

10k Raster Mapping

Published 1999

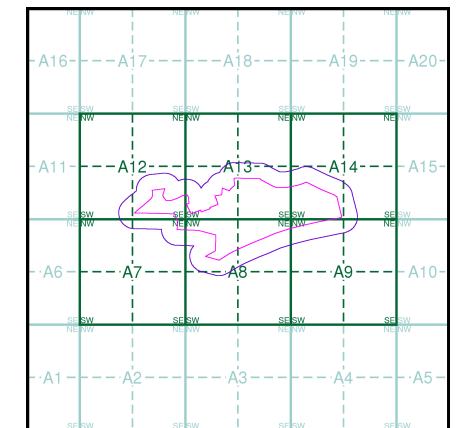
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

NS67SW	NS67SE
1999	1999
1:10,000	1:10,000
NS66NW	NS66NE
1999	1999
1:10,000	1:10,000

Historical Map - Slice A

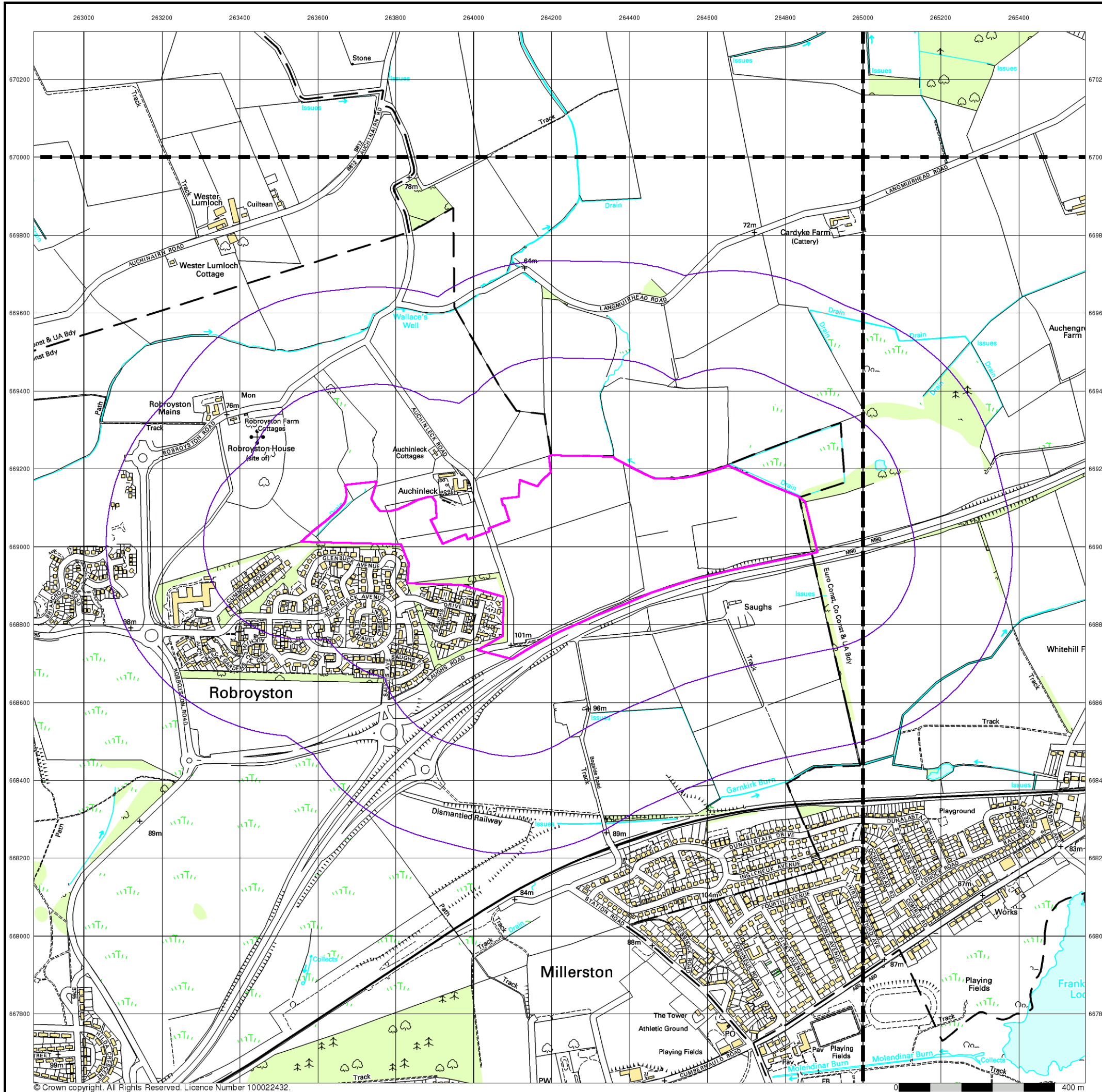


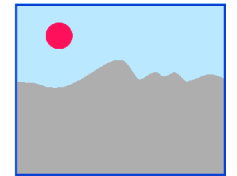
Order Details

Order Number: 232171897_1_1
 Customer Ref: TG276
 National Grid Reference: 264220, 669020
 Slice: A
 Site Area (Ha): 31.49
 Search Buffer (m): 500

Site Details

Robroyston North





10k Raster Mapping

Published 2006

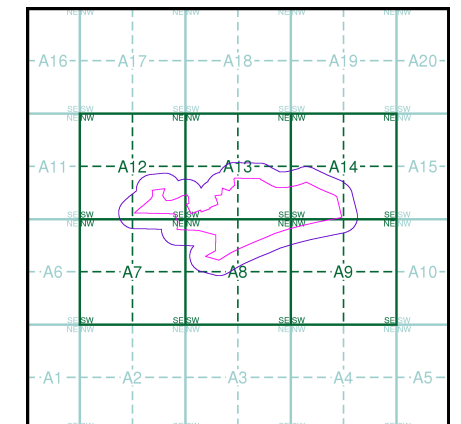
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

