

Record Name: Gradiometer Survey

SWAAG ID Number: 771

Recorded Date: 2013-12-30 10:47:08

Recorded by: Stephen Eastmead

Category: Geophysical Record

Record Type: Archaeology

Site Access: Private

Record Date: 2013-12-29

Location: Hagg Farm Field 3884 Rectangular Bank / Platform

Civil Parish: Reeth

British National Grid: SE 05365 98844

Altitude: 206m

Description: Magnetic survey using a Bartington 601-2 Gradiometer. 20x20m grid. Images show the location on the 1:10,000 OS map and Google Earth, the precise GPS data and minimum processed survey data.

Additional Notes: Survey by Mike Walton and Stephen Eastmead.

SWAAG Site: Hagg Farm

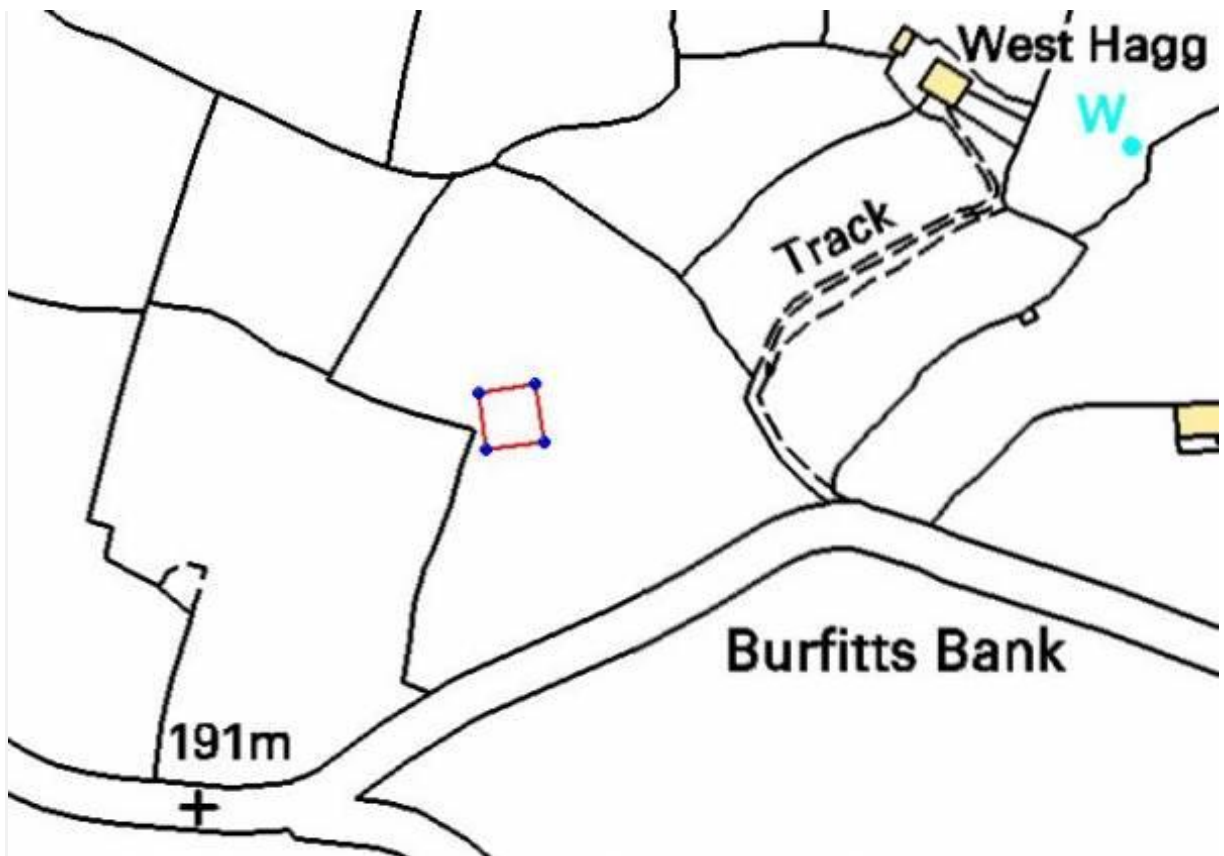
Last Update: 2014-01-02

Name	Description	East	North	Ortho height	Status	Constraints	Surv_Horz_Conf	Surv_Height_Conf	Type	Warning
base	base	405365.606	498844.38	209.353	Processed (stop&go)	No constraints	0.152	0.11	Logged Point	No
354		405365.996	498846.415	216.235	Estimated	No constraints	173.241	98	Logged Point	No
RICM	RICM	417208.263	501965.856	226.227	Estimated	No constraints	34.648	19.6	Logged Point	No
1	grid	405363.941	498864.204	206.057	Processed (stop&go)	No constraints	0.048	0.039	Logged Point	No
2	grid	405366.618	498844.334	205.255	Processed (stop&go)	No constraints	0.048	0.039	Logged Point	No
3	grid	405346.66	498841.581	204.97	Processed (stop&go)	No constraints	0.049	0.039	Logged Point	No
4	grid	405344.122	498861.397	206.424	Processed (stop&go)	No constraints	0.049	0.039	Logged Point	No
5	grid	405363.656	498864.235	206.075	Processed (stop&go)	No constraints	0.049	0.04	Logged Point	No

Record Number 771 >>> Image 1: GPS corrected data Confidence 4-5cm horizontally and vertically

