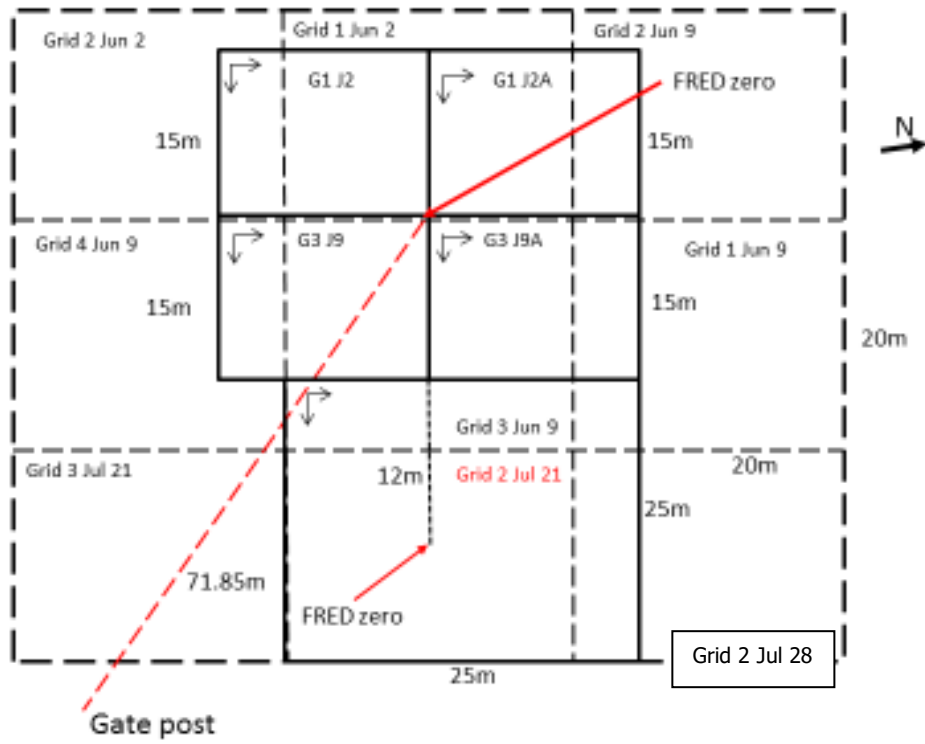
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8	3	-86	10	15	6	13	11	47
8	4	-97	11	0	-398	13	12	56
8	5	-157	11	1	-343	13	13	56
8	6	-86	11	2	-245	13	14	32
8	7	-35	11	3	-171	13	15	22
8	8	8	11	4	-106	14	0	-384
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8	12	12	11	8	20	14	4	-300
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8	15	-10	11	11	44	14	7	-170
9	0	-313	11	12	58	14	8	-76
9	1	-205	11	13	43	14	9	25
9	2	-171	11	14	30	14	10	36
9	3	-125	11	15	11	14	11	31
9	4	-132	12	0	-409	14	12	60
9	5	-160	12	1	-389	14	13	52
9	6	-117	12	2	-306	14	14	39
9	7	-26	12	3	-216	14	15	13
9	8	-8	12	4	-113	15	0	-372
9	9	9	12	5	-108	15	1	-390
9	10	7	12	6	-163	15	2	-419
9	11	23	12	7	-115	15	3	-387
9	12	4	12	8	-15	15	4	-318
9	13	4	12	9	30	15	5	-211
9	14	14	12	10	34	15	6	-114
9	15	2	12	11	38	15	7	-163
10	0	-351	12	12	65	15	8	-147
10	1	-275	12	13	34	15	9	-34
10	2	-187	12	14	12	15	10	5
10	3	-123	12	15	16	15	11	34
10	4	-117	13	0	-366	15	12	42
10	5	-137	13	1	-409	15	13	40
10	6	-123	13	2	-349	15	14	27
10	7	-7	13	3	-302	15	15	18
10	8	2	13	4	-244			
10	9	19	13	5	-218			
10	10	17	13	6	-205			