NS67SW 2006 1:10,000	NS67SE 2006 1:10,000
NS66NW 2006 1:10,000	NS66NE 2006 1:10,000

Historical Map - Slice A

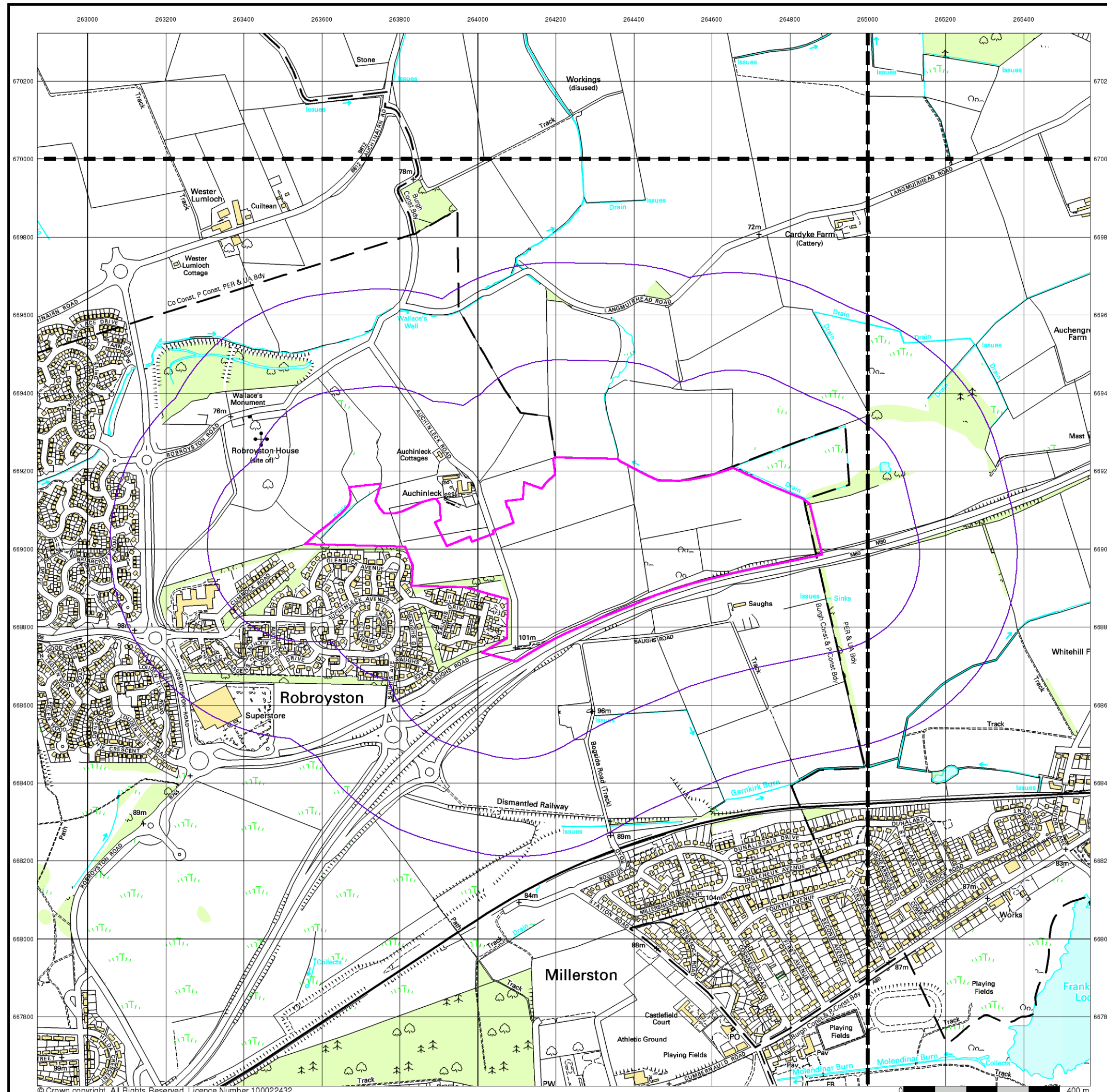


Order Details

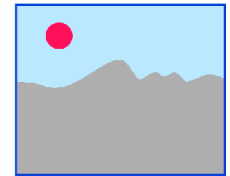
Order Number: 232171897_1_1
 Customer Ref: TG276
 National Grid Reference: 264220, 669020
 Slice: A
 Site Area (Ha): 31.49
 Search Buffer (m): 500

Site Details

Robroyston North



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VectorMap Local

Published 2020

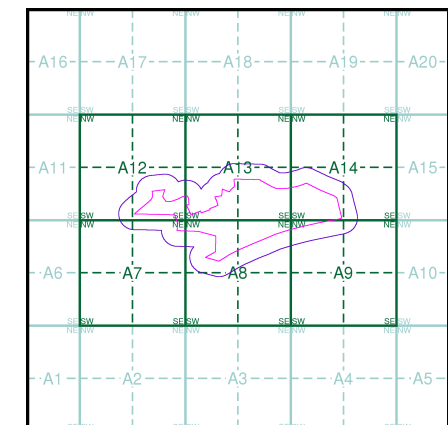
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)

NS67SW 2020 Variable	NS67SE 2020 Variable
NS66NW 2020 Variable	NS66NE 2020 Variable