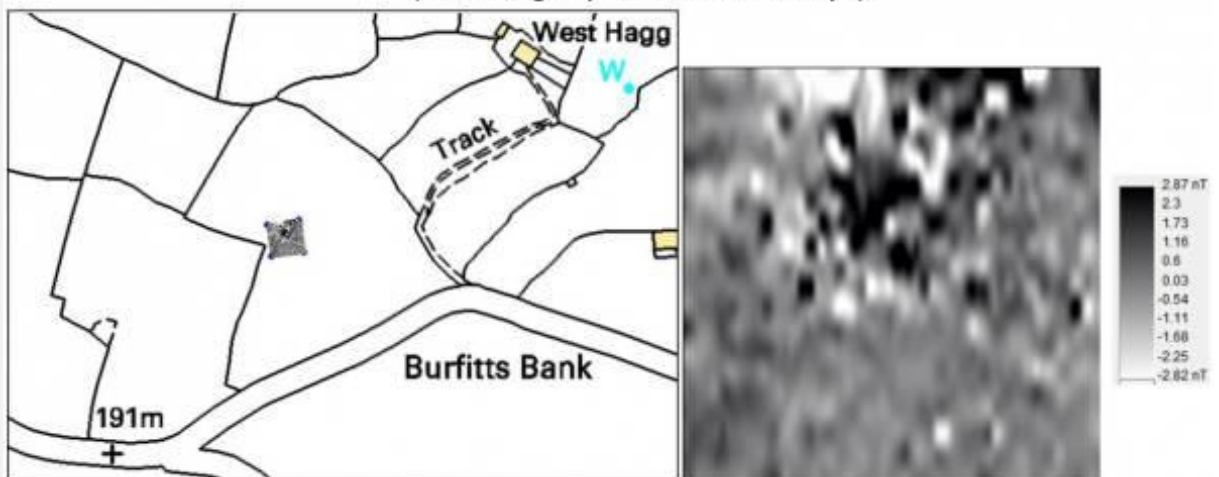


Record Number 771 >>> Image 2: Grid location on Google Earth



Record Number 771 >>> Image 3: Grid Location on OS 1:10,000 map. ©Crown copyright and database rights 2011 Ordnance Survey 1000237401, kindly supplied by the North Yorkshire Dales National Park Authority.

Hagg Farm Field 3884 SWAAG Feature 301 - Rectangular Bank  
 Magnetometry 29/12/2013 ©SWAAG  
 (Processing Clip +/- 1sd and destripe)



Record Number 771 >>> Image 4: Gradiometer data ©SWAAG Map: ©Crown copyright and database rights 2011 Ordnance Survey 1000237401, kindly supplied by the North Yorkshire Dales National Park Authority.



Record Number 771 >>> Image 5: Collecting the grid GPS data with the bank in the background.

Record Name: Gradiometer Survey  
SWAAG ID Number: 772  
Recorded Date: 2014-01-13 15:47:42  
Recorded by: Stephen Eastmead  
Category: Geophysical Record  
Record Type: Archaeology  
Site Access: Private  
Record Date: 2014-01-11  
Location: Hagg Farm Field 3884  
Civil Parish: Reeth  
British National Grid: SE 0536 9884  
Altitude: 206  
Description: Magnetic survey using a Bartington 601-2 Gradiometer. Six 30x30m grid.

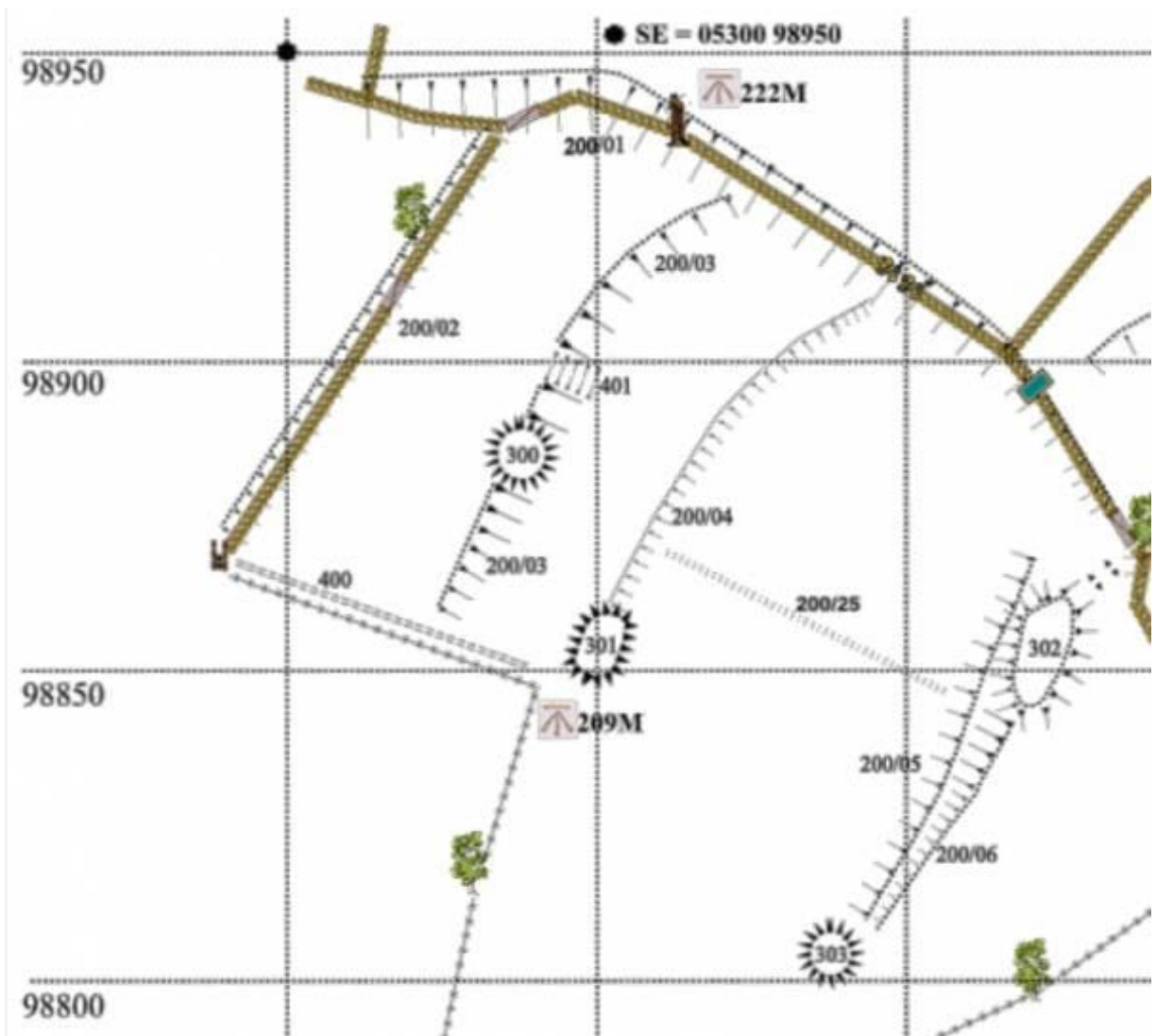
Dimensions: 5400 sq metres  
SWAAG Site: Hagg Farm  
Last Update: 2014-02-01



