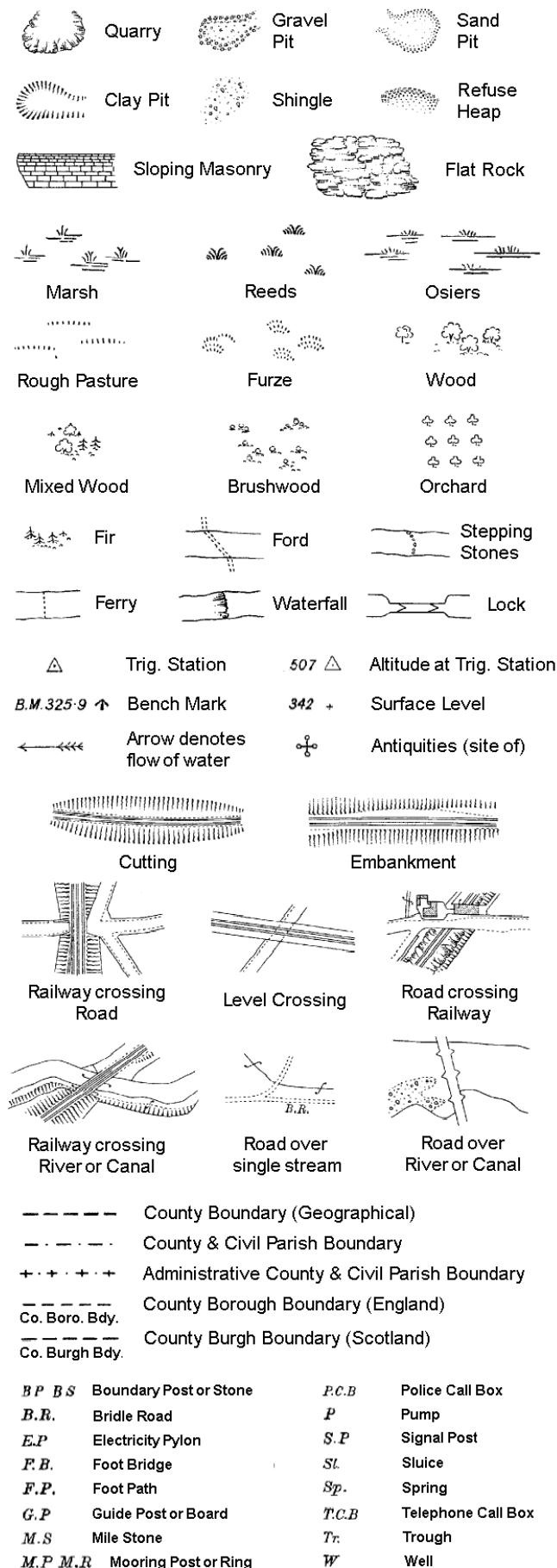


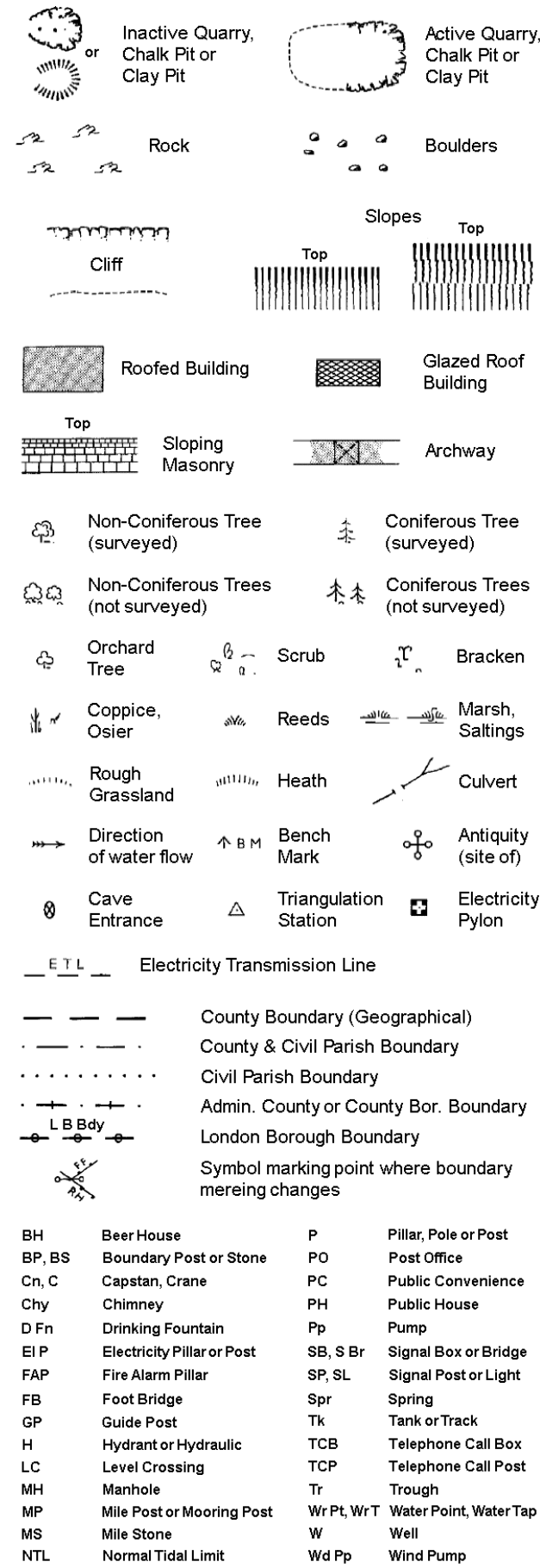
APPENDIX B: HISTORICAL MAPS

