

**YCCCART 2014/Y19
North Somerset HER 2014/048**

**Cadbury Congresbury Hill Fort: Use of an electronic, hydrostatic level as an
aid to manual surveying.**

Appendices 3 - 11

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

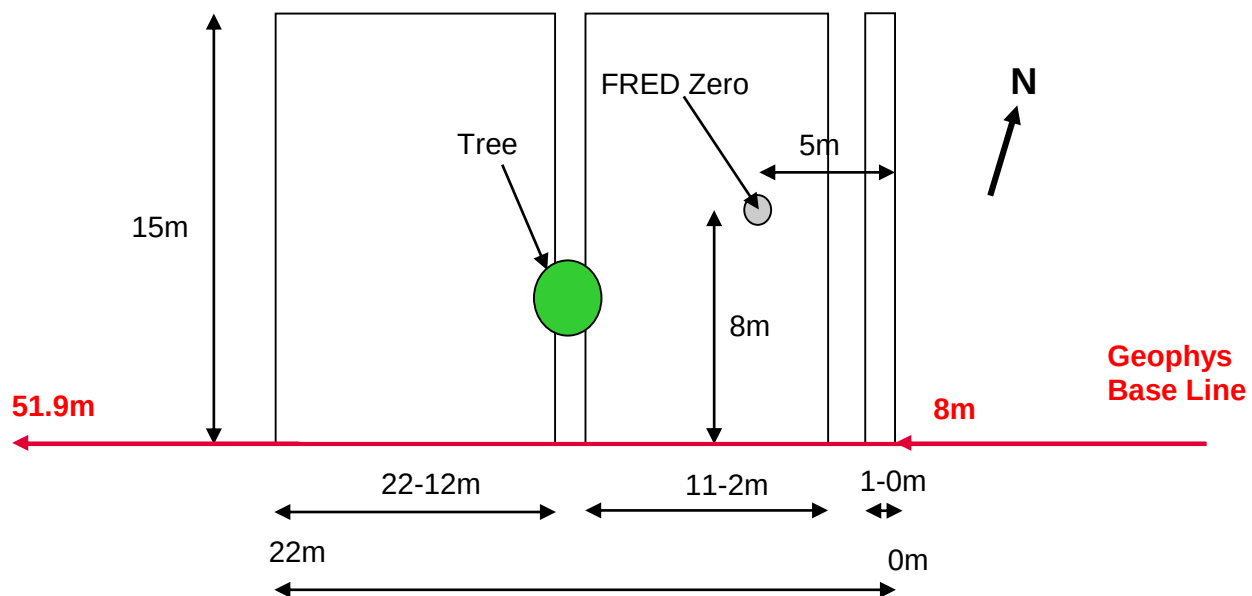
Appendix 3

Site 1. North 'D' enclosure

Site Record

YCCCART Site Survey Project – Cadbury Hill Fort	
Survey date	14 th April; 5 th , 12 th May 2011
Location	Southern end of NE ramparts
Site name	North 'D' enclosure
Reference	From manual base line (see plan)
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	22 x 17m grid X axis: (Dir westerly) 22 rows @ 1m intervals Y axis: (Dir northerly) 35 rows @ 0.5m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: set at 8m northerly and 15 m westerly from baseline
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Cad North D Surfer: Cad North D.xls Cad North D.rtf Cad North D.grd Cad North D.srf
Survey team and conditions	
Team	Brian Wills, Geoff Pearson, Maggie Rosevink, Unsal Hassan, Brian Bradbury, Janet Burdge
Weather	Fine and sunny
Additional information	
Landowner	N. Somerset
Tenant	N/A
HER ref	TBC
Site type	
Description	Unmown grass/scrub
Period	
Geology	
Land use	
Comments	Feature covered by vegetation; tree in centre.
Report date	5 th August, 2012
Author	Geoff Pearson

Plan



Recorded data

Ym	Xm	Zm mod
0	0.0	-1.583
0	0.5	-1.539
0	1.0	-1.279

0	1.5	-1.203
0	2.0	-1.110
0	2.5	-1.009
0	3.0	-0.970
0	3.5	-0.873
0	4.0	-0.761
0	4.5	-0.769
0	5.0	-0.759
0	5.5	-0.751
0	6.0	-0.760
0	6.5	-0.747
0	7.0	-0.701
0	7.5	-0.655
0	8.0	-0.618
0	8.5	-0.622
0	9.0	-0.603
0	9.5	-0.630
0	10.0	-0.604
0	10.5	-0.590
0	11.0	-0.537
0	11.5	-0.543
0	12.0	-0.520
0	12.5	-0.477
0	13.0	-0.457
0	13.5	-0.430
0	14.0	-0.437
0	14.5	-0.402
0	15.0	-0.328
0	15.5	-0.268
0	16.0	-0.172
0	16.5	-0.147
0	17.0	-0.191
1	0.0	-1.417
1	0.5	-1.290
1	1.0	-1.128
1	1.5	-1.003
1	2.0	-0.896
1	2.5	-0.820
1	3.0	-0.766
1	3.5	-0.722
1	4.0	-0.659
1	4.5	-0.627
1	5.0	-0.618
1	5.5	-0.578
1	6.0	-0.532
1	6.5	-0.519
1	7.0	-0.491
1	7.5	-0.448
1	8.0	-0.423
1	8.5	-0.365
1	9.0	-0.372
1	9.5	-0.328
1	10.0	-0.397
1	10.5	-0.434

1	11.0	-0.432
1	11.5	-0.432
1	12.0	-0.408
1	12.5	-0.372
1	13.0	-0.343
1	13.5	-0.331
1	14.0	-0.297
1	14.5	-0.248
1	15.0	-0.178
1	15.5	0.037
1	16.0	0.063
1	16.5	0.104
1	17.0	-0.025
2	0.0	-1.294
2	0.5	-1.140
2	1.0	-1.040
2	1.5	-0.954
2	2.0	-0.806
2	2.5	-0.727
2	3.0	-0.628
2	3.5	-0.613
2	4.0	-0.561
2	4.5	-0.493
2	5.0	-0.451
2	5.5	-0.418
2	6.0	-0.383
2	6.5	-0.372
2	7.0	-0.328
2	7.5	-0.303
2	8.0	-0.286
2	8.5	-0.251
2	9.0	-0.217
2	9.5	-0.215
2	10.0	-0.239
2	10.5	-0.280
2	11.0	-0.329
2	11.5	-0.304
2	12.0	-0.317
2	12.5	-0.257
2	13.0	-0.229
2	13.5	-0.197
2	14.0	-0.144
2	14.5	-0.026
2	15.0	0.011
2	15.5	0.137
2	16.0	0.281
2	16.5	0.292
2	17.0	0.219
3	0.0	-1.117
3	0.5	-1.044
3	1.0	-0.924
3	1.5	-0.794
3	2.0	-0.675
3	2.5	-0.621

3	3.0	-0.546
3	3.5	-0.469
3	4.0	-0.396
3	4.5	-0.331
3	5.0	-0.305
3	5.5	-0.256
3	6.0	-0.196
3	6.5	-0.169
3	7.0	-0.129
3	7.5	-0.131
3	8.0	-0.097
3	8.5	-0.064
3	9.0	-0.020
3	9.5	-0.017
3	10.0	-0.018
3	10.5	-0.008
3	11.0	-0.029
3	11.5	-0.036
3	12.0	-0.020
3	12.5	-0.023
3	13.0	0.002
3	13.5	0.032
3	14.0	0.067
3	14.5	0.158
3	15.0	0.230
3	15.5	0.360
3	16.0	0.423
3	16.5	0.428
3	17.0	0.515
4	0.0	-0.962
4	0.5	-0.745
4	1.0	-0.680
4	1.5	-0.606
4	2.0	-0.535
4	2.5	-0.422
4	3.0	-0.347
4	3.5	-0.203
4	4.0	-0.161
4	4.5	-0.130
4	5.0	-0.086
4	5.5	-0.081
4	6.0	-0.103
4	6.5	-0.049
4	7.0	-0.022
4	7.5	-0.003
4	8.0	0.010
4	8.5	0.044
4	9.0	0.084
4	9.5	0.122
4	10.0	0.130
4	10.5	0.175
4	11.0	0.218
4	11.5	0.246
4	12.0	0.277

4	12.5	0.241
4	13.0	0.240
4	13.5	0.279
4	14.0	0.375
4	14.5	0.428
4	15.0	0.473
4	15.5	0.516
4	16.0	0.599
4	16.5	0.642
4	17.0	0.611
5	0.0	-0.854
5	0.5	-0.679
5	1.0	-0.495
5	1.5	-0.474
5	2.0	-0.378
5	2.5	-0.320
5	3.0	-0.226
5	3.5	-0.156
5	4.0	-0.123
5	4.5	-0.068
5	5.0	-0.051
5	5.5	-0.001
5	6.0	0.023
5	6.5	-0.008
5	7.0	-0.035
5	7.5	-0.029
5	8.0	-0.013
5	8.5	0.022
5	9.0	0.062
5	9.5	0.112
5	10.0	0.187
5	10.5	0.266
5	11.0	0.333
5	11.5	0.402
5	12.0	0.462
5	12.5	0.613
5	13.0	0.727
5	13.5	0.561
5	14.0	0.645
5	14.5	0.679
5	15.0	0.760
5	15.5	0.778
5	16.0	0.843
5	16.5	0.814
5	17.0	0.814
6	0.0	-0.688
6	0.5	-0.498
6	1.0	-0.416
6	1.5	-0.367
6	2.0	-0.295
6	2.5	-0.248
6	3.0	-0.188
6	3.5	-0.125
6	4.0	-0.056

6	4.5	-0.038
6	5.0	-0.019
6	5.5	0.007
6	6.0	0.029
6	6.5	0.003
6	7.0	-0.011
6	7.5	-0.022
6	8.0	-0.003
6	8.5	0.023
6	9.0	0.055
6	9.5	0.081
6	10.0	0.135
6	10.5	0.226
6	11.0	0.301
6	11.5	0.367
6	12.0	0.436
6	12.5	0.577
6	13.0	0.617
6	13.5	0.671
6	14.0	0.719
6	14.5	0.749
6	15.0	0.763
6	15.5	0.775
6	16.0	0.782
6	16.5	0.781
6	17.0	0.735
7	0.0	-0.446
7	0.5	-0.412
7	1.0	-0.246
7	1.5	-0.235
7	2.0	-0.185
7	2.5	0.148
7	3.0	0.096
7	3.5	0.055
7	4.0	0.011
7	4.5	0.083
7	5.0	0.055
7	5.5	0.051
7	6.0	0.100
7	6.5	0.119
7	7.0	0.120
7	7.5	0.106
7	8.0	0.068
7	8.5	0.105
7	9.0	0.124
7	9.5	0.114
7	10.0	0.190
7	10.5	0.312
7	11.0	0.433
7	11.5	0.489
7	12.0	0.619
7	12.5	0.667
7	13.0	0.692
7	13.5	0.690

7	14.0	0.674
7	14.5	0.668
7	15.0	0.633
7	15.5	0.625
7	16.0	0.618
7	16.5	0.611
7	17.0	0.611
8	0.0	-0.312
8	0.5	-0.333
8	1.0	-0.173
8	1.5	-0.144
8	2.0	-0.119
8	2.5	-0.083
8	3.0	-0.024
8	3.5	0.025
8	4.0	0.107
8	4.5	0.187
8	5.0	0.183
8	5.5	0.138
8	6.0	0.144
8	6.5	0.147
8	7.0	0.159
8	7.5	0.172
8	8.0	0.156
8	8.5	0.149
8	9.0	0.148
8	9.5	0.191
8	10.0	0.244
8	10.5	0.365
8	11.0	0.487
8	11.5	0.618
8	12.0	0.654
8	12.5	0.654
8	13.0	0.610
8	13.5	0.600
8	14.0	0.591
8	14.5	0.558
8	15.0	0.546
8	15.5	0.521
8	16.0	0.517
8	16.5	0.526
8	17.0	0.518
9	0.0	-0.181
9	0.5	-0.171
9	1.0	-0.092
9	1.5	-0.060
9	2.0	-0.020
9	2.5	0.046
9	3.0	0.123
9	3.5	0.151
9	4.0	0.236
9	4.5	0.310
9	5.0	0.297
9	5.5	0.230

