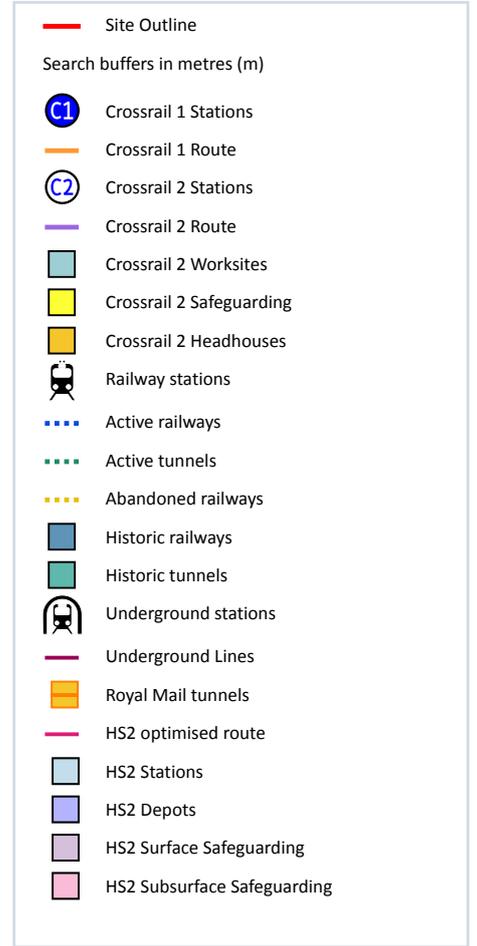


22 Railway infrastructure and projects



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22.1 Underground railways (London)

Records within 250m

0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m

0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

4

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

Features are displayed on the Railway infrastructure and projects map on [page 122 >](#)

Location	Land Use	Year of mapping	Mapping scale
191m E	Railway Sidings	1966	10560
213m NE	Railway Sidings	1956	2500
230m E	Railway Sidings	1951	10560
236m E	Railway Sidings	1948	10560

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m

0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.



22.6 Historical railways

Records within 250m

1

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

Features are displayed on the Railway infrastructure and projects map on [page 122 >](#)

Location	Description
226m NE	Historic

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m

0

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 1

Records within 500m

0

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

22.9 Crossrail 2

Records within 500m

0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.10 HS2

Records within 500m

0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe)



is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 Ltd.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference> ↗.

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Premier Inn, Maple Road,
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Client Ref: EMS_952452_1182574
Report Ref: EMS-952452_1210473
Grid Ref: 433546, 399070

Map Name: County Series

Map date: 1893

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1893
Revised 1893
Edition N/A
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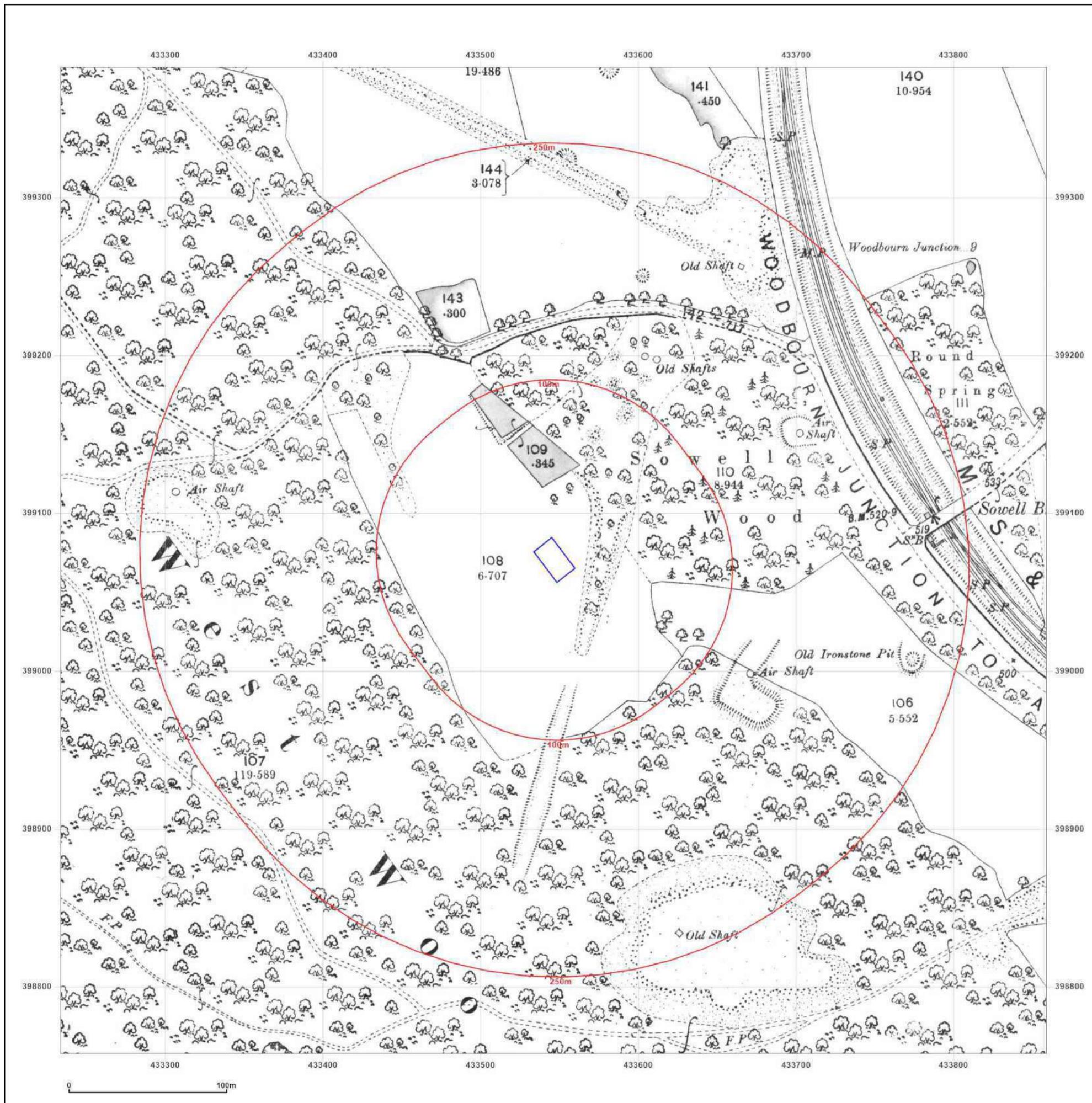


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Client Ref: EMS_952452_1182574
Report Ref: EMS-952452_1210473
Grid Ref: 433546, 399070