Appendix 10

Site Record

YCCCART Site Survey	
Project – Manual survey - Roman project	
Survey date	10/11/16
Location	Ham Lane, Yatton
	Simmons 2
Site name	Grid 2 Jul 21
Reference	
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	25 x 25 m grid X axis, easterly, 14 columns @ 2 m intervals Y axis, northerly, 14 columns @ 2 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: 15m S of N edge of grid; 12m E
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Ham Lane Surfer: Grid 2 Jul 21.xls Grid 2 Jul 21.rtf Grid 2 Jul 21.grd
Survey team and conditions	
Team	A Dimmock G Pearson M Fox B Wills
Weather	Sunny cold
Additional information	
Landowner	Mr R Simmons
Tenant	None
HER ref	TBC
Site type	Grass
Description	Large open field
Period	
Geology	
Land use	Grazing
Comments	
Report date	3/5/17
Author	G R Pearson

Plan



Electronic data

From Excel file

			4	18	79	10	18	97
			4	20	143	10	20	191
			4	22	193	10	22	196
			4	24	202	10	24	205
Xm	Ym	Zmm	4	25	222	10	25	174
	0	0	6	0	-201	12	0	-55
	0	2	6	2	-265	12	2	-115
	0	4	6	4	-180	12	4	-206
	0	6	6	6	-14	12	6	-276
	0	8	6	8	58	12	8	-135
	0	10	6	10	78	12	10	-10
	0	12	6	12	67	12	12	68
	0	14	6	14	50	12	14	99
	0	16	6	16	0	12	16	108
	0	18	6	18	112	12	18	68
	0	20	6	20	176	12	20	182
	0	22	6	22	203	12	22	197
	0	24	6	24	180	12	24	169
	0	25	6	25	209	12	25	163
	2	0	8	0	-158	14	0	-20
	2	2	8	2	-270	14	2	-46
	2	4	8	4	-251	14	4	-123
	2	6	8	6	-124	14	6	-270
	2	8	8	8	35	14	8	-268
	2	10	8	10	38	14	10	-53
	2	12	8	12	65	14	12	27
	2	14	8	14	49	14	14	102
	2	16	8	16	53	14	16	101
	2	18	8	18	134	14	18	101
	2	20	8	20	178	14	20	124
	2	22	8	22	222	14	22	177
	2	24	8	24	184	14	24	148
	2	25	8	25	193	14	25	145
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	4	2	10	2	-187	16	2	-28
	4	4	10	4	-274	16	4	-63
	4	6	10	6	-245	16	6	-132
	4	8	10	8	-27	16	8	-262
	4	10	10	10	50	16	10	-170
	4	12	10	12	68	16	12	-18
	4	14	10	14	75	16	14	60
	4	16	10	16	101	16	16	69

16	18	54	20	12	-207	24	6	-82
16	20	40	20	14	-126	24	8	-114
16	22	128	20	16	-42	24	10	-211
16	24	107	20	18	-37	24	12	-295
16	25	98	20	20	-18	24	14	-290
18	0	-14	20	22	-54	24	16	-187
18	2	0	20	24	-96	24	18	-142
18	4	-57	20	25	-167	24	20	-205
18	6	-104	22	0	-63	24	22	-292
18	8	-189	22	2	-51	24	24	-286
18	10	-257	22	4	-18	24	25	-305
18	12	-105	22	6	-56	25	0	-139
18	14	-28	22	8	-102	25	2	-71
18	16	28	22	10	-232	25	4	-98
18	18	30	22	12	-253	25	6	-88
18	20	30	22	14	-214	25	8	-123
18	22	61	22	16	-130	25	10	-177
18	24	21	22	18	-80	25	12	-295
18	25	9	22	20	-89	25	14	-296
20	0	-15	22	22	-183	25	16	-241
20	2	-13	22	24	-236	25	18	-187
20	4	-14	22	25	-284	25	20	-262
20	6	-49	24	0	-122	25	22	-311
20	8	-86	24	2	-69	25	24	-303
20	10	-260	24	4	-63	25	25	-279