Historical Mapping Legends

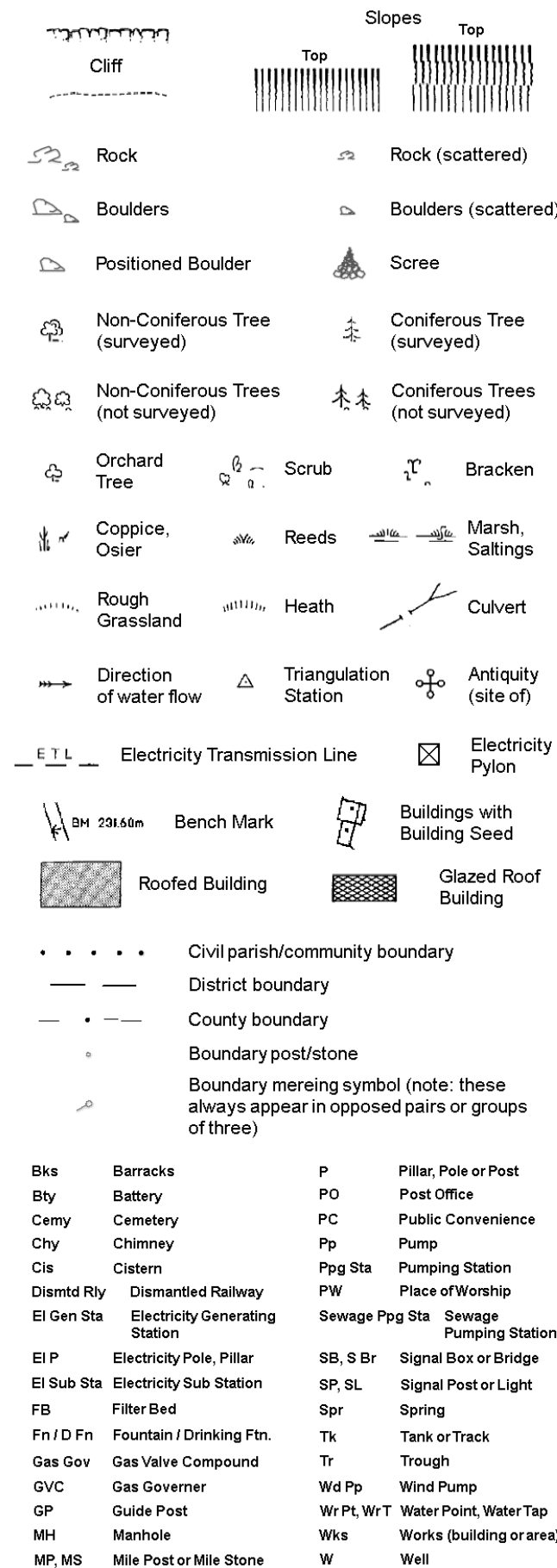
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