9	6.0	0.216
9	6.5	0.207
9	7.0	0.212
9	7.5	0.217
9	8.0	0.206
9	8.5	0.237
9	9.0	0.235
9	9.5	0.325
9	10.0	0.414
9	10.5	0.556
9	11.0	0.642
9	11.5	0.655
9	12.0	0.634
9	12.5	0.637
9	13.0	0.613
9	13.5	0.568
9	14.0	0.570
9	14.5	0.546
9	15.0	0.511
9	15.5	0.494
9	16.0	0.504
9	16.5	0.496
9	17.0	0.490
10	0.0	-0.049
10	0.5	-0.001
10	1.0	-0.031
10	1.5	0.081
10	2.0	0.134
10	2.5	0.191
10	3.0	0.272
10	3.5	0.292
10	4.0	0.361
10	4.5	0.412
10	5.0	0.398
10	5.5	0.340
10	6.0	0.241
10	6.5	0.293
10	7.0	0.275
10	7.5	0.256
10	8.0	0.315
10	8.5	0.307
10	9.0	0.356
10	9.5	0.492
10	10.0	0.619
10	10.5	0.694
10	11.0	0.618
10	11.5	0.637
10	12.0	0.588
10	12.5	0.562
10	13.0	0.591
10	13.5	0.580
10	14.0	0.559
10	14.5	0.536
10	15.0	0.524

10	15.5	0.527
10	16.0	0.523
10	16.5	0.506
10	17.0	0.510
11	0.0	0.067
11	0.5	0.124
11	1.0	0.070
11	1.5	0.149
11	2.0	0.198
11	2.5	0.265
11	3.0	0.352
11	3.5	0.443
11	4.0	0.519
11	4.5	0.550
11	5.0	0.460
11	5.5	0.372
11	6.0	0.309
11	6.5	0.307
11	7.0	0.371
11	7.5	0.423
11	8.0	0.381
11	8.5	0.426
11	9.0	0.516
11	9.5	0.625
11	10.0	0.696
11	10.5	0.672
11	11.0	0.672
11	11.5	0.657
11	12.0	0.636
11	12.5	0.622
11	13.0	0.604
11	13.5	0.592
11	14.0	0.582
11	14.5	0.579
11	15.0	0.585
11	15.5	0.573
11	16.0	0.574
11	16.5	0.565
11	17.0	0.588
12	0.0	0.167
12	0.5	0.174
12	1.0	0.183
12	1.5	0.212
12	2.0	0.271
12	2.5	0.326
12	3.0	0.373
12	3.5	0.494
12	4.0	0.586
12	4.5	0.695
12	5.0	0.599
12	5.5	0.526
12	6.0	0.477
12	6.5	0.609
12	7.0	0.569

12	7.5	0.570
12	8.0	0.638
12	8.5	0.641
12	9.0	0.728
12	9.5	0.766
12	10.0	0.761
12	10.5	0.727
12	11.0	0.689
12	11.5	0.659
12	12.0	0.662
12	12.5	0.675
12	13.0	0.662
12	13.5	0.644
12	14.0	0.645
12	14.5	0.647
12	15.0	0.651
12	15.5	0.650
12	16.0	0.645
12	16.5	0.650
12	17.0	0.697
13	0.0	0.328
13	0.5	0.263
13	1.0	0.249
13	1.5	0.235
13	2.0	0.309
13	2.5	0.358
13	3.0	0.417
13	3.5	0.494
13	4.0	0.583
13	4.5	0.655
13	5.0	0.731
13	5.5	0.650
13	6.0	0.593
13	6.5	0.600
13	7.0	0.613
13	7.5	0.661
13	8.0	0.722
13	8.5	0.794
13	9.0	0.854
13	9.5	0.820
13	10.0	0.774
13	10.5	0.741
13	11.0	0.725
13	11.5	0.723
13	12.0	0.722
13	12.5	0.723
13	13.0	0.727
13	13.5	0.704
13	14.0	0.704
13	14.5	0.703
13	15.0	0.706
13	15.5	0.706
13	16.0	0.710
13	16.5	0.732

13	17.0	0.744
14	0.0	0.320
14	0.5	0.325
14	1.0	0.328
14	1.5	0.331
14	2.0	0.405
14	2.5	0.411
14	3.0	0.485
14	3.5	0.535
14	4.0	0.564
14	4.5	0.595
14	5.0	0.581
14	5.5	0.657
14	6.0	0.647
14	6.5	0.656
14	7.0	0.676
14	7.5	0.755
14	8.0	0.837
14	8.5	0.948
14	9.0	0.952
14	9.5	0.908
14	10.0	0.847
14	10.5	0.808
14	11.0	0.809
14	11.5	0.793
14	12.0	0.771
14	12.5	0.762
14	13.0	0.766
14	13.5	0.773
14	14.0	0.771
14	14.5	0.765
14	15.0	0.780
14	15.5	0.818
14	16.0	0.834
14	16.5	0.798
14	17.0	0.837
15	0.0	0.349
15	0.5	0.417
15	1.0	0.389
15	1.5	0.399
15	2.0	0.474
15	2.5	0.489
15	3.0	0.541
15	3.5	0.550
15	4.0	0.577
15	4.5	0.603
15	5.0	0.648
15	5.5	0.641
15	6.0	0.684
15	6.5	0.799
15	7.0	0.830
15	7.5	0.900
15	8.0	1.001
15	8.5	1.012

15	9.0	1.004
15	9.5	0.962
15	10.0	0.903
15	10.5	0.866
15	11.0	0.864
15	11.5	0.850
15	12.0	0.840
15	12.5	0.830
15	13.0	0.832
15	13.5	0.826
15	14.0	0.833
15	14.5	0.862
15	15.0	0.857
15	15.5	0.869
15	16.0	0.889
15	16.5	0.877
15	17.0	0.880
16	0.0	0.413
16	0.5	0.471
16	1.0	0.445
16	1.5	0.471
16	2.0	0.495
16	2.5	0.538
16	3.0	0.551
16	3.5	0.571
16	4.0	0.615
16	4.5	0.675
16	5.0	0.731
16	5.5	0.709
16	6.0	0.753
16	6.5	0.793
16	7.0	0.911
16	7.5	0.996
16	8.0	1.048
16	8.5	1.059
16	9.0	1.029
16	9.5	0.962
16	10.0	0.916
16	10.5	0.900
16	11.0	0.873
16	11.5	0.858
16	12.0	0.870
16	12.5	0.889
16	13.0	0.921
16	13.5	0.938
16	14.0	0.948
16	14.5	0.948
16	15.0	0.950
16	15.5	0.963
16	16.0	0.975
16	16.5	0.985
16	17.0	1.026
17	0.0	0.452
17	0.5	0.463

17	1.0	0.491
17	1.5	0.526
17	2.0	0.536
17	2.5	0.554
17	3.0	0.582
17	3.5	0.661
17	4.0	0.698
17	4.5	0.742
17	5.0	0.792
17	5.5	0.832
17	6.0	0.858
17	6.5	0.912
17	7.0	0.972
17	7.5	1.029
17	8.0	1.026
17	8.5	1.023
17	9.0	1.010
17	9.5	0.978
17	10.0	0.967
17	10.5	0.930
17	11.0	0.908
17	11.5	0.934
17	12.0	0.957
17	12.5	0.988
17	13.0	1.020
17	13.5	0.998
17	14.0	1.006
17	14.5	1.035
17	15.0	1.084
17	15.5	1.130
17	16.0	1.166
17	16.5	1.201
17	17.0	1.205
18	0.0	0.482
18	0.5	0.467
18	1.0	0.522
18	1.5	0.562
18	2.0	0.569
18	2.5	0.605
18	3.0	0.661
18	3.5	0.726
18	4.0	0.786
18	4.5	0.790
18	5.0	0.840
18	5.5	0.897
18	6.0	0.937
18	6.5	0.991
18	7.0	1.007
18	7.5	1.034
18	8.0	1.055
18	8.5	1.038
18	9.0	1.036
18	9.5	1.065
18	10.0	0.992

18	10.5	0.991
18	11.0	1.004
18	11.5	1.027
18	12.0	1.092
18	12.5	1.068
18	13.0	1.091
18	13.5	1.109
18	14.0	1.172
18	14.5	1.220
18	15.0	1.270
18	15.5	1.279
18	16.0	1.300
18	16.5	1.330
18	17.0	1.334
19	0.0	0.517
19	0.5	0.503
19	1.0	0.556
19	1.5	0.580
19	2.0	0.588
19	2.5	0.616
19	3.0	0.677
19	3.5	0.748
19	4.0	0.799
19	4.5	0.828
19	5.0	0.861
19	5.5	0.927
19	6.0	0.965
19	6.5	0.985
19	7.0	1.035
19	7.5	1.069
19	8.0	1.111
19	8.5	1.126
19	9.0	1.097
19	9.5	1.046
19	10.0	1.027
19	10.5	1.070
19	11.0	1.104
19	11.5	1.122
19	12.0	1.180
19	12.5	1.168
19	13.0	1.203
19	13.5	1.253
19	14.0	1.274
19	14.5	1.324
19	15.0	1.360
19	15.5	1.385
19	16.0	1.409
19	16.5	1.432
19	17.0	1.406
20	0.0	0.559
20	0.5	0.558
20	1.0	0.579
20	1.5	0.586
20	2.0	0.578

10	2.5	0.609
20	3.0	0.662
20	3.5	0.716
20	4.0	0.774
20	4.5	0.807
20	5.0	0.773
20	5.5	0.799
20	6.0	0.892
20	6.5	0.989
20	7.0	1.038
20	7.5	1.108
20	8.0	1.161
20	8.5	1.166
20	9.0	1.126
20	9.5	1.107
20	10.0	1.122
20	10.5	1.135
20	11.0	1.158
10	11.5	1.182
20	12.0	1.207
20	12.5	1.220
20	13.0	1.250
20	13.5	1.291
20	14.0	1.331
20	14.5	1.381
20	15.0	1.406
20	15.5	1.420
20	16.0	1.423
20	16.5	1.467
20	17.0	1.515
21	0.0	0.590
21	0.5	0.575
21	1.0	0.599
21	1.5	0.592
21	2.0	0.573
21	2.5	0.610
21	3.0	0.638
21	3.5	0.670
21	4.0	0.702
21	4.5	0.693
21	5.0	0.696
21	5.5	0.762
21	6.0	0.868
21	6.5	0.955
21	7.0	1.007
21	7.5	1.079
21	8.0	1.140
21	8.5	1.166
21	9.0	1.166
21	9.5	1.174
21	10.0	1.183
21	10.5	1.152
21	11.0	1.209
21	11.5	1.230