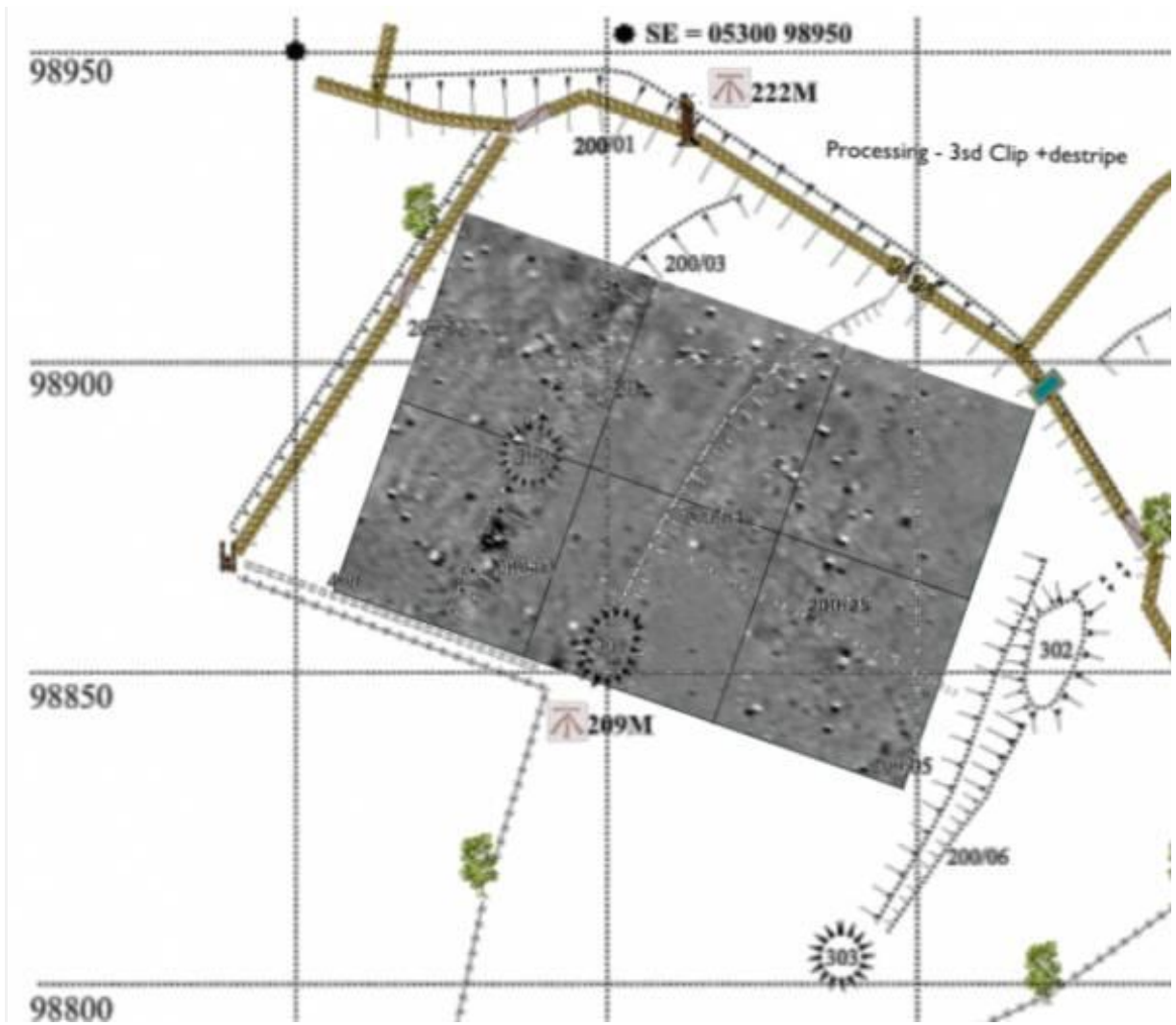
Record Number 772 >>> Image 1: GPS location in GoogleEarth of Gradiometric survey



Record Number 772 >>> Image 2: Gradiometric survey in Google Earth



Record Number 772 >>> Image 3: SWAAG GPS survey from 2010



Record Number 772 >>> Image 4: SWAAG GPS survey from 2010 plus Gradiometric survey

Record Name: Ellerton Priory Geophysical Survey Phase 1

SWAAG ID Number: 781

Recorded Date: 2014-03-01 07:00:12

Recorded by: Stephen Eastmead

Category: Geophysical Record

Record Type: Archaeology

Site Access: Private

Record Date: 2014-02-28

Location: Ellerton Priory - west field

Civil Parish: Ellerton Abbey

British National Grid: SE 0770 9727

Altitude: 180

Description: Ellerton Priory west field geophysical survey phase 1 (interim data) shows the primary data from a gradiometer survey using a Bartington 601-2 instrument.

The survey will be published at a later date and submitted to the Heritage Gateway via OASIS.

Copies of the report will be made available through the Heritage Gateway, the YDNPA HER and by SWAAG.

This survey is taking place in association with the YDNPA and English Heritage.

