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OS 100km square = TM

Amendments

| Issue No. | Date | Description |
|-----------|------|-------------|
| - | - | - |
| - | - | - |

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Site centred on NGR TM 022 168

OS REFERENCING INFORMATION

| | |
|---|-----------------------|
| A | 601830.612,216727.775 |
| B | 602040.612,216727.775 |
| C | 602250.612,216817.775 |
| D | 602520.612,216817.775 |
| E | 602730.612,217147.775 |
| F | 602730.612,216667.775 |

| | | | |
|---|------|-------------|----------|
| Job No. | 6834 | Survey Date | MAY 2014 |
| Client | | | |
| ARCHAEOLOGICAL SOLUTIONS LTD. | | | |
| Project Title | | | |
| LANGENHOE HALL, HALL LANE, LANGENHOE, COLCHESTER, ESSEX | | | |
| Subject | | | |

SITE LOCATION AND SURVEY AREA & REFERENCING

GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING

VINEYARD HOUSE
UPTON UPON SEVERN
WR8 0SA

T: 01684 592266
E: info@stratascan.co.uk
www.stratascan.co.uk

SUMO GROUP MEMBER

| | | | | | |
|--------|-------------------------|------------|-----|------------|----|
| Scale | 0m 20 40 60 80 100 120m | | | | |
| 1:2000 | | | | | |
| Plot | A1 | Checked by | PPB | Issue No. | 01 |
| Date | JUL 2014 | Drawn by | TJH | Figure No. | 01 |



Amendments

| Issue No. | Date | Description |
|-----------|------|-------------|
| - | - | - |
| - | - | - |

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Plotting parameters

Maximum +100nT (red)
Minimum -100nT (blue)

+100nT

+10nT

-10nT

-100nT

Job No.

6834

Survey Date

MAY 2014

Client

ARCHAEOLOGICAL SOLUTIONS LTD.

Project Title

LANGENHOE HALL, HALL LANE, LANGENHOE, COLCHESTER, ESSEX

Subject

COLOUR PLOT OF MINIMALLY PROCESSED GRADIOMETER DATA SHOWING EXTREME VALUES - WEST

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GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING

VINEYARD HOUSE
UPTON UPON SEVERN
WR8 0SA

T: 01684 592266
E: info@stratascan.co.uk
www.stratascan.co.uk

GPR ASSOCIATION

SUMO GROUP MEMBER

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ISO 14001 certified

ISO 18001 certified

Scale

0m 10 20 30 40 50 60 70 80m

1:1250

Plot

A1

Checked by

PPB

Issue No.

01

Date

JULY 2014

Drawn by

RARK

Figure No.

02



Amendments

| Issue No. | Date | Description |
|-----------|------|-------------|
| - | - | - |
| - | - | - |

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Plotting parameters

Maximum +100nT (red)
Minimum -100nT (blue)

+100nT

+10nT

-10nT

-100nT

Job No.

6834

Survey Date

MAY 2014

Client

ARCHAEOLOGICAL SOLUTIONS LTD.

Project Title

LANGENHOE HALL, HALL LANE, LANGENHOE, COLCHESTER, ESSEX

Subject

COLOUR PLOT OF MINIMALLY PROCESSED GRADIOMETER DATA SHOWING EXTREME VALUES - EAST

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VINEYARD HOUSE
UPTON UPON SEVERN
WR8 0SA

T: 01684 592266
E: info@stratascan.co.uk
www.stratascan.co.uk

EUROPEAN GPR ASSOCIATION

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ISO 19011 certified

Scale

0m 10 20 30 40 50 60 70 80m

1:1250

Plot

A1

Checked by

PPB

Issue No.

01

Date

JULY 2014

Drawn by

RARK

Figure No.

03



Amendments

| Issue No. | Date | Description |
|-----------|------|-------------|
| - | - | - |
| - | - | - |

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Plotting parameters

Maximum +2nT (black)
Minimum -2nT (white)

Zero
Mean

-2nT +2nT

+2nT

-2nT

Job No.