21	12.0	1.271
21	12.5	1.309
21	13.0	1.334
21	13.5	1.360
21	14.0	1.403
21	14.5	1.447
21	15.0	1.499
21	15.5	1.543
21	16.0	1.565
21	16.5	1.612
21	17.0	1.640
22	0.0	0.699
22	0.5	0.591
22	1.0	0.638
22	1.5	0.632
22	2.0	0.617
22	2.5	0.636
22	3.0	0.633
22	3.5	0.649
22	4.0	0.680
22	4.5	0.684
22	5.0	0.732
22	5.5	0.761
22	6.0	0.837
22	6.5	0.904
22	7.0	1.023
22	7.5	1.113
22	8.0	1.188
22	8.5	1.249
22	9.0	1.273
22	9.5	1.238
22	10.0	1.241
22	10.5	1.276
22	11.0	1.309
22	11.5	1.317
22	12.0	1.357
22	12.5	1.385
22	13.0	1.399
22	13.5	1.419
22	14.0	1.483
22	14.5	1.518
22	15.0	1.590
22	15.5	1.641
22	16.0	1.685
22	16.5	1.737
22	17.0	1.780

Appendix 4

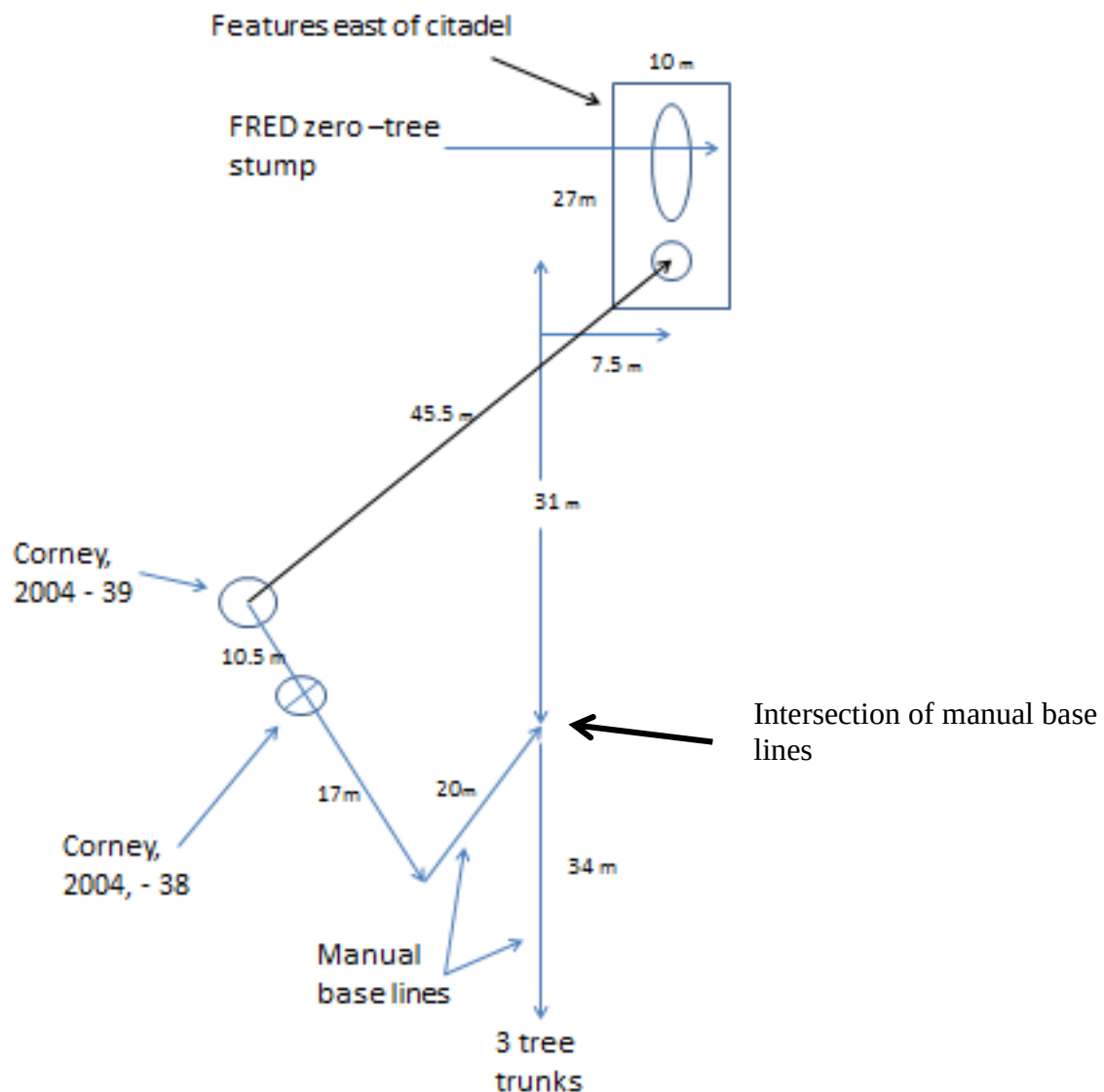
Site 2 Features adjacent to citadel

Site Record

YCCCART Site Survey Project – Manual survey – Cadbury Hill Fort	
Survey date	8 th march, 2012
Location	Mid area of hill fort
Site name	Features adjacent to citadel (See Plan)
Reference	See GPS results (See Plan)
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	10 x 27 m grid X axis, Southerly 11 columns @ 1 m intervals Y axis, Northerly 28 columns @ 1 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: set in centre of feature at FRED Zero see GPS results below
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Cadbury - Features adjacent to citadel Surfer: Cadbury - Features adjacent to citadel.xls Cadbury - Features adjacent to citadel.grd Cadbury - Features adjacent to citadel.rtf Cadbury - Features adjacent to citadel.srf
Survey team and conditions	
Team	Unsal Hassan, Brian Wills, Maggie Rosevink, Brian Bradbury, Janet Burdge, Robert Cleland
Weather	Sunny
Additional information	
Landowner	N Somerset, etc
Tenant	N/A
HER ref	TBC
Site type	Open land
Description	Unmown grass/scrub
Period	
Geology	
Land use	
Report date	13 th August, 2012
Author	Geoff Pearson

Plan

Relationship of features adjacent to citadel (Corney,2004, site 10), and features 38 and 39 (Corney,2004). Surveyed January, 2014



GPS results

Centre of feature 39: E 344216.9, N 164973.0;

Centre of feature 38: E 344205.6, N 164981.9

Intersection of manual base lines: E 344186.7, N 164968.2

3 Tree trunks: E 344179.5, N 164999.0

Centre of small circular area in features east of citadel: E 344186.1, N 164935.5

Recorded data

x [m]	y [m]	z [mm]	z mod [m]
0	0	43	0.043
0	1	7	0.007
0	2	-187	-0.187
0	3	-166	-0.166
0	4	-286	-0.286

0	5	-277	-0.277
0	6	-290	-0.29
0	7	-361	-0.361
0	8	-475	-0.475
0	9	-481	-0.481
0	10	-523	-0.523
0	11	-549	-0.549
0	12	-613	-0.613
0	13	-653	-0.653
0	14	-621	-0.621
0	15	-628	-0.628
0	16	-647	-0.647
0	17	-638	-0.638
0	18	-767	-0.767
0	19	-721	-0.721
0	20	-705	-0.705
0	21	-827	-0.827
0	22	-996	-0.996
0	23	-1047	-1.047
0	24	-1099	-1.099
0	25	-1202	-1.202
0	26	-1361	-1.361
0	26.8	-1453	-1.453
1	0	-62	-0.062
1	1	-37	-0.037
1	2	2	0.002
1	3	-27	-0.027
1	4	-165	-0.165
1	5	-175	-0.175
1	6	-186	-0.186
1	7	-195	-0.195
1	8	-267	-0.267
1	9	-342	-0.342
1	10	-413	-0.413
1	11	-375	-0.375
1	12	-462	-0.462
1	13	-449	-0.449
1	14	-473	-0.473
1	15	-454	-0.454
1	16	-581	-0.581
1	17	-587	-0.587
1	18	-600	-0.6
1	19	-675	-0.675
1	20	-800	-0.8
1	21	-883	-0.883

1	22	-934	-0.934
1	23	-970	-0.97
1	24	-1038	-1.038
1	25	-1147	-1.147
1	26	-1294	-1.294
1	26.8	-1422	-1.422
2	0	-128	-0.128
2	1	-126	-0.126
2	2	-49	-0.049
2	3	-30	-0.03
2	4	-54	-0.054
2	5	-18	-0.018
2	6	-81	-0.081
2	7	-138	-0.138
2	8	-223	-0.223
2	9	-233	-0.233
2	10	-430	-0.43
2	11	-249	-0.249
2	12	-262	-0.262
2	13	-345	-0.345
2	14	-324	-0.324
2	15	-302	-0.302
2	16	-412	-0.412
2	17	-524	-0.524
2	18	-625	-0.625
2	19	-700	-0.7
2	20	-771	-0.771
2	21	-834	-0.834
2	22	-839	-0.839
2	23	-849	-0.849
2	24	-921	-0.921
2	25	-1050	-1.05
2	26	-1264	-1.264
2	26.8	-1397	-1.397
3	0	-107	-0.107
3	1	-122	-0.122
3	2	-116	-0.116
3	3	-111	-0.111
3	4	-155	-0.155
3	5	-170	-0.17
3	6	-206	-0.206
3	7	-228	-0.228
3	8	-235	-0.235
3	9	-197	-0.197
3	10	-242	-0.242

3	11	-217	-0.217
3	12	-256	-0.256
3	13	-290	-0.29
3	14	-315	-0.315
3	15	-312	-0.312
3	16	-367	-0.367
3	17	-475	-0.475
3	18	-616	-0.616
3	19	-718	-0.718
3	20	-781	-0.781
3	21	-890	-0.89
3	22	-949	-0.949
3	23	-903	-0.903
3	24	-872	-0.872
3	25	-1042	-1.042
3	26	-1243	-1.243
3	26.8	-1421	-1.421
4	0	-221	-0.221
4	1	-160	-0.16
4	2	-150	-0.15
4	3	-172	-0.172
4	4	-237	-0.237
4	5	-320	-0.32
4	6	-396	-0.396
4	7	-430	-0.43
4	8	-379	-0.379
4	9	-262	-0.262
4	10	-336	-0.336
4	11	-286	-0.286
4	12	-320	-0.32
4	13	-288	-0.288
4	14	-226	-0.226
4	15	-232	-0.232
4	16	-301	-0.301
4	17	-452	-0.452
4	18	-619	-0.619
4	19	-744	-0.744
4	20	-783	-0.783
4	21	-936	-0.936
4	22	-1033	-1.033
4	23	-1001	-1.001
4	24	-921	-0.921
4	25	-1047	-1.047
4	26	-1205	-1.205
4	26.8	-1374	-1.374

5	0	-443	-0.443
5	1	-182	-0.182
5	2	-168	-0.168
5	3	-250	-0.25
5	4	-349	-0.349
5	5	-441	-0.441
5	6	-539	-0.539
5	7	-575	-0.575
5	8	-576	-0.576
5	9	-513	-0.513
5	10	-436	-0.436
5	11	-442	-0.442
5	12	-431	-0.431
5	13	-371	-0.371
5	14	-226	-0.226
5	15	-168	-0.168
5	16	-265	-0.265
5	17	-469	-0.469
5	18	-624	-0.624
5	19	-716	-0.716
5	20	-755	-0.755
5	21	-869	-0.869
5	22	-957	-0.957
5	23	-912	-0.912
5	24	-840	-0.84
5	25	-895	-0.895
5	26	-1136	-1.136
5	26.8	-1399	-1.399
6	0	-719	-0.719
6	1	-400	-0.4
6	2	-218	-0.218
6	3	-222	-0.222
6	4	-332	-0.332
6	5	-443	-0.443
6	6	-543	-0.543
6	7	-609	-0.609
6	8	-632	-0.632
6	9	-569	-0.569
6	10	-520	-0.52
6	11	-490	-0.49
6	12	-506	-0.506
6	13	-434	-0.434
6	14	-310	-0.31
6	15	-225	-0.225
6	16	-247	-0.247