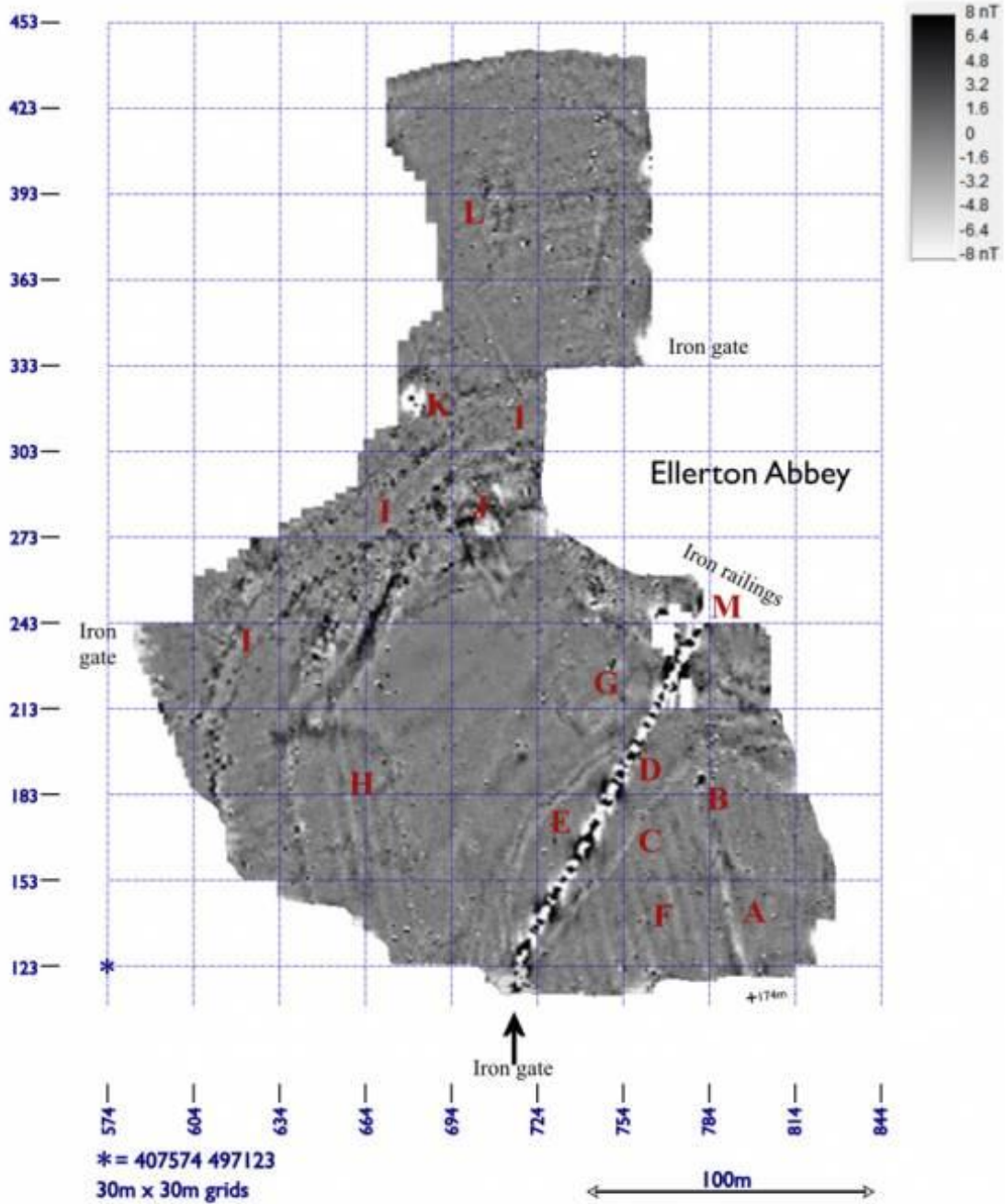
Dimensions: Approximately 4 hectares

Last Update: 2014-03-02

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 Gradiometer Survey Ellerton Priory Feb 2014



- Wall
- - - - - Iron railings
- ..... Escarpment edge
- Culvert



Record Number 781 >>> Image 1: Major Features

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Gradiometer Survey Ellerton Priory Feb 2014

Feature Index:

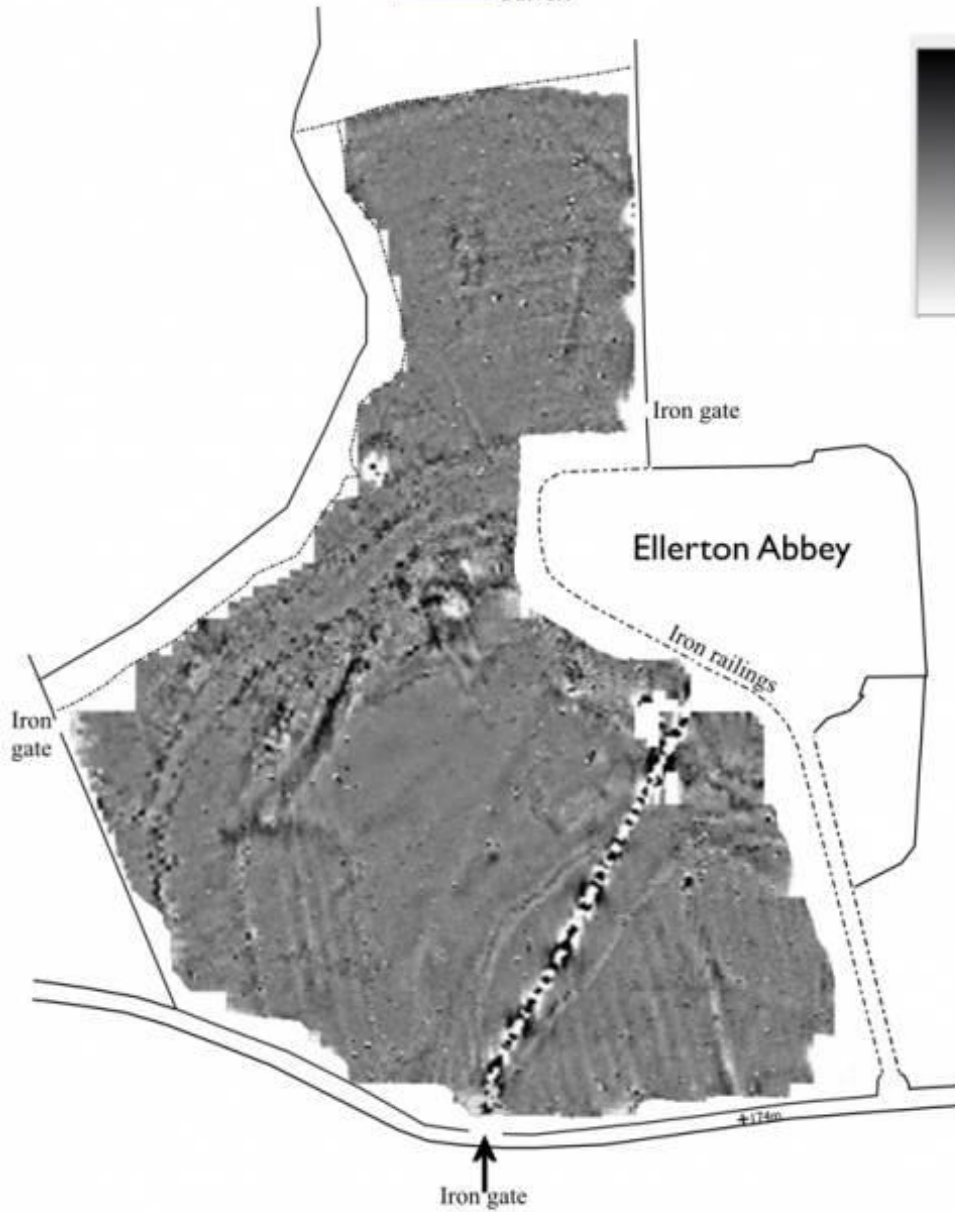
- A = Possible early field boundary that appears to extend under B.
- B = Large mound that appears to be a field clearance mound.
- C = Stone flagged culvert with running water which appears to enter a modern drainage pipe somewhere near the north end of B, and then extends eastwards under the drive to Ellerton Abbey House.
- D = Likely cast iron water main to Ellerton Abbey House.
- E = Probably medieval ditch supplying water to G.
- F = Rig and furrow ploughing.
- G = Appears to be a series of 4 'fish ponds', the north-east one has been substantially filled with stone.
- H = Series of north-south lynchets / banks.
- I = Cart-track route from road up towards the Priory.
- J = Series of 3 possible scooped platforms.
- K = Magnetic anomaly in an area of earthworks/?foundation walls and the main access route down the escarpment to the River Swale.
- L = Possible rectangular structure.
- M = Blank areas not surveyed due to large fallen trees / branches / wet areas / iron railings.