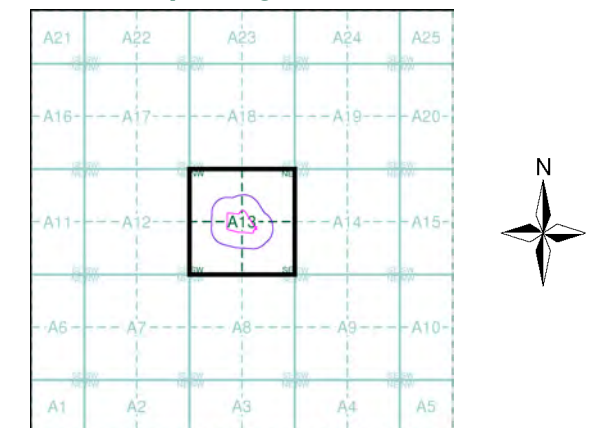
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:2,500	1866 - 1869	2
Sussex	1:2,500	1883	3
Hampshire & Isle Of Wight	1:2,500	1897 - 1898	4
Sussex	1:2,500	1898	5
Hampshire & Isle Of Wight	1:2,500	1909	6
Sussex	1:2,500	1912	7
Sussex	1:2,500	1932	8
Hampshire & Isle Of Wight	1:2,500	1932	9
Ordnance Survey Plan	1:2,500	1953	10
Ordnance Survey Plan	1:2,500	1969	11
Ordnance Survey Plan	1:1,250	1979 - 1981	12
Additional SIMs	1:1,250	1989	13
Large-Scale National Grid Data	1:1,250	1993	14
Large-Scale National Grid Data	1:1,250	1996	15
Historical Aerial Photography	1:2,500	2000	16