6	17	-370	-0.37
6	18	-563	-0.563
6	19	-731	-0.731
6	20	-741	-0.741
6	21	-774	-0.774
6	22	-846	-0.846
6	23	-852	-0.852
6	24	-782	-0.782
6	25	-870	-0.87
6	26	-1163	-1.163
6	26.8	-1386	-1.386
7	0	-997	-0.997
7	1	-575	-0.575
7	2	-315	-0.315
7	3	-193	-0.193
7	4	-197	-0.197
7	5	-290	-0.29
7	6	-418	-0.418
7	7	-555	-0.555
7	8	-605	-0.605
7	9	-568	-0.568
7	10	-489	-0.489
7	11	-478	-0.478
7	12	-482	-0.482
7	13	-436	-0.436
7	14	-299	-0.299
7	15	-203	-0.203
7	16	-317	-0.317
7	17	-425	-0.425
7	18	-553	-0.553
7	19	-743	-0.743
7	20	-808	-0.808
7	21	-828	-0.828
7	22	-809	-0.809
7	23	-732	-0.732
7	24	-732	-0.732
7	25	-932	-0.932
7	26	-1173	-1.173
7	26.8	-1417	-1.417
8	0	-1251	-1.251
8	1	-899	-0.899
8	2	-588	-0.588
8	3	-350	-0.35
8	4	-188	-0.188
8	5	-375	-0.375

8	6	-386	-0.386
8	7	-416	-0.416
8	8	-526	-0.526
8	9	-493	-0.493
8	10	-433	-0.433
8	11	-434	-0.434
8	12	-458	-0.458
8	13	-414	-0.414
8	14	-397	-0.397
8	15	-371	-0.371
8	16	-439	-0.439
8	17	-561	-0.561
8	18	-661	-0.661
8	19	-778	-0.778
8	20	-887	-0.887
8	21	-901	-0.901
8	22	-886	-0.886
8	23	-948	-0.948
8	24	-1052	-1.052
8	25	-1170	-1.17
8	26	-1394	-1.394
8	26.8	-1426	-1.426
9	0	-1513	-1.513
9	1	-1180	-1.18
9	2	-873	-0.873
9	3	-614	-0.614
9	4	-354	-0.354
9	5	-535	-0.535
9	6	-537	-0.537
9	7	-563	-0.563
9	8	-581	-0.581
9	9	-556	-0.556
9	10	-390	-0.39
9	11	-331	-0.331
9	12	-315	-0.315
9	13	-388	-0.388
9	14	-509	-0.509
9	15	-545	-0.545
9	16	-614	-0.614
9	17	-712	-0.712
9	18	-844	-0.844
9	19	-994	-0.994
9	20	-1060	-1.06
9	21	-1122	-1.122
9	22	-1201	-1.201

9	23	-1267	-1.267
9	24	-1335	-1.335
9	25	-1514	-1.514
9	26	-1653	-1.653
9	26.8	-1697	-1.697
10	0	-1737	-1.737
10	1	-1476	-1.476
10	2	-1156	-1.156
10	3	-953	-0.953
10	4	-857	-0.857
10	5	-821	-0.821
10	6	-887	-0.887
10	7	-974	-0.974
10	8	-1013	-1.013
10	9	-883	-0.883
10	10	-766	-0.766
10	11	-759	-0.759
10	12	-757	-0.757
10	13	-702	-0.702
10	14	-759	-0.759
10	15	-915	-0.915
10	16	-984	-0.984
10	17	-1101	-1.101
10	18	-1265	-1.265
10	19	-1382	-1.382
10	20	-1521	-1.521
10	21	-1567	-1.567
10	22	-1566	-1.566
10	23	-1631	-1.631
10	24	-1690	-1.69
10	25	-1860	-1.86
10	26	-1896	-1.896
10	26.8	-1921	-1.921

Appendix 5

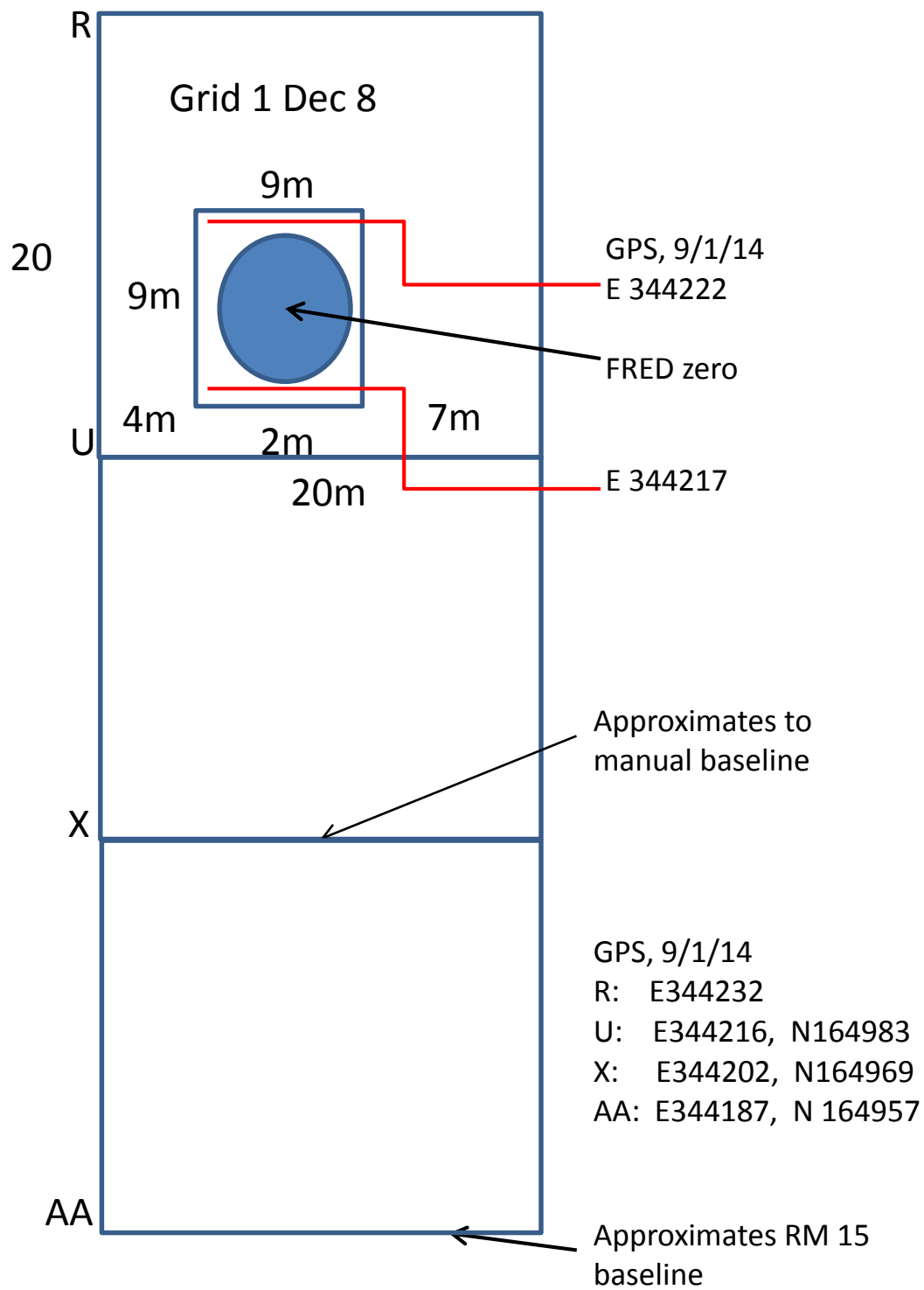
Site 3 Embanked circular enclosure (*site 39, Corney, 2004, YCCCART 2012/Y12*)

Site Record

YCCCART Site Survey Project – Manual survey – Cadbury Hill Fort	
Survey date	12-1-12
Location	Central area, North
Site name	Main Roundhouse (RH2)
Reference	Based on RM15 line - See GPS results (Plan)
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	9 x 9 m grid X axis Northerly, 10 columns @ 1 m intervals Y axis Westerly, 10 columns @ 1 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: set inside feature at 'FRED Zero' (see GPS results below)
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Cadbury – main round house Surfer: cad main round house.xls cad main round house.rtf cad main round house.grd cad main round house.srf
Survey team and conditions	
Team	G Pearson, B Wills, J Sack, J Burdge, J Haynes, B Bradbury
Weather	Cloudy, cold
Additional information	
Landowner	N Somerset, etc
Tenant	N/A
HER ref	TBC
Site type	Open land
Description	Un-mown grass/scrub
Period	
Geology	
Land use	
Report date	13/8/12
Author	Colin Campbell

Plan

A) Prepared following re-survey, January, 2014



Recorded data

x	y	z	z1
0	0	499	0.499
0	1	479	0.479
0	2	500	0.5
0	3	583	0.583
0	4	507	0.507
0	5	433	0.433
0	6	234	0.234
0	7	181	0.181
0	8	175	0.175
0	9	24	0.024
1	0	440	0.44
1	1	445	0.445
1	2	515	0.515
1	3	600	0.6
1	4	483	0.483
1	5	374	0.374
1	6	345	0.345
1	7	240	0.24
1	8	144	0.144
1	9	47	0.047
2	0	382	0.382
2	1	519	0.519
2	2	516	0.516
2	3	409	0.409
2	4	255	0.255
2	5	225	0.225
2	6	257	0.257
2	7	289	0.289
2	8	197	0.197
2	9	21	0.021
3	0	378	0.378
3	1	546	0.546
3	2	402	0.402
3	3	212	0.212
3	4	14	0.014
3	5	25	0.025
3	6	124	0.124
3	7	230	0.23
3	8	347	0.347
3	9	64	0.064
4	0	353	0.353
4	1	469	0.469
4	2	339	0.339
4	3	173	0.173
4	4	-14	-0.014
4	5	-14	-0.014
4	6	69	0.069
4	7	170	0.17
4	8	222	0.222
4	9	24	0.024
5	0	322	0.322

5	1	400	0.4
5	2	305	0.305
5	3	158	0.158
5	4	42	0.042
5	5	-9	-0.009
5	6	37	0.037
5	7	221	0.221
5	8	313	0.313
5	9	27	0.027
6	0	215	0.215
6	1	260	0.26
6	2	218	0.218
6	3	113	0.113
6	4	31	0.031
6	5	24	0.024
6	6	96	0.096
6	7	225	0.225
6	8	124	0.124
6	9	-153	-0.153
7	0	111	0.111
7	1	153	0.153
7	2	124	0.124
7	3	81	0.081
7	4	25	0.025
7	5	55	0.055
7	6	54	0.054
7	7	141	0.141
7	8	43	0.043
7	9	-291	-0.291
8	0	-42	-0.042
8	1	-40	-0.04
8	2	-79	-0.079
8	3	-131	-0.131
8	4	-125	-0.125
8	5	-139	-0.139
8	6	-214	-0.214
8	7	-218	-0.218
8	8	-301	-0.301
8	9	-486	-0.486
9	0	-159	-0.159
9	1	-225	-0.225
9	2	-273	-0.273
9	3	-290	-0.29
9	4	-336	-0.336
9	5	-346	-0.346
9	6	-387	-0.387
9	7	-487	-0.487
9	8	-560	-0.56
9	9	-626	-0.626

