

SITE RESULTS SUMMARY

GEOPHYSICAL SURVEY REPORT NO: Rowe 14/02

NGR: ST 685 787

SITE NAME: Clifton Hill House, Bristol.

SITE TYPE: Grassed lawn area

DESCRIPTION: Upper terraced lawn area adjacent to Clifton Hill House, Bristol, c.20m ADN.

PERIOD: 17th - 20th century.

GEOLOGY: Sandstone of the Cromhall Sandstone Formation (CHSA), Visean Epoch: overburden to an unknown depth by re-deposited top / sub soil.

LAND USE: Grassed Lawn / Closed Recreational Area.

SURVEY TYPE: Resistance

METHOD: Zig – Zag

INSTRUMENT: Geoscan RM15

SURVEY AREA: 30m x 60m

SAMPLE INT: 1m

TRAVERSE INT: 1m

RESULTS SUMMARY:

A RM15 resistance survey, total area 30m x 60m (2 x 30m² grids), was completed July 2014 providing constructive geophysical raw data that can assist the archaeological knowledge of the site.

Suggesting the presence of buried material likely to pertain to the formal gardens that formerly stood upon the site, as well as the Second World War Air Raid Shelter; positive geophysical data recovered for the site has made archaeological interpretation possible.

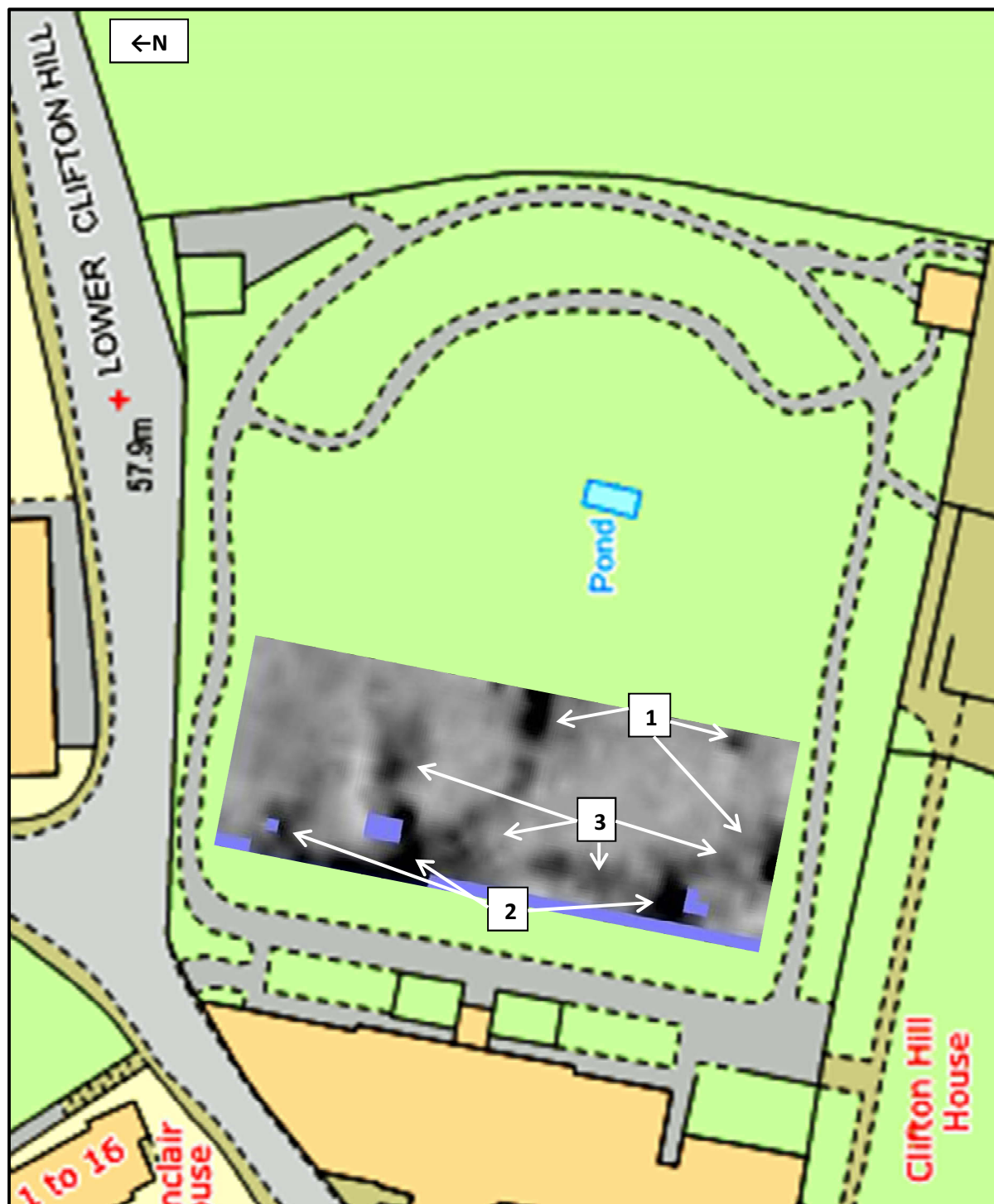
Areas of high resistance identified north-northeast / centre of the study area, east-northeast and east-southeast of the study area (1) relate, in all probability, to CBM associated with the pathway.