Map Name: County Series

Map date: 1905

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1905
Revised 1905
Edition N/A
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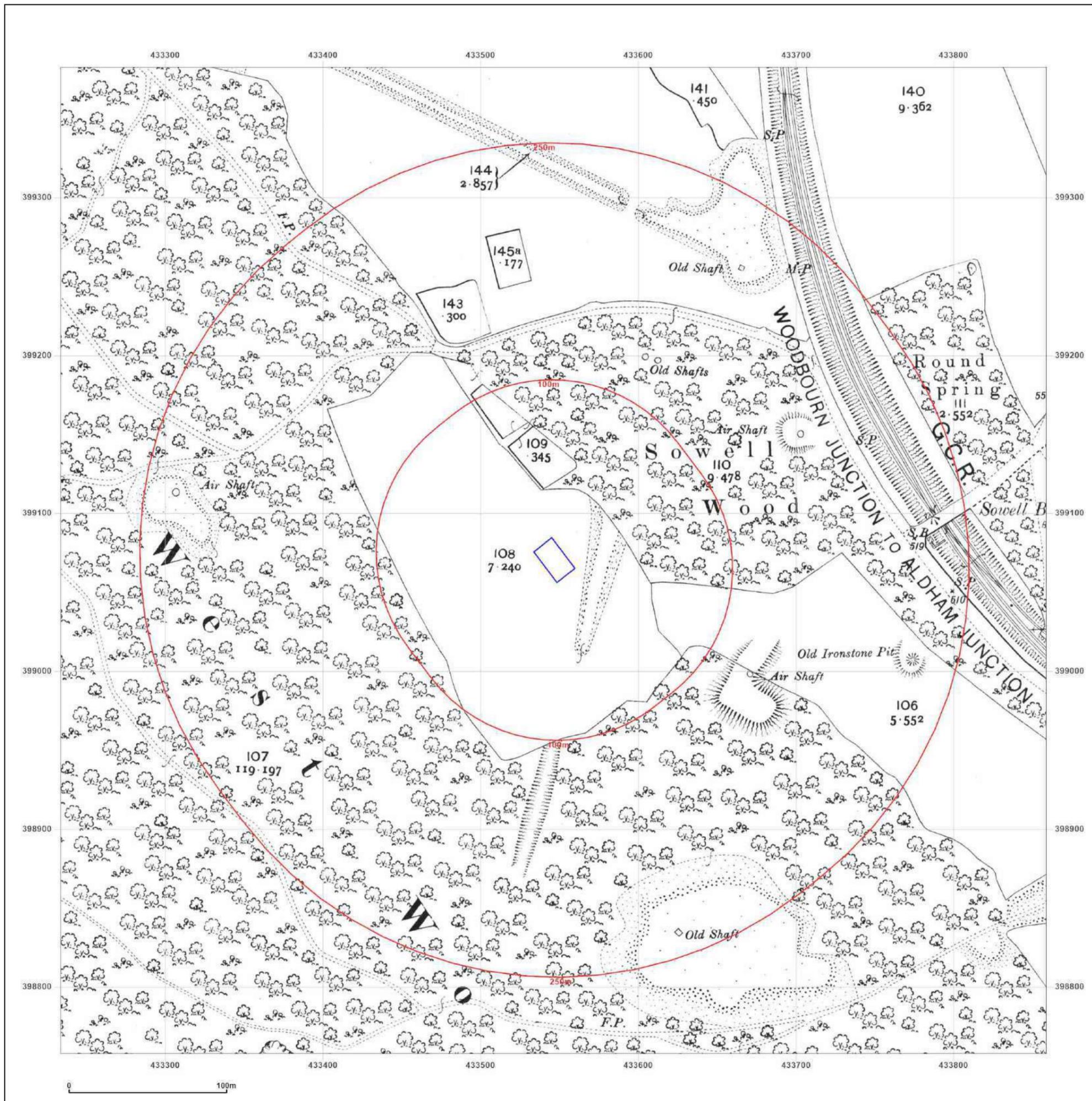


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Client Ref: EMS_952452_1182574
Report Ref: EMS-952452_1210473
Grid Ref: 433546, 399070

Map Name: County Series

Map date: 1931

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1931
Revised 1931
Edition N/A
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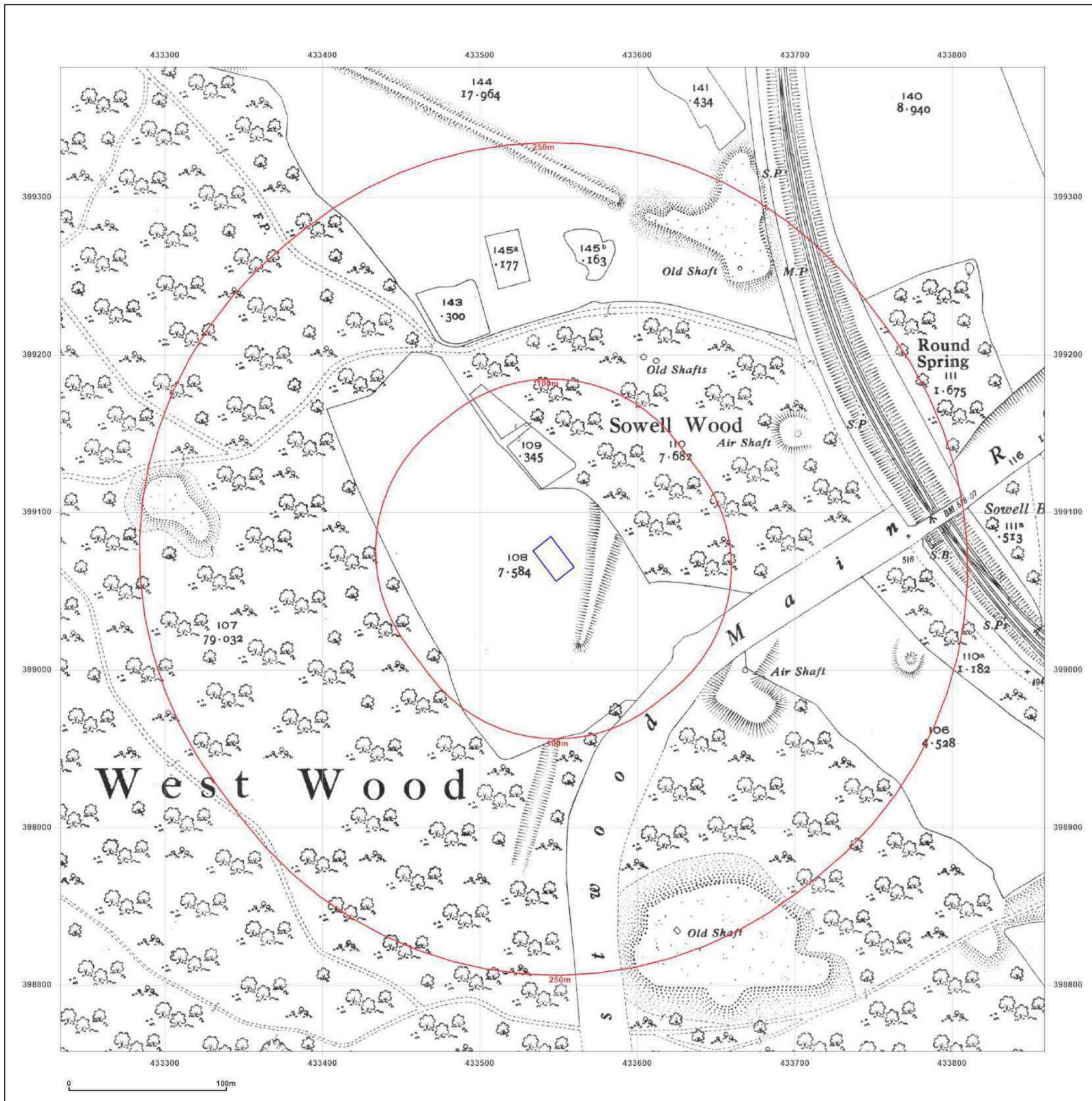


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Client Ref: EMS_952452_1182574
Report Ref: EMS-952452_1210473
Grid Ref: 433546, 399070