Appendix 6

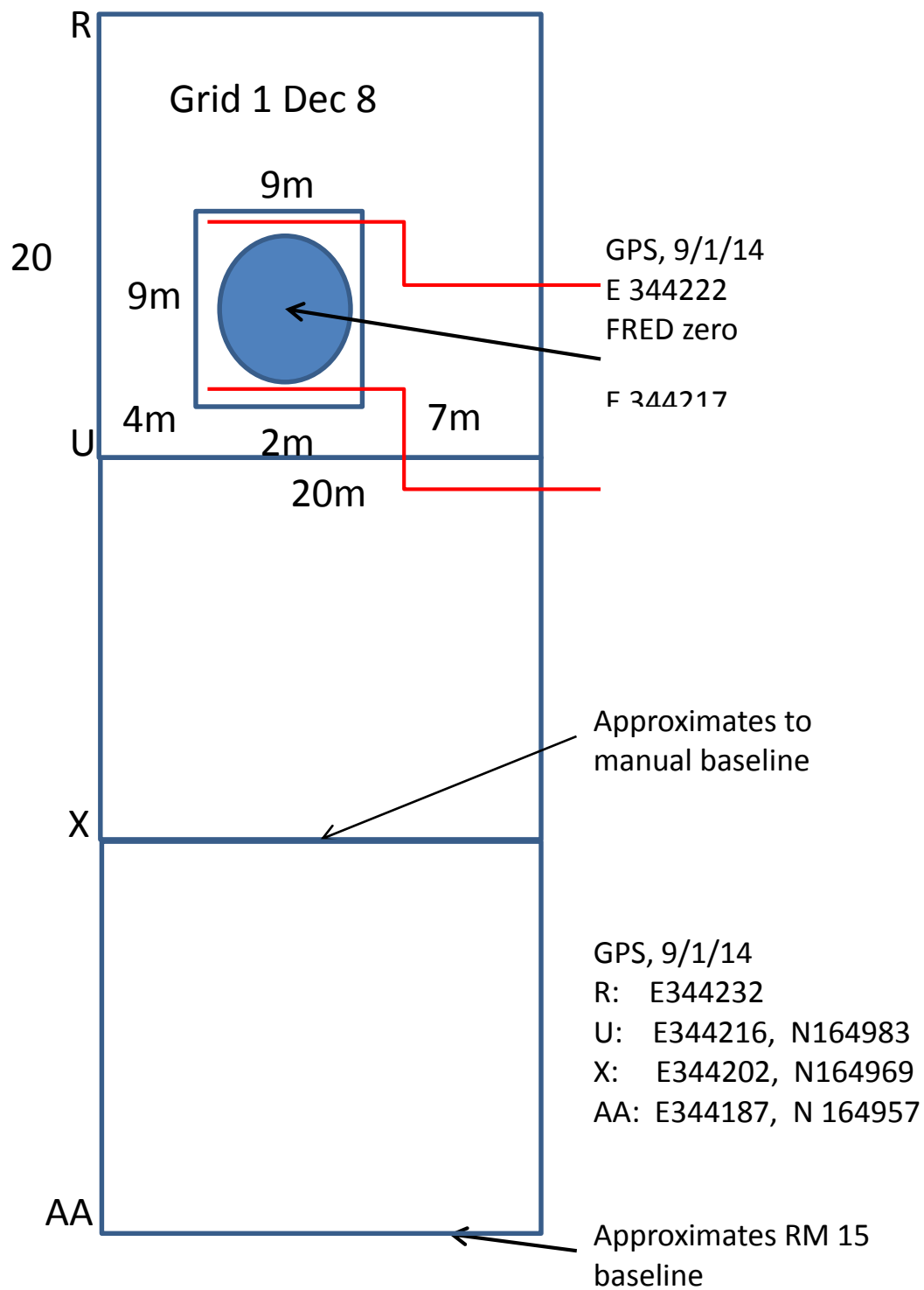
Site 3 (repeat). Embanked, circular enclosure (*Site 39, Corney, 2004; YCCCART 2012/Y12*)

Site Record

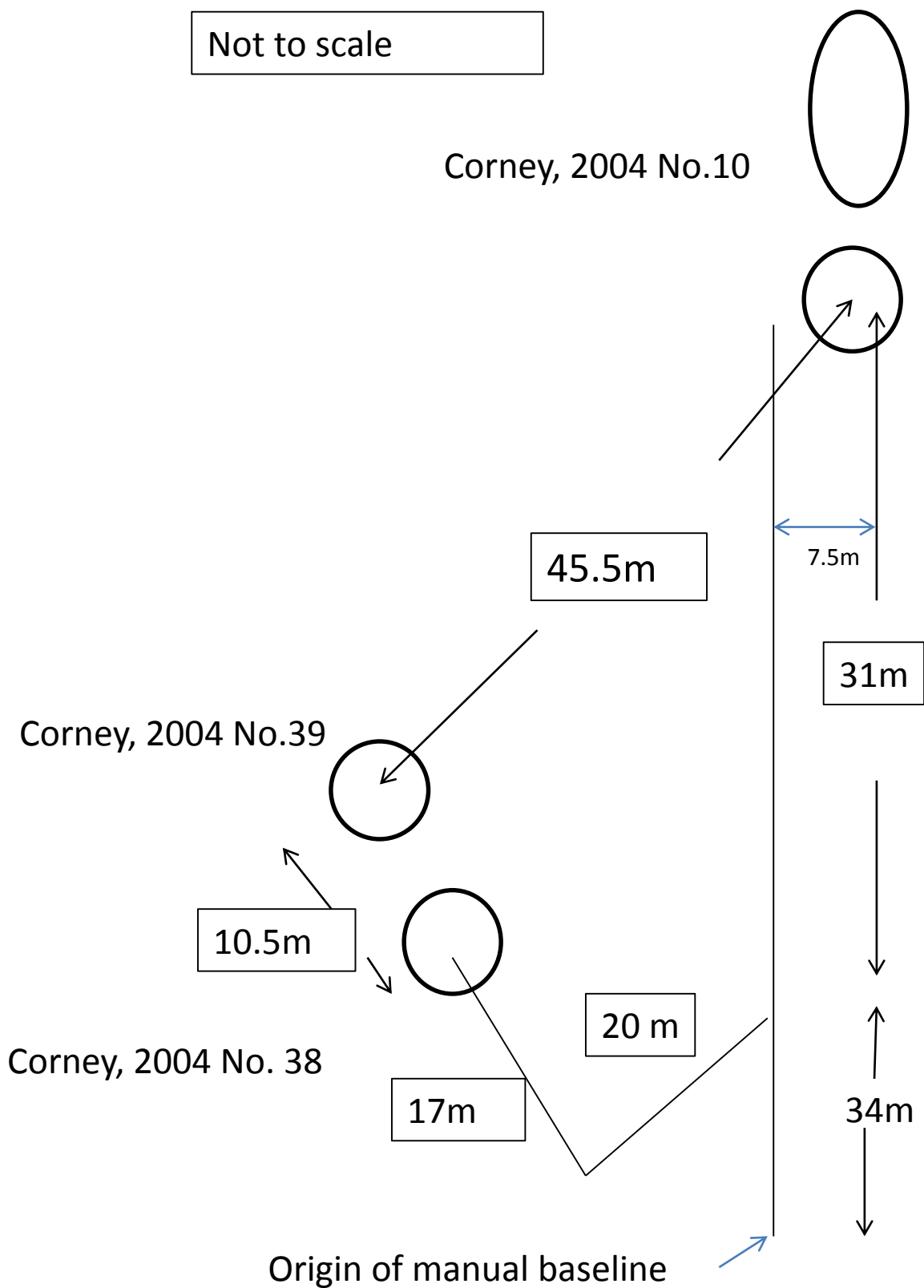
YCCCART Site Survey Project – Manual survey – Cadbury Hill Fort	
Survey date	9-1-14
Location	Central area, North
Site name	Main Roundhouse (RH2)
Reference	Based on RM15 line - See GPS results (Plan)
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	9 x 9 m grid X axis Northerly, 10 columns @ 1 m intervals Y axis Westerly, 10 columns @ 1 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: set inside feature at 'FRED Zero' (see GPS results below)
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Cadbury – main round house Surfer: cad main round house repeat.xls cad main round house repeat.rtf cad main round house repeat.grd cad main round house repeat.srf
Survey team and conditions	
Team	G Pearson, B Wills, I Morton, A Langley
Weather	Sunny, cold
Additional information	
Landowner	N Somerset, etc
Tenant	N/A
HER ref	TBC
Site type	Open land
Description	Un-mown grass/scrub
Period	
Geology	
Land use	
Report date	
Author	

Plan

A) Prepared following re-survey, January, 2014



B) Relationships of features from Corney's 2004 survey.



Recorded data

Xm	Ym	Zmm
0	0	528
0	1	537
0	2	511
0	3	430
0	4	418
0	5	314
0	6	192
0	7	150
0	8	106
0	9	-30
1	0	517
1	1	479
1	2	503
1	3	615
1	4	581
1	5	494
1	6	302
1	7	227
1	8	144
1	9	-33
2	0	470
2	1	453
2	2	539
2	3	616
2	4	464
2	5	367
2	6	341
2	7	281
2	8	143
2	9	-30
3	0	427
3	1	539
3	2	531
3	3	418
3	4	244
3	5	184
3	6	244
3	7	283
3	8	284
3	9	41
4	0	394
4	1	543
4	2	456
4	3	212
4	4	14
4	5	1
4	6	72
4	7	209
4	8	289
4	9	88
5	0	381
5	1	495

5	2	345
5	3	190
5	4	7
5	5	8
5	6	65
5	7	169
5	8	239
5	9	87
6	0	359
6	1	432
6	2	340
6	3	170
6	4	34
6	5	16
6	6	55
6	7	256
6	8	320
6	9	54
7	0	259
7	1	307
7	2	282
7	3	152
7	4	72
7	5	40
7	6	110
7	7	206
7	8	114
7	9	-138
8	0	187
8	1	223
8	2	165
8	3	105
8	4	39
8	5	60
8	6	23
8	7	47
8	8	-186
8	9	-326
9	0	49
9	1	17
9	2	-49
9	3	-99
9	4	-133
9	5	-125
9	6	-198
9	7	-222
9	8	-318
9	9	-439

Appendix 7

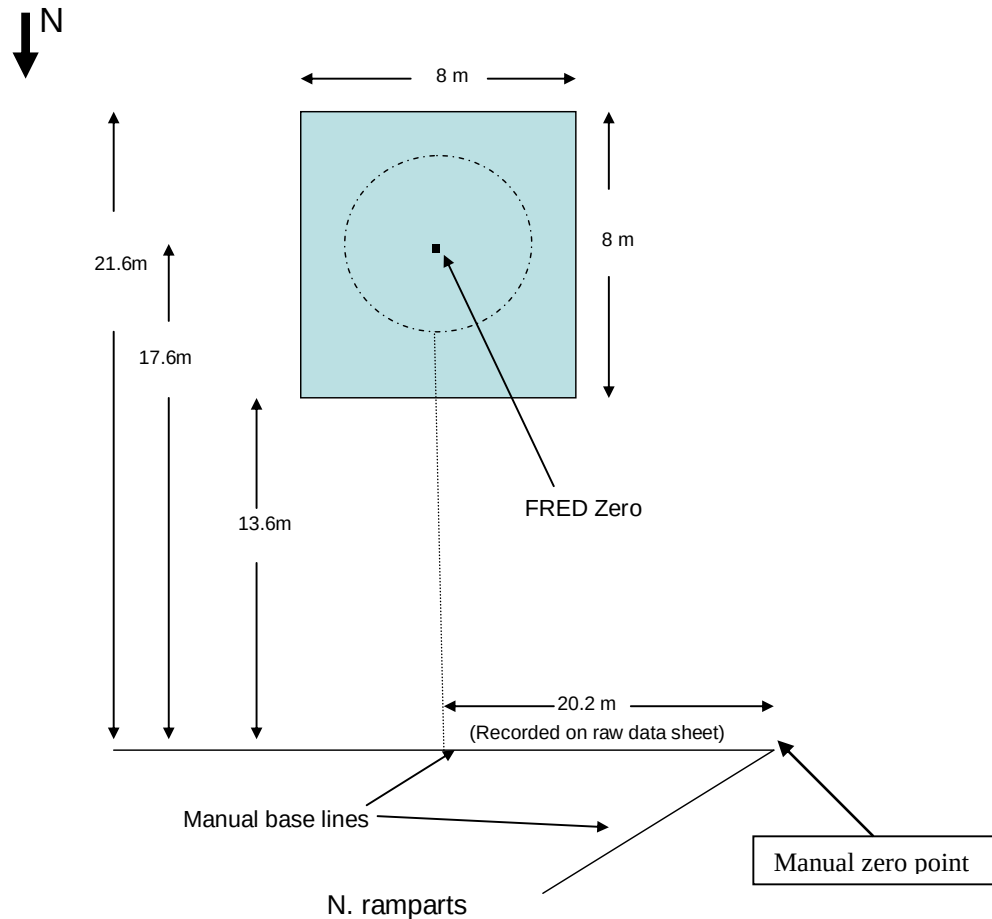
Site 4. Circular platform (*Feature 38, Corney, 2004; YCCCART 2012/ Y2*).