Historical Map - Slice A

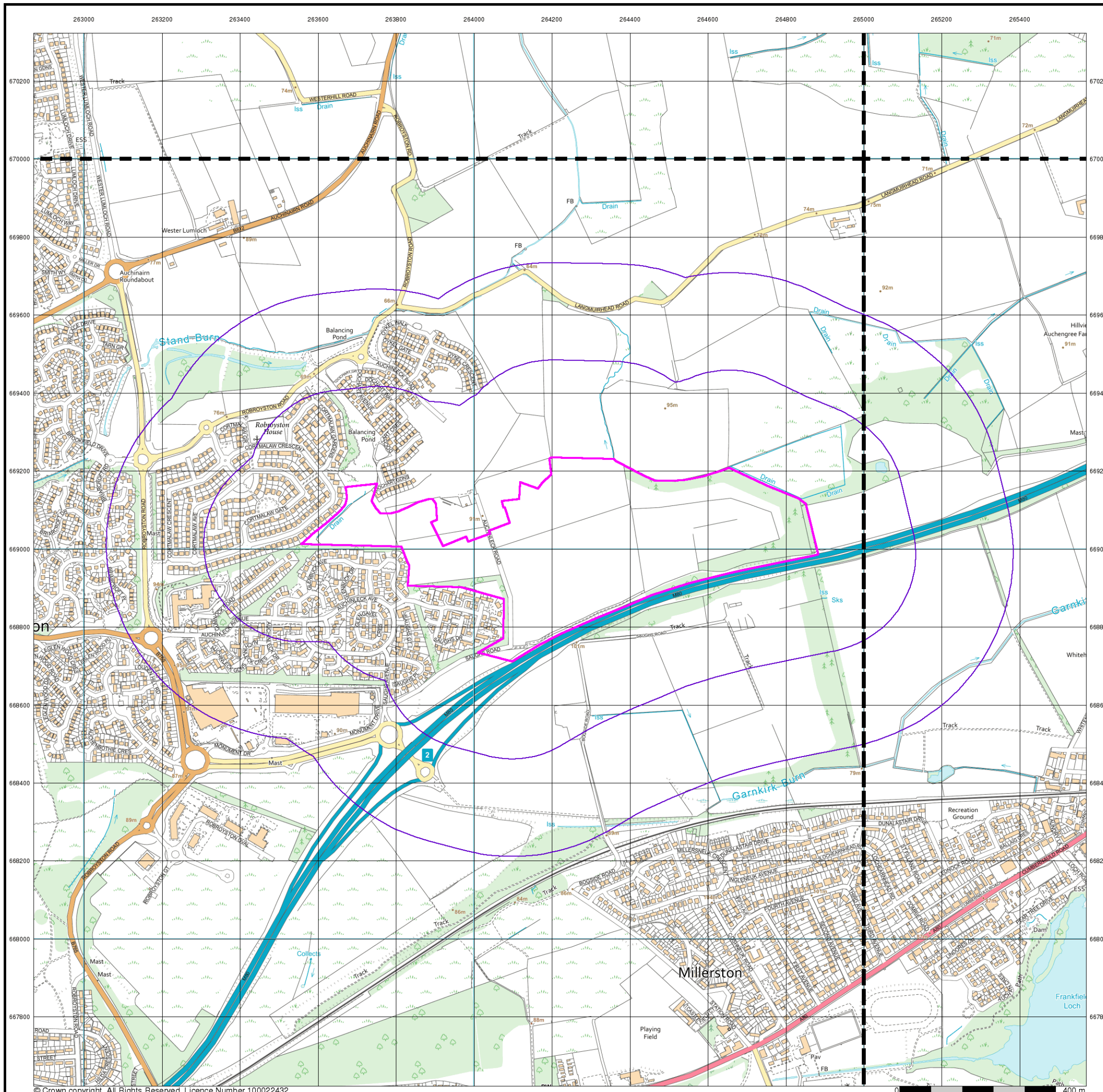


Order Details

Order Number: 232171897_1_1
 Customer Ref: TG276
 National Grid Reference: 264220, 669020
 Slice: A
 Site Area (Ha): 31.49
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Site Details