6834

Survey Date

MAY 2014

Client

ARCHAEOLOGICAL SOLUTIONS LTD.

Project Title

LANGENHOE HALL, HALL LANE, LANGENHOE, COLCHESTER, ESSEX

Subject

PLOT OF PROCESSED GRADIOMETER DATA - WEST

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UPTON UPON SEVERN
WR8 0SA

T: 01684 592266
E: info@stratascan.co.uk
www.stratascan.co.uk

sumo

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UKAS ISO 9001 certified

UKAS ISO 9001 certified

Scale

1:1250

0m

10

20

30

40

50

60

70

80m

Plot

A1

Checked by

PPB

Issue No.

01

Date

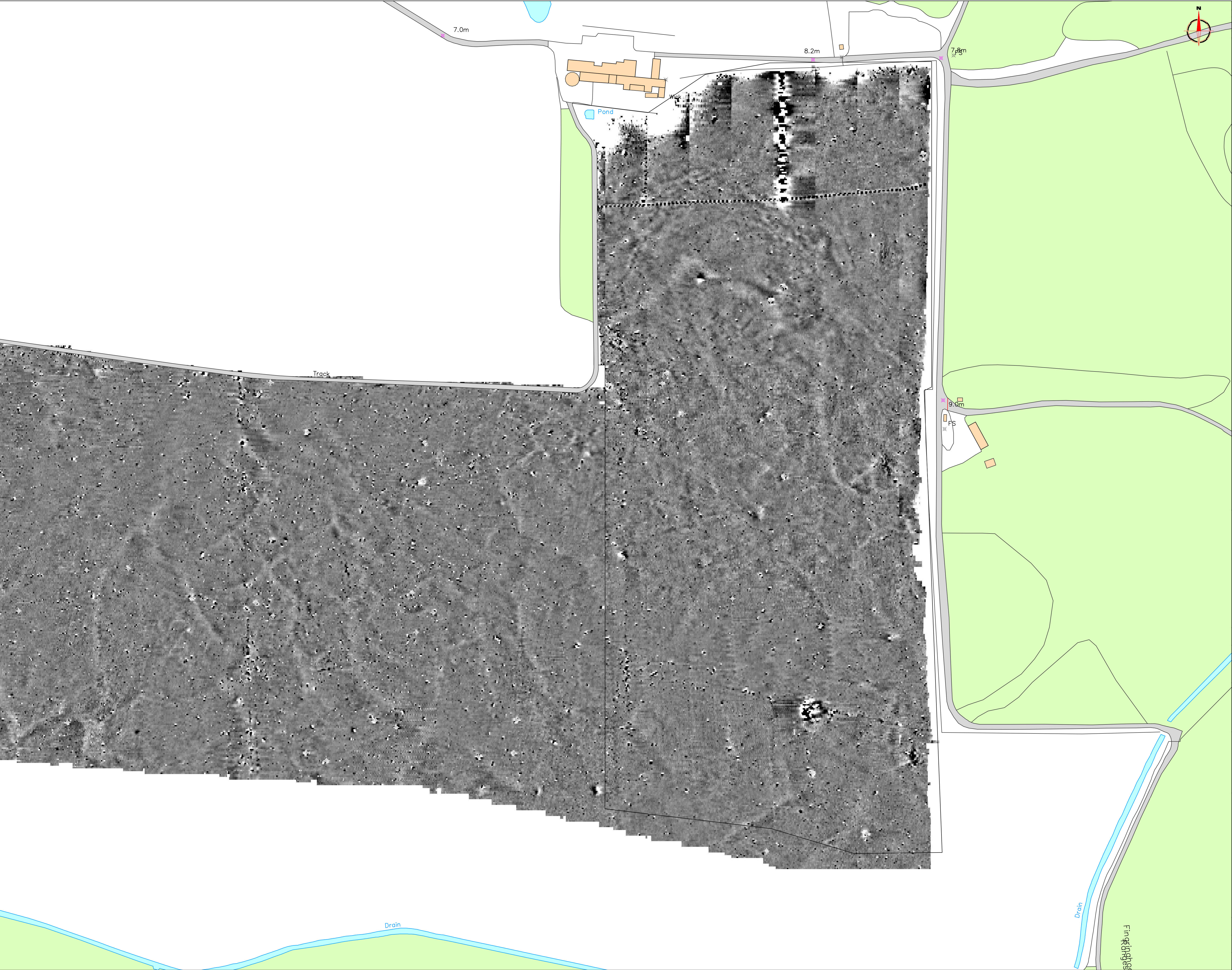
JULY 2014

Drawn by

RARK

Figure No.

04



| Amendments | | |
|------------|------|-------------|
| Issue No. | Date | Description |
| - | - | - |
| - | - | - |