Site Record

YCCCART Site Survey Project – Cadbury Hill Fort	
Survey date	24 th March, 2011
Location	Mid area of Hillfort, North side
Site name	Round house below 'main round house' (RH1)
Reference	Centre of feature is 20.2m from west end of manual baseline; 17.2 m south (see plan)
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	16 x 8 m grid X axis: (Northerly) 9 rows @ 1.0 m intervals Y axis: (Easterly) 17 rows @ 0.5 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: set at centre of feature.
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Cadbury - round house below main roundhouse Surfer: Cadbury - Round house below main round house.xls Cadbury - Round house below main round house.grd Cadbury - Round house below main round house.rtf Cadbury - Round house below main round house.srf
Survey team and conditions	
Team	Geoff Pearson, Unsal Hassan
Weather	Sunny, warm
Additional information	
Landowner	N Somerset
Tenant	
HER ref	TBC
Site type	
Description	Unmown grass/scrub
Period	
Geology	
Land use	
Comments	Surfer plots appear to confirm the form of the feature as a possible Round House
Report date	31 st July, 2012
Author	Geoff Pearson

PLAN

See also appendix 1c



(NB: from the original manual drawing, the centre of the feature, (FRED Zero) is located at ~18.4 m from the point zero on the manual baseline. This diagram is therefore shifted ~ 1.8 m west of the feature on the original manual survey drawing).

Electronic raw data

The original start point for recording readings was set in the centre of the southern side of the grid (X axis). The readings were taken up to 4 metres at either side of the zero point. The Y axis (North to south) was started 21.2 m from the Manual base line.

XL file

Xm Ym Zm

-4	21.2	0.859
-4	20.2	0.713
-4	19.2	0.671
-4	18.2	0.593
-4	17.2	0.493
-4	16.2	0.393
-4	15.2	0.331
-4	14.2	0.121
-4	13.2	-0.003
-3.5	21.2	0.832
-3.5	20.2	0.715
-3.5	19.2	0.649
-3.5	18.2	0.573
-3.5	17.2	0.459
-3.5	16.2	0.36
-3.5	15.2	0.188
-3.5	14.2	0.133
-3.5	13.2	-0.021
-3	21.2	0.818
-3	20.2	0.703
-3	19.2	0.61
-3	18.2	0.536
-3	17.2	0.409
-3	16.2	0.358
-3	15.2	0.196
-3	14.2	0.127
-3	13.2	-0.04
-2.5	21.2	0.822
-2.5	20.2	0.676
-2.5	19.2	0.591
-2.5	18.2	0.481
-2.5	17.2	0.324
-2.5	16.2	0.308
-2.5	15.2	0.2
-2.5	14.2	0.093
-2.5	13.2	-0.048
-2	21.2	0.799
-2	20.2	0.618
-2	19.2	0.521
-2	18.2	0.367
-2	17.2	0.253
-2	16.2	0.226
-2	15.2	0.213
-2	14.2	0.066
-2	13.2	-0.072
-1.5	21.2	0.762

-1.5	20.2	0.584
-1.5	19.2	0.462
-1.5	18.2	0.255
-1.5	17.2	0.136
-1.5	16.2	0.141
-1.5	15.2	0.166
-1.5	14.2	0.072
-1.5	13.2	-0.088
-1	21.2	0.72
-1	20.2	0.573
-1	19.2	0.358
-1	18.2	0.164
-1	17.2	0.061
-1	16.2	0.077
-1	15.2	0.149
-1	14.2	0.086
-1	13.2	-0.108
-0.5	21.2	0.684
-0.5	20.2	0.565
-0.5	19.2	0.311
-0.5	18.2	0.112
-0.5	17.2	0.037
-0.5	16.2	0.035
-0.5	15.2	0.108
-0.5	14.2	0.058
-0.5	13.2	-0.135
0	21.2	0.636
0	20.2	0.559
0	19.2	0.297
0	18.2	0.09
0	17.2	0
0	16.2	0.048
0	15.2	0.147
0	14.2	0.027
0	13.2	-0.132
0.5	21.2	0.631
0.5	20.2	0.517
0.5	19.2	0.297
0.5	18.2	0.133
0.5	17.2	0.037
0.5	16.2	0.058
0.5	15.2	0.144
0.5	14.2	0.008
0.5	13.2	-0.107
1	21.2	0.602
1	20.2	0.495

1	19.2	0.344
1	18.2	0.19
1	17.2	0.067
1	16.2	0.103
1	15.2	0.142
1	14.2	-0.03
1	13.2	-0.197
1.5	21.2	0.588
1.5	20.2	0.485
1.5	19.2	0.358
1.5	18.2	0.209
1.5	17.2	0.133
1.5	16.2	0.165
1.5	15.2	0.115
1.5	14.2	-0.103
1.5	13.2	-0.228
2	21.2	0.562
2	20.2	0.47
2	19.2	0.343
2	18.2	0.226
2	17.2	0.205
2	16.2	0.188
2	15.2	0.108
2	14.2	-0.14
2	13.2	-0.291
2.5	21.2	0.53
2.5	20.2	0.446
2.5	19.2	0.307
2.5	18.2	0.202
2.5	17.2	0.19
2.5	16.2	0.146
2.5	15.2	0.006
2.5	14.2	-0.205
2.5	13.2	-0.286
3	21.2	0.515
3	20.2	0.396
3	19.2	0.285
3	18.2	0.158
3	17.2	0.094
3	16.2	0.046
3	15.2	-0.107
3	14.2	-0.251
3	13.2	-0.316
3.5	21.2	0.469
3.5	20.2	0.38
3.5	19.2	0.228

3.5	18.2	0.119
3.5	17.2	0.023
3.5	16.2	-0.079
3.5	15.2	-0.2
3.5	14.2	-0.293
3.5	13.2	-0.331
4	21.2	0.465
4	20.2	0.353
4	19.2	0.183
4	18.2	0.078
4	17.2	-0.053
4	16.2	-0.169
4	15.2	-0.227
4	14.2	-0.324
4	13.2	-0.357

Appendix 8

Site 5. West end survey, Grid 1

Site record

YCCCART Site Survey Project – Manual survey – Cadbury Hill Fort	
Survey date	29-3-12
Location	West End of Hill Fort
Site name	West End Survey Grid 1
Reference	RM15 Baseline See GPS results below
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	20 x30 m grid X axis: Westerly 11 columns @ 2 m intervals Y axis: Southerly 16 columns @ 2 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: set 15 m south, 10 m west from base line
Data files	Raw data: Paper copy in Manual Folder Scanned copy in West End Survey Grid 1 Surfer: cad west survey grid 1.xls cad west survey grid 1.grd cad west survey grid 1.rtf cad west survey grid 1.srf
Survey team and conditions	
Team	G Pearson, B Wills, B Bradbury, U Hassan, M Rosevink, P Cormack, J Burdge, C Campbell
Weather	Sunny
Additional information	
Landowner	N Somerset, etc
Tenant	N/A
HER ref	TBC
Site type	Open land
Description	Unmown grass/scrub
Period	
Geology	
Land use	
Comments	
Report date	31/ 3/ 12
Author	G Pearson

Plan

Site Layout
Cadbury Hill Fort
West end Survey Grid 1

Date: 29-3-12

← North

Raw data

X	Y	Z1
0	0	-0.219
0	2	-0.044

0	4	0.108
0	6	0.311
0	8	0.446
0	10	0.654
0	12	0.792
0	14	0.915
0	16	0.975
0	18	1.041
0	20	0.901
0	22	0.866
0	24	0.671
0	26	0.427
0	28	0.135
0	30	0.051
2	0	-0.325
2	2	-0.109
2	4	0.123
2	6	0.215
2	8	0.362
2	10	0.608
2	12	0.654
2	14	0.745
2	18	0.727
2	20	0.646
2	22	0.562
2	24	0.358
2	26	0.349
2	28	0.115
2	30	0.007
4	0	-0.517
4	2	-0.277
4	4	-0.127
4	6	-0.033
4	8	0.09
4	10	0.401
4	12	0.413
4	14	0.506
4	16	0.528
4	18	0.456
4	20	0.356
4	22	0.272
4	24	0.106
4	26	0.17
4	28	0.049
4	30	-0.041
6	0	-0.757
6	2	-0.537
6	4	-0.352
6	6	-0.263
6	8	-0.148
6	10	-0.034
6	12	0.09
6	14	0.29
6	16	0.339

6	18	0.235
6	20	0.143
6	22	0.003
6	24	0.051
6	26	0.12
6	28	0.048
6	30	-0.14
8	0	-0.845
8	2	-0.559
8	4	-0.459
8	6	-0.394
8	8	-0.307
8	10	-0.212
8	12	-0.044
8	14	0.105
8	16	0.177
8	18	0.138
8	20	0.169
8	22	0.067
8	24	0.073
8	26	0.08
8	28	0.059
8	30	-0.192
10	0	-0.947
10	2	-0.611
10	4	-0.53
10	6	-0.562
10	8	-0.48
10	10	-0.394
10	12	-0.305
10	14	-0.034
10	16	0.131
10	18	0.119
10	20	0.109
10	22	0.021
10	24	0
10	26	-0.016
10	28	-0.078
10	30	-0.349
12	0	-0.913
12	2	-0.735
12	4	-0.704
12	6	-0.686
12	8	-0.609
12	10	-0.572
12	12	-0.478
12	14	-0.143
12	16	-0.065
12	18	-0.032
12	20	-0.238
12	22	-0.228
12	24	-0.082
12	26	-0.168
12	28	-0.339

12	30	-0.616
14	0	-0.995
14	2	-0.871
14	4	-0.837
14	6	-0.752
14	8	-0.705
14	10	-0.639
14	12	-0.561
14	14	-0.36
14	16	-0.052
14	18	-0.143
14	20	-0.221
14	22	-0.282
14	24	-0.426
14	26	-0.536
14	28	-0.663
14	30	-0.9
16	0	-1.283
16	2	-0.958
16	4	-0.959
16	6	-0.879
16	8	-0.72
16	10	-0.625
16	12	-0.571
16	14	-0.507
16	16	-0.361
16	18	-0.32
16	20	-0.414
16	22	-0.528
16	24	-0.598
16	26	-0.878
16	28	-1.076
16	30	-1.148
18	0	-1.392
18	2	-1.157
18	4	-1.04
18	6	-0.936
18	8	-0.636
18	10	-0.544
18	12	-0.62
18	14	-0.617
18	16	-0.569
18	18	-0.592
18	20	-0.853
18	22	-0.896
18	24	-0.929
18	26	-1.058
18	28	-1.189
18	30	-1.335
20	0	-1.479
20	2	-1.194
20	4	-1.123
20	6	-1.02
20	8	-0.806