Robroyston North





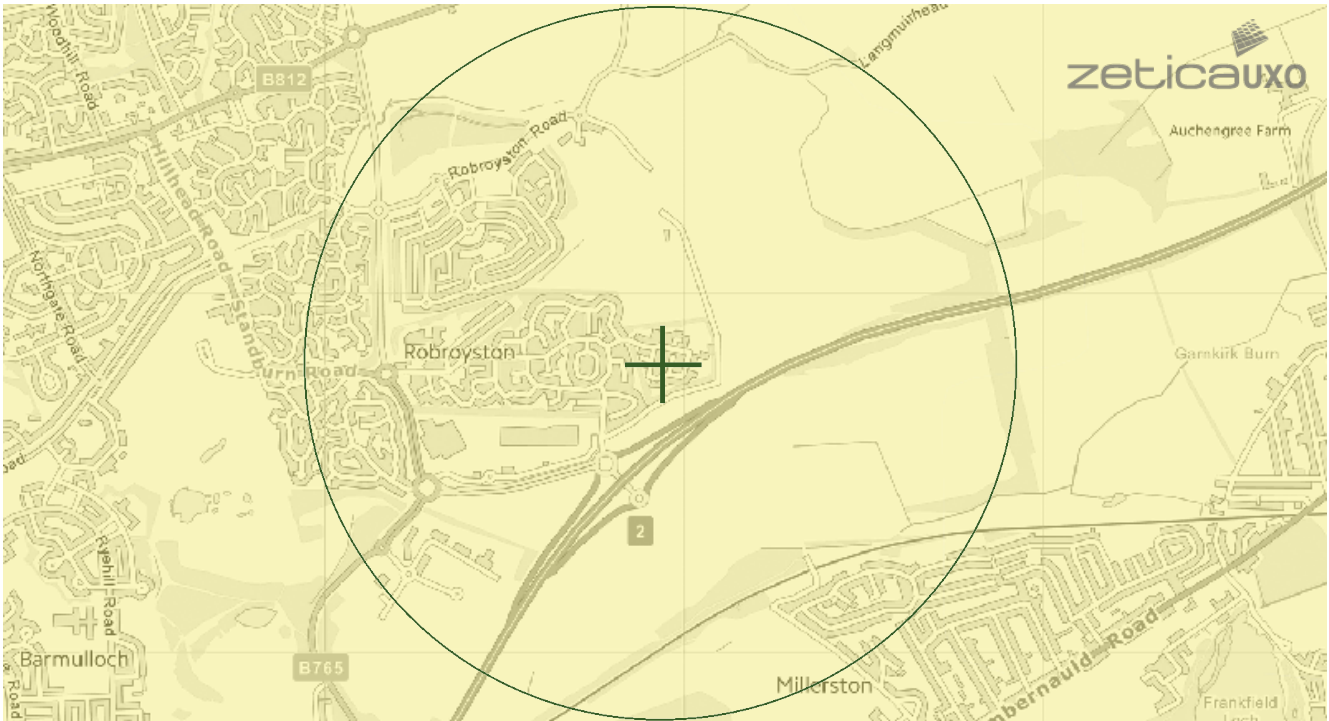
Appendix 5 Zetica Bomb map, BGS Boreholes and Coal Authority Report

UNEXPLODED BOMB RISK MAP



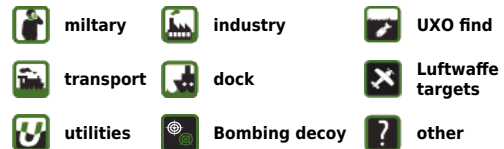
SITE LOCATION

Location: G33 1HG,
Map Centre: 263948,668803



LEGEND

- High:** Areas indicated as having a bombing density of 50 bombs per 1000acre or higher.
- Moderate:** Areas indicated as having a bombing density of 15 to 49 bombs per 1000acre.
- Low:** Areas indicated as having 15 bombs per 1000acre or less.



How to use your Unexploded Bomb (UXB) risk map?

The map indicates the potential for Unexploded Bombs (UXB) to be present as a result of World War Two (WWII) bombing.

You can incorporate the map into your preliminary risk assessment* for potential Unexploded Ordnance (UXO) for a site. Using this map, you can make an informed decision as to whether more in-depth detailed risk assessment* is necessary.

What do I do if my site is in a moderate or high risk area?

Generally, we recommend that a detailed UXO desk study and risk assessment is undertaken for sites in a moderate or high UXB risk area.

Similarly, if your site is near to a designated Luftwaffe target or bombing decoy then additional detailed research is recommended.