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Plotting parameters

Maximum +2nT (black)
Minimum -2nT (white)

Zero Mean

-2nT +2nT

+2nT
-2nT

| | | | |
|---------------|---|-------------|----------|
| Job No. | 6834 | Survey Date | MAY 2014 |
| Client | ARCHAEOLOGICAL SOLUTIONS LTD. | | |
| Project Title | LANGENHOE HALL, HALL LANE, LANGENHOE, COLCHESTER, ESSEX | | |
| Subject | PLOT OF PROCESSED GRADIOMETER DATA - EAST | | |

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VINEYARD HOUSE
UPTON UPON SEVERN
WR8 0SA

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E: info@stratascan.co.uk
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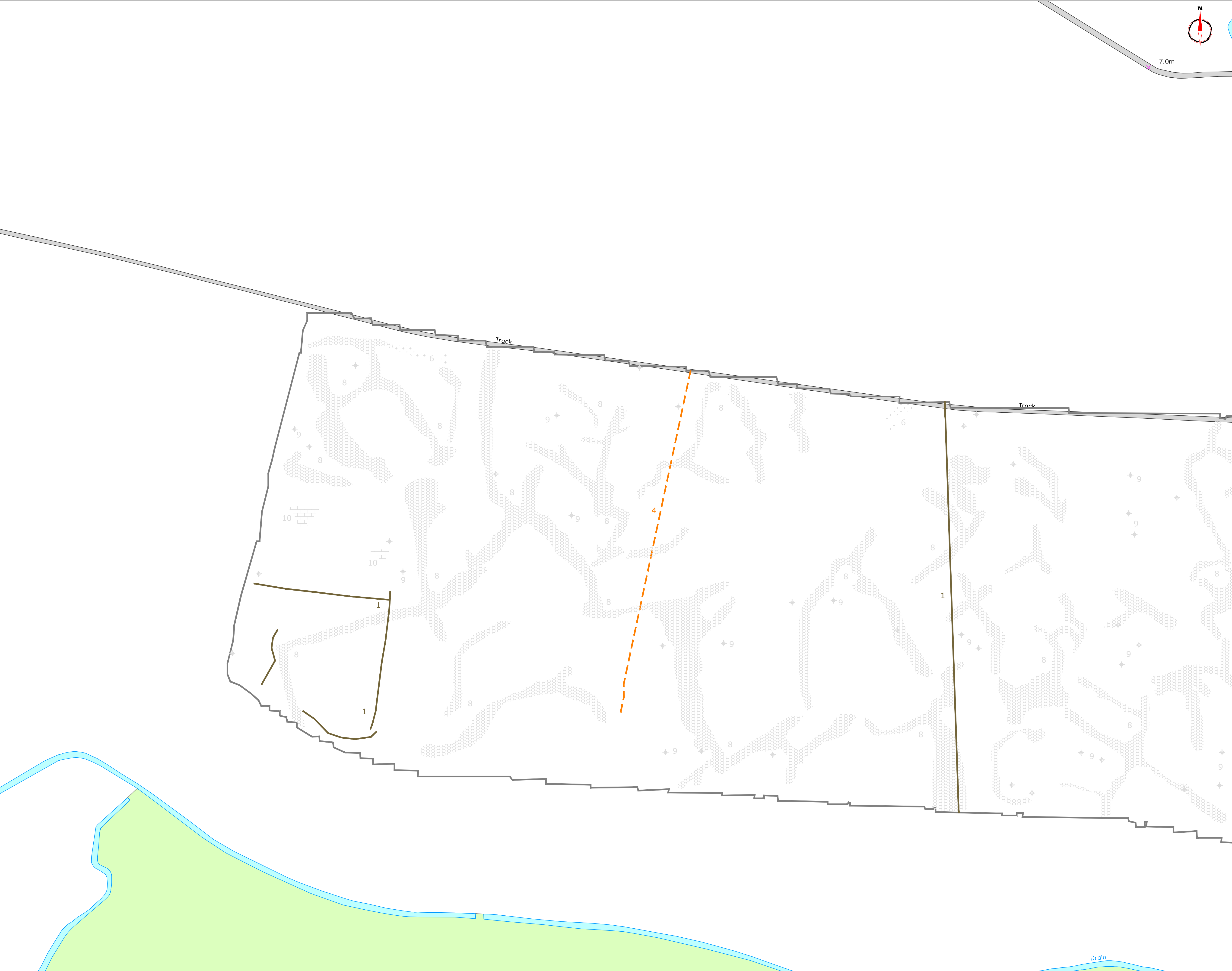
ISO 9001 certified
ISO 14001 certified