Features/areas: J, K and L to be surveyed using Geoscan RM85 Multi-Probe Array.

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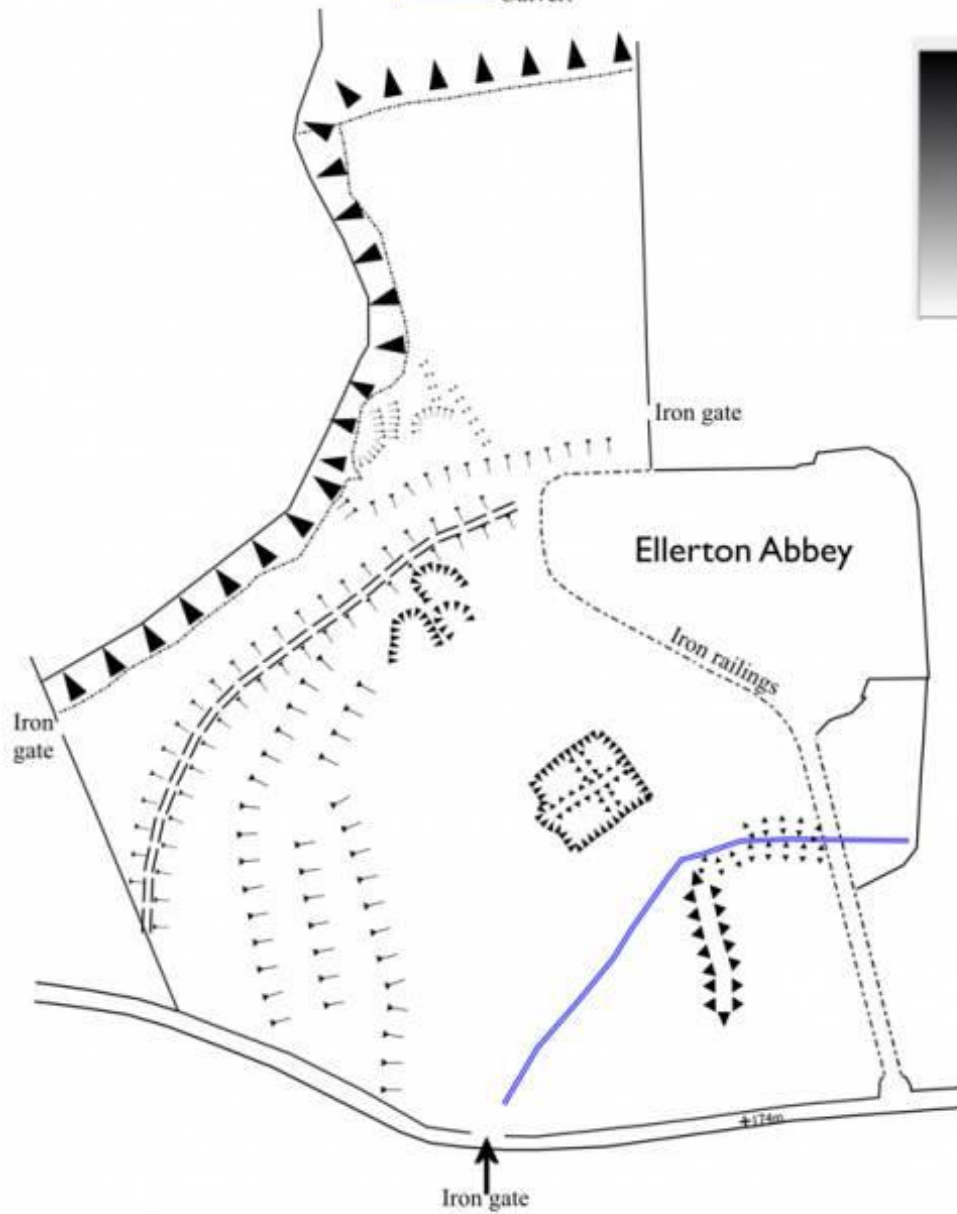