20	10	-0.819
20	12	-0.74
20	14	-0.791
20	16	-0.765
20	18	-0.821
20	20	-0.991
20	22	-1.068
20	24	-1.1
20	26	-1.168
20	28	-1.335
20	30	-1.37

Appendix 9

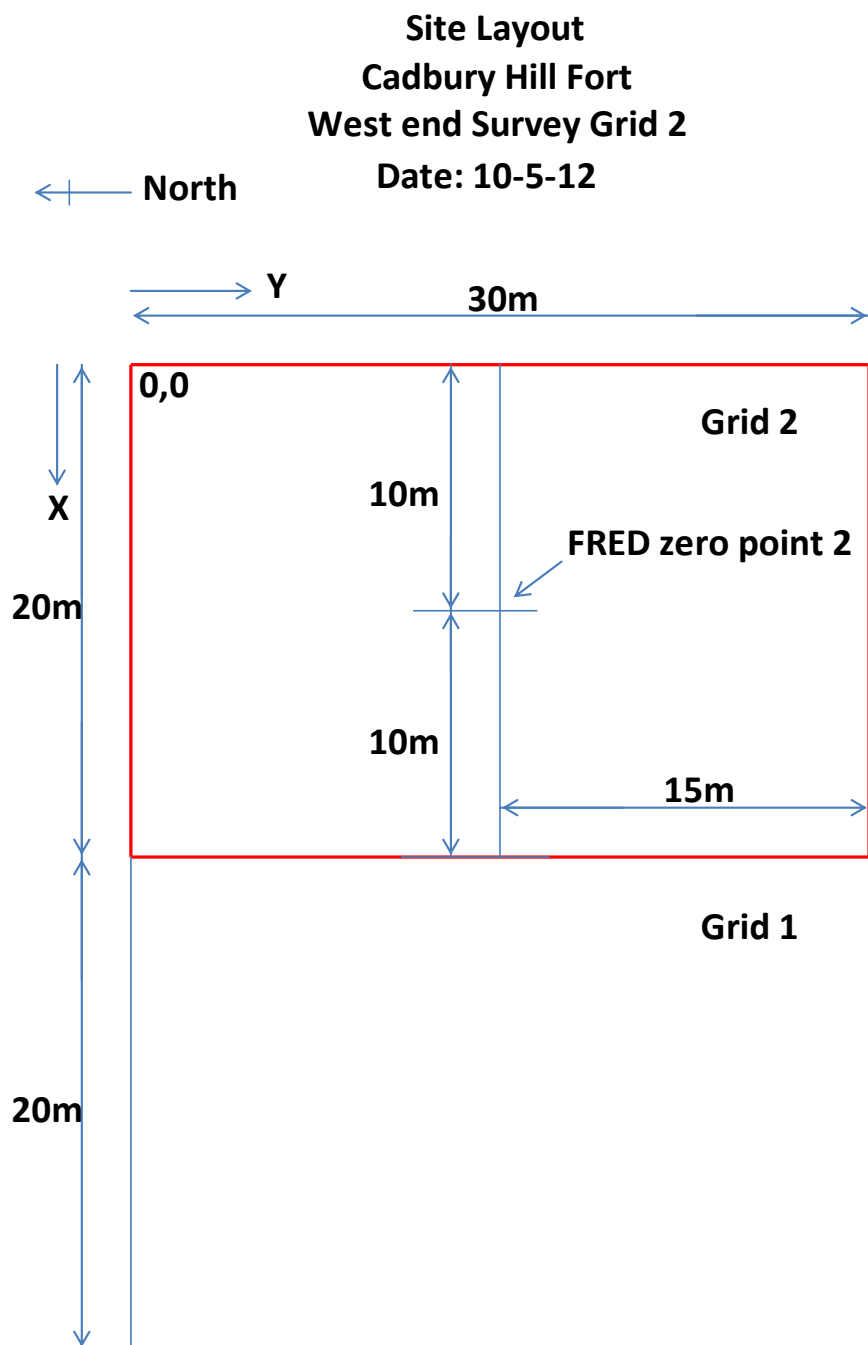
Site 5. West end survey, grid 2

Site Record

YCCCART Site Survey Project – Manual Survey, Cadbury Hill Fort	
Survey date	10/05/12
Location	West end of Hill Fort
Site name	West end Survey, Grid 2
Reference	Using RM 15 Baseline
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	20 x 30 m grid; X axis: Westerly 11 columns @ 2m intervals Y axis: Southerly 16 columns @ 2m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: set at 15m south, 10m west from baseline
Data files	Raw data: Paper copy in manual folder. Scanned copy in Cadbury West end survey, Grid 2 Surfer: Cadbury West end survey grid 2.xls Cadbury West end survey grid 2.rtf Cadbury West end survey grid 2.grd Cadbury West end survey grid 2.srf
Survey team and conditions	
Team	G Pearson, B Wills, B Herbison, M Rosevink, J Burdge, C Campbell
Weather	Sunny
Additional information	
Landowner	N Somerset etc
Tenant	N/A
HER ref	TBC
Site type	Open land
Description	Unmown grass/scrub
Period	
Geology	
Land use	
Comments	
Report date	15 November, 2012
Author	B Wills

NB. FRED zero set 1178mm above FRED zero. Grid 1

Plan



Raw data

X	Y	Z
0	0	-472
0	2	-358
0	6	-185
0	8	-10
0	10	248
0	12	285
0	14	299
0	16	376
0	18	469
0	20	544
0	22	520
0	24	559
0	26	629
0	28	711
0	30	619
2	0	-588
2	2	-306
2	4	-314
2	6	-190
2	8	-110
2	10	49
2	12	107
2	14	198
2	16	371
2	18	452
2	20	505
2	22	479
2	24	474
2	26	586
2	28	580
2	30	539
4	0	-722
4	2	-548
4	4	-542
4	6	-475
4	8	-237
4	10	14
4	12	141
4	14	324
4	16	393
4	18	397
4	20	273
4	22	311

4	24	374
4	26	426
4	28	458
4	30	482
6	0	-828
6	2	-679
6	4	-665
6	6	-635
6	8	-316
6	10	-100
6	12	34
6	14	230
6	16	291
6	18	331
6	20	260
6	22	236
6	24	247
6	26	290
6	28	368
6	30	355
8	0	-931
8	2	-803
8	4	-653
8	6	-526
8	8	-347
8	10	-25
8	12	0
8	14	203
8	16	121
8	18	194
8	20	141
8	22	158
8	24	120
8	26	109
8	28	267
8	30	260
10	0	-1029
10	2	-911
10	4	-542
10	6	-339
10	8	-254
10	10	-93
10	12	-84
10	14	7
10	16	-52
10	18	-15

10	20	-8
10	22	-48
10	24	-48
10	26	-37
10	28	4
10	30	13
12	0	-1050
12	2	-988
12	4	-626
12	6	-524
12	8	-480
12	10	-319
12	12	-156
12	14	-84
12	16	-125
12	18	-132
12	20	-67
12	22	-82
12	24	-81
12	26	-70
12	28	-22
12	30	-302
14	0	-1125
14	2	-985
14	4	-696
14	6	-684
14	8	-469
14	10	-506
14	12	-278
14	14	-237
14	16	-190
14	18	-148
14	20	-121
14	22	-51
14	24	-14
14	26	-76
14	28	-205
14	30	-452
16	0	-1102
16	2	-926
16	4	-888
16	6	-759
16	8	-727
16	10	-555
16	12	-469
16	14	-307

16	16	-139
16	18	-108
16	20	-128
16	22	-88
16	24	-167
16	26	-272
16	28	-625
16	30	-713
18	0	-1155
18	2	-1038
18	4	-933
18	6	-815
18	8	-746
18	10	-626
18	12	-521
18	14	-310
18	16	-87
18	18	16
18	20	-24
18	22	-168
18	24	-273
18	26	-407
18	28	-856
18	30	-975
20	0	-1359
20	2	-1195
20	4	-1032
20	6	-858
20	8	-687
20	10	-507
20	12	-358
20	14	-238
20	16	-178
20	18	-135
20	20	-278
20	22	-302
20	24	-472
20	26	-730
20	28	-1042
20	30	-1139

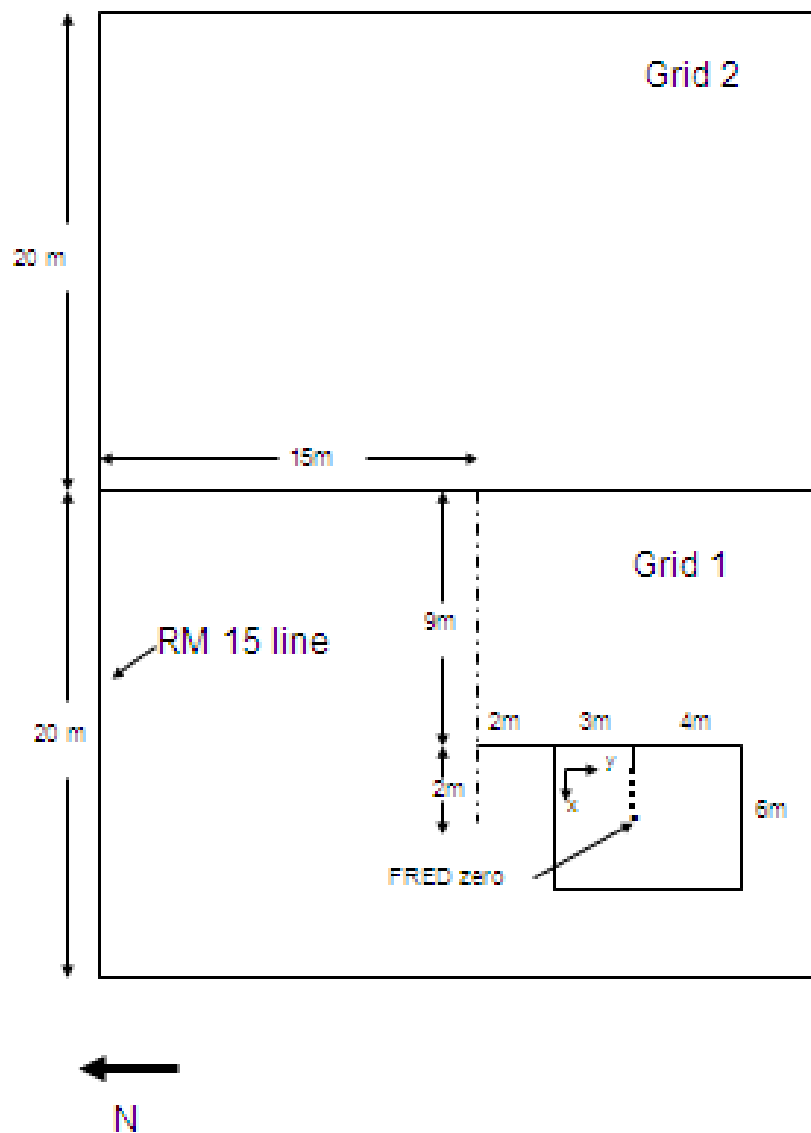
Appendix 10

Site 5. West end survey, feature 1, grid 1.