IMS
ISO 9001 certified
ISO 14001 certified

Scale 1:1250

0m 10 20 30 40 50 60 70 80m

| | | | | | |
|------|-----------|------------|------|------------|----|
| Plot | A1 | Checked by | PPB | Issue No. | 01 |
| Date | JULY 2014 | Drawn by | RARK | Figure No. | 05 |



| Amendments | | |
|-------------------------|------|-------------|
| Issue No. | Date | Description |
| - | - | - |
| - | - | - |
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KEY

PROBABLE ARCHAEOLOGY

- Positive anomaly / weak positive anomaly - probable cut feature of archaeological origin
- Negative anomaly / weak negative anomaly - probable bank or earthwork of archaeological origin
- Moderate strength discrete anomaly - probable thermoremanent feature
- Linear anomaly related to former field boundary (visible on historic mapping between 1880 and 1978)

POSSIBLE ARCHAEOLOGY

- Positive anomaly / weak positive anomaly - possible cut feature of archaeological origin
- Negative anomaly / weak negative anomaly - possible bank or earthwork of archaeological origin
- Moderate strength discrete anomaly - possible thermoremanent feature

OTHER ANOMALIES

- Amorphous anomaly related to former pond
- Linear anomaly - probably related to pipe, cable or other modern service
- Linear anomaly related to modern field boundary
- Magnetic disturbance associated with nearby metal object such as service or field boundary
- Magnetic disturbance associated with agricultural burning
- Linear Anomaly - probably associated with agricultural access route
- Area of amorphous magnetic variation - probable natural (e.g. geological or pedological) origin
- Magnetic Spike - probable ferrous object

| | | | |
|---|------|-------------|----------|
| Job No. | 6834 | Survey Date | MAY 2014 |
| Client | | | |
| ARCHAEOLOGICAL SOLUTIONS LTD. | | | |
| Project Title | | | |
| LANGENHOE HALL, HALL LANE, LANGENHOE, COLCHESTER, ESSEX | | | |
| Subject | | | |
| INTERPRETATION - WEST | | | |

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GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING
VINEYARD HOUSE
UPTON UPON SEVERN
WR8 0SA
T: 01684 592266
E: info@stratascan.co.uk
www.stratascan.co.uk