Map Name: National Grid

Map date: 1956

Scale: 1:2,500

Printed at: 1:2,500



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Surveyed 1956
Revised 1956
Edition N/A
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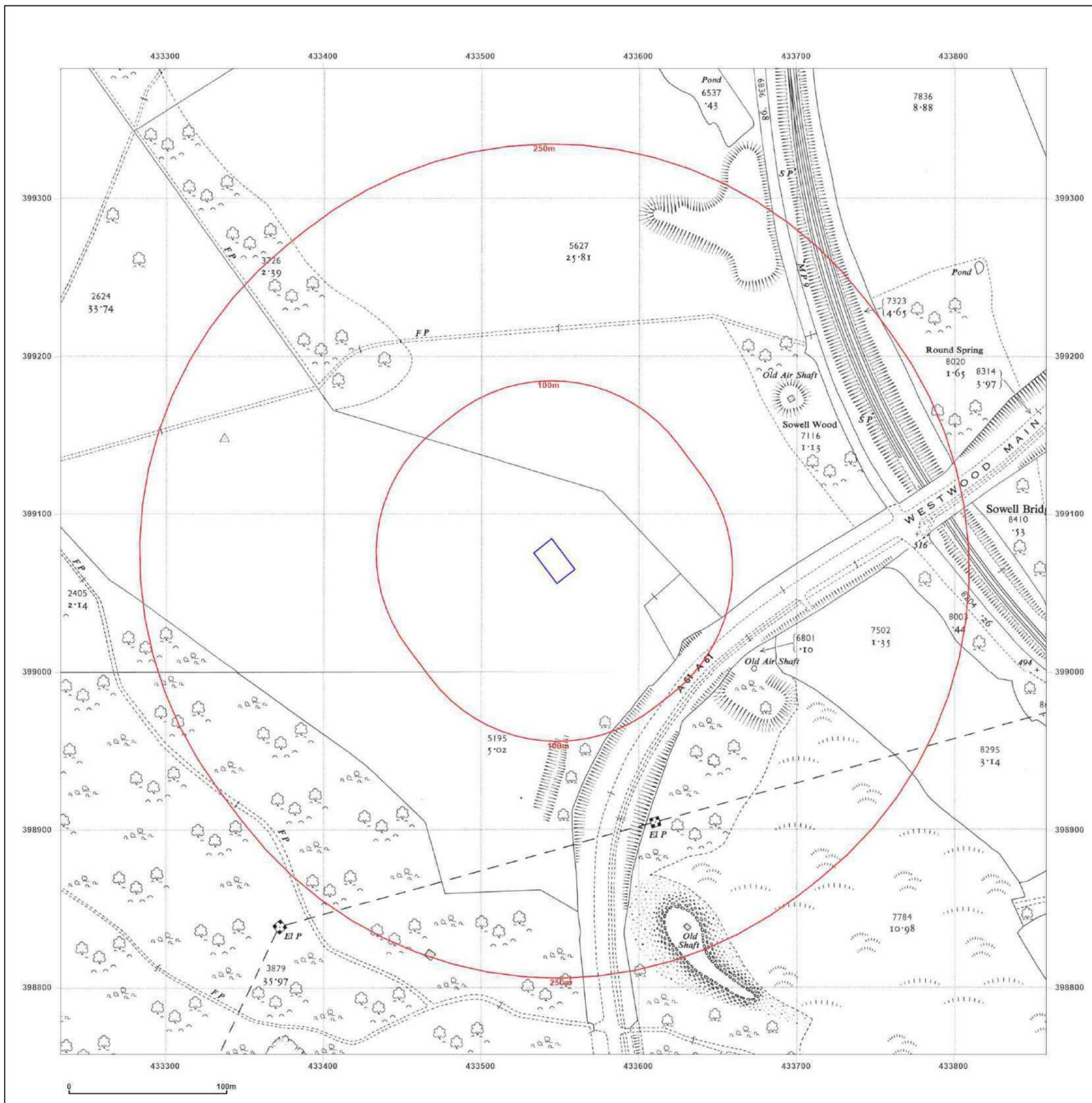


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Report Ref: EMS-952452_1210473
Grid Ref: 433546, 399070

Map Name: National Grid

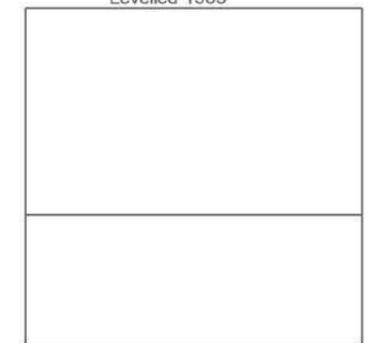
Map date: 1981

Scale: 1:2,500

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Surveyed N/A
Revised N/A
Edition N/A
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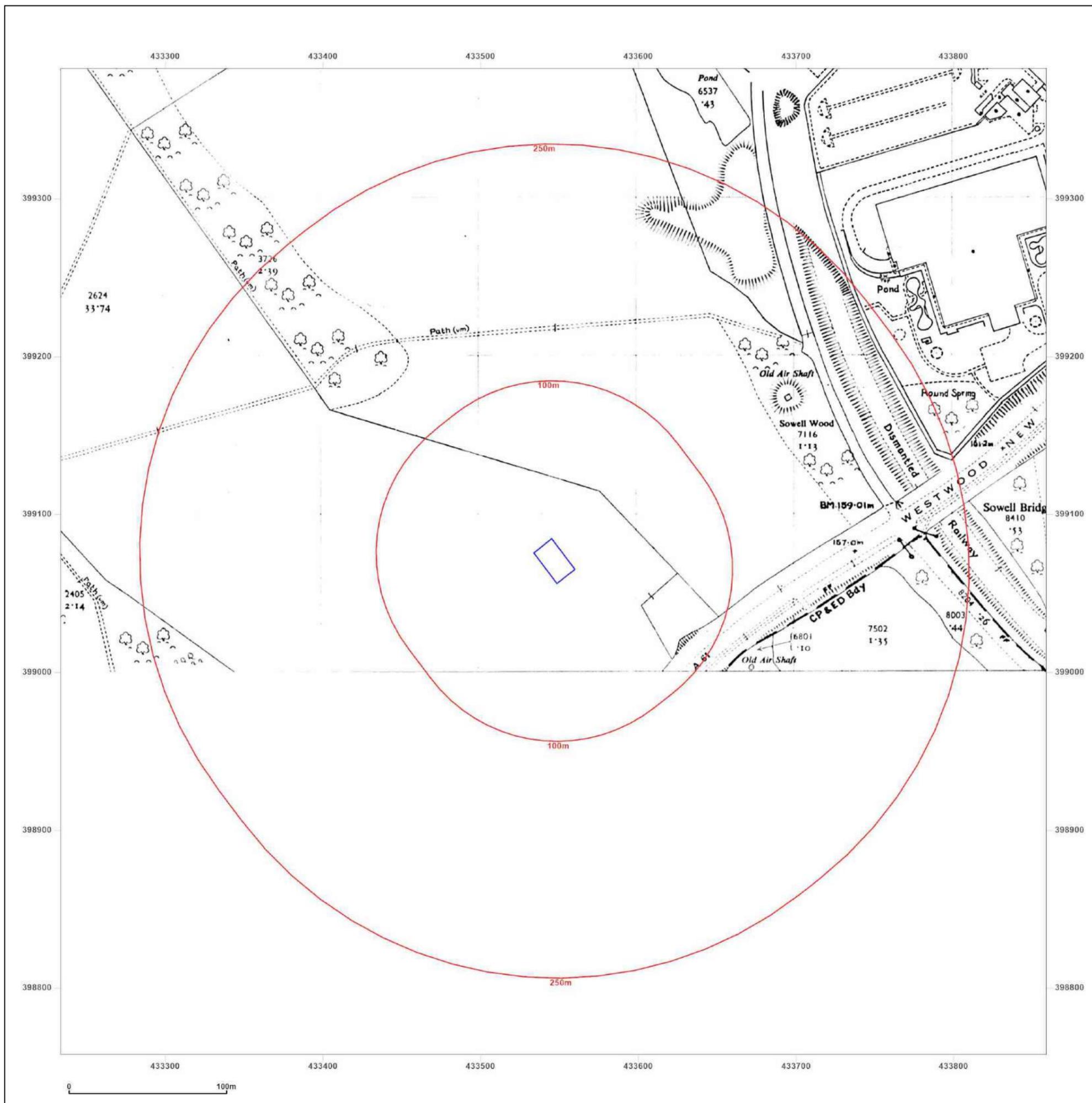


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Report Ref: EMS-952452_1210473
Grid Ref: 433546, 399070

