

ID	Location	Details	Description
9	382m SE	Name: West Wood Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Y	385m N	Name: West Wood Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
10	403m S	Name: Westwood Address: Tankersley, HOYLAND, South Yorkshire Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Z	417m NW	Name: Balance Pit Address: Tankersley, HOYLAND, South Yorkshire Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
S	442m E	Name: Tankersley Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
AC	443m SE	Name: West Wood Ironstone Pits Address: High Green, Chapeltown, SHEFFIELD, South Yorkshire Commodity: Ironstone Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AB	444m N	Name: West Wood Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AA	454m SE	Name: West Wood Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
S	455m E	Name: Tankersley Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AA	469m SE	Name: West Wood Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.



18.2 Surface ground workings

Records within 250m

76

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on [page 99 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
A	8m E	Unspecified Heap	1938	1:10560
A	10m E	Unspecified Heap	1948	1:10560
A	10m E	Unspecified Heap	1948	1:10560
A	10m E	Unspecified Heap	1951	1:10560
B	31m N	Ponds	1948	1:10560
B	35m N	Pond	1938	1:10560
B	35m N	Pond	1903	1:10560
B	35m N	Pond	1891	1:10560
D	91m S	Unspecified Heap	1951	1:10560
D	97m S	Unspecified Pit	1992	1:10000
D	97m S	Unspecified Pit	1980	1:10000
D	99m S	Unspecified Pit	1938	1:10560
D	99m S	Unspecified Pit	1903	1:10560
D	100m S	Unspecified Pit	1948	1:10560
D	100m S	Unspecified Pit	1948	1:10560
D	100m S	Unspecified Pit	1966	1:10560
D	102m S	Cuttings	1980	1:10000
D	107m S	Cuttings	1966	1:10560
E	112m SE	Unspecified Heap	1951	1:10560
E	115m SE	Unspecified Heap	1948	1:10560
E	115m SE	Unspecified Heap	1948	1:10560
E	115m SE	Unspecified Heap	1938	1:10560
E	115m SE	Unspecified Heap	1903	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
E	115m SE	Unspecified Heap	1891	1:10560
E	119m SE	Unspecified Heap	1966	1:10560
E	119m SE	Unspecified Heap	1980	1:10000
G	134m N	Pond	1891	1:10560
G	134m N	Ponds	1948	1:10560
G	136m N	Ponds	1938	1:10560
G	136m N	Ponds	1903	1:10560
H	151m NE	Unspecified Heap	1948	1:10560
H	151m NE	Unspecified Heap	1948	1:10560
H	153m NE	Unspecified Heap	1938	1:10560
H	153m NE	Unspecified Heap	1903	1:10560
H	158m NE	Unspecified Heap	1951	1:10560
I	166m N	Pond	1948	1:10560
I	168m N	Pond	1938	1:10560
I	175m N	Pond	1951	1:10560
J	185m S	Refuse Heap	1951	1:10560
K	191m NE	Refuse Heap	1938	1:10560
K	191m NE	Refuse Heap	1903	1:10560
K	191m NE	Refuse Heap	1891	1:10560
J	194m S	Refuse Heap	1948	1:10560
J	194m S	Refuse Heap	1948	1:10560
C	194m NE	Refuse Heap	1948	1:10560
C	194m NE	Refuse Heap	1948	1:10560
J	195m S	Refuse Heap	1938	1:10560
J	195m S	Refuse Heap	1903	1:10560
J	195m S	Refuse Heap	1891	1:10560
J	196m S	Refuse Heap	1966	1:10560
C	198m NE	Unspecified Heap	1966	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
C	198m NE	Unspecified Heap	1980	1:10000
L	199m W	Refuse Heap	1948	1:10560
L	199m W	Refuse Heap	1948	1:10560
L	199m W	Refuse Heap	1951	1:10560
M	201m NE	Cuttings	1938	1:10560
M	201m NE	Cuttings	1903	1:10560
J	202m S	Refuse Heap	1980	1:10000
L	202m W	Refuse Heap	1938	1:10560
L	202m W	Refuse Heap	1903	1:10560
L	202m W	Refuse Heap	1891	1:10560
N	202m NE	Cuttings	1891	1:10560
M	202m NE	Cuttings	1948	1:10560
K	205m NE	Refuse Heap	1951	1:10560
N	207m NE	Cuttings	1951	1:10560
O	210m E	Old Ironstone Pit	1903	1:10560
O	210m E	Unspecified Heap	1938	1:10560
O	210m E	Unspecified Heap	1891	1:10560
P	210m N	Unspecified Heap	1948	1:10560
P	210m N	Unspecified Heap	1948	1:10560
O	211m E	Unspecified Ground Workings	1948	1:10560
O	211m E	Unspecified Ground Workings	1948	1:10560
O	219m E	Unspecified Pit	1951	1:10560
R	225m E	Cuttings	1891	1:10560
R	230m E	Cuttings	1951	1:10560
J	231m S	Unspecified Heap	1992	1:10000

This is data is sourced from Ordnance Survey/Groundsure.



18.3 Underground workings

Records within 1000m

91

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

Features are displayed on the Mining and ground workings map on [page 99](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
E	125m SE	Disused Air Shaft	1966	1:10560
E	125m SE	Disused Air Shaft	1980	1:10000
F	127m NE	Unspecified Old Shafts	1938	1:10560
F	127m NE	Unspecified Old Shafts	1903	1:10560
E	128m SE	Air Shaft	1951	1:10560
E	128m SE	Air Shaft	1938	1:10560
F	129m NE	Unspecified Old Shaft	1938	1:10560
F	129m NE	Unspecified Old Shafts	1903	1:10560
E	130m SE	Air Shaft	1903	1:10560
F	136m NE	Unspecified Old Shafts	1951	1:10560
F	137m NE	Unspecified Old Shafts	1951	1:10560
H	166m NE	Air Shaft	1938	1:10560
H	166m NE	Air Shaft	1903	1:10560
H	169m NE	Disused Air Shaft	1966	1:10560
H	169m NE	Air Shaft	1992	1:10000
H	169m NE	Disused Air Shaft	1980	1:10000
H	172m NE	Air Shaft	1951	1:10560
C	215m NE	Unspecified Old Shafts	1951	1:10560
J	221m S	Unspecified Old Shaft	1951	1:10560
J	222m S	Unspecified Disused Shaft	1966	1:10560
J	227m S	Unspecified Disused Shaft	1980	1:10000
L	228m W	Air Shaft	1903	1:10560
J	228m S	Unspecified Old Shaft	1938	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
J	228m S	Unspecified Old Shaft	1903	1:10560
2	256m E	Colliery	1951	1:10560
V	287m E	Colliery	1938	1:10560
V	302m E	Colliery	1903	1:10560
V	302m E	Colliery	1891	1:10560
7	332m N	Colliery	1966	1:10560
Z	369m NW	Unspecified Old Shaft	1903	1:10560
W	381m S	Air Shaft	1966	1:10560
W	381m S	Air Shaft	1951	1:10560
W	381m S	Air Shaft	1992	1:10000
W	381m S	Air Shaft	1980	1:10000
W	391m S	Air Shaft	1938	1:10560
W	391m S	Air Shaft	1903	1:10560
AA	461m SE	Unspecified Old Shaft	1951	1:10560
S	461m E	Air Shaft	1951	1:10560
S	463m E	Disused Air Shaft	1966	1:10560
AA	466m SE	Unspecified Disused Shaft	1992	1:10000
AA	466m SE	Unspecified Disused Shaft	1980	1:10000
AD	466m E	Unspecified Shaft	1938	1:10560
AD	466m E	Unspecified Shaft	1903	1:10560
AA	467m SE	Unspecified Old Shaft	1938	1:10560
AD	468m E	Unspecified Disused Shaft	1966	1:10560
AD	468m E	Unspecified Disused Shaft	1992	1:10000
AD	468m E	Unspecified Disused Shaft	1980	1:10000
AA	470m SE	Unspecified Disused Shaft	1966	1:10560
AA	470m SE	Unspecified Old Shaft	1903	1:10560
AD	471m E	Unspecified Shaft	1951	1:10560
AG	495m NW	Unspecified Shaft	1903	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AG	498m NW	Air Shaft	1938	1:10560
AG	502m NW	Air Shaft	1951	1:10560
13	581m NE	Air Shaft	1903	1:10560
V	596m E	Air Shaft	1938	1:10560
V	599m E	Unspecified Shafts	1980	1:10000
AE	615m SE	Air Shaft	1903	1:10560
-	623m E	Unspecified Shafts	1980	1:10000
-	669m N	Colliery	1891	1:10560
AL	700m SE	Unspecified Old Shaft	1903	1:10560
AI	754m NE	Unspecified Shaft	1938	1:10560
AI	754m NE	Air Shaft	1903	1:10560
AI	764m NE	Unspecified Shaft	1951	1:10560
-	767m S	Old Ironstone Pits	1938	1:10560
-	767m S	Old Ironstone Pits	1903	1:10560
-	819m S	Old Ironstone Pits	1938	1:10560
-	820m S	Old Ironstone Pits	1938	1:10560
-	824m NW	Colliery	1903	1:10560
-	825m NW	Colliery	1938	1:10560
-	829m NW	Colliery	1951	1:10560
-	852m NW	Colliery	1938	1:10560
-	852m NW	Colliery	1903	1:10560
-	852m NW	Colliery	1891	1:10560
-	852m S	Old Ironstone Pits	1938	1:10560
-	852m S	Old Ironstone Pits	1903	1:10560
-	870m S	Old Ironstone Pits	1938	1:10560
-	870m S	Old Ironstone Pits	1903	1:10560
-	883m S	Old Ironstone Pits	1903	1:10560
-	888m E	Old Ironstone Pits	1938	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
-	888m E	Old Ironstone Pits	1903	1:10560
-	891m E	Old Ironstone Pits	1951	1:10560
-	897m E	Old Ironstone Pits	1951	1:10560
-	903m E	Old Ironstone Pits	1951	1:10560
-	914m S	Old Ironstone Pits	1938	1:10560
-	921m N	Colliery	1951	1:10560
-	952m E	Old Ironstone Pits	1951	1:10560
-	958m NE	Pumping Shaft	1903	1:10560
-	973m E	Old Ironstone Pits	1951	1:10560
-	990m SE	Old Ironstone Pits	1938	1:10560
-	993m SE	Old Ironstone Pits	1903	1:10560
-	995m E	Old Ironstone Pits	1951	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m

0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.