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ASSOCIATION

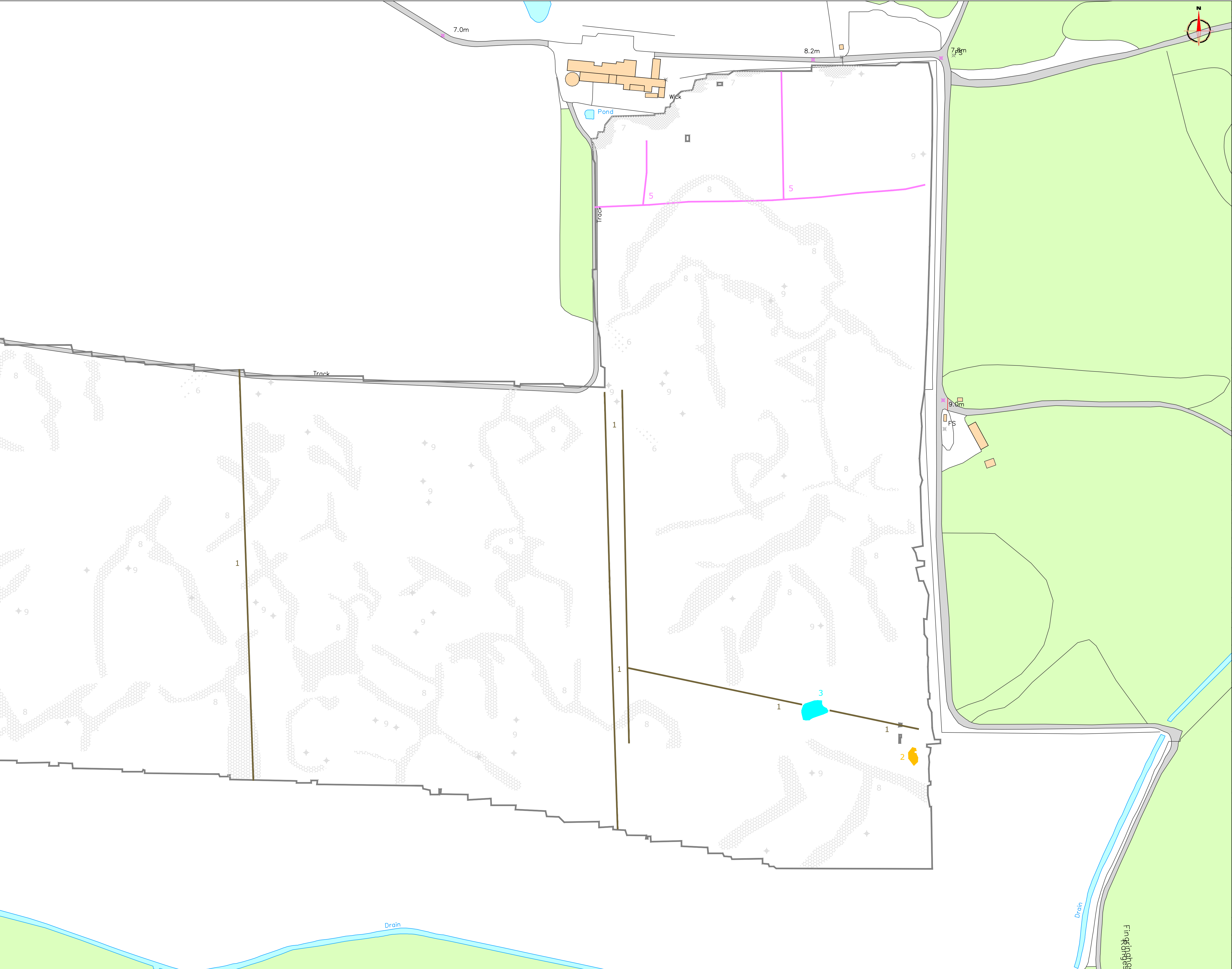
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UKAS
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|-------|-----------|---------------|
| Scale | 1:1250 | |
| Plot | A1 | Issue No. 01 |
| Date | JULY 2014 | Figure No. 06 |



| Amendments | | |
|-------------------------|------|-------------|
| Issue No. | Date | Description |
| - | - | - |
| - | - | - |
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KEY