More often than not, this further detailed research will conclude that the potential for a significant UXO hazard to be present on your site is actually low.

Never plan site work or undertake a risk assessment using these maps alone. More detail is required, particularly where there may be a source of UXO from other military operations which are not reflected on these maps.

If my site is in a low risk area, do I need to do anything?

If both the map and other research confirms that there is a low potential for UXO to be present on your site then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

A low risk really means that there is no greater probability of encountering UXO than anywhere else in the UK.

If you are unsure whether other sources of UXO may be present, you can ask for one of our **pre-desk study assessments (PDSA)**

If I have any questions, who do I contact?

tel: **+44 (0) 1993 886682**

email: **uxo@zetica.com**

web: **www.zeticauxo.com**

The information in this UXB risk map is derived from a number of sources and should be used in conjunction with the accompanying notes on our website: (<https://zeticauxo.com/downloads-and-resources/risk-maps/>)

Zetica cannot guarantee the accuracy or completeness of the information or data used and cannot accept any liability for any use of the maps. These maps can be used as part of a technical report or similar publication, subject to acknowledgment. The copyright remains with Zetica Ltd.

It is important to note that this map is not a UXO risk assessment and should not be reported as such when reproduced.

*Preliminary and detailed UXO risk assessments are advocated as good practice by industry guidance such as CIRIA C681 'Unexploded Ordnance (UXO), a guide for the construction industry'.

Geology of Britain viewer

[Try the Beta version of our 3D Geology of Britain viewer](#)



[More BGS map viewers](#)

- Surface Geology
- 3D Models
- Borehole Scans**
- Earthquake Timeline

Borehole Scans

Click on a borehole to view scan.

Borehole depth

- 0 - 10m
- 10 - 30m
- 30m+
- Unknown
- Confidential or Restricted

[More on boreholes](#)