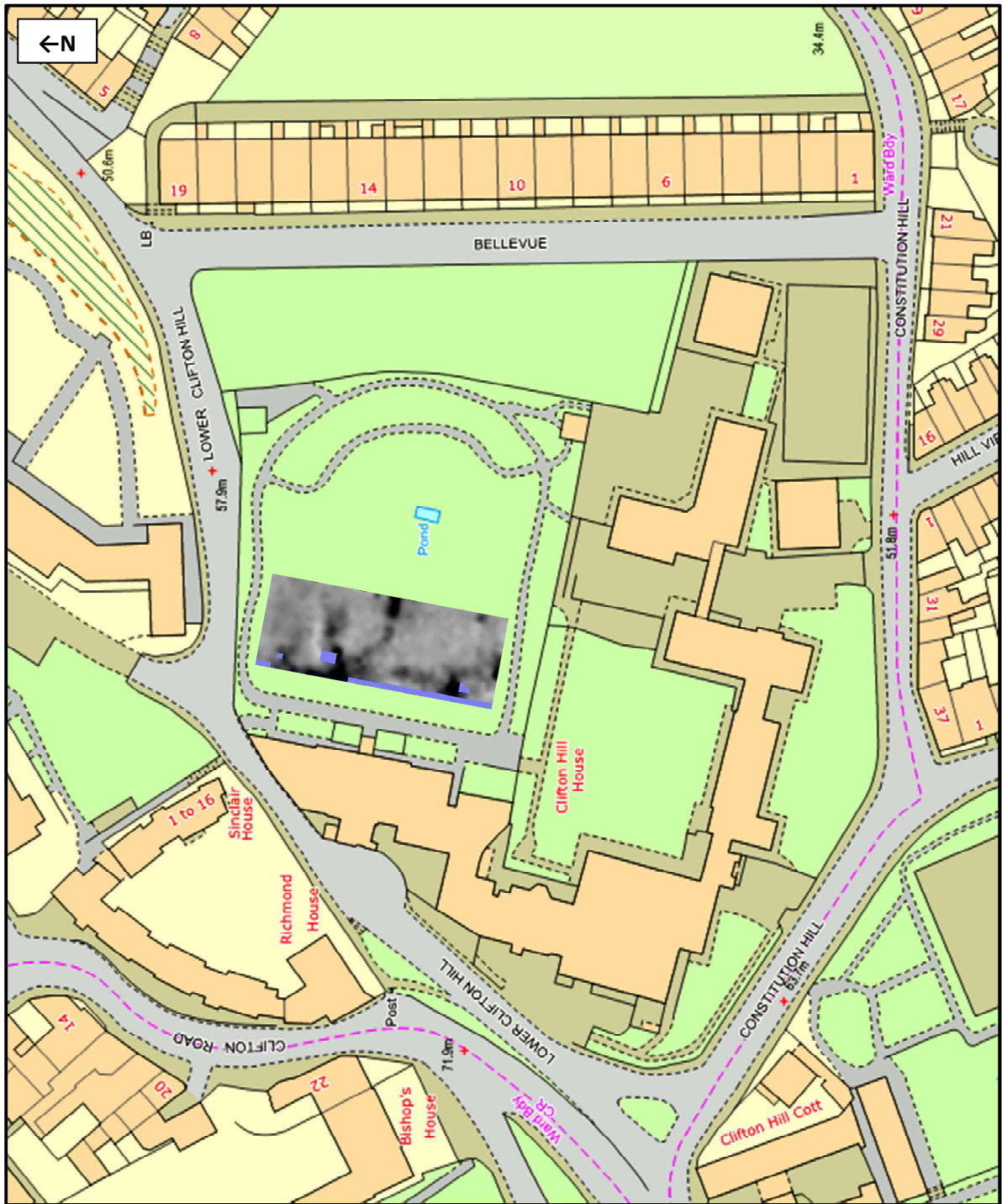
High resistance running parallel west-northwest to east-southeast can be interpreted as material possibly relating to the Air Raid Shelter / tree roots (2)(dummy readings taken where trees are extant); whilst northwest and southeast of the study area can be seen areas of medium resistance (3) that suggest the probable location of formal garden features once was sited within that locality.