Historical Map - Segment A13



Order Details

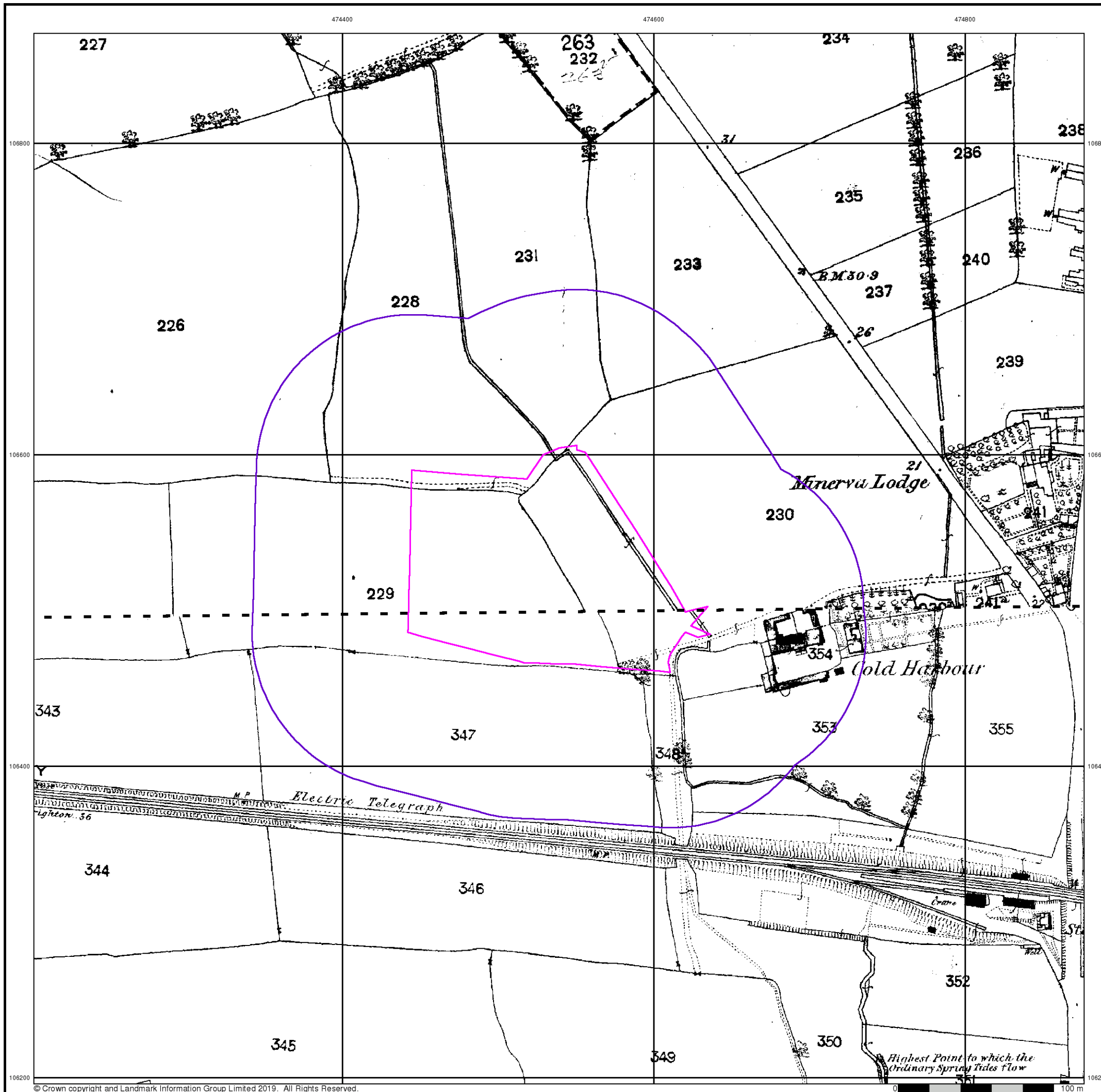
Order Number: 206456492_1_1
Customer Ref: 3229
National Grid Reference: 474530, 106530
Slice: A
Site Area (Ha): 1.92
Search Buffer (m): 100

Site Details

Land to the west of Coldharbour Farm Lane, Emsworth, Hampshire, PO10 7XA



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



LUSTRE
CONSULTING

Hampshire & Isle Of Wight

Published 1866 - 1869

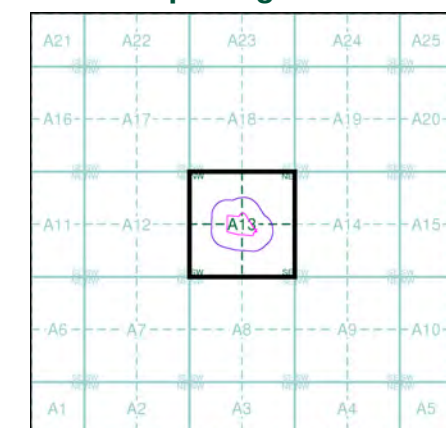
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