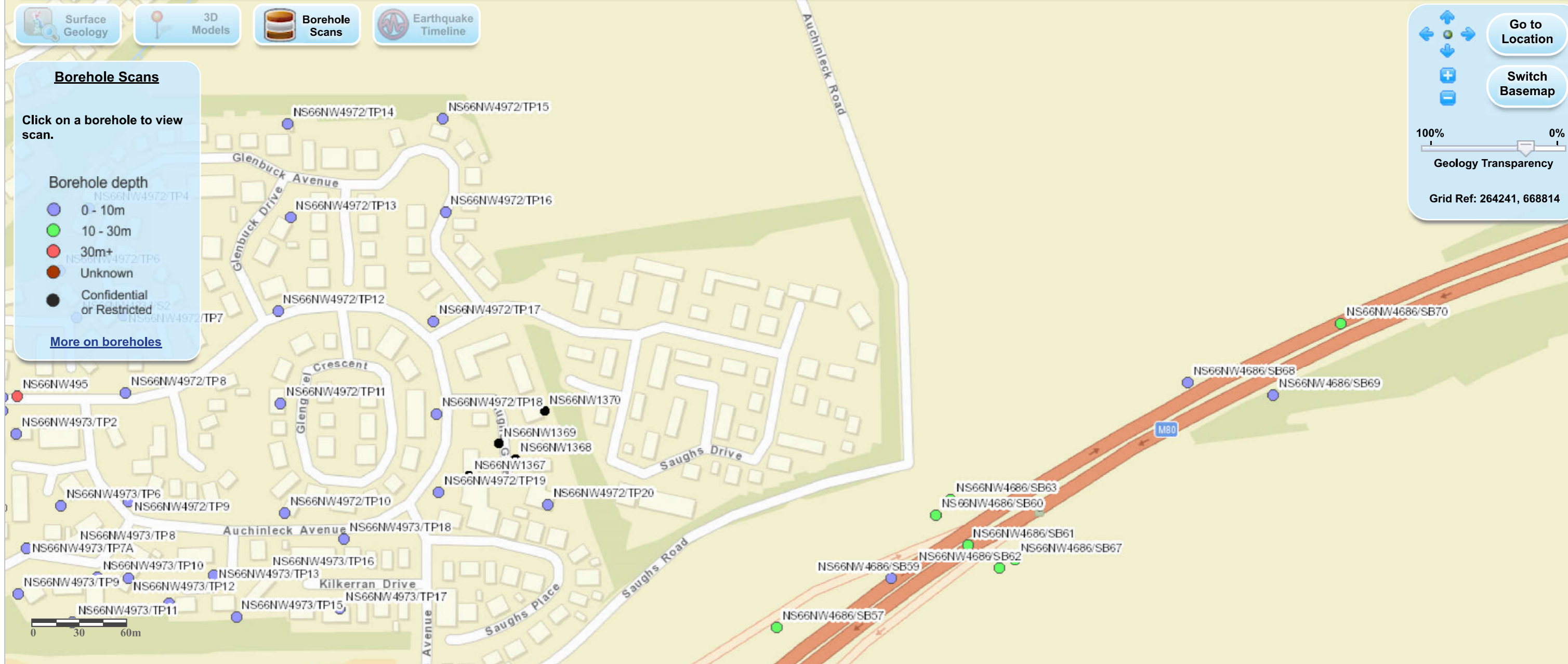
Go to Location

Switch Basemap

100% 0%

Geology Transparency

Grid Ref: 264241, 668814





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Version 2.0.6

BGS ID: 17970133 : BGS Reference:
NS66NW1079
British National Grid (27700) : 264885,669027

[Report an issue with this borehole](#)

DUNELM DRILLING CO.

BOREHOLE RECORD

Contract No. C3738 Client J.B. GLENN - A WHITEHOUSE ASSOCIATES
 Ground Level Location PLANNED SERVICE AREA - STEPPS BYPASS
 Date SEPT 1988 BOREHOLE No.s 1 & 2

Depth	Thick-ness	Legend	Description of Strata	Type of Sample	C kN/m ²	M %	Ø	Density Kg/m ³	N
BH 1									
0.15	0.15		SOIL						
	1.85		FAIRLY FIRM BROWN STONY CLAY	U 1.00	31.0	20.0	6°	2140	
2.00									
2.15	0.15		HARD DK GREY SCHIST	P 2.10	FOR	NR PENETRATION			SS
CHISELING 1/2 HR. DRY									
BH 2									
0.20	0.20		SOIL						
	1.80		FAIRLY FIRM BROWN STONY CLAY	U 1.00	40.0	18.0	6°	2080	
2.00									
2.15	0.15		HARD DK GREY SCHIST	P 2.10	JUST	BOUNDARY			60
CHISELING 1/2 HR. DRY									
Water Struck at.....					Standing Water Level.....				



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Version 2.0.6