Map Name: National Grid

Map date: 1984-1989

Scale: 1:2,500

Printed at: 1:2,500



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Edition N/A
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Surveyed 1963
Revised 1984
Edition N/A
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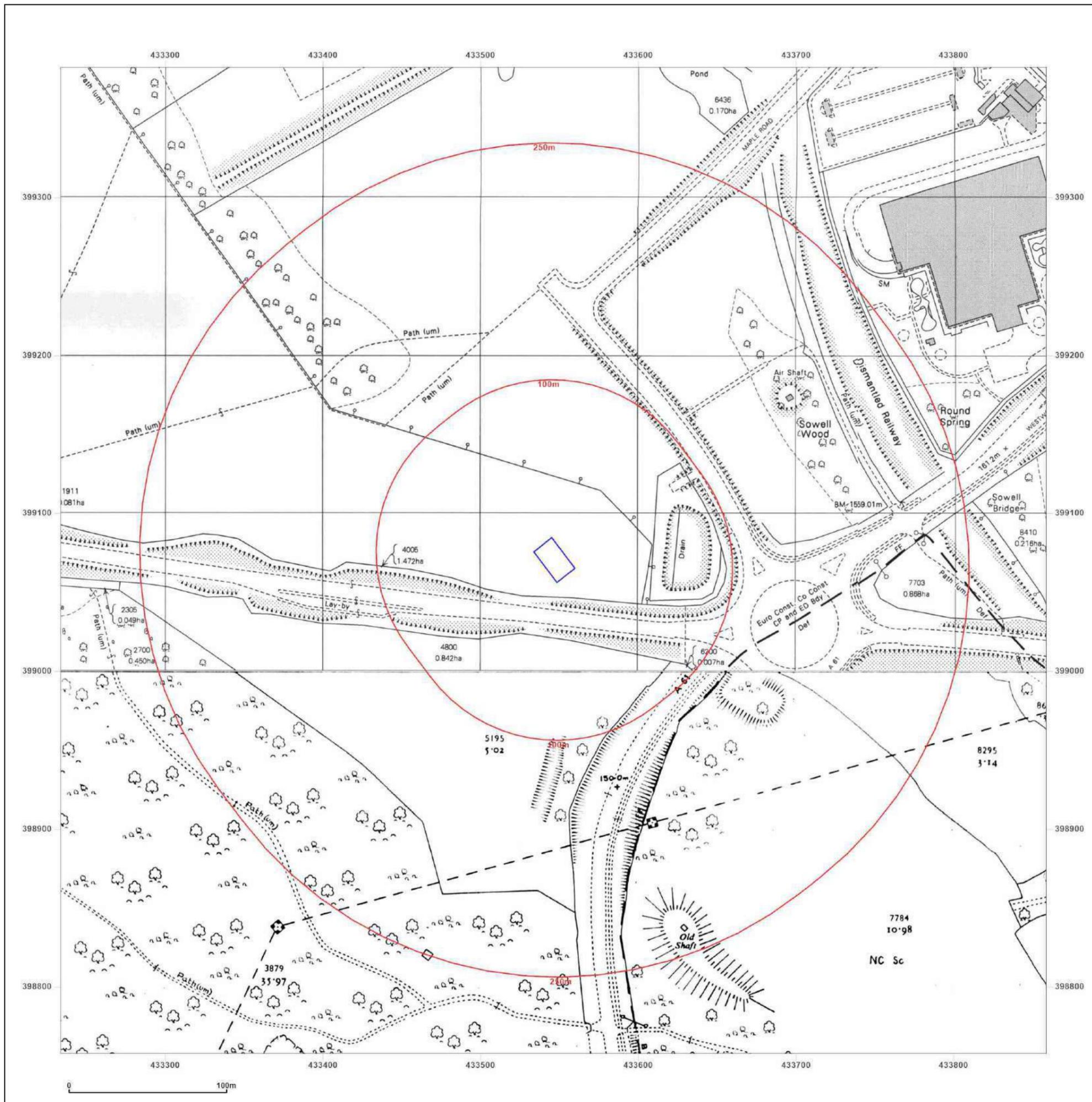


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Grid Ref: 433546, 399070

Map Name: National Grid

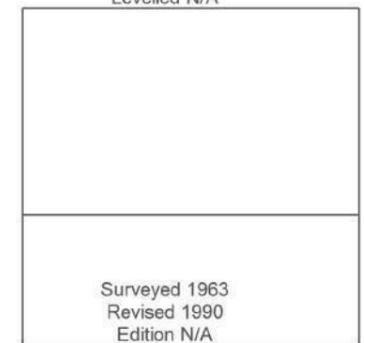
Map date: 1990-1993

Scale: 1:2,500

Printed at: 1:2,500



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Edition N/A
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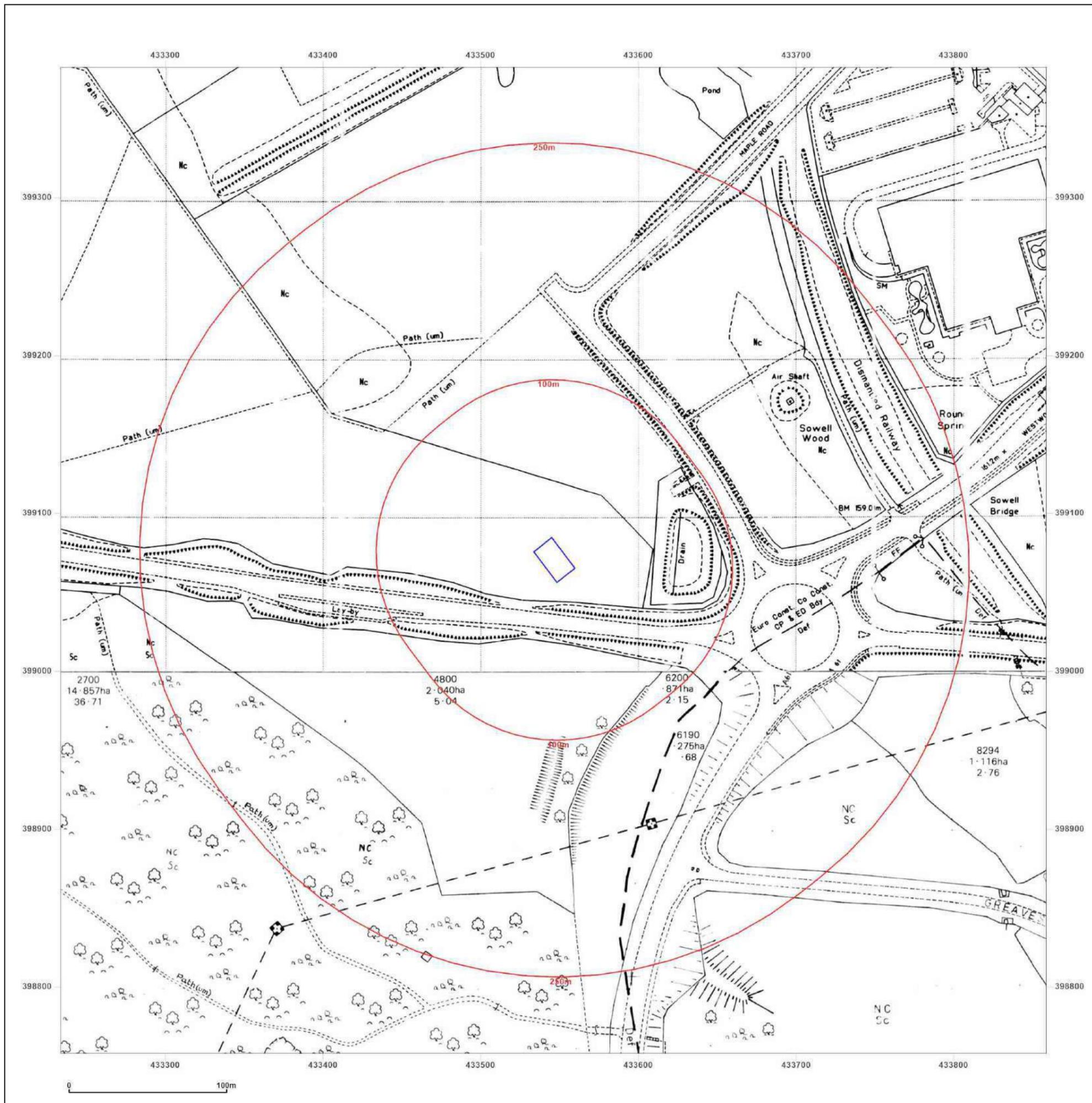