Site Record

YCCCART Site Survey Project – Manual survey – Cadbury Hill Fort	
Survey date	12 th April, 2012
Location	West End of Hill Fort
Site name	West end survey, feature 1, grid 1
Reference	RM 15 baseline
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	7 x 6 m grid X axis Westerly, 15 columns @ 0.5m intervals Y axis Southerly, 7 columns @ 1 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: set inside feature at FRED Zero
Data files	Raw data: Paper copy in Manual Folder Scanned copy in West end survey feature 1 grid 1 Surfer: Cadbury west end survey feature 1 grid 1.xls Cadbury west end survey feature 1 grid 1.rtf Cadbury west end survey feature 1 grid 1.grd Cadbury west end survey feature 1 grid 1.srf
Survey team and conditions	
Team	B Wills, G Pearson, S Dugas
Weather	Sunny and warm
Additional information	
Landowner	N Somerset, etc
Tenant	N/A
HER ref	TBC
Site type	Open land
Description	Unmown grass / scrub
Period	
Geology	
Land use	
Comments	The feature has the characteristics of a round house
Report date	10 th February, 2013
Author	G Pearson

Plan



Electronic raw data

X m	Y m	Z1 m
0	0	0.388
0	0.5	0.396
0	1	0.367

0	1.5	0.364
0	2	0.396
0	2.5	0.395
0	3	0.388
0	3.5	0.381
0	4	0.346
0	4.5	0.322
0	5	0.295
0	5.5	0.282
0	6	0.257
0	6.5	0.295
0	7	0.336
1	0	0.386
1	0.5	0.353
1	1	0.331
1	1.5	0.379
1	2	0.423
1	2.5	0.366
1	3	0.365
1	3.5	0.337
1	4	0.317
1	4.5	0.305
1	5	0.267
1	5.5	0.27
1	6	0.265
1	6.5	0.267
1	7	0.299
2	0	0.247
2	0.5	0.284
2	1	0.292
2	1.5	0.262
2	2	0.261
2	2.5	0.246
2	3	0.202
2	3.5	0.169
2	4	0.175
2	4.5	0.192
2	5	0.232
2	5.5	0.25
2	6	0.237
2	6.5	0.241
2	7	0.23
3	0	0.196
3	0.5	0.204
3	1	0.196
3	1.5	0.156
3	2	0.096
3	2.5	0.064
3	3	0.024
3	3.5	-0.021
3	4	-0.024
3	4.5	-0.009
3	5	0.027
3	5.5	0.09

3	6	0.144
3	6.5	0.179
3	7	0.202
4	0	0.188
4	0.5	0.142
4	1	0.159
4	1.5	0.119
4	2	0.085
4	2.5	0.048
4	3	-0.007
4	3.5	-0.06
4	4	-0.063
4	4.5	-0.057
4	5	-0.025
4	5.5	0.014
4	6	0.044
4	6.5	0.132
4	7	0.173
5	0	0.102
5	0.5	0.067
5	1	0.077
5	1.5	0.07
5	2	0.029
5	2.5	0.046
5	3	0.014
5	3.5	0.037
5	4	0.027
5	4.5	0.039
5	5	0.043
5	5.5	-0.018
5	6	0.035
5	6.5	0.078
5	7	0.074
6	0	-0.028
6	0.5	-0.003
6	1	-0.025
6	1.5	-0.038
6	2	-0.051
6	2.5	-0.044
6	3	-0.024
6	3.5	-0.02
6	4	-0.045
6	4.5	-0.058
6	5	-0.093
6	5.5	-0.123
6	6	-0.166
6	6.5	-0.118
6	7	-0.122

Appendix 11

Site 5. West end survey, feature 2, grid 1.

Site record

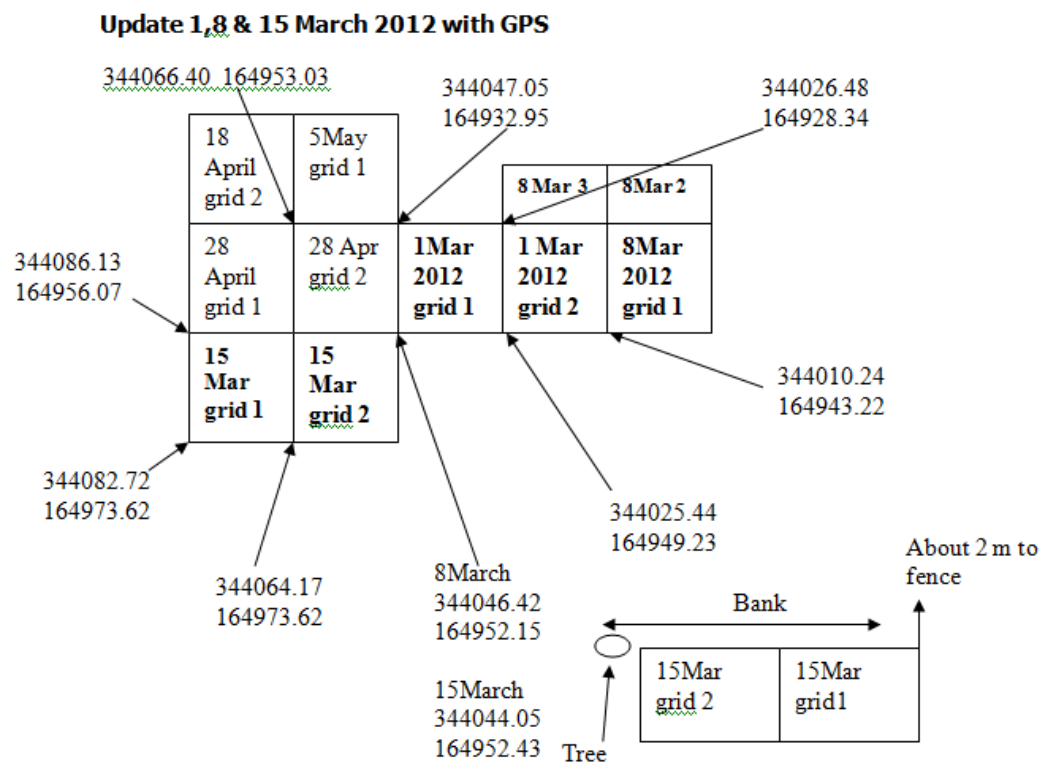
YCCCART Site Survey Project – Manual survey – Cadbury Hill Fort	
Survey date	16 /1/14
Location	West end
Site name	Grid 1 – feature 2
Reference	
Type / Instrument	NIVCOMP electronic hydrostatic level
Survey area	9 x 9 m grid X axis 10 columns@ 1 m intervals Y axis 10 columns@ 1 m intervals Z axis: height above (+), or below (-) Zero point in mm Zero point: At North west corner of grid
Data files	Raw data: Paper copy in Manual Folder Scanned copy in Cadbury, Grid 1 feature 2 Surfer: WES grid 1 feature 2.xls WES grid 1 feature 2.rtf WES grid 1 feature 2.grd WES grid 1 feature 2.srf
Team	B Wills, A Langley, M Rosevink, G Pearson, J Sweeting
Weather	Very cold, Heavy showers
Additional information	
Landowner	N Somerset, etc
Tenant	N/A
HER ref	TBC
Site type	Open land
Description	Un-mown grass/scrub
Period	
Geology	
Land use	
Comments	
Report date	31 -5 - 14
Author	Geoff Pearson

Plan

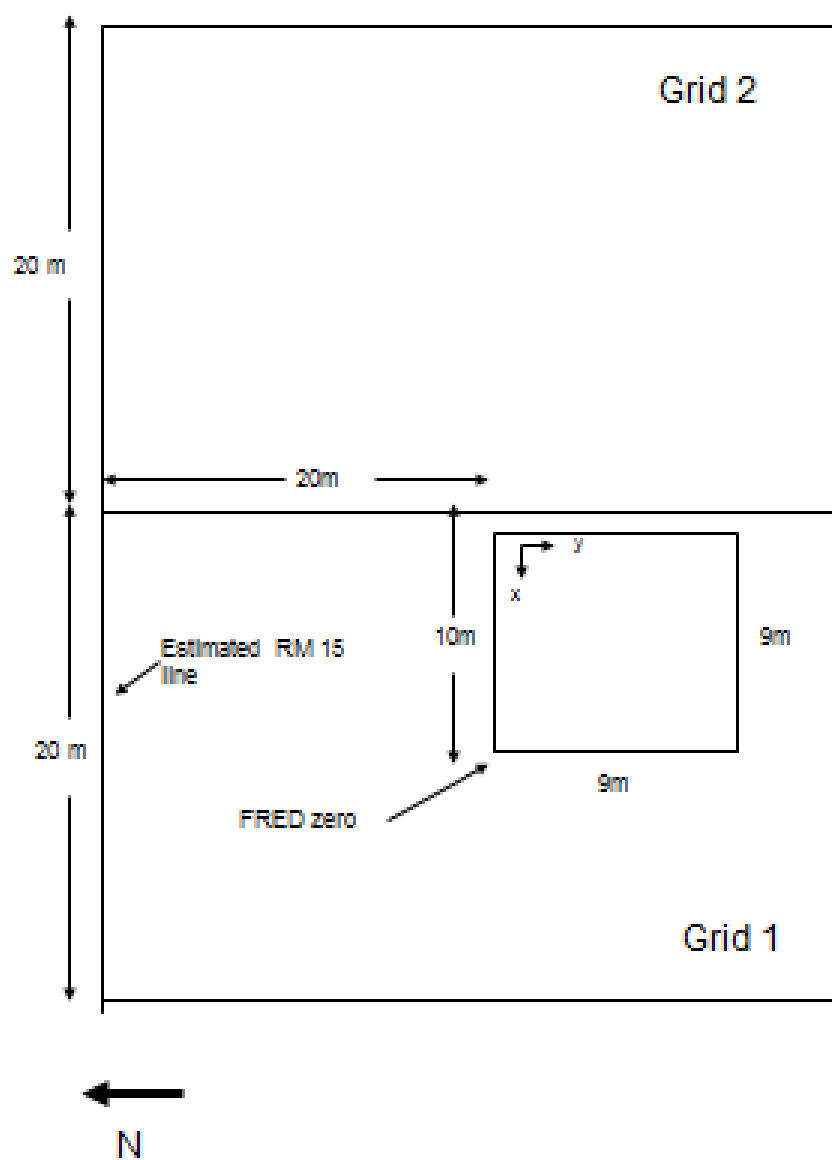
A) Location:

The feature is located in Grids 1 and 2 (RM15), 8th Mar 2012.

RM 15 data: *from YCCART Report, 2011 / Y20. Geophysical surveys at Cadbury Hill, Congresbury.*



B) Site details



R_i

X m	Ym	Zmm
0	0	927
0	1	837
0	2	836
0	3	762
0	4	669
0	5	647
0	6	541
0	7	434
0	8	254

0	9	28
1	0	750
1	1	684
1	2	672
1	3	691
1	4	606
1	5	521
1	6	371
1	7	308
1	8	170
1	9	-49
2	0	616
2	1	551
2	2	545
2	3	498
2	4	458
2	5	405
2	6	259
2	7	213
2	8	106
2	9	-41
3	0	504
3	1	419
3	2	382
3	3	353
3	4	296
3	5	218
3	6	151
3	7	151
3	8	69
3	9	-39
4	0	369
4	1	302
4	2	299
4	3	232
4	4	147
4	5	163
4	6	25
4	7	20
4	8	-15
4	9	-80
5	0	220
5	1	179
5	2	78
5	3	52
5	4	-34
5	5	-100
5	6	-48
5	7	-18
5	8	-48
5	9	-104
6	0	108
6	1	-6
6	2	-56

6	3	-127
6	4	-150
6	5	-121
6	6	-115
6	7	-47
6	8	-76
6	9	-125
7	0	62
7	1	17
7	2	-77
7	3	-165
7	4	-165
7	5	-135
7	6	-104
7	7	-82
7	8	-38
7	9	-99
8	0	33
8	1	0
8	2	-16
8	3	-136
8	4	-138
8	5	-124
8	6	-72
8	7	-89
8	8	-71
8	9	-128
9	0	-1
9	1	6
9	2	-19
9	3	-84
9	4	-152
9	5	-124
9	6	-123
9	7	-114
9	8	-125
9	9	-142