BGS ID: 1077795 : BGS Reference:
NS66NW4686/SB59
British National Grid (27700) : 264080,668685

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PRECONSTRUCTION SERVICES AND FOUNDATIONS LTD.			BORE LOG		
CLIENT Strathclyde Regional Council		SITE M80 STEPPS BYPASS			
ENGINEER Director of Roads	LOGGED BY WS	GROUND LEVEL 100.150 m.A.O.D.	REF. NO. 605		
DRILLING METHOD Shell and Auger, 200mm dia to 10.00m		START 4.3.82	COMPLETE 4.3.82	SHEET 1 of 2	BORE NO. SB59
				SCALE 1:50	

LABORATORY TESTS						Soil Sample Type	Depth (m)	In situ Tests	STRATA DESCRIPTION	Depth (m)	O.D. Level m.A.O.D.	Casegr. Symbol
M	BD	C	φ	LL / PL	CGS							
						D	0.50		TOPSOIL	0.30		
18						U	1.00		Firm to stiff, mottled orange, grey and brown, sandy silty CLAY with gravel			
						D	1.50			1.50		
11	2230					U	2.00		Stiff to very stiff, dark grey BOULDER CLAY			
						D	2.50					
11	2316			31 / 16	CL	U	3.00					
						D	3.50					
12	2298					U	4.00					
						D	4.50					
11						U	5.00					
						D	5.50					
12	2377					U	6.00					
						D	6.50					
12				28 / 12	CL	U	7.00					
						D	7.50					
12	2278					U	8.00					
						D	8.50					
13						U	9.00			9.00		