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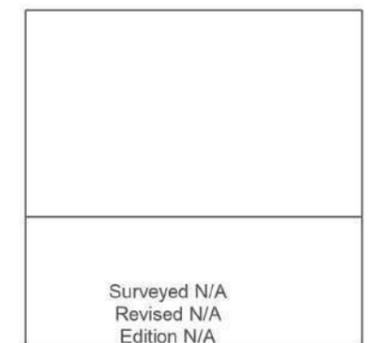
Client Ref: EMS_952452_1182574
Report Ref: EMS-952452_1210473
Grid Ref: 433546, 399070

Map Name: National Grid

Map date: 1993

Scale: 1:2,500

Printed at: 1:2,500



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Edition N/A
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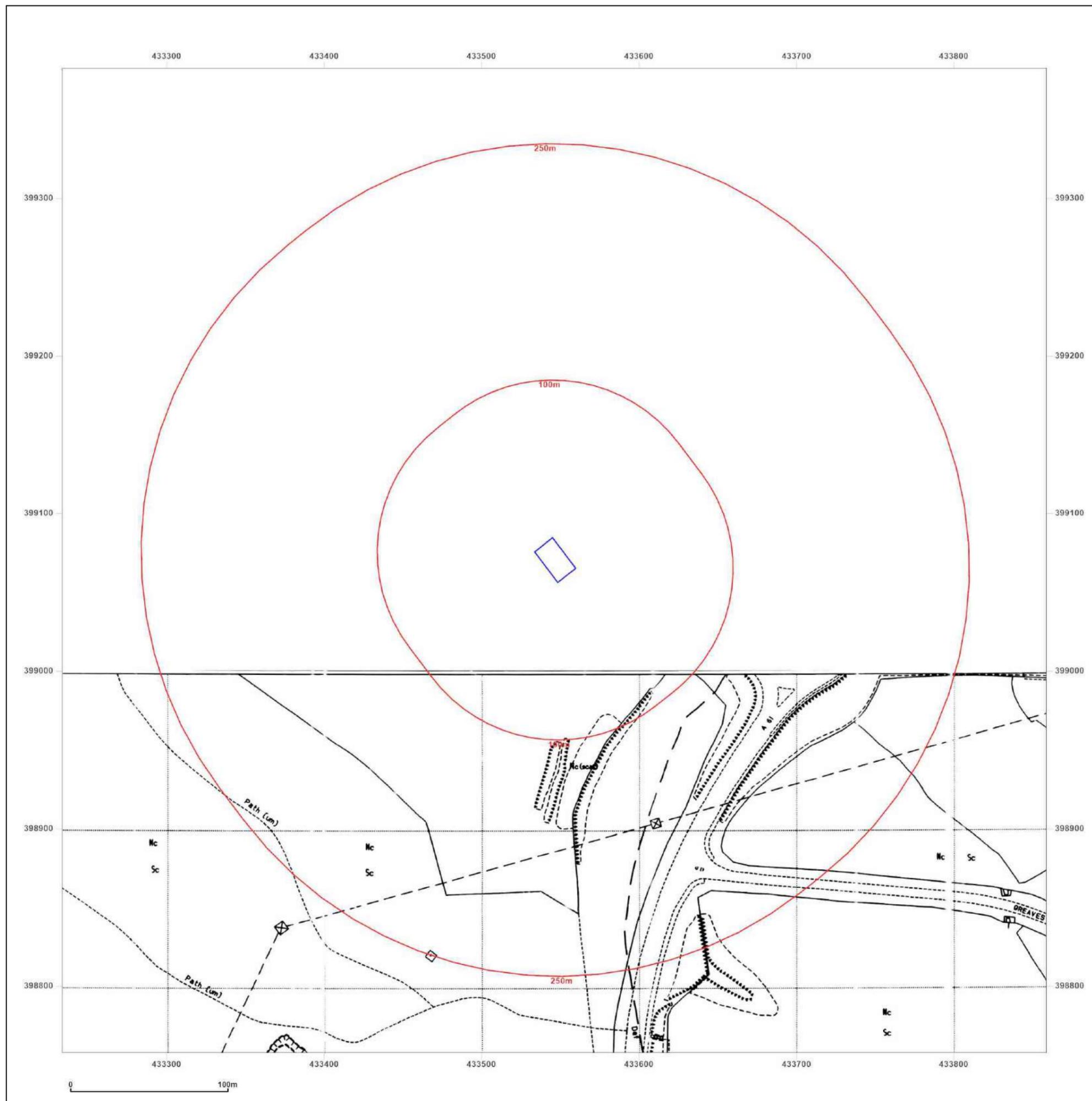


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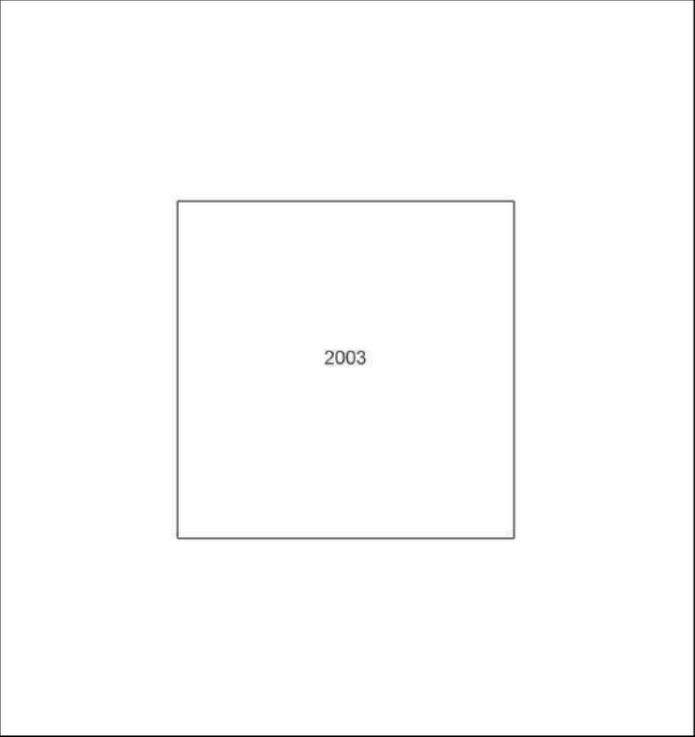
Client Ref: EMS_952452_1182574
Report Ref: EMS-952452_1210473
Grid Ref: 433546, 399070

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250



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County Series 1:10,560 scale

VEGETATION

	Fir Wood		Deciduous Wood
	Mixed Wood		Brushwood
	Orchard		Reeds
	Rough Pasture		Furze
	Marsh		Osiers

ROADS

	Railway over Road		Road over Railway
	Road over River or Canal		Level Crossing
	Railway over River		Road over Stream
	Road over Stream		Sunken Road
	Raised Road		

RAILWAYS

	Double Lines of Railway		Single Lines of Railway and Tramway
--	-------------------------	--	-------------------------------------

GENERAL FEATURES

	Gravel Pit		Sand Pit
	Quarry		Shingle
	Other Pits		Antiquities, Site of
			Arrow, showing direction of flow of water
			Trigonometrical Station

BOUNDARIES

	County Boundary		Parliamentary Division Boundary
	Parish Boundary		Union Boundary
	Contours		Rural District Boundary

National Grid 1:10,000 scale

HEIGHTS (METRES)

Values are given in metres above mean sea level at Newlyn.

Surface heights determined by ground survey $\pm 163m$
 air survey ± 100

Bench marks and their values are shown on large scale maps, and bench mark lists containing fuller and possibly later levelling information are obtainable from the Director General, Ordnance Survey.

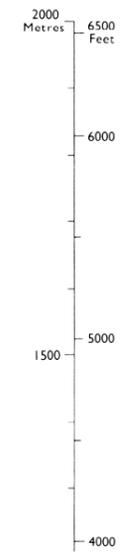
Contours are at 5 metres vertical interval.