Record Number 781 >>> Image 3: Gradiometer survey

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- Wall
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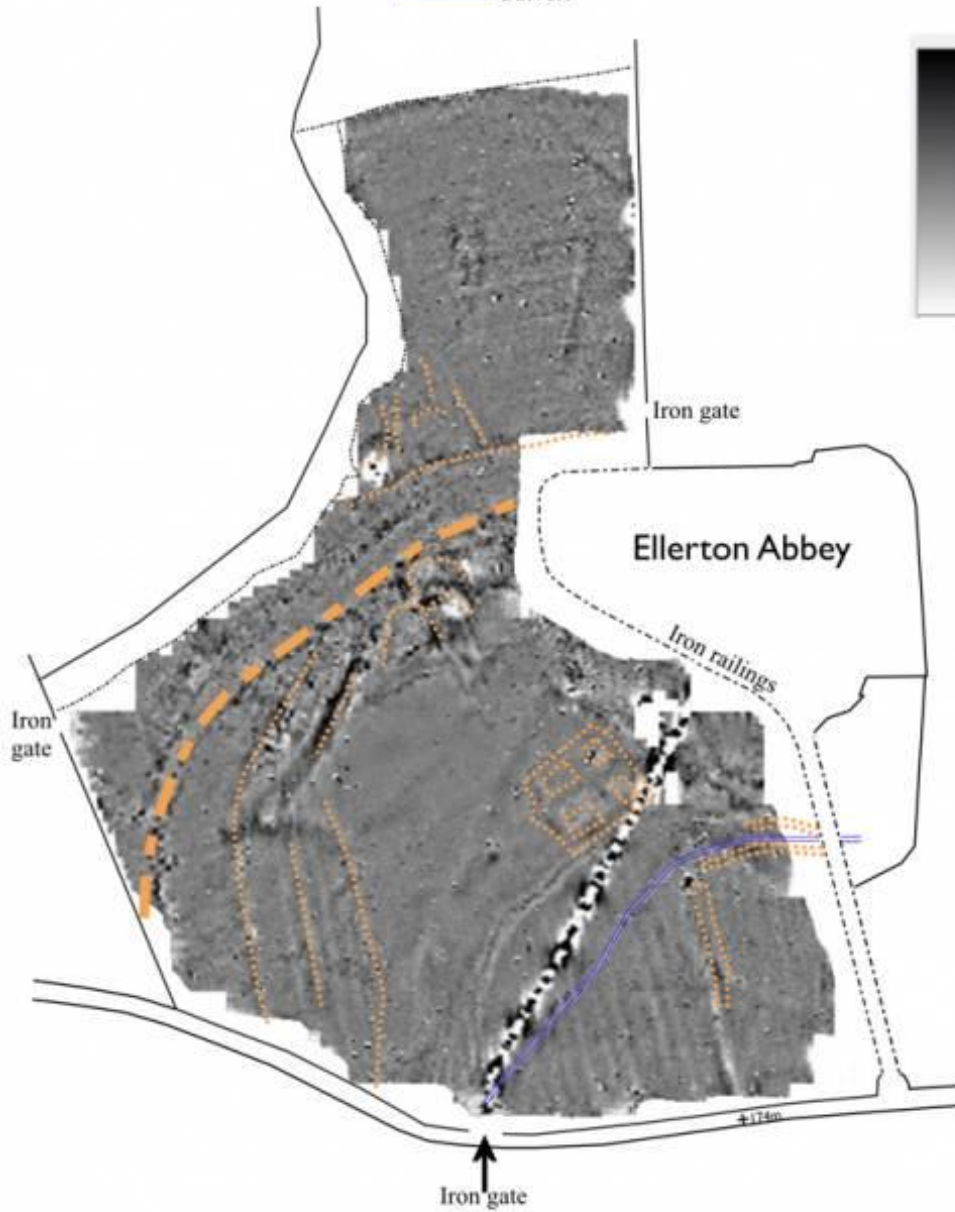


Record Number 781 >>> Image 4: GPS Survey

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Record Number 781 >>> Image 5: Gradiometer data with GPS survey overlay

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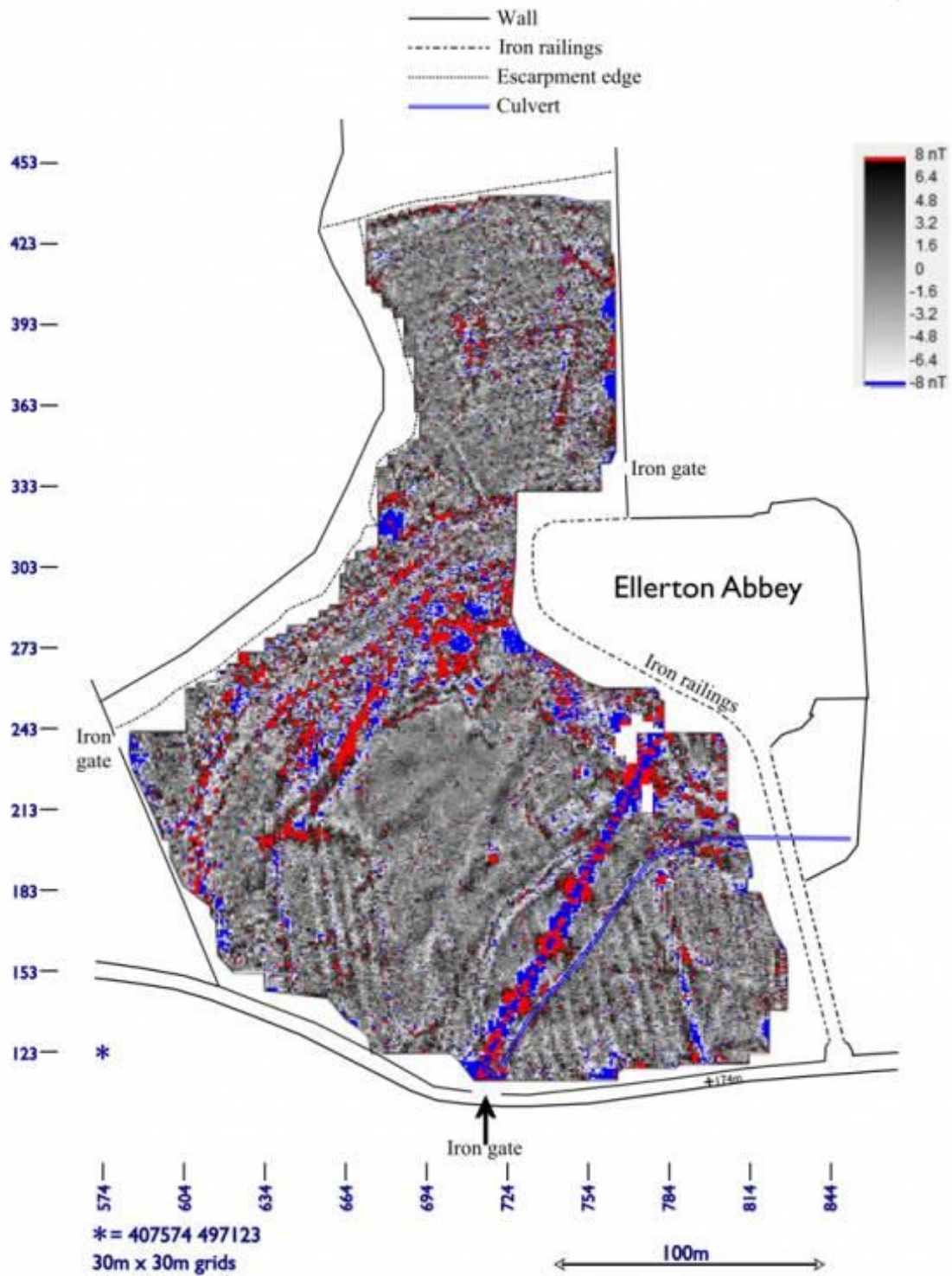
Record Number 781 >>> Image 6: Google Earth view of field