18.6 Non-coal mining

Records within 1000m

7

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

Features are displayed on the Mining and ground workings map on [page 99 >](#)

ID	Location	Name	Commodity	Class	Likelihood
1	109m NE	Not available	Ironstone (bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
11	514m E	Not available	Iron Ore (Bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
AF	542m SE	Not available	Ironstone (bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
AI	551m NE	Not available	Iron Ore (Bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
12	554m E	Not available	Iron Ore (Bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
AJ	609m E	Not available	Iron Ore (Bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
-	690m S	Not available	Ironstone (bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.



This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site

0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m

4

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

Features are displayed on the Mining and ground workings map on [page 99 >](#)

ID	Location	Mineral type	Mineral
C	59m NE	Metals	Ironstone
Q	216m E	Metals	Ironstone
V	397m E	Metals	Ironstone
AF	492m SE	Metals	Ironstone

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m

28

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

Location	Mineral type
128m W	Metals



Location	Mineral type
183m SW	Metals
195m SW	Metals
238m S	Metals
255m S	Metals
288m S	Metals
313m S	Metals
328m S	Metals
337m S	Metals
356m S	Metals
372m W	Metals
376m SW	Metals
377m S	Metals
385m SE	Metals
388m S	Metals
414m S	Metals
415m S	Metals
415m S	Metals
420m S	Metals
432m S	Metals
440m S	Metals
451m S	Metals
465m S	Metals
468m S	Metals

This data is sourced from Groundsure.



18.10 Mining record office plans

Records within 500m**1**

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

Location	Mineral
374m S	Ironstone

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m**0**

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 Coal mining

Records on site**1**

Areas which could be affected by past, current or future coal mining.

Location	Details
On site	The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site**0**

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.



18.14 Gypsum areas

Records on site	0
-----------------	---

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0
-----------------	---

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0
-----------------	---

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.



This data is sourced from Groundsure.

19.5 National karst database

Records within 500m

0

This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

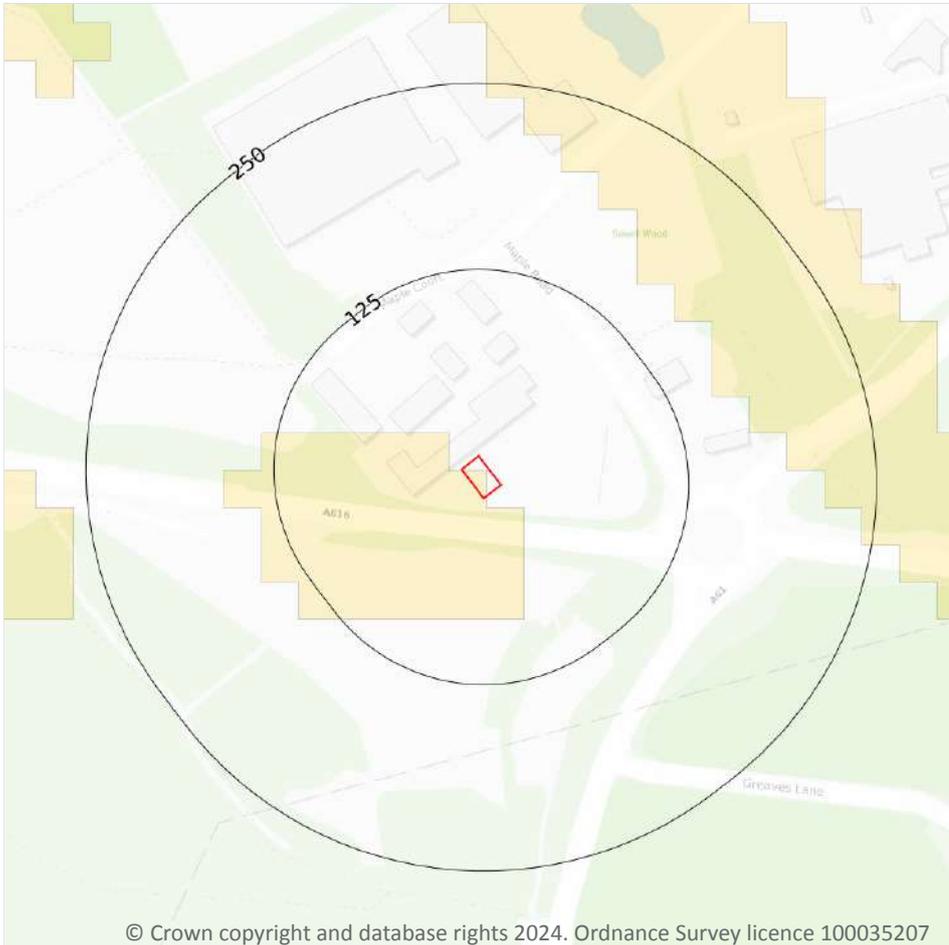
Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over 800 caves, 1300 stream sinks, 5600 springs, 10,000 sinkholes.

The database is not yet complete, and not all records have been verified. The absence of data does not mean that karst features are not present at a site. A reliability rating is included with each record.

This data is sourced from the British Geological Survey.



20 Radon



— Site Outline
Search buffers in metres (m)

- Greater than 30%
- Between 10% and 30%
- Between 5% and 10%
- Between 3% and 5%
- Between 1% and 3%
- Less than 1%

20.1 Radon

Records on site

2

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on [page 118 >](#)

Location	Estimated properties affected	Radon Protection Measures required
On site	Between 1% and 3%	None



Location	Estimated properties affected	Radon Protection Measures required
On site	Less than 1%	None

This data is sourced from the British Geological Survey and UK Health Security Agency.



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

4

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
22m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
34m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
36m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

This data is sourced from the British Geological Survey.



21.3 BGS Measured Urban Soil Chemistry

Records within 50m

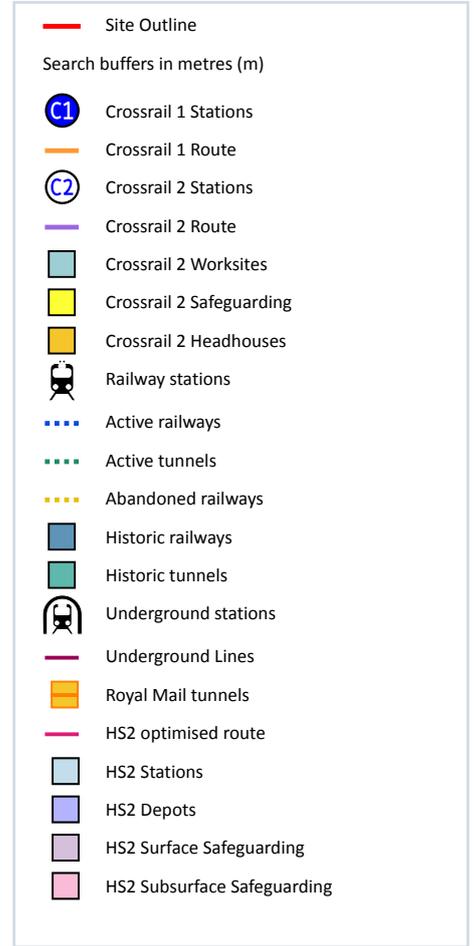
0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects



© Crown copyright and database rights 2024. Ordnance Survey licence 100035207

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.



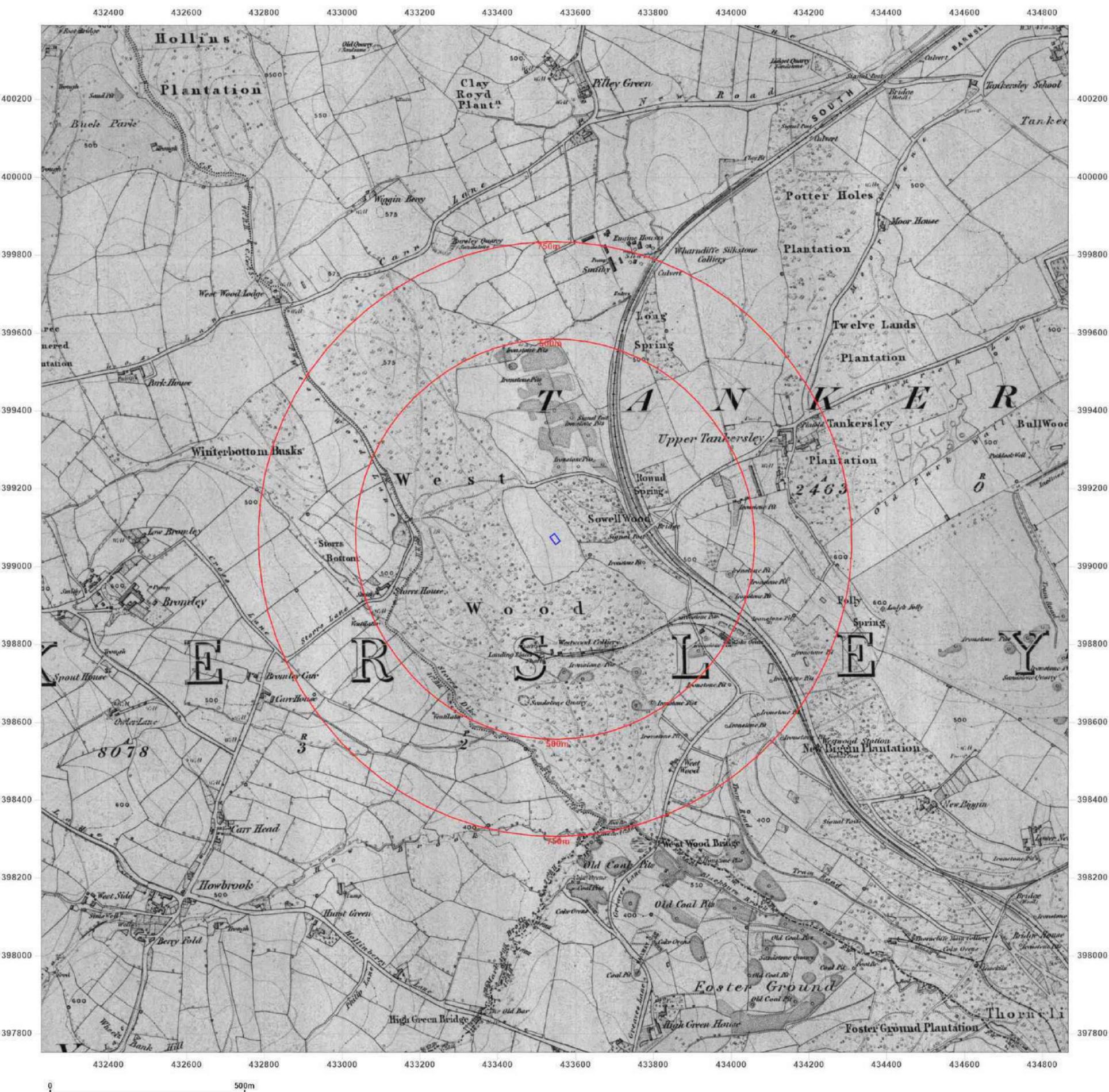
Data providers

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> ↗.