ROCK FEATURES

	Loose rock		Vertical face
	Boulders		
	Outcrop		
	Scree		

CONVERSION SCALE

Metres - Feet



ABBREVIATIONS

BP,BS	Boundary Post or Stone	PO	Post Office
Ch	Church	PC	Public Convenience
CH	Club House	PH	Public House
F Sta	Fire Station	S	Stone
FB	Foot Bridge	Spr	Spring
Fn	Fountain	TCB	Telephone Call Box
GP	Guide Post	TCP	Telephone Call Post
MP,MS	Mile Post or Stone	TH	Town Hall
P	Pole or Post	W	Well
Pol Sta	Police Station	Y	Youth hostel

ROADS

	Road		Track		Path
--	------	--	-------	--	------

Where unfenced shown by pecked lines.

RAILWAYS

	Cutting		Embankment	} Standard gauge
	Multiple track		Single track	
	Road under		Road over	} Siding, tramway or mineral line
	Level crossing		Foot Bridge	
	Narrow gauge			

GENERAL FEATURES

	Antiquity, (site of)		Lake, loch or pond
	Boulders		Sloping masonry
	Building		Chalk pit, clay pit or quarry
	Pylon		Gravel pit
	Pole		Sand pit
	Glasshouse		Refuse or slag heap
	Triangulation station		

VEGETATION

	Bracken, rough grassland		Marsh		Coppice
	Scrub		Saltings		Orchard
	Heath		Reeds		Coniferous trees
					Non-coniferous trees

In some areas bracken () and rough grassland () are shown separately.



Historical Map Pack Legend

County Series & National Grid 1:10,560 scale

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Technical Helpline

Tel 08444159000

groundsureinsight@groundsure.com
www.groundsure.com

County Series 1:2,500 scale

National Grid 1:2,500 / 1:1,250 scale



Historical Map Pack Legend

GENERAL FEATURES

Wood	Marsh	Reeds
Fir	Mixed Wood	Brush Wood
Osiers	Orchard	Bush
Rough Pasture	Furze	Ford
Stepping Stones	Ferry	Sloping Masonry
Flat Rock	Lock	Waterfall
Shingle	Gravel Pit	Quarry
Sand Pit	Refuse Heap	Clay Pit

Trigonometrical Station	SL Sluice
507 Altitude at Trigonometrical Station	Tz Trough
B.M. 325-9 Bench Mark	Sp Spring
342 Surface Level	WF Well
Permanent Traverse Station	MR Mooring Ring
Antiquities (site of)	MP Mooring Post
Arrow denotes flow of water	BS Boundary Stone
	BP Boundary Post

ROADS

Road over single stream	Road crossing railway
Road over River or Canal	

RAILWAYS

Railway crossing River or Canal	Railway crossing Road
Level Crossing	Embankment
Cutting	

ABBREVIATIONS

Trigonometrical Station	SL Sluice
607 Altitude at Trigonometrical Station	Tz Trough
B.M. 325-9 Bench Mark	Sp Spring
342 Surface Level	WF Well
Permanent Traverse Station	MR Mooring Ring
Antiquities (site of)	MP Mooring Post
Arrow denotes flow of water	BS Boundary Stone
	BP Boundary Post

GENERAL FEATURES

Non-coniferous Trees	Slopes	Antiquity (site of)
Coniferous Trees	Cliff	Culvert
Surveyed Trees	Cave Entrance	Direction of water flow
Orchard Trees	Rock	Electricity Pylon
Coppice, Osier	Boulders	ETL Electricity Transmission Line
Scrub	Sloping Masonry	Triangulation Station
Bracken	Roofed Building	ts Traverse Station (permanent)
Heath	Glasshouse	Bench Mark
Rough Grassland	Change of boundary marking	Surface Level
Marsh, Saltings	see AREAS notes	rp Revision Point (instrumentally fixed)
Reeds		Revision Point & Bench Mark coincident

Top	Slopes	Quarry	Refuse Heap	Sloping Masonry
Flat Rock	Sand	Sand Pit	Culvert	Archway
Shingle	Boulders	Gravel Pit	Cliff Face	Glazed Roof Building

BOUNDARIES

England & Wales

	County Boundary (geographical)
	County & Civil Parish Boundary coterminous
	Admin County or County Borough Boundary
	London Borough Boundary
	County District Boundaries based on civil parish

England, Wales & Scotland

	Civil Parish Boundary
	Parly & Ward Boundaries based on civil parish
	Co Const Bdy
	Parly & Ward Boundaries not based on civil parish
	Co Const Bdy

Scotland

	County Boundary (geographical)
	County Council Boundary
	County of the City Boundary
	County of the City Boundary
	Burgh Boundary
	Burgh Boundary
	District Council Boundary
	District Council Boundary

* Not with parish † Coincident with parish

ABBREVIATIONS

B.H. Beer House	F.Sta. Fire Station	M.P.U. Mail Pick-up	S.L. Signal Light
B.M. Bench Mark	G.P. Guide Post	M.S. Mile Stone	Sl. Sluice
B.P. Boundary Post	G.V.C. Gas Valve Compound	N.T. National Trust	S.P. Signal Post
B.S. Boundary Stone	H. Hydrant or Hydraulic	N.T.L. Normal Tidal Limit	Spr. Spring
C. Crane	ha. Hectares	N.T.S. National Trust for Scotland	S.Sta. Signal Station
C.H. Club House	L.B. Letter Box	P. Pillar, Pole or Post	T.C.B. Telephone Call Box
Cn. Chimney	L.B.Sta. Lifeboat Station	P.C. Public Convenience	T.C.P. Telephone Call Post
Cp. Capstan	L.C. Level Crossing	P.C.B. Police Call Box	Tk. Tank or Track
D.Fn. Drinking Fountain	L.G. Loading Gauge	P.H. Public House	Tr. Trough
Dk. Dock	L.Ho. Lighthouse	P.O. Post Office	ts. Traverse Station
El.P. Electricity Pillar or Post	L.Twr. Lighting Tower	Pp. Pump	W. Well
E.T.L. Electricity Transmission Line	m. Metres	P.T.P. Police Telephone Pillar	W.B. Weighbridge
F.A. Fire Alarm	M.H.W. Mean High Water	Resr. Reservoir	Wd.Pp. Wind Pump
F.A.P. Fire Alarm Pillar	M.H.W.S. Mean High Water Springs	R.H. Road House	Wks. Works
F.B. Filter Bed, Foot Bridge	M.L.W. Mean Low Water	rp. Revision Point	Wt.Pt. Water Point
F.B.M. Fundamental Bench Mark	M.L.W.S. Mean Low Water Springs	S. Stone	Wt.T. Water Tap
F.S. Flagstaff	M.P. Mile or Mooring Post	S.B. Signal Box	