Further archaeological investigation is suggested to confirm these findings.

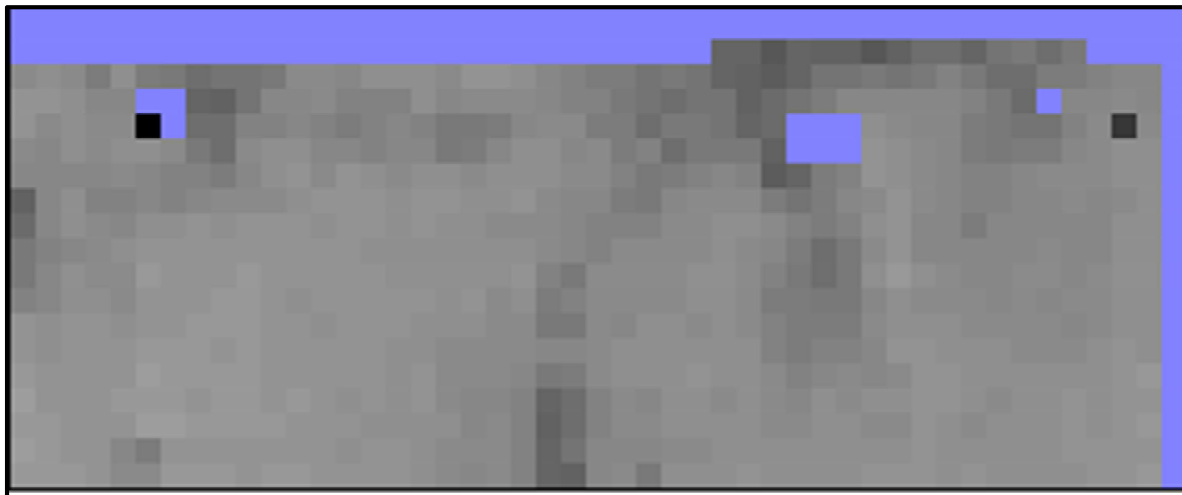
REPORT AUTHOR: Philip R Rowe

Date 8th July 2014





Raw Data



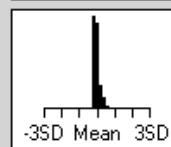
Details

Sitename: chh1
Composite: chh1raw
Date Generated: 13-07-2014
Time Generated: 10:44:23
Dir. 1st Traverse: E
Composite Length (x): 30 m
Sample Interval (x): 1 m
Composite Width (y): 60 m
Traverse Interval (y): 1 m

Survey Type: Resistance
Instrument: RM15
Units: ohm

Statistics

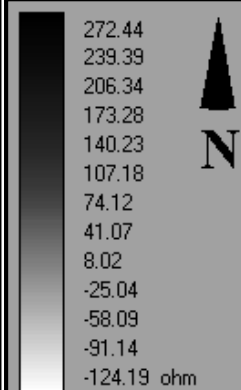
Mean: 74.12453
SD: 66.10645
3 SD: 198.3194
Minimum: 54.5
Maximum: 1901.0
Readings: 1800
Dummy Value: 2047.5
Dummies: 1013



Generation History

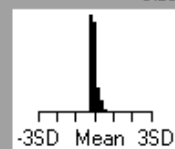
Source Grid Length: 30 m
Source Grid Width: 30 m

Master Grid: chh1
Bias Addition: 0n



Palette : grey99.ptt

Size : x 2



Clip Parameters

Minimum -3
Maximum 3
Contrast 1
Units Std Dev

Processed Data