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: www.groundsure.com/terms-and-conditions-april-2023/ ↗.





EMAPSITE™

Site Details:
 Premier Inn, Maple Road,
 Barnsley, S75 3DL

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



Surveyed 1851
 Revised N/A
 Edition 1855
 Copyright N/A
 Levelled N/A



Produced by
 Groundsure Insights
www.groundsure.com



Supplied by:
www.emapsite.com
sales@emapsite.com

Site Details:

Premier Inn, Maple Road,
Barnsley, S75 3DL

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

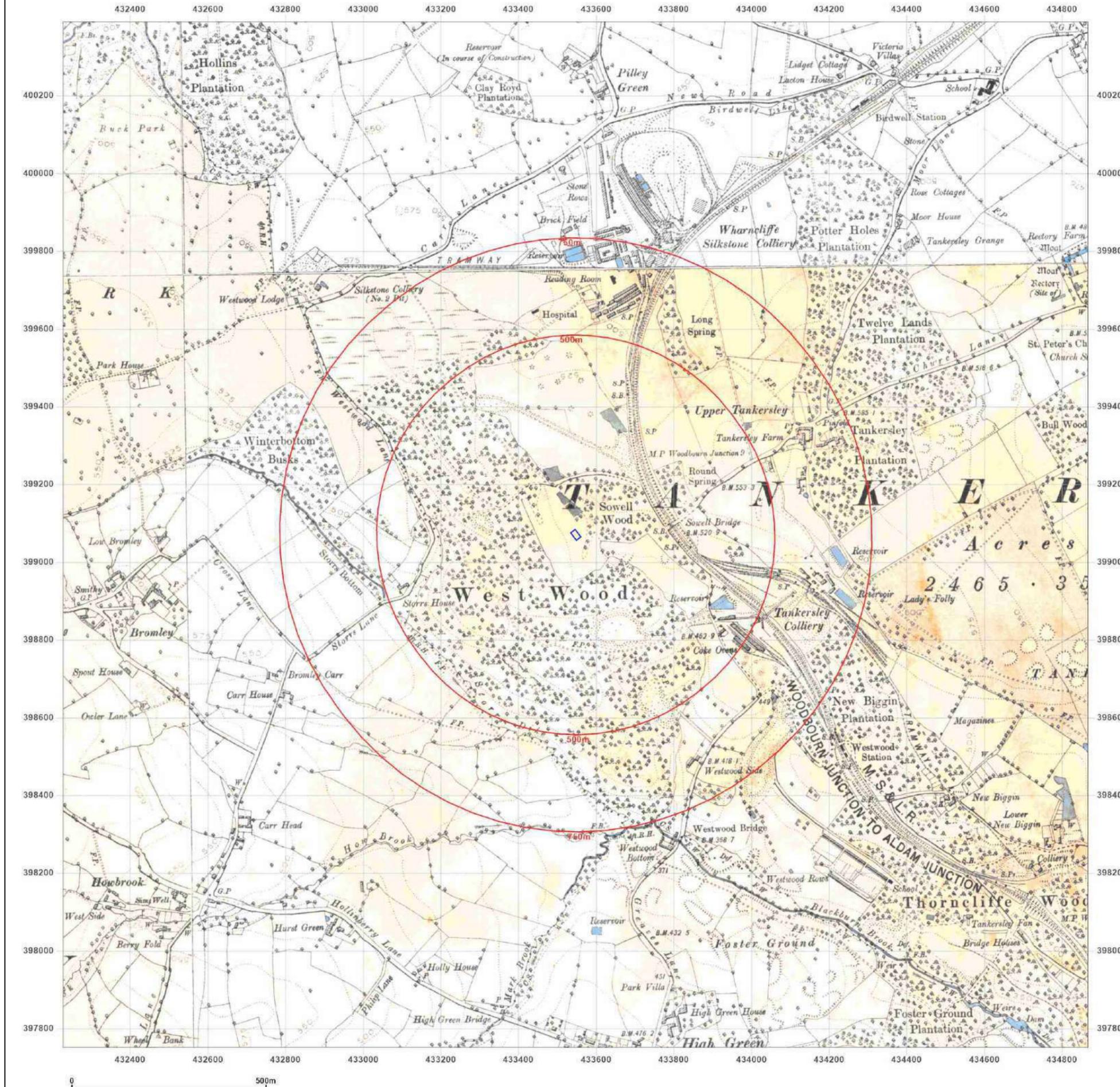
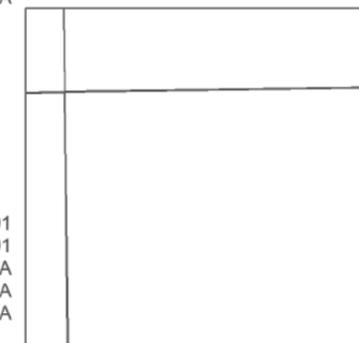


Surveyed 1891
Revised 1891
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1891
Revised 1891
Edition 1891
Copyright N/A
Levelled N/A

Surveyed 1891
Revised 1891
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1891
Revised N/A
Edition 1894
Copyright N/A
Levelled N/A



Produced by
Groundsure Insights
www.groundsure.com



Supplied by:
www.emapsite.com
sales@emapsite.com

© Crown copyright and database rights 2024 Ordnance Survey 100035207

Production date: 19 June 2024

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf

Site Details:

Premier Inn, Maple Road,
Barnsley, S75 3DL

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

Map Name: County Series

Map date: 1903

Scale: 1:10,560

Printed at: 1:10,560

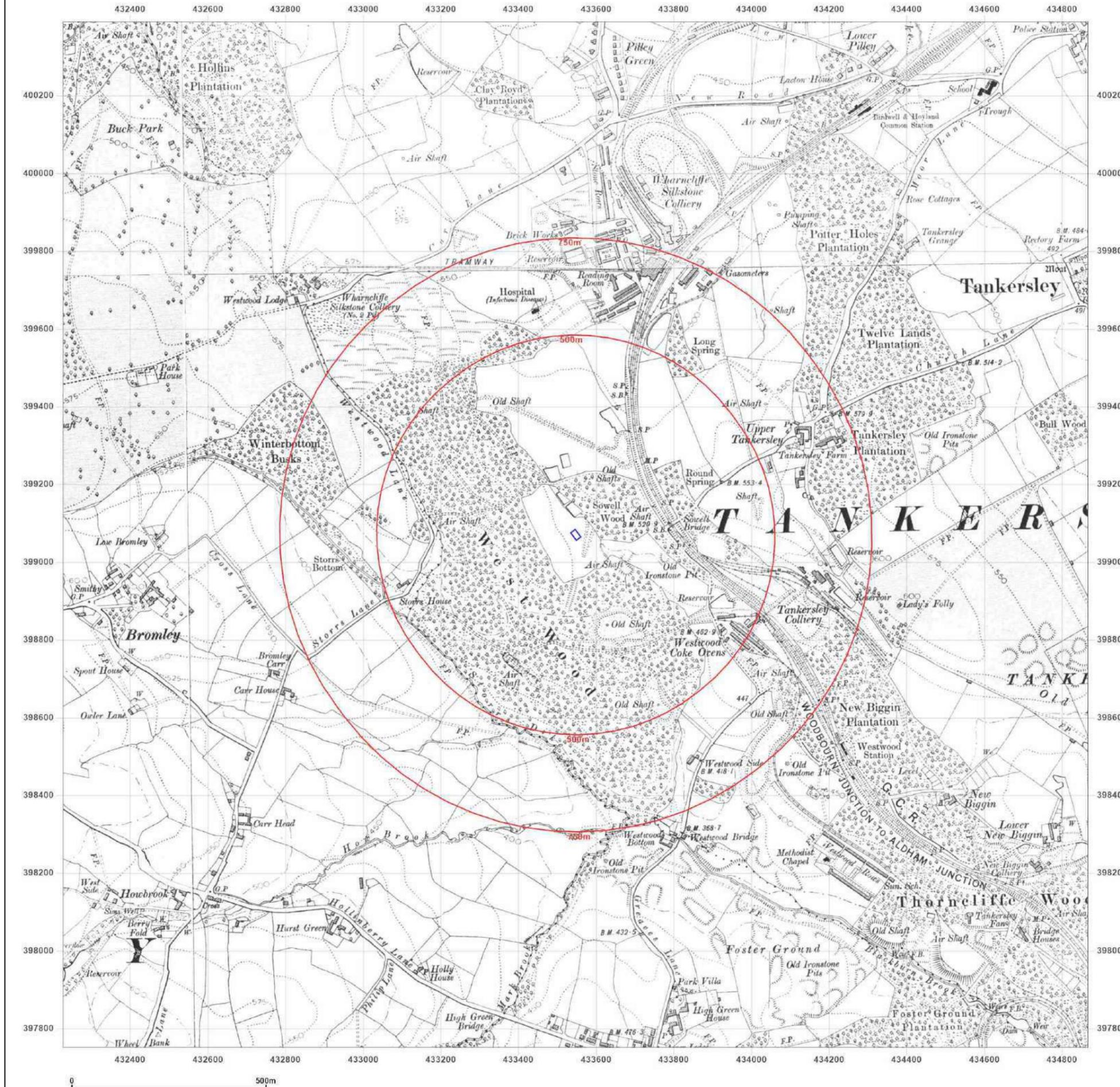
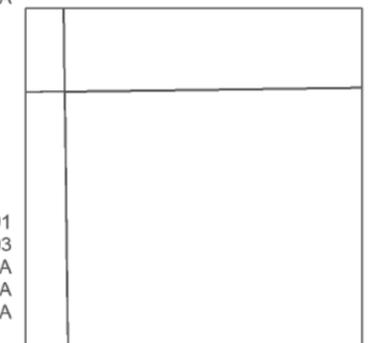