<p>KEY</p> <p>N(X) - Standard Penetration Test Result</p> <p>U - Undisturbed 100mm dia. Sample</p> <p>B - Bulk Disturbed Sample</p> <p>D - Small Disturbed Sample</p> <p>W - Water Sample</p> <p>M - Moisture Content (%)</p> <p>BD - Bulk Density (Kg/m³)</p> <p>C - Immediate Undrained Cohesion (kN/m²)</p> <p>φ - Immediate Undrained Friction Angle (degree)</p> <p>LL - Liquid Limit (%)</p> <p>PL - Plastic Limit (%)</p> <p>CGS - Casagrande Group Symbol</p>	<p>REMARKS</p> <p>Borehole dry. Very slight seepage at 1.50 metres</p>
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Geological Survey**

NATURAL ENVIRONMENT RESEARCH COUNCIL

Version 2.0.6

BGS ID: 1077796 : BGS Reference:
NS66NW4686/SB60

British National Grid (27700) : 264110,668725

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LABORATORY TESTS										Soil Sample Type	Depth (m)	In situ Tests	STRATA DESCRIPTION	Depth (m)	O.D. Level m.A.S.D.	Borehole	
M	BD	C	φ	LL / PL	CGS												
<p>PRECONSTRUCTION SERVICES AND FOUNDATIONS LTD. BORE LOG</p> <p>CLIENT Strathclyde Regional Council SITE M80 STEPPS BYPASS</p> <p>ENGINEER Director of Roads LOGGED BY WS GROUND LEVEL 99.347 m.A.O.D. REF. NO. 605</p> <p>DRILLING METHOD Shell and Auger, 200mm dia to 14.60m START COMPLETE 26.2.82 1.3.82 SHEET 1 of 2 BORE NO. SB60</p> <p>SCALE 1:50</p>																	
													TOPSOIL	0.33			
22	2145	25	14	35 / 18	CL	U				0.50			Soft to firm, mottled brown, sandy silty CLAY with gravel, slight traces of fibrous material and patches of peat at 1.50 metres				
						D				1.00							
						U				1.50							
20	2120					U				2.00							
						D				2.50							
						U				3.00							
13	2215	112	7	36 / 16	CL	U				3.00				Stiff to very stiff, greyish brown, BOULDER CLAY, slightly weathered at top of strata			
						D				3.50							
						U				4.00							
10	2285					D				4.50							
						U				5.00							
						D				5.50							
11	2296	130	0	29 / 13	CL	U				5.00							
						D				5.50							
						U				6.00							
12	2172					D				6.50							
						U				7.00							
12	2260	22				D				7.50							
						U				8.00							
12	2200			28 / 14	CL	U				8.00							
<p>KEY</p> <ul style="list-style-type: none"> N(X) - Standard Penetration Test Result U - Undisturbed 100mm dia. Sample B - Bulk Disturbed Sample D - Small Disturbed Sample W - Water Sample M - Moisture Content (%) BD - Bulk Density (Kg/m³) C - Immediate Undrained Cohesion (kN/m²) φ - Immediate Undrained Friction Angle (degrees) LL - Liquid Limit (%) PL - Plastic Limit (%) CGS - Casagrande Group Symbol 													<p>REMARKS</p> <p>Initial water level 9.20 metre overnight. Borehole dry</p>				



British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Version 2.0.6

BGS ID: 1077797 : BGS Reference:
NS66NW4686/SB61
British National Grid (27700) : 264130,668705

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**British
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NATURAL ENVIRONMENT RESEARCH COUNCIL

Version 2.0.6

BGS ID: 1077798 : BGS Reference:
NS66NW4686/SB62

British National Grid (27700) : 264150,668690

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British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Version 2.0.6

BGS ID: 1077799 : BGS Reference:
NS66NW4686/SB63
British National Grid (27700) : 264120,668735

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