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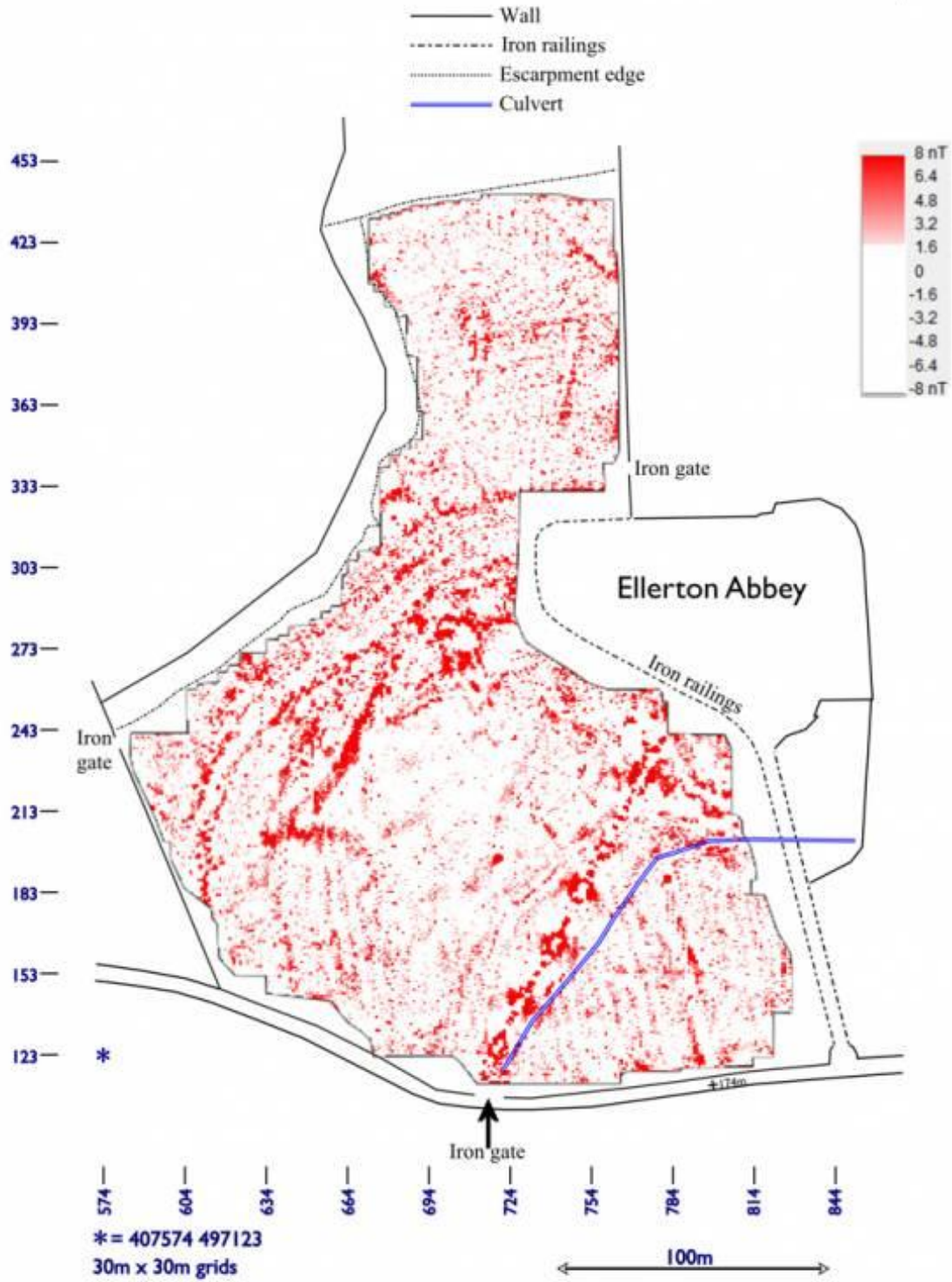
Record Number 781 >>> Image 7: Google Earth view with gradiometer data overlay