076_08
1869
1:2,500
076_12
1866
1:2,500

Historical Map - Segment A13



Order Details

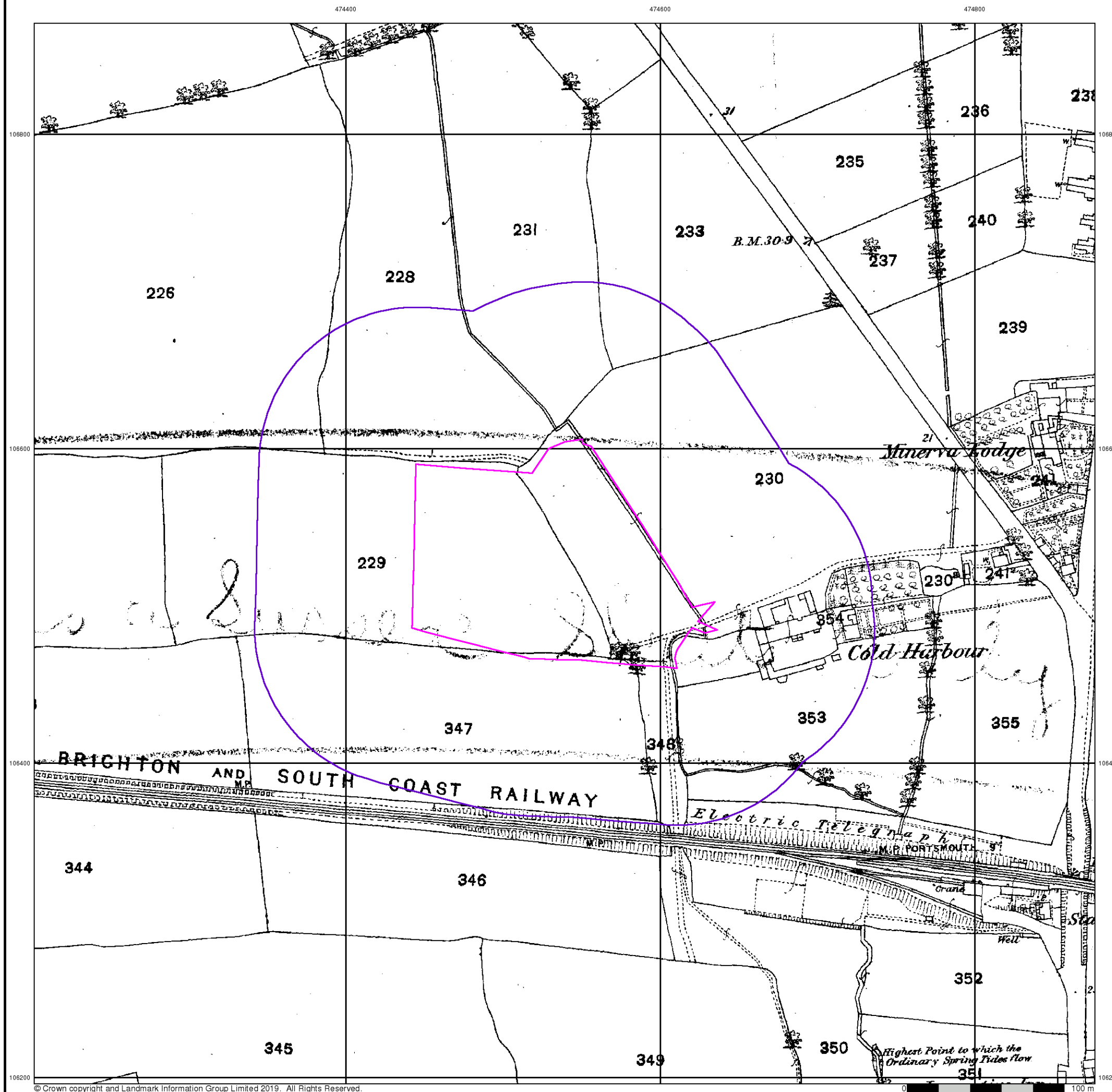
Order Number: 206456492_1_1
Customer Ref: 3229
National Grid Reference: 474530, 106530
Slice: A
Site Area (Ha): 1.92
Search Buffer (m): 100