PROBABLE ARCHAEOLOGY

Positive anomaly / weak positive anomaly - probable cut feature of archaeological origin

Negative anomaly / weak negative anomaly - probable bank or earthwork of archaeological origin

Moderate strength discrete anomaly - probable thermoremanent feature

Linear anomaly related to former field boundary (visible on historic mapping between 1880 and 1978)

POSSIBLE ARCHAEOLOGY

Positive anomaly / weak positive anomaly - possible cut feature of archaeological origin

Negative anomaly / weak negative anomaly - possible bank or earthwork of archaeological origin

Moderate strength discrete anomaly - possible thermoremanent feature

OTHER ANOMALIES

Amorphous anomaly related to former pond

Linear anomaly - probably related to pipe, cable or other modern service

Linear anomaly related to modern field boundary

Magnetic disturbance associated with nearby metal object such as service or field boundary

Magnetic disturbance associated with agricultural burning

Linear Anomaly - probably associated with agricultural access route

Area of amorphous magnetic variation - probable natural (e.g. geological or pedological) origin

Magnetic Spike - probable ferrous object

Job No.

6834

Survey Date

MAY 2014

Client

ARCHAEOLOGICAL SOLUTIONS LTD.

Project Title

LANGENHOE HALL, HALL LANE, LANGENHOE, COLCHESTER, ESSEX

Subject

INTERPRETATION - EAST

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GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING

VINEYARD HOUSE
UPTON UPON SEVERN
WR8 0SA

T: 01684 592266
E: info@stratascan.co.uk
www.stratascan.co.uk

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UKAS

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Scale

1:1250

0m 10 20 30 40 50 60 70 80m

Plot

A1

Checked by

PPB

Issue No.