Surveyed 1891
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1891
Revised 1903
Edition 1903
Copyright N/A
Levelled N/A

Surveyed 1891
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1891
Revised 1903
Edition 1903
Copyright N/A
Levelled N/A



Produced by
Groundsure Insights
www.groundsure.com

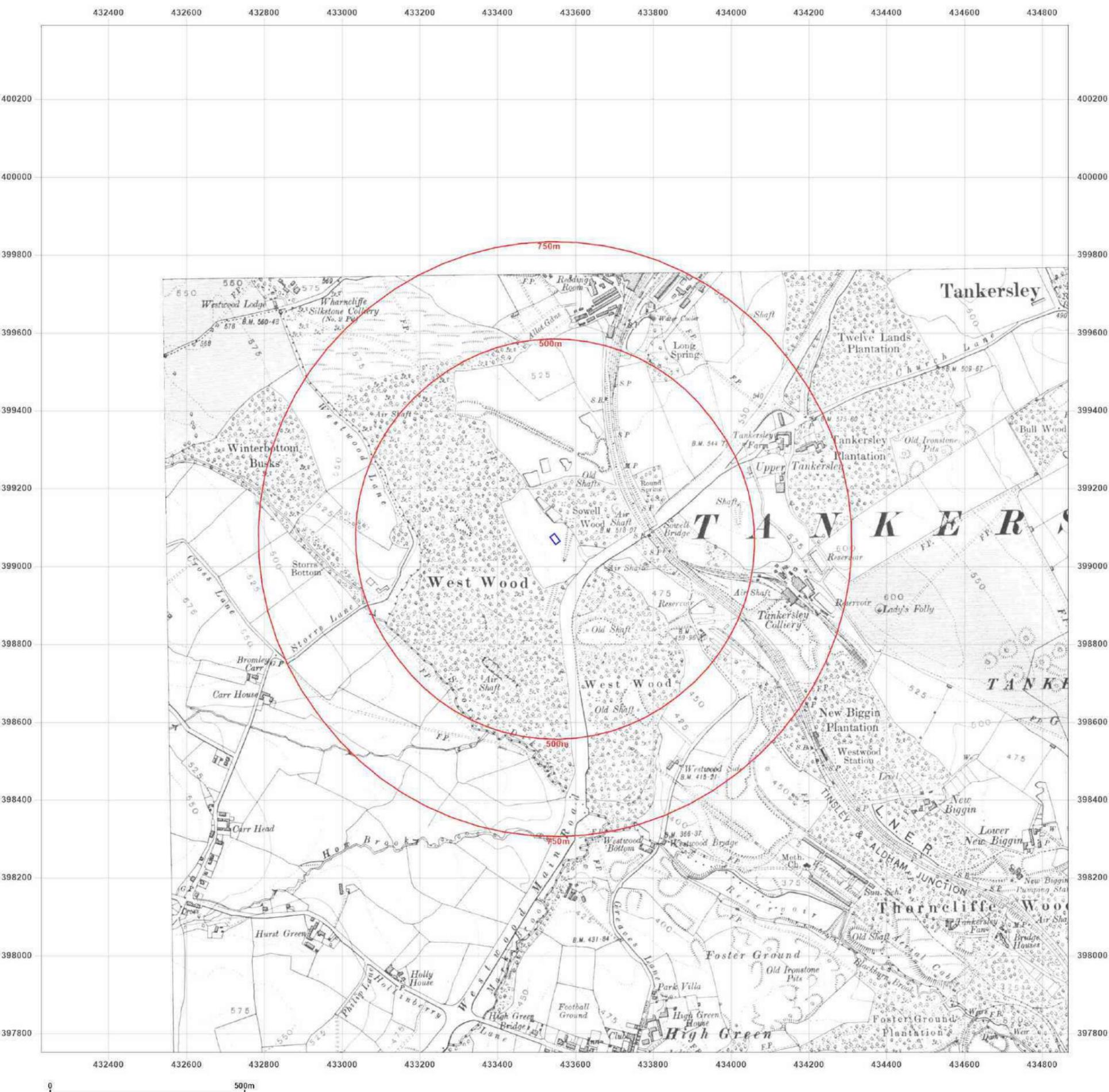


Supplied by:
www.emapsite.com
sales@emapsite.com

© Crown copyright and database rights 2024 Ordnance Survey 100035207

Production date: 19 June 2024

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf



EMAPSITE™

Site Details:

Premier Inn, Maple Road,
Barnsley, S75 3DL

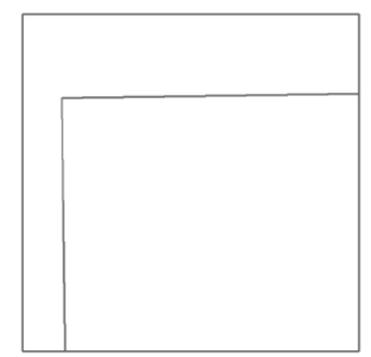
Client Ref: EMS_952452_1182574
Report Ref: EMS-952452_1210473
Grid Ref: 433546, 399070

Map Name: County Series

Map date: 1929

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1851
 Revised 1929
 Edition 1929
 Copyright N/A
 Levelled 1915



Produced by
 Groundsure Insights
www.groundsure.com

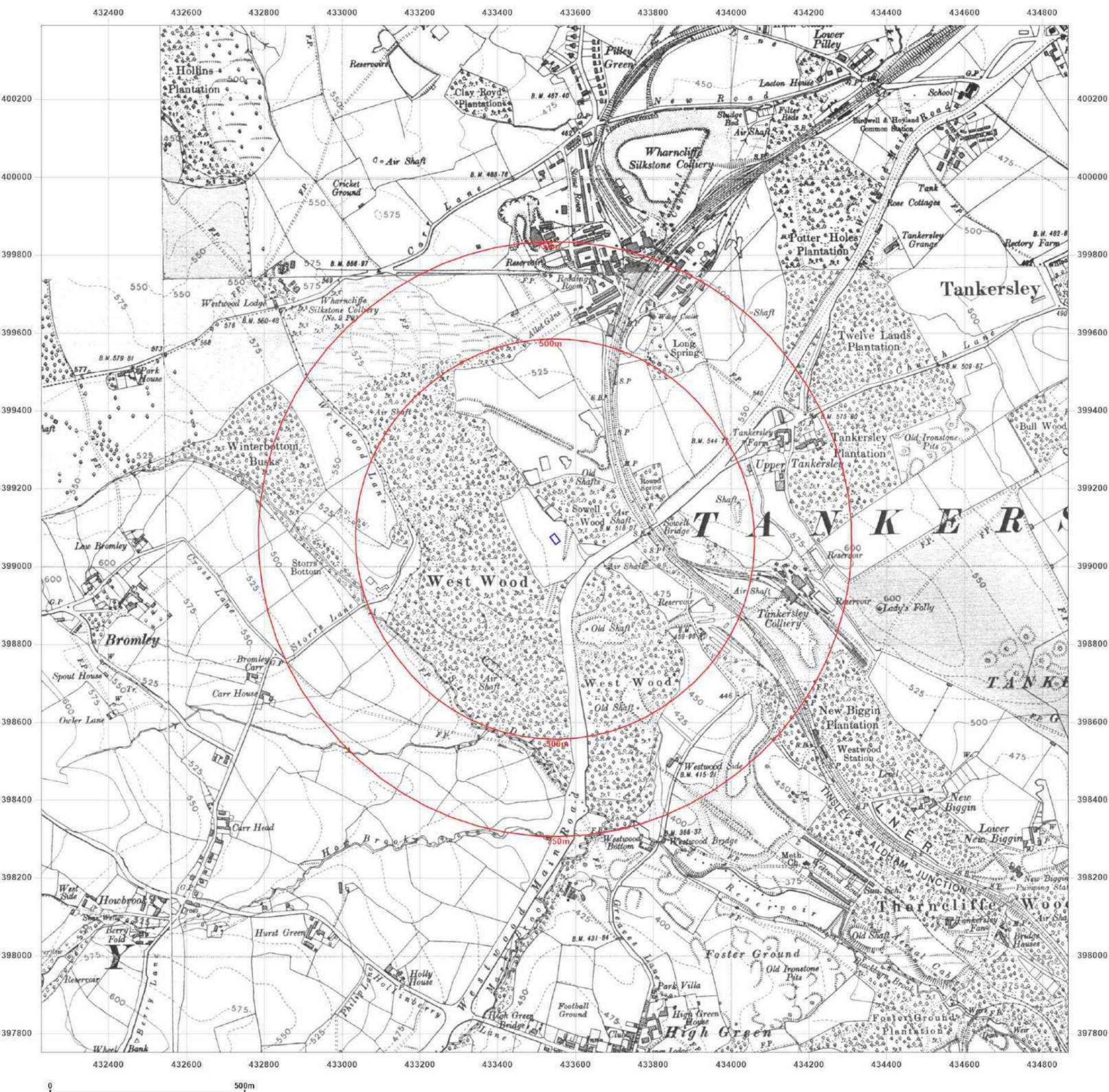


Supplied by:
www.emapsite.com
sales@emapsite.com

© Crown copyright and database rights 2024 Ordnance Survey 100035207

Production date: 19 June 2024

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf



EMAPSITE™

Site Details:

Premier Inn, Maple Road,
Barnsley, S75 3DL

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

Map Name: County Series

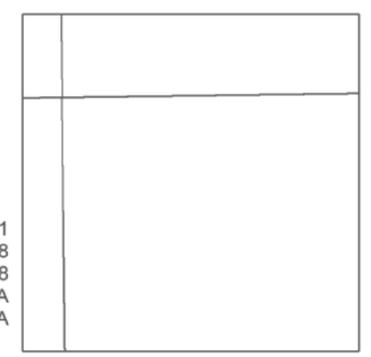
Map date: 1938

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1851
Revised 1938
Edition 1938
Copyright N/A
Levelled 1929



Surveyed 1851
Revised 1938
Edition 1938
Copyright N/A
Levelled N/A

Surveyed 1851
Revised 1938
Edition 1938
Copyright N/A
Levelled 1929



Produced by
Groundsure Insights
www.groundsure.com



Supplied by:
www.emapsite.com
sales@emapsite.com

© Crown copyright and database rights 2024 Ordnance Survey 100035207

Production date: 19 June 2024

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf

Site Details:

Premier Inn, Maple Road,
Barnsley, S75 3DL

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

Map Name: County Series

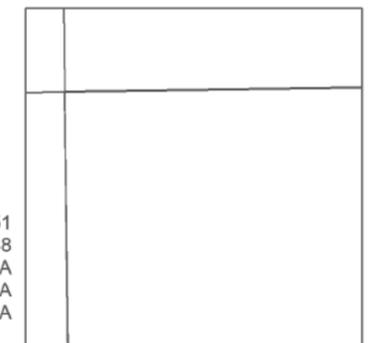
Map date: 1948

Scale: 1:10,560

Printed at: 1:10,560

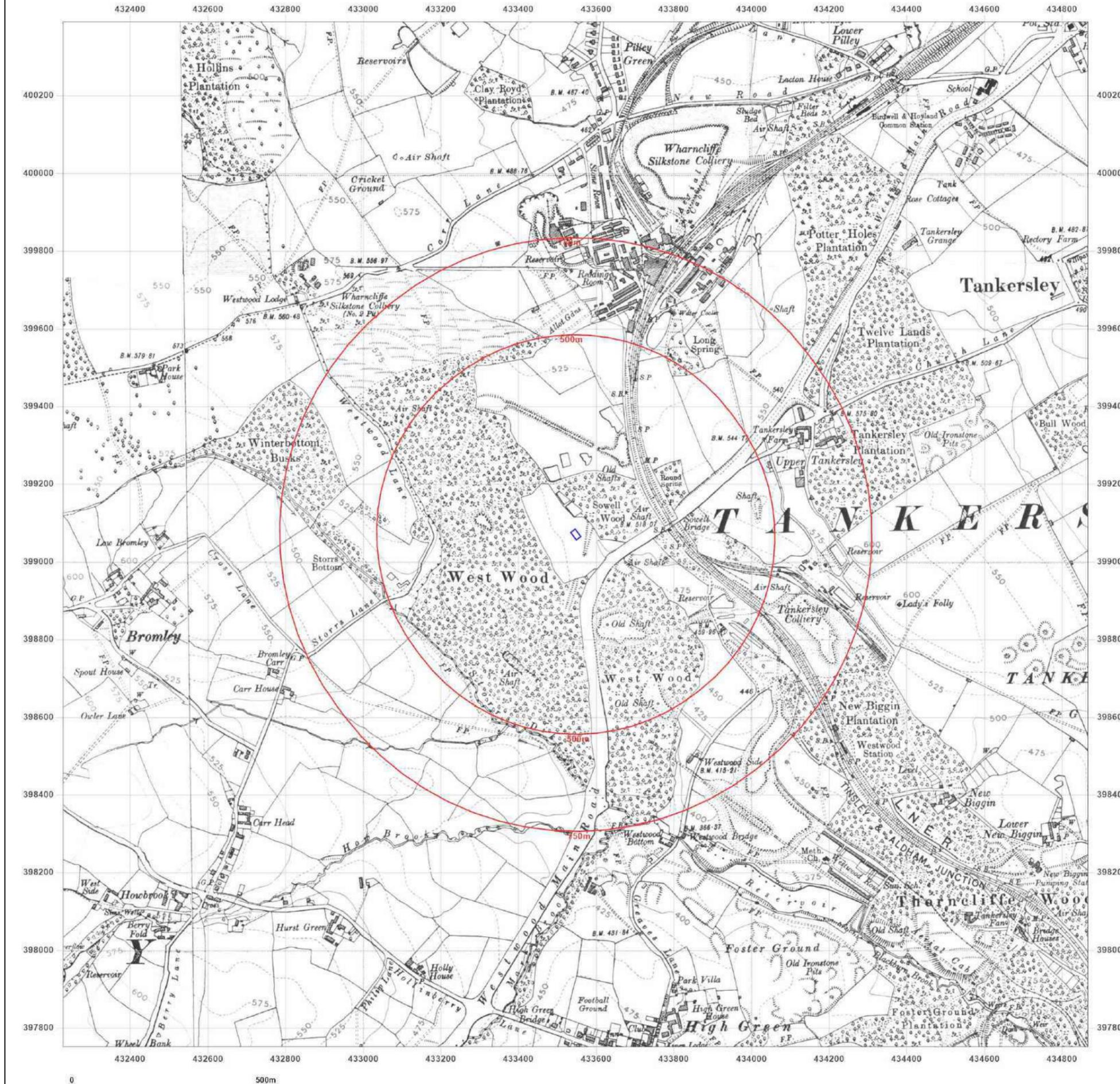


Surveyed 1851
Revised 1948
Edition 1948
Copyright N/A
Levelled 1929



Surveyed 1851
Revised 1948
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1851
Revised 1948
Edition 1948
Copyright N/A
Levelled 1929



Produced by
Groundsure Insights
www.groundsure.com



Supplied by:
www.emapsite.com
sales@emapsite.com

© Crown copyright and database rights 2024 Ordnance Survey 100035207

Production date: 19 June 2024

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf

Site Details:

Premier Inn, Maple Road,
Barnsley, S75 3DL

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

Map Name: Provisional

Map date: 1951-1956

Scale: 1:10,560

Printed at: 1:10,560



Surveyed N/A
Revised 1955
Edition N/A
Copyright 1956
Levelled N/A

Surveyed 1951
Revised 1951
Edition N/A
Copyright N/A
Levelled N/A



Produced by
Groundsure Insights
www.groundsure.com

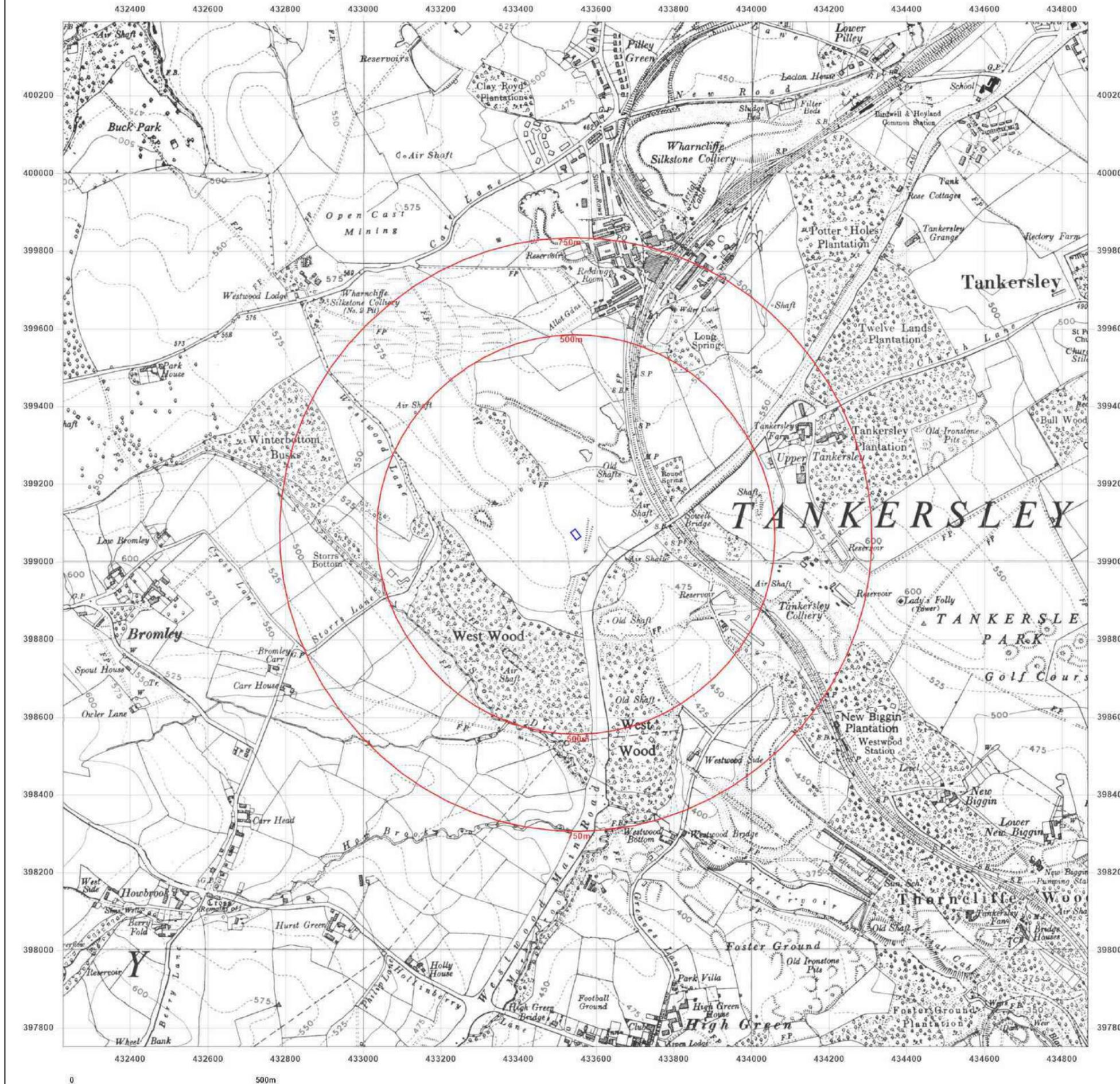


Supplied by:
www.emapsite.com
sales@emapsite.com

© Crown copyright and database rights 2024 Ordnance Survey 100035207

Production date: 19 June 2024

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf



Site Details:

Premier Inn, Maple Road,
Barnsley, S75 3DL

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

Map Name: Provisional

Map date: 1965-1966

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1965
Revised 1965
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1966
Revised 1966
Edition N/A
Copyright N/A
Levelled N/A



Produced by
Groundsure Insights
www.groundsure.com

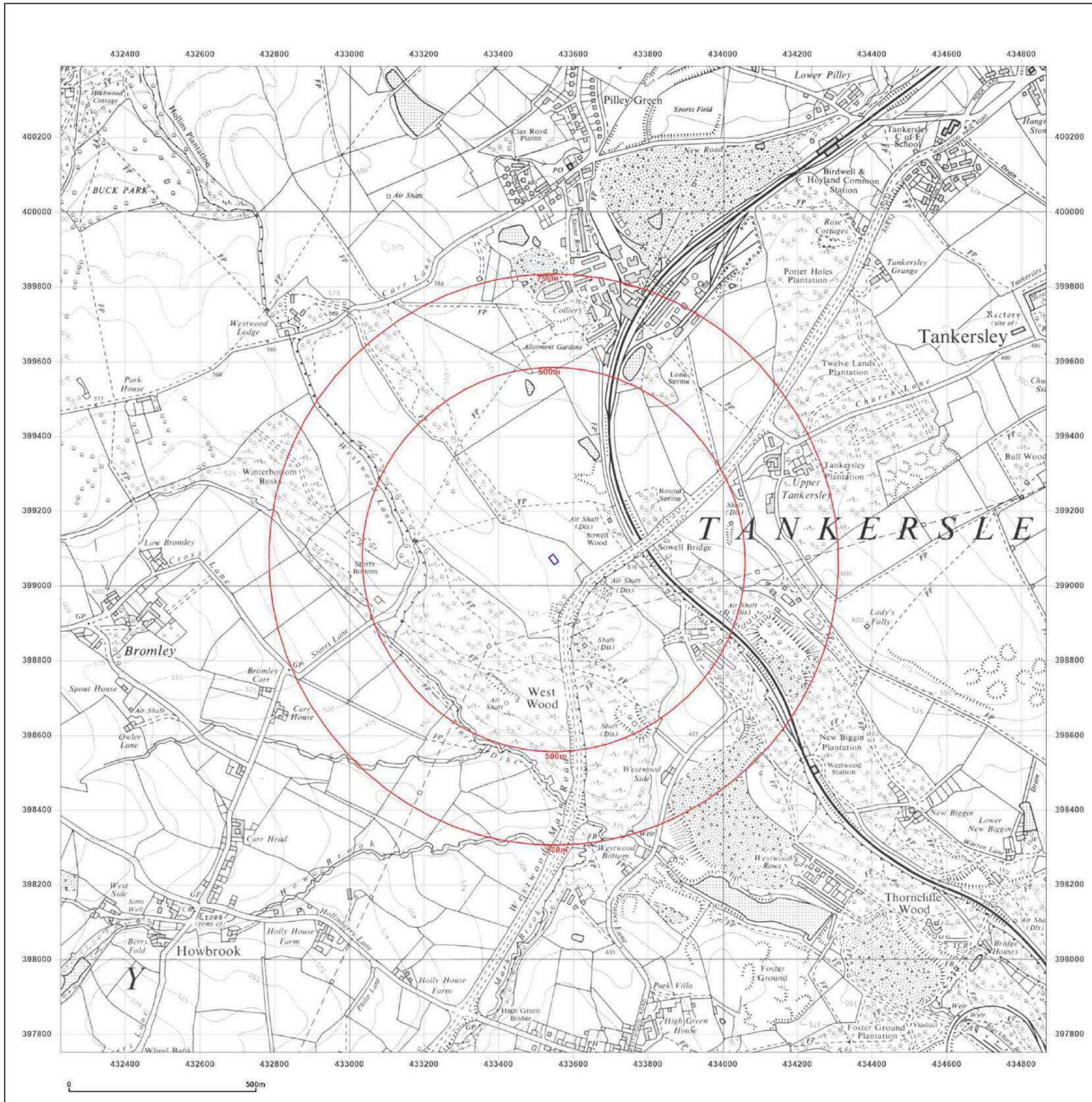


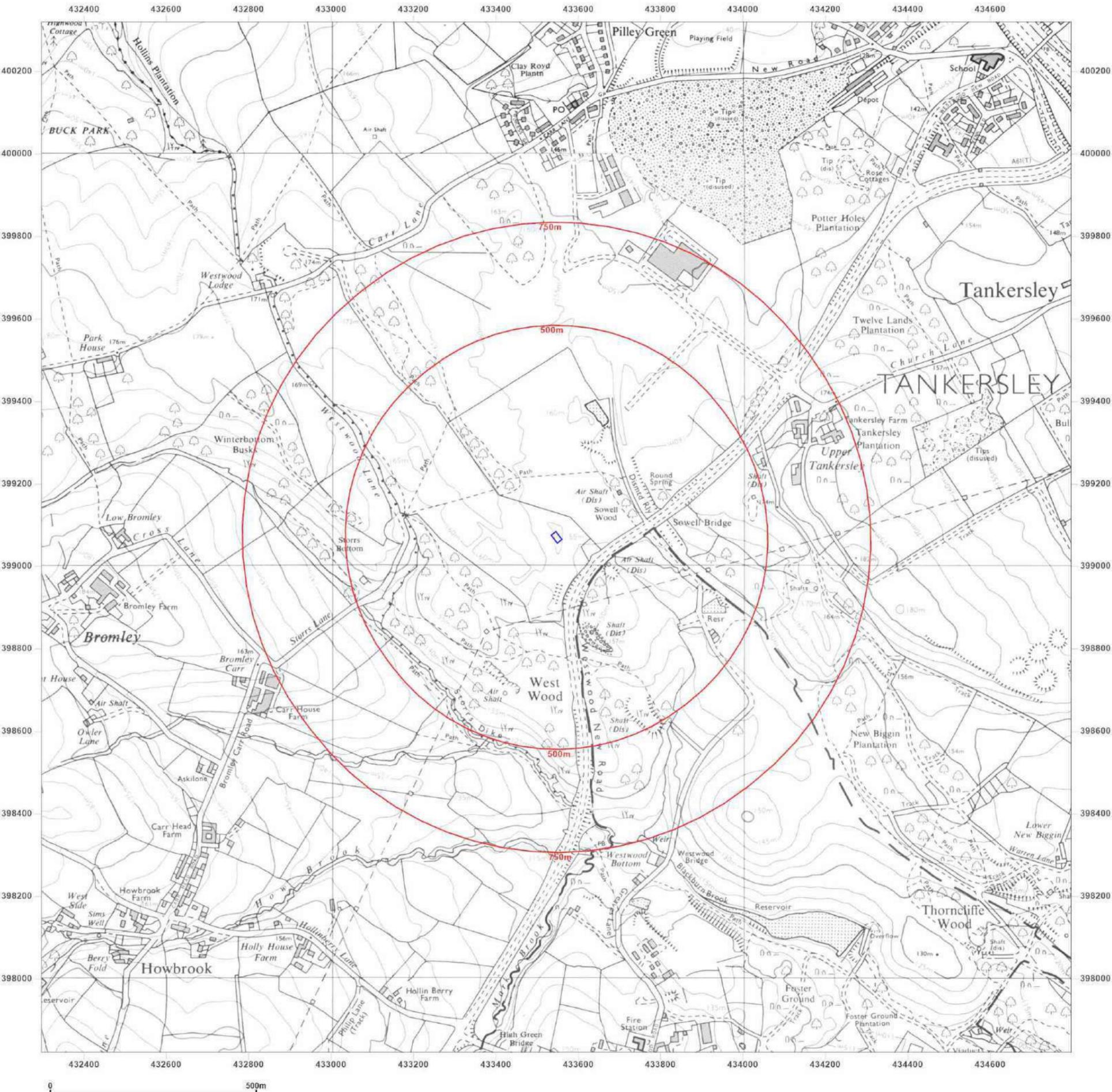
Supplied by:
www.emapsite.com
sales@emapsite.com

© Crown copyright and database rights 2024 Ordnance Survey 100035207

Production date: 19 June 2024

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf





EMAPSITE™

Site Details:

Premier Inn, Maple Road,
Barnsley, S75 3DL

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

Map Name: National Grid
Map date: 1977-1980
Scale: 1:10,000
Printed at: 1:10,000



Surveyed 1973
 Revised 1977
 Edition N/A
 Copyright N/A
 Levelled N/A

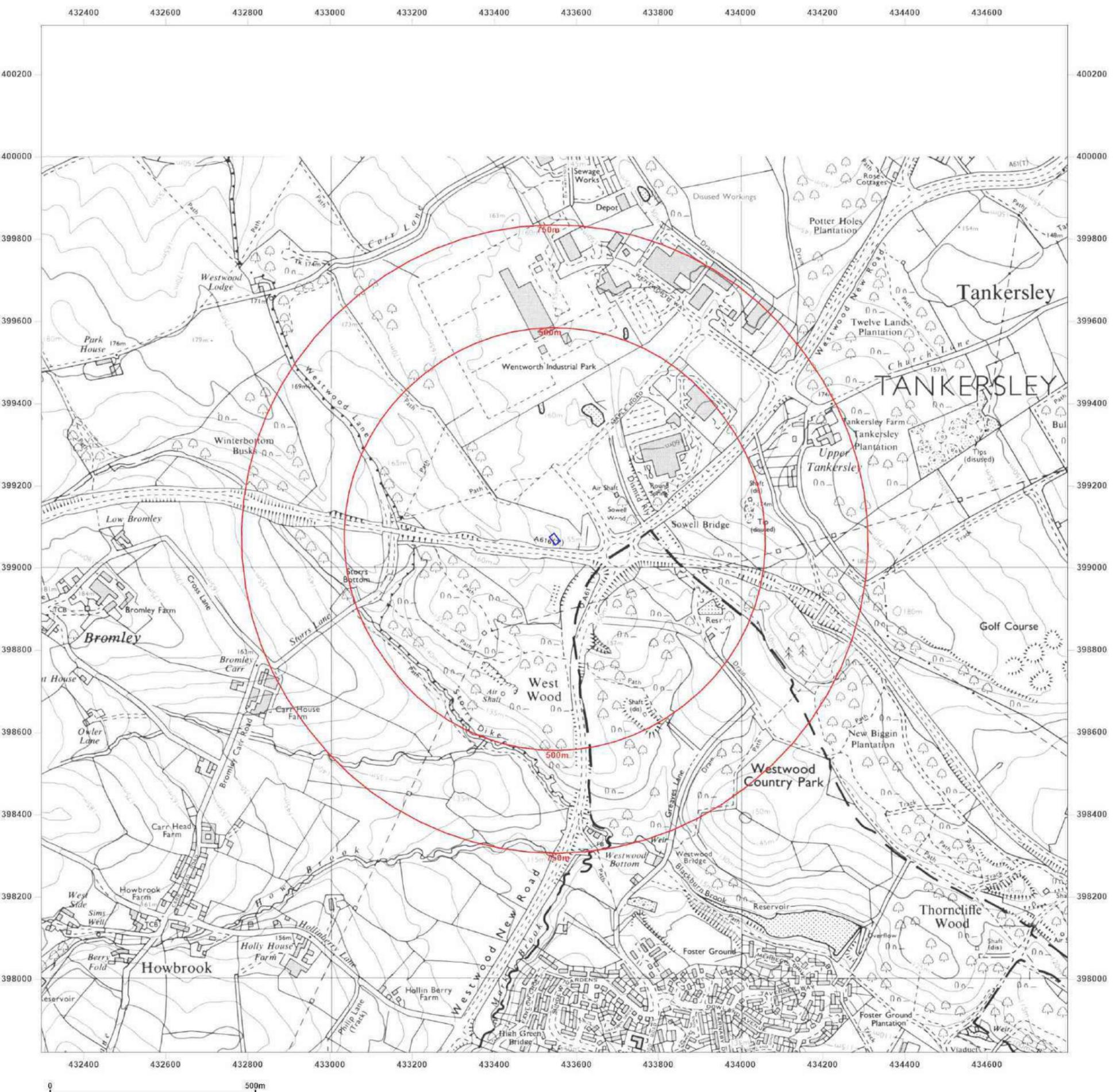
Surveyed 1980
 Revised 1980
 Edition N/A
 Copyright N/A
 Levelled N/A



Produced by
Groundsure Insights
www.groundsure.com



Supplied by:
www.emapsite.com
sales@emapsite.com



EMAPSITE™

Site Details:
 Premier Inn, Maple Road,
 Barnsley, S75 3DL

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

Map Name: National Grid
Map date: 1992
Scale: 1:10,000
Printed at: 1:10,000



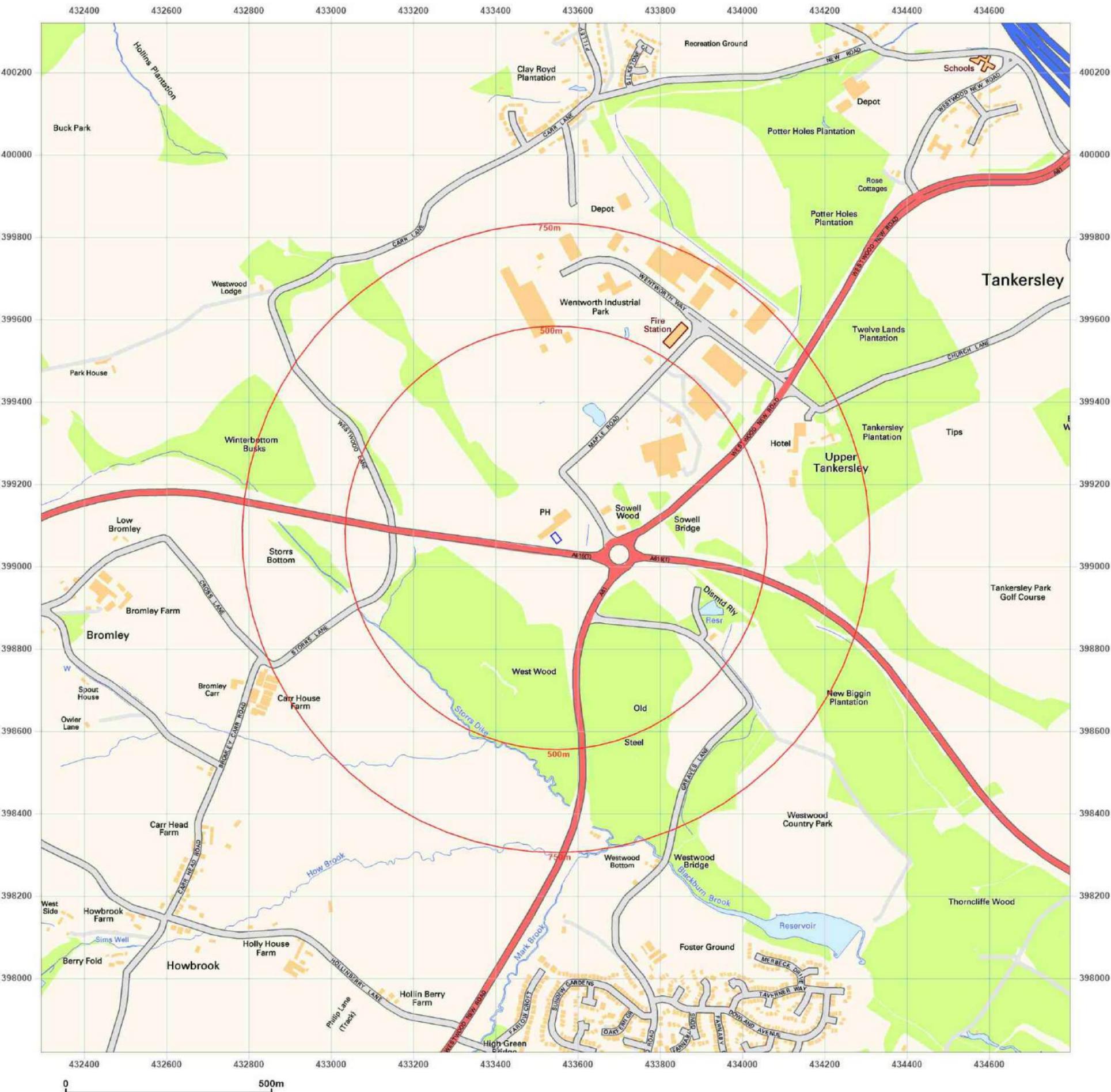
Surveyed 1991
 Revised 1992
 Edition N/A
 Copyright N/A
 Levelled N/A



Produced by
 Groundsure Insights
www.groundsure.com



Supplied by:
www.emapsite.com
sales@emapsite.com



EMAPSITE™

Site Details:

Premier Inn, Maple Road,
Barnsley, S75 3DL

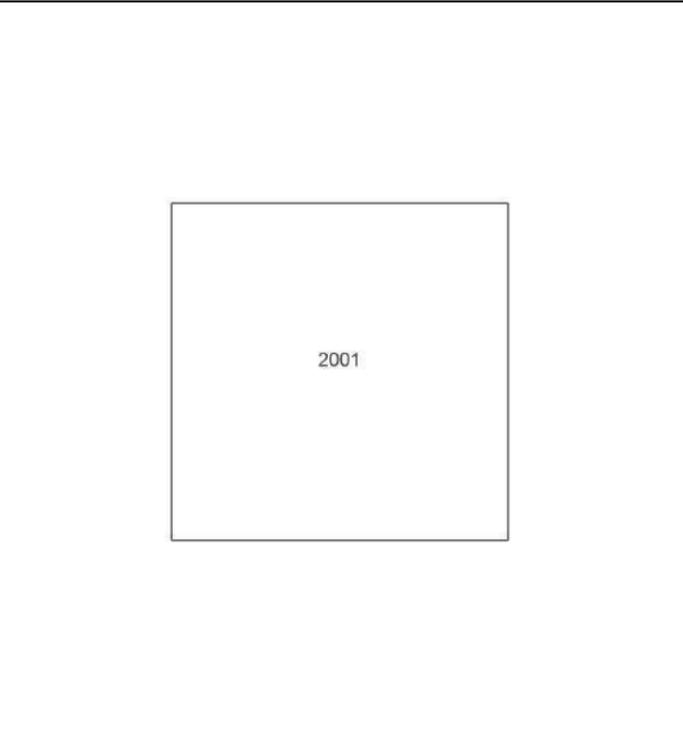
Client Ref: EMS_952452_1182574
Report Ref: EMS-952452_1210473
Grid Ref: 433546, 399070