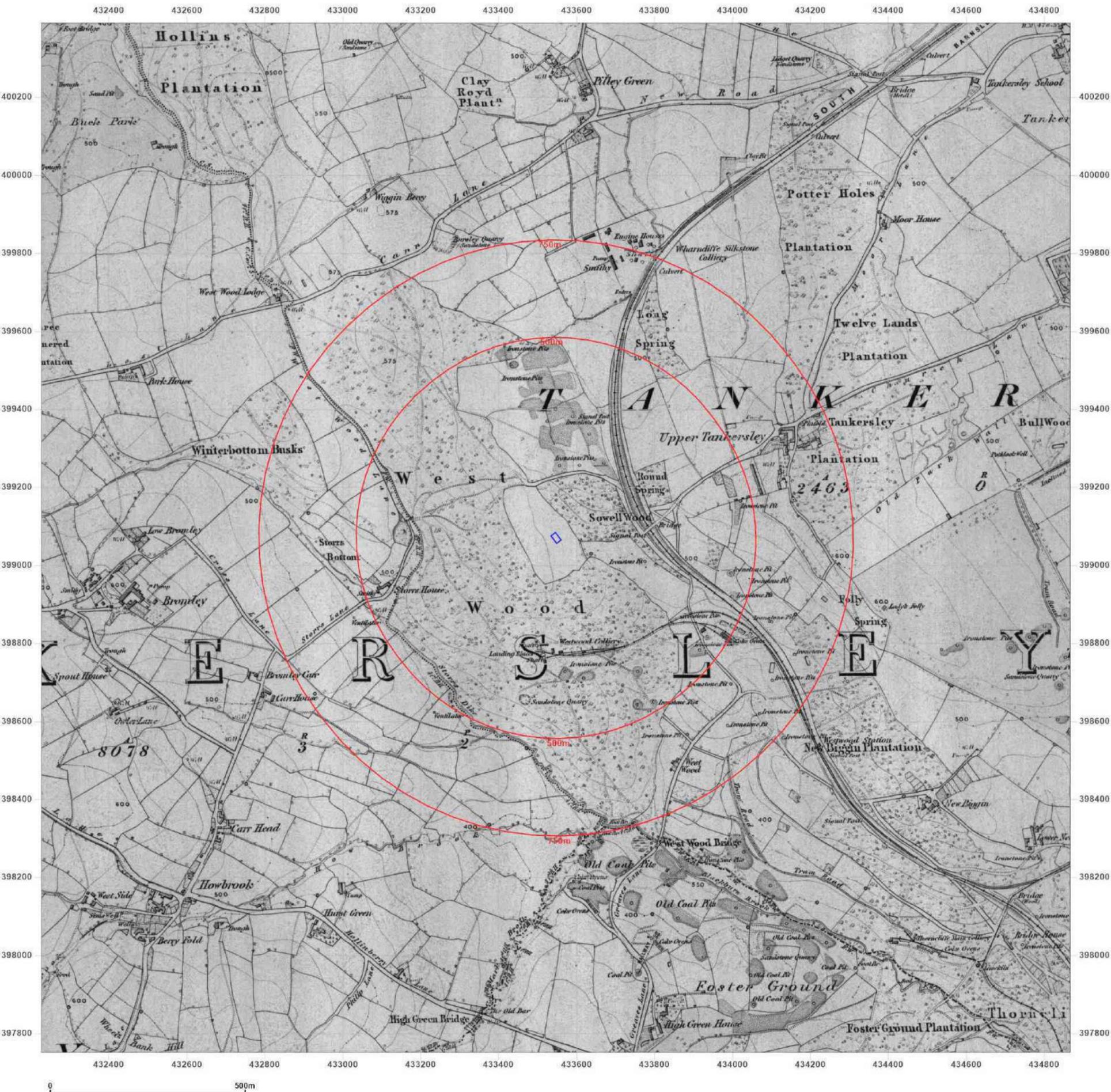
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Client Ref: EMS_952452_1182574
Report Ref: EMS-952452_1210473
Grid Ref: 433546, 399070

Map Name: County Series
Map date: 1855
Scale: 1:10,560
Printed at: 1:10,560



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 Edition 1855
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Client Ref: EMS_952452_1182574
Report Ref: EMS-952452_1210473
Grid Ref: 433546, 399070

Map Name: County Series

Map date: 1891-1894

Scale: 1:10,560

Printed at: 1:10,560

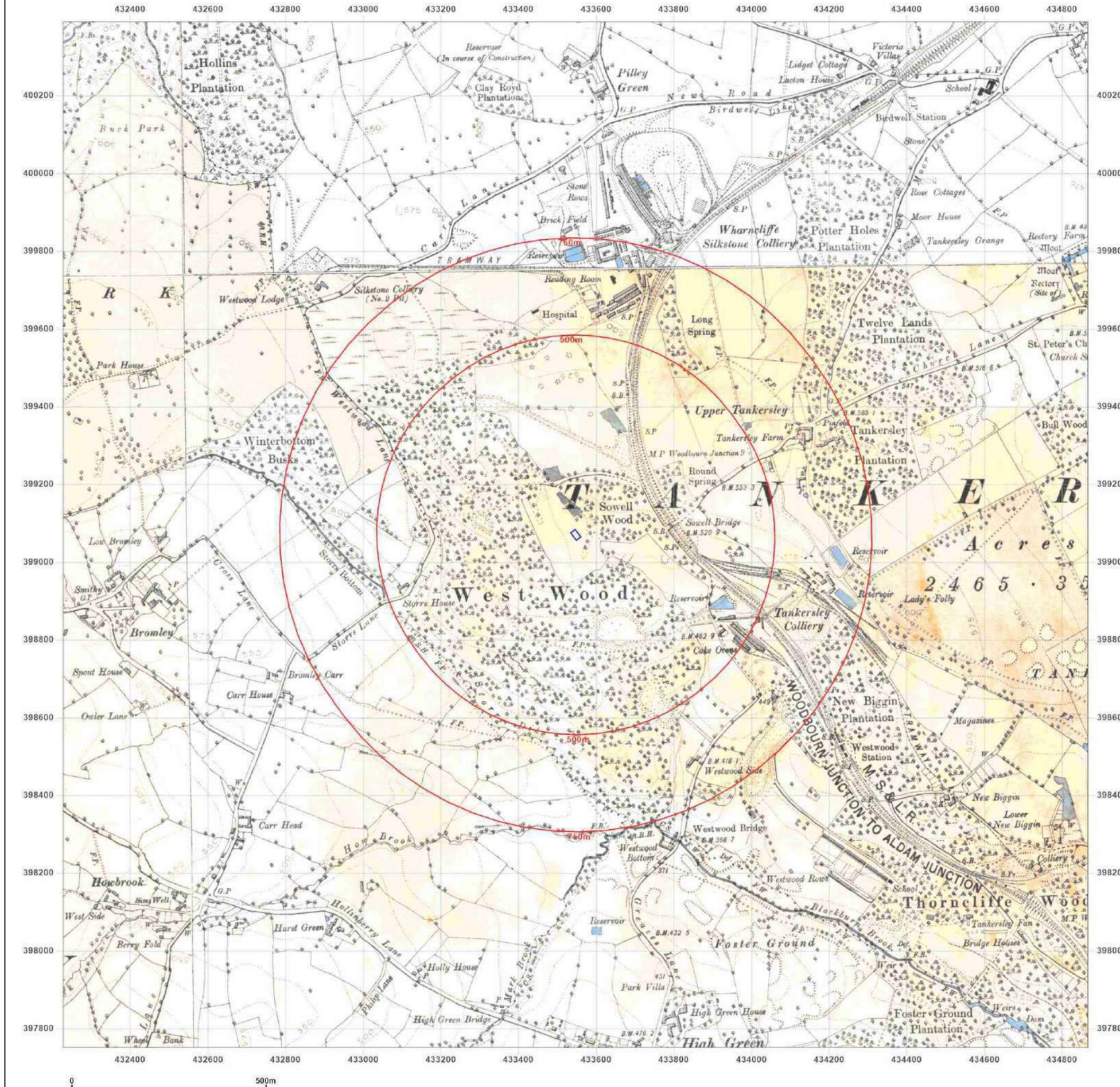
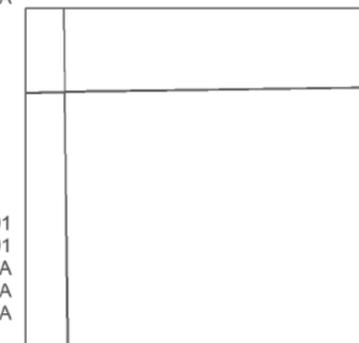