01

Date

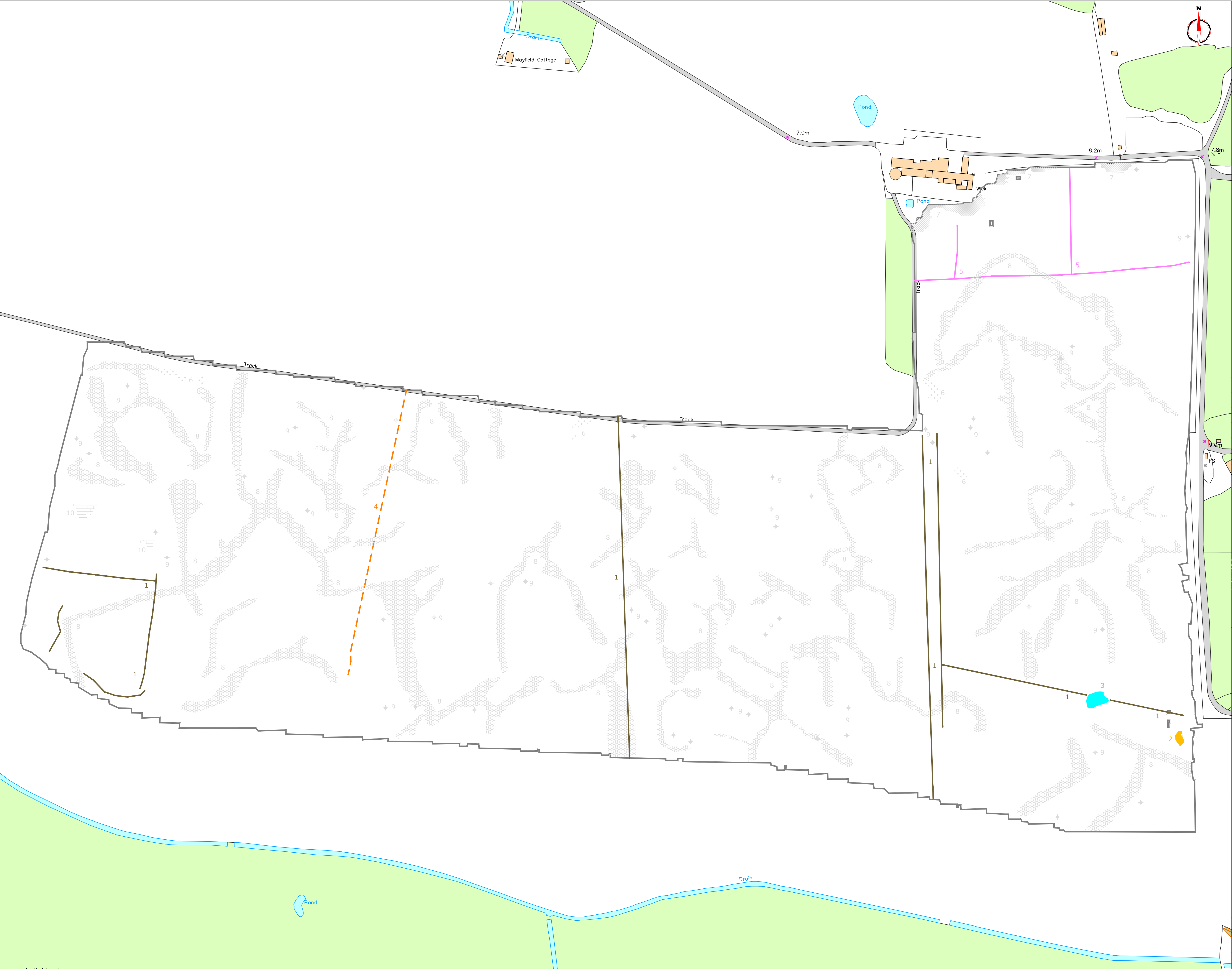
JULY 2014

Drawn by

OJP

Figure No.

07



| Amendments | |
|-------------------------|------|
| Issue No. | Date |
| - | - |
| - | - |
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KEY

PROBABLE ARCHAEOLOGY

- Positive anomaly / weak positive anomaly - probable cut feature of archaeological origin
- Negative anomaly / weak negative anomaly - probable bank or earthwork of archaeological origin
- Moderate strength discrete anomaly - probable thermoremanent feature
- Widely spaced curving parallel linear anomalies - probably related to ridge-and-furrow

POSSIBLE ARCHAEOLOGY

- Positive anomaly / weak positive anomaly - possible cut feature of archaeological origin
- Negative anomaly / weak negative anomaly - possible bank or earthwork of archaeological origin
- Moderate strength discrete anomaly - possible thermoremanent feature

OTHER ANOMALIES

- Closely spaced parallel linear anomalies - probably related to agricultural activity such as ploughing
- Linear anomaly - probably related to pipe, cable or other modern service
- Linear anomaly - possibly related to land drain
- Magnetic disturbance associated with nearby metal object such as service or field boundary
- Strong magnetic debris - possible disturbed or made ground
- Scattered magnetic debris
- Area of amorphous magnetic variation - probable natural (e.g. geological or pedological) origin
- Magnetic spike - probable ferrous object

| | | | |
|---|------|-------------|----------|
| Job No. | 6834 | Survey Date | MAY 2014 |
| Client | | | |
| ARCHAEOLOGICAL SOLUTIONS LTD. | | | |
| Project Title | | | |
| LANGENHOE HALL, HALL LANE, LANGENHOE, COLCHESTER, ESSEX | | | |
| Subject | | | |
| COMBINED INTERPRETATION | | | |

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VINEYARD HOUSE
UPTON UPON SEVERN
WR8 0SA

T: 01684 592266
E: info@stratascan.co.uk
www.stratascan.co.uk

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Scale 1:1500

0m 10 20 30 40 50 60 70 80 90m

| | | |
|--------|------------|------------|
| Plot | Checked by | Issue No. |
| A1 | PPB | 01 |
| Date | Drawn by | Figure No. |
| JUL 14 | OJP | 08 |