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000



Produced by
Groundsure Insights
www.groundsure.com

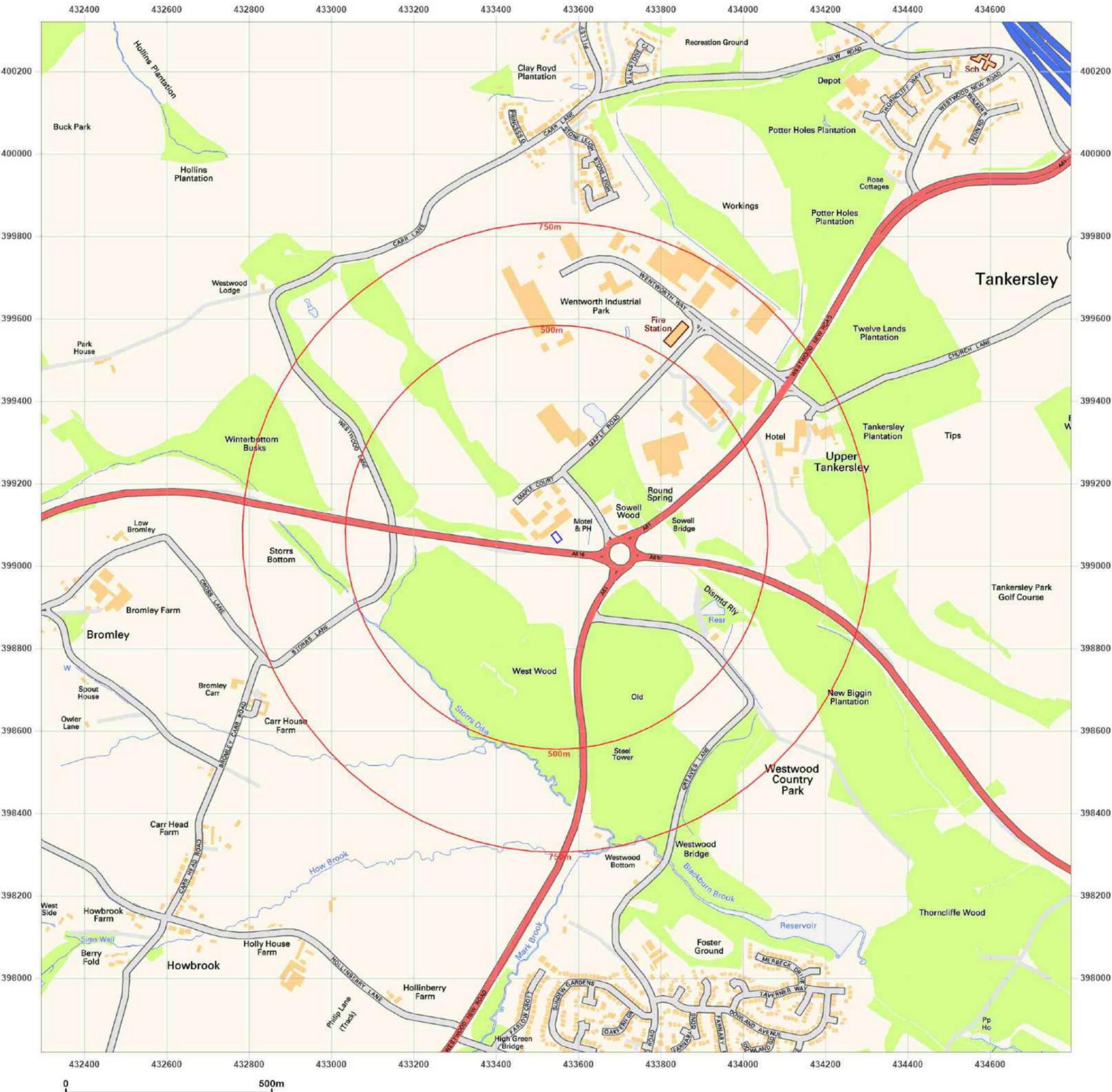


Supplied by:
www.emapsite.com
sales@emapsite.com

© Crown copyright and database rights 2024 Ordnance Survey 100035207

Production date: 19 June 2024

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf



EMAPSITE™

Site Details:

Premier Inn, Maple Road,
Barnsley, S75 3DL

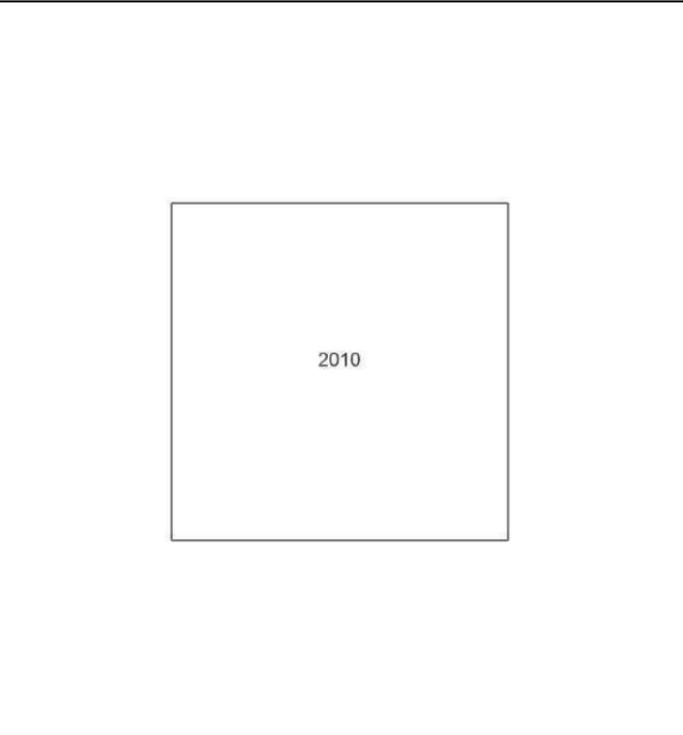
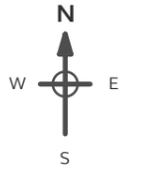
Client Ref: EMS_952452_1182574
Report Ref: EMS-952452_1210473
Grid Ref: 433546, 399070

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000



Produced by
Groundsure Insights
www.groundsure.com



Supplied by:
www.emapsite.com
sales@emapsite.com

© Crown copyright and database rights 2024 Ordnance Survey 100035207

Production date: 19 June 2024

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf

Site Details:

Premier Inn, Maple Road,
Barnsley, S75 3DL

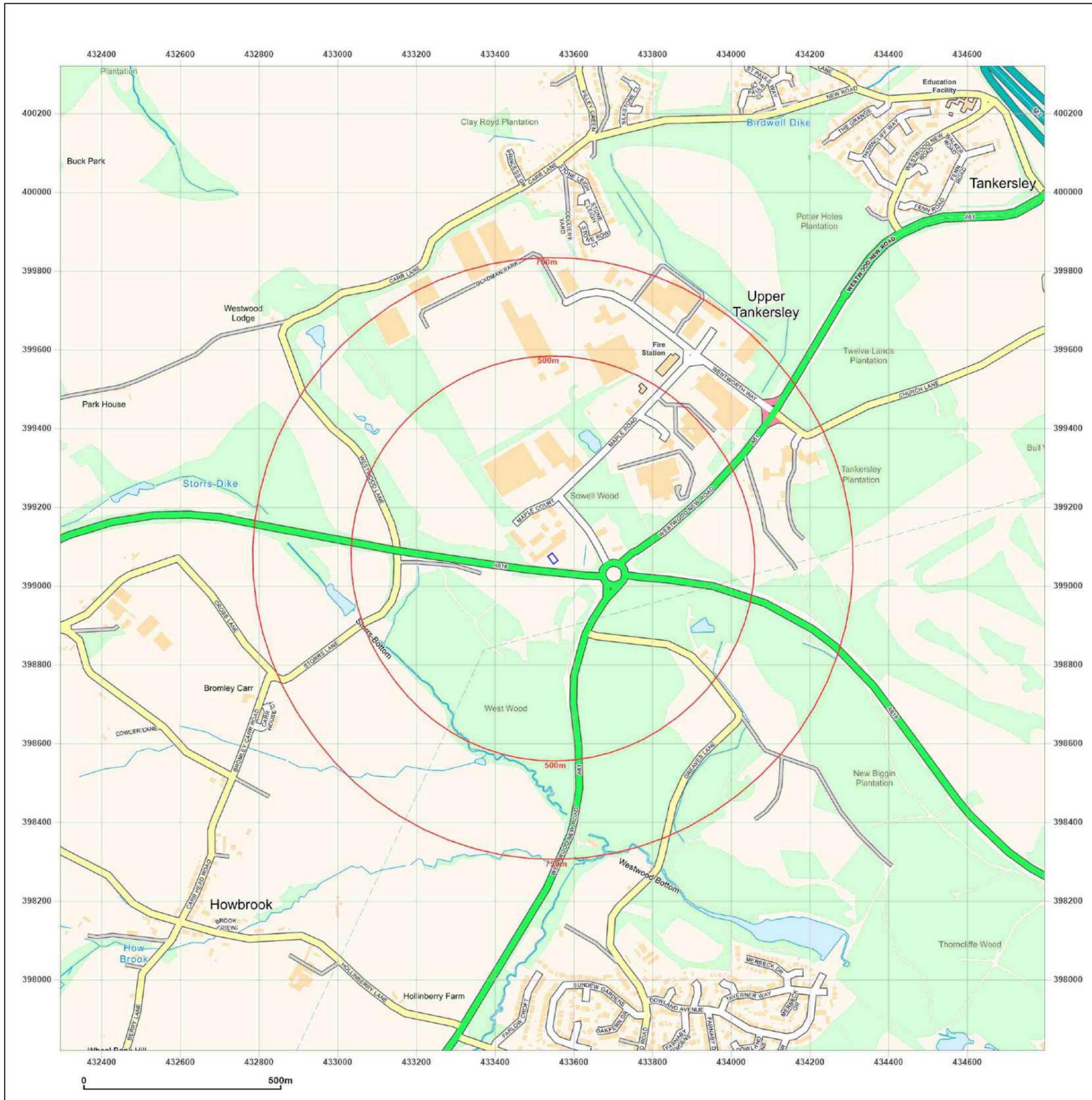
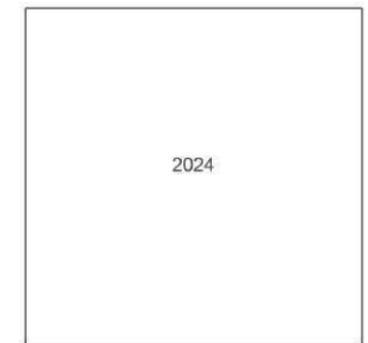
Client Ref: EMS_952452_1182574
Report Ref: EMS-952452_1210473
Grid Ref: 433546, 399070

Map Name: National Grid

Map date: 2024

Scale: 1:10,000

Printed at: 1:10,000



Produced by
Groundsure Insights
www.groundsure.com



Supplied by:
www.emapsite.com
sales@emapsite.com

© Crown copyright and database rights 2024 Ordnance Survey 100035207

Production date: 19 June 2024

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf

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.

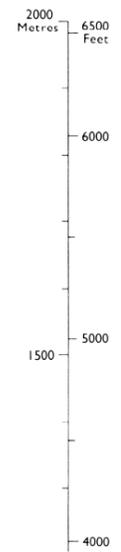
Contours are at 5 metres vertical interval.

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 over		Level crossing	} Siding, tramway or mineral line
	Road under		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

Information present on these legends is sourced from the same Ordnance Survey mapping as the maps used in this product.

If you have a query regarding any of the maps provided please contact GroundSure's technical helpline. We will endeavour to answer any queries you may have.

Technical Helpline

Tel 08444159000

groundsureinsight@groundsure.com
www.groundsure.com