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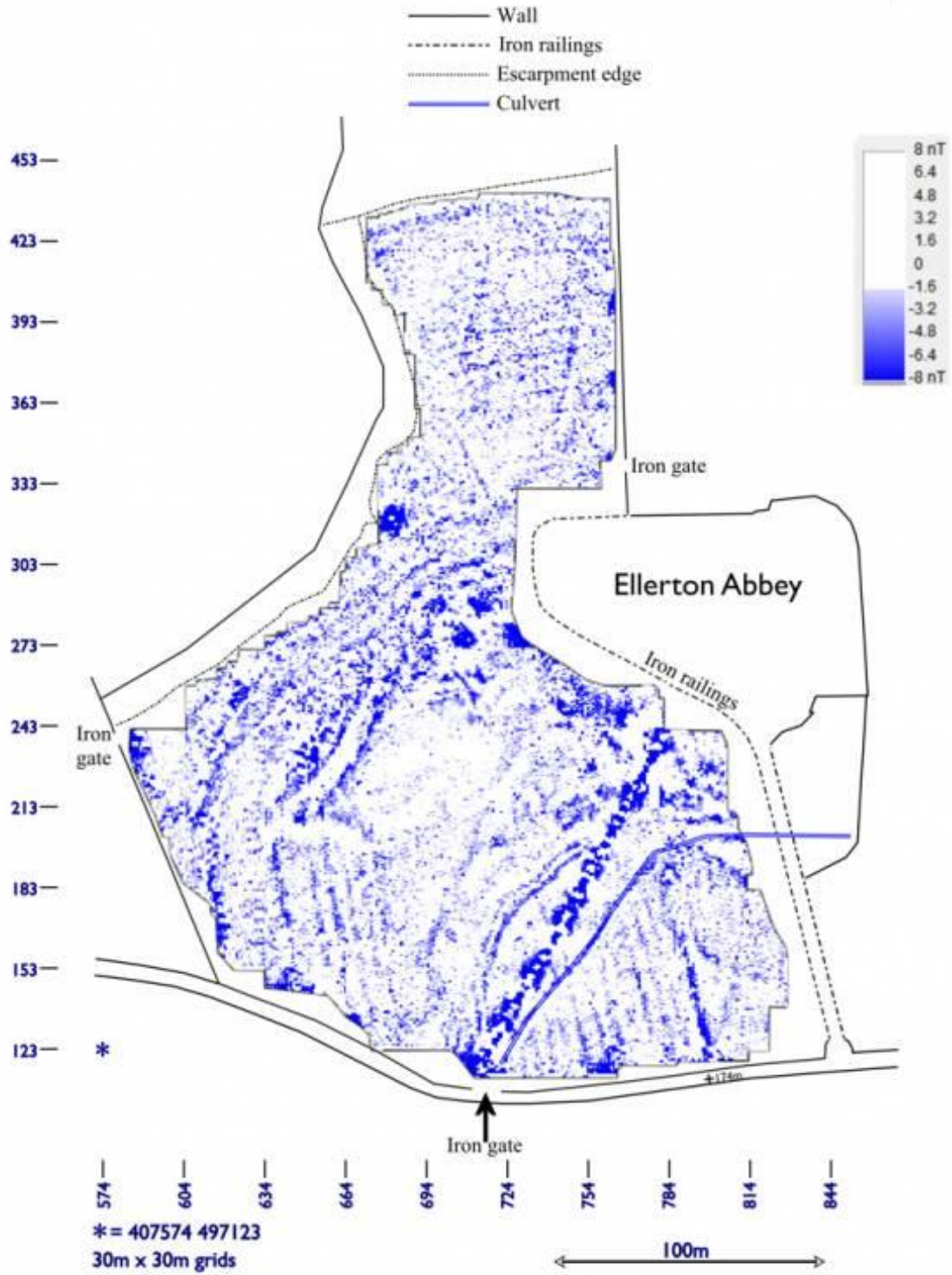
Record Number 781 >>> Image 8: Strong and dipolar magnetic anomalies

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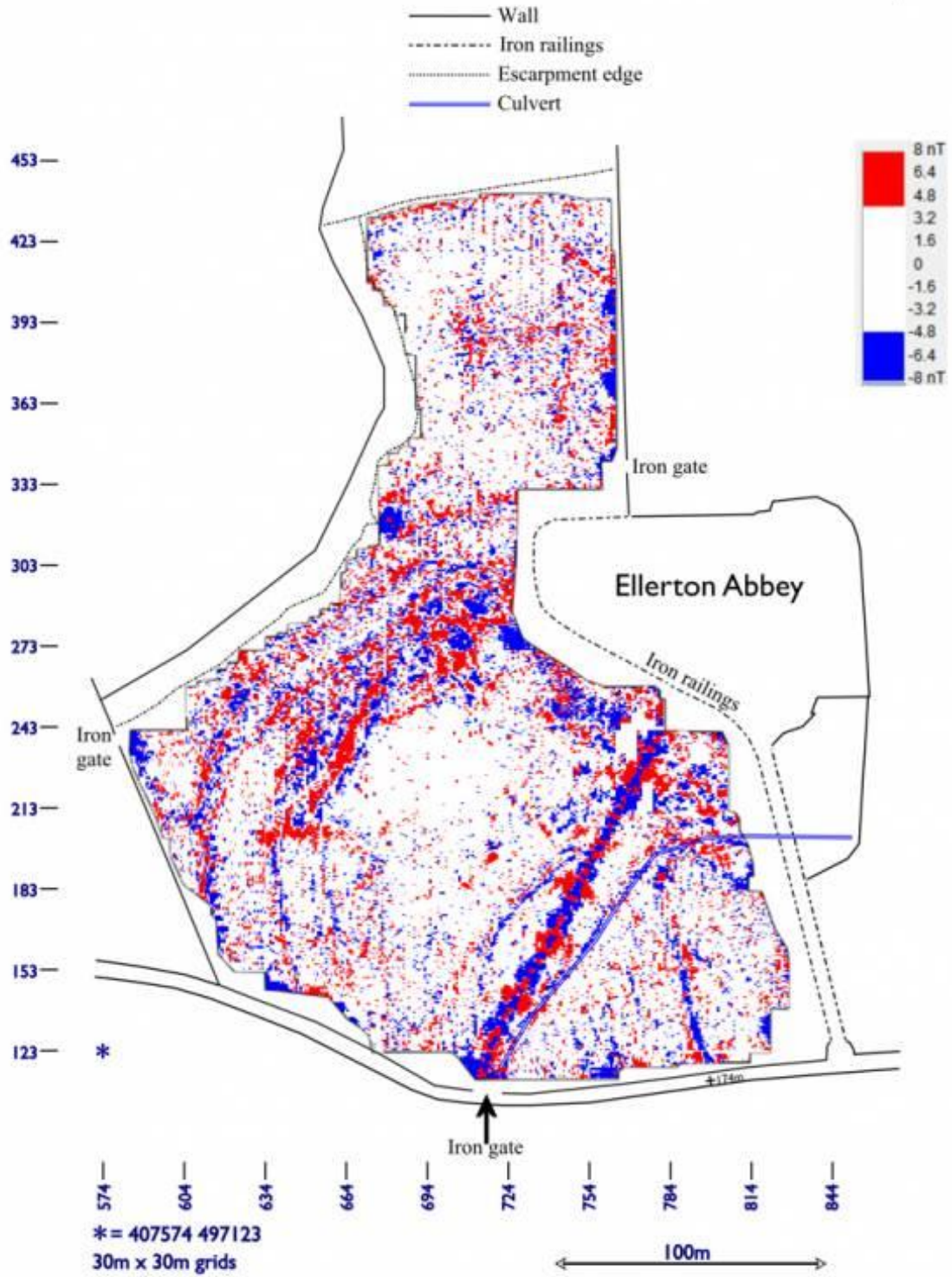
Record Number 781 >>> Image 9: Positive magnetic anomalies

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Record Number 781 >>> Image 10: Negative magnetic anomalies

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Record Number 781 >>> Image 11: Magnetic anomalies