Site Details

Land to the west of Coldharbour Farm Lane, Emsworth, Hampshire, PO10 7XA

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



LUSTRE
CONSULTING

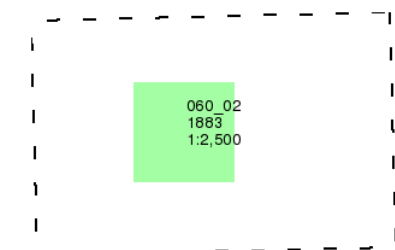
Sussex

Published 1883

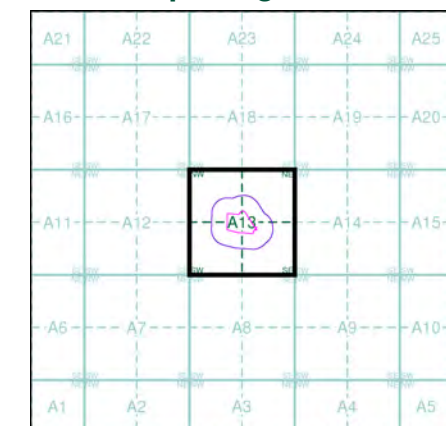
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

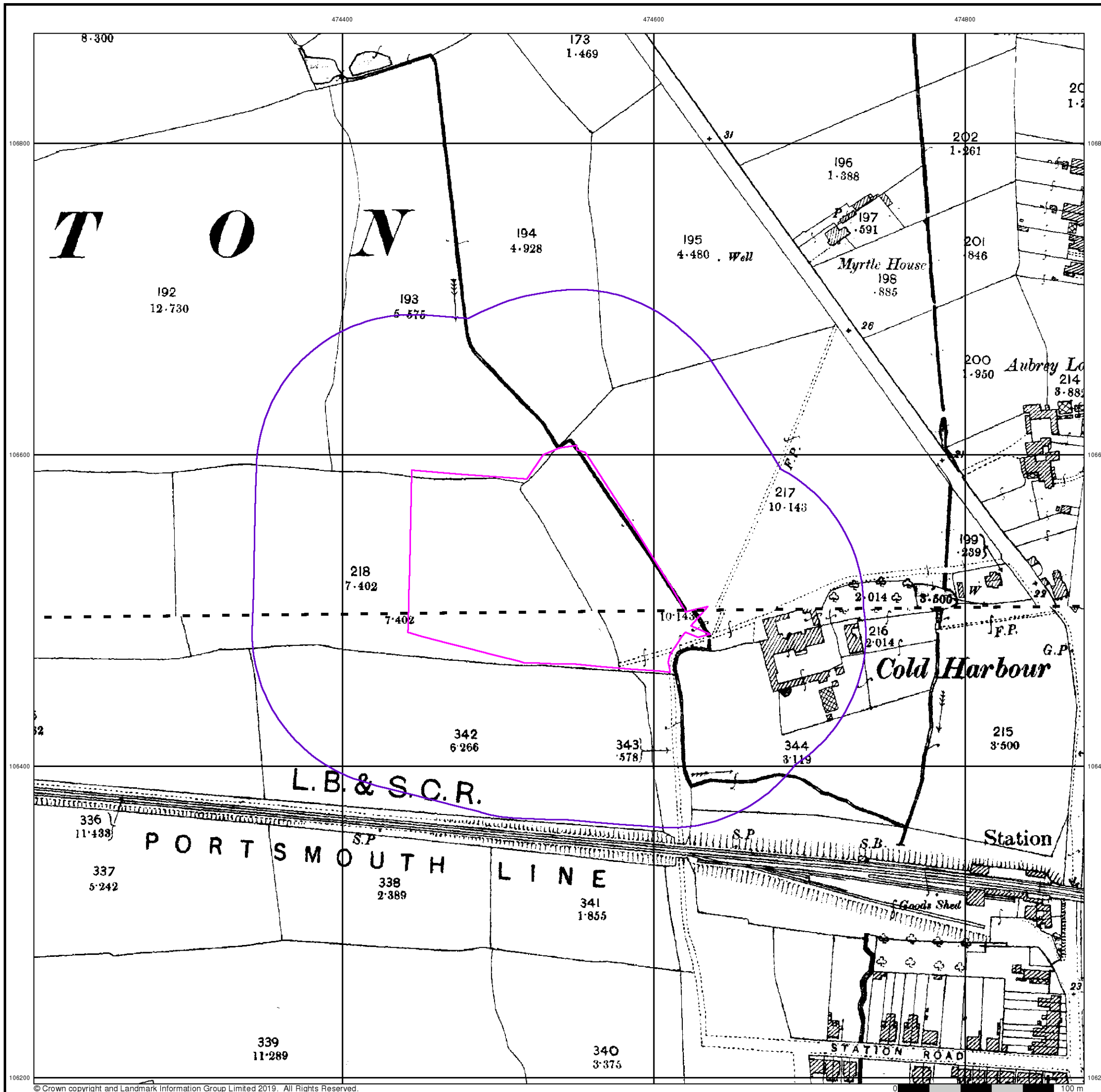
Order Number: 206456492_1_1
Customer Ref: 3229
National Grid Reference: 474530, 106530
Slice: A
Site Area (Ha): 1.92
Search Buffer (m): 100

Site Details

Land to the west of Coldharbour Farm Lane, Emsworth, Hampshire, PO10 7XA

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



LUSTRE
CONSULTING

Hampshire & Isle Of Wight

Published 1897 - 1898

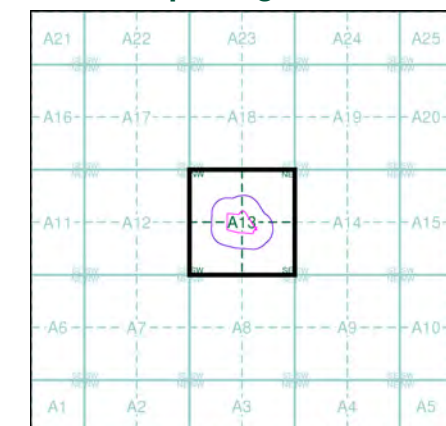
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

076_08
1897
1:2,500
076_12
1898
1:2,500

Historical Map - Segment A13



Order Details

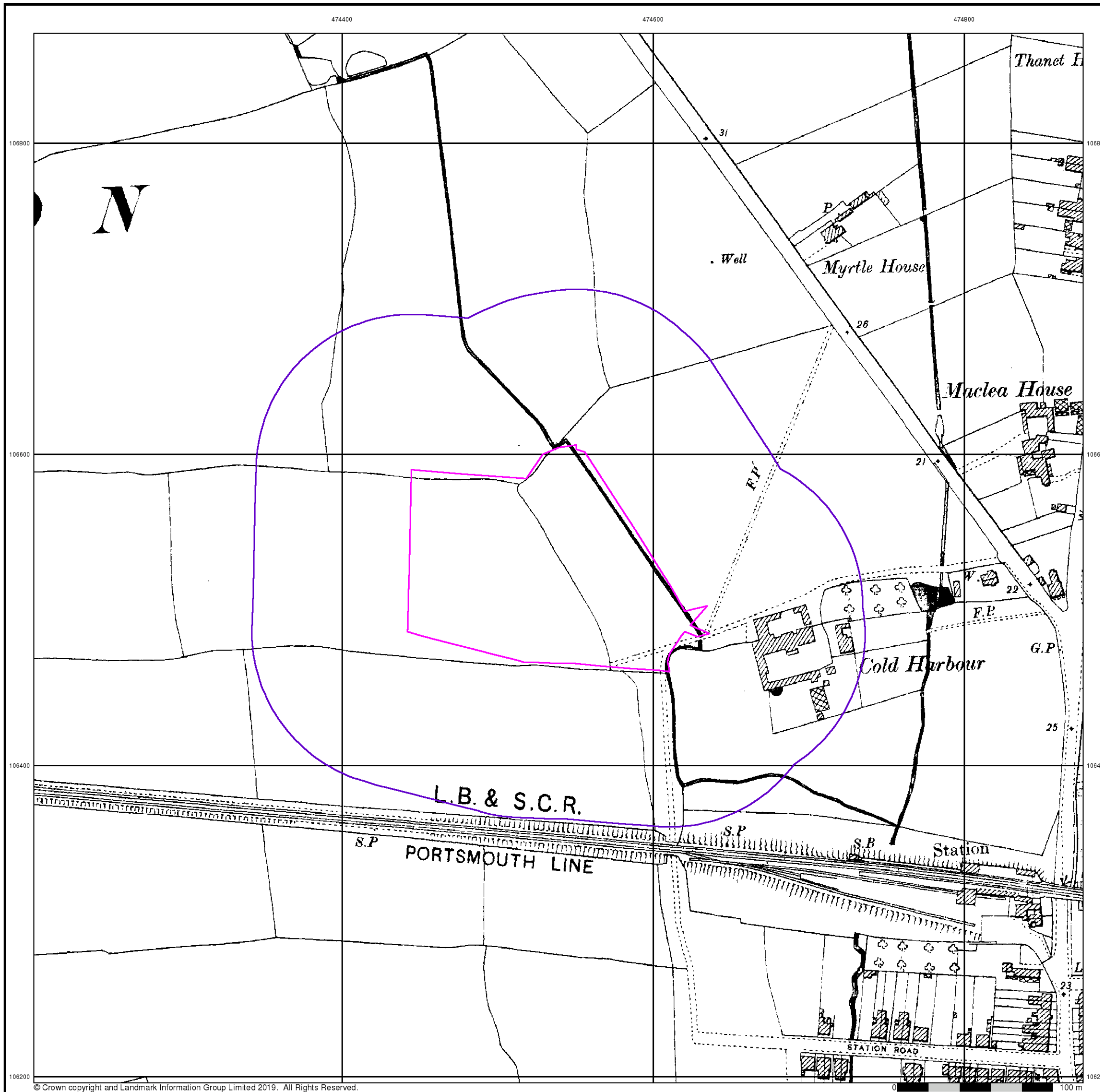
Order Number: 206456492_1_1
Customer Ref: 3229
National Grid Reference: 474530, 106530
Slice: A
Site Area (Ha): 1.92
Search Buffer (m): 100

Site Details

Land to the west of Coldharbour Farm Lane, Emsworth, Hampshire, PO10 7XA

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



LUSTRE
CONSULTING

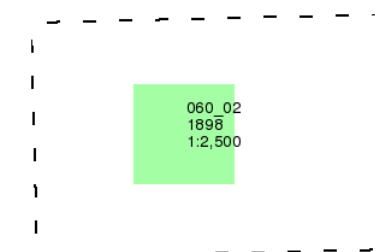
Sussex

Published 1898

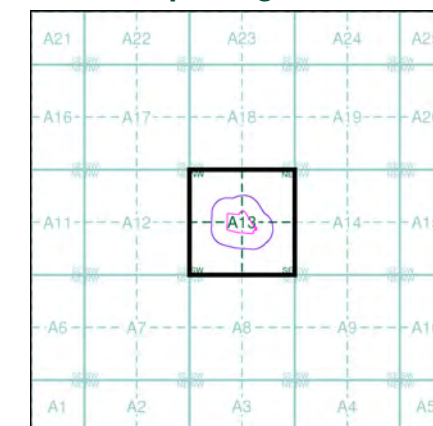
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