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Grid Ref: 433546, 399070

Map Name: County Series

Map date: 1903

Scale: 1:10,560

Printed at: 1:10,560



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Edition 1903
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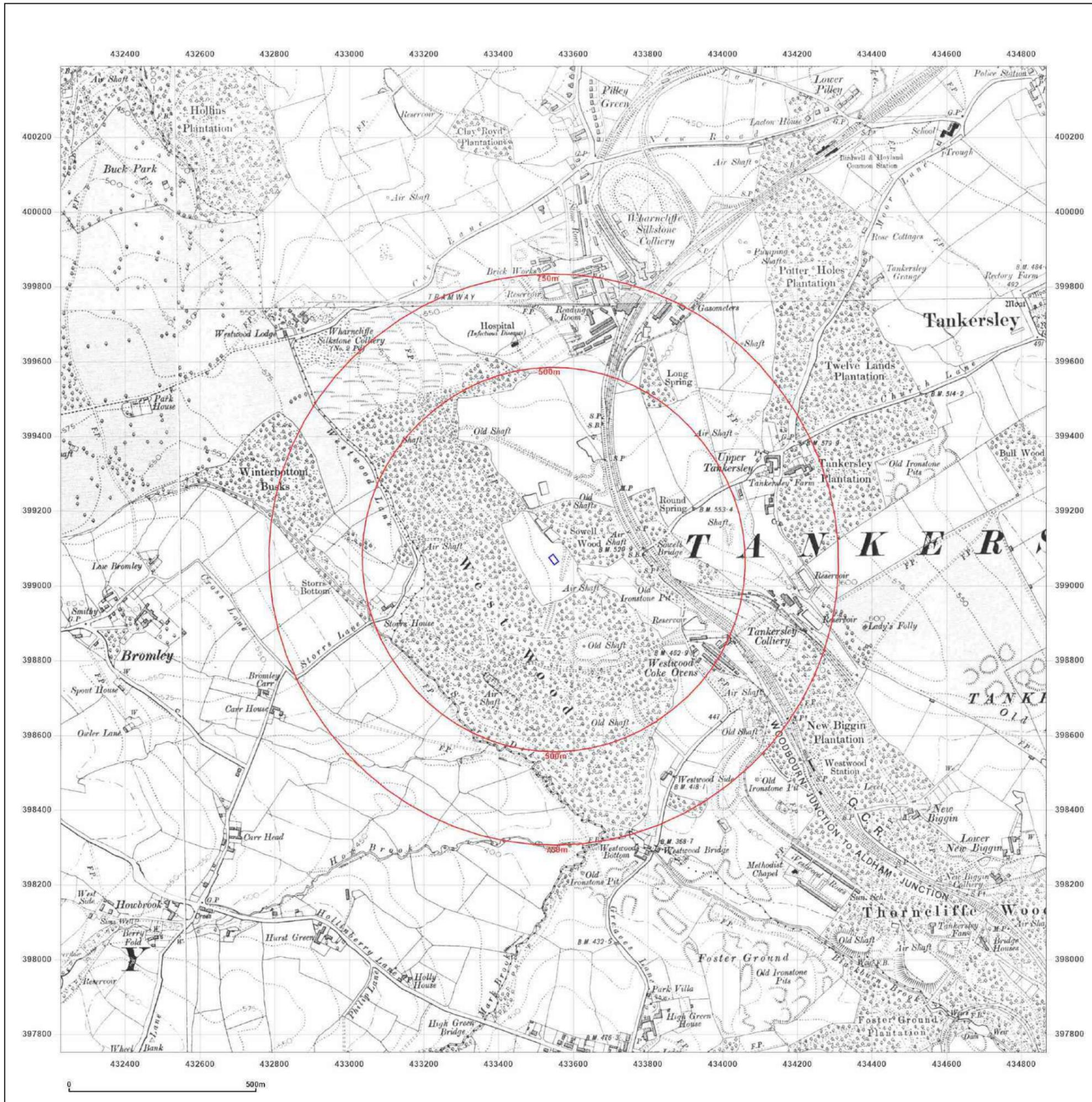


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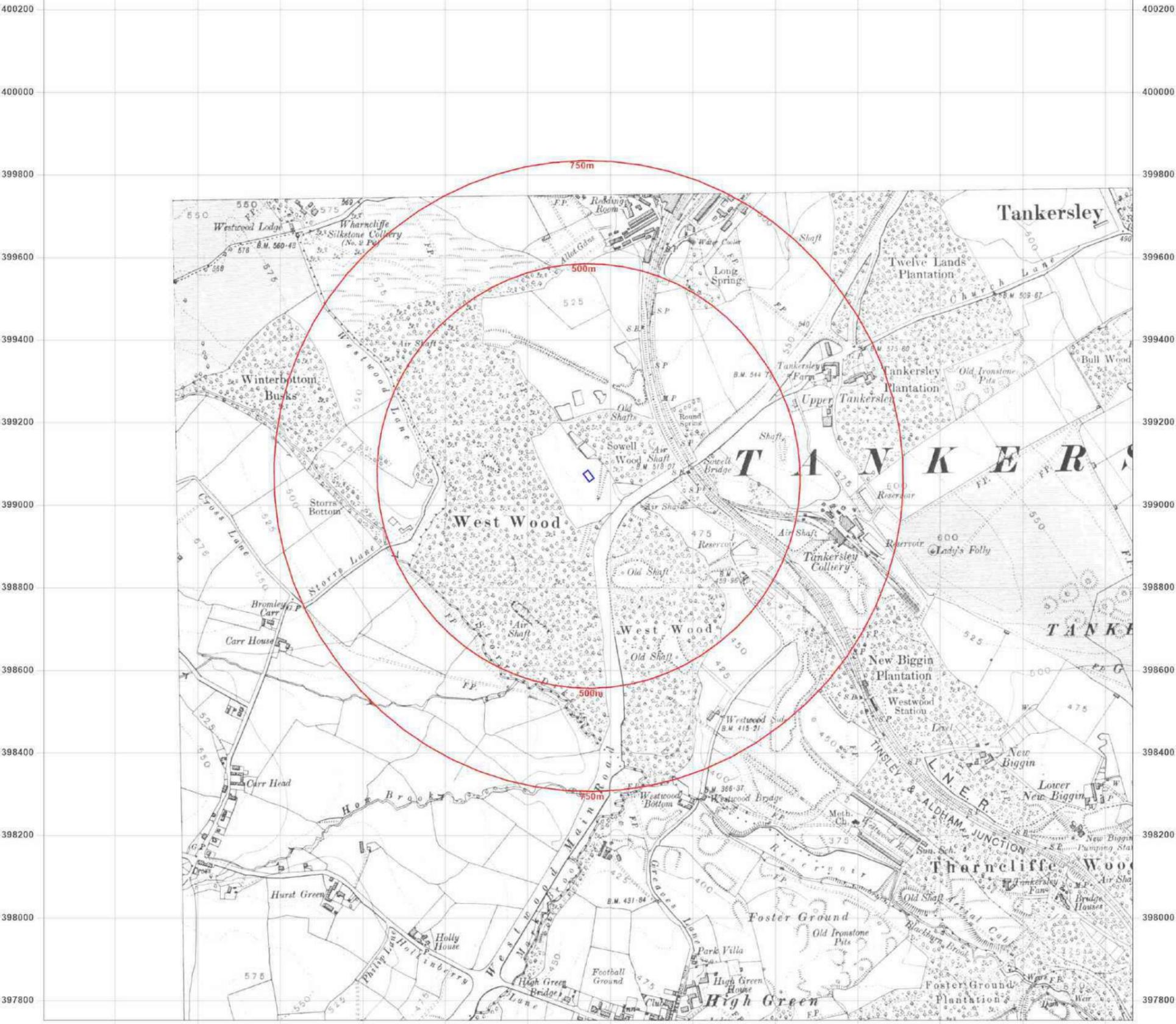
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Site Details:

Premier Inn, Maple Road,
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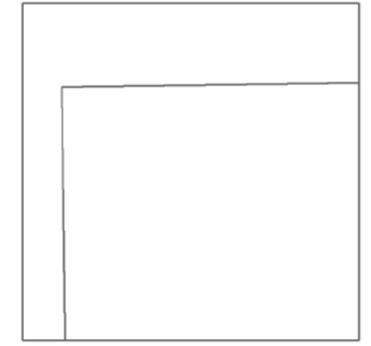
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Grid Ref: 433546, 399070

Map Name: County Series

Map date: 1929

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1851
Revised 1929
Edition 1929
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Site Details:

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Client Ref: EMS_952452_1182574
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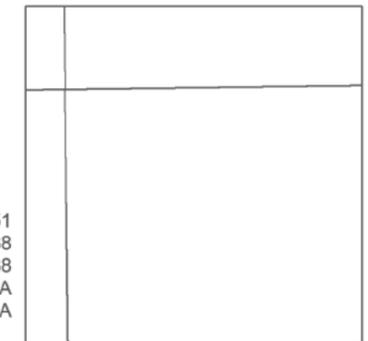
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Scale: 1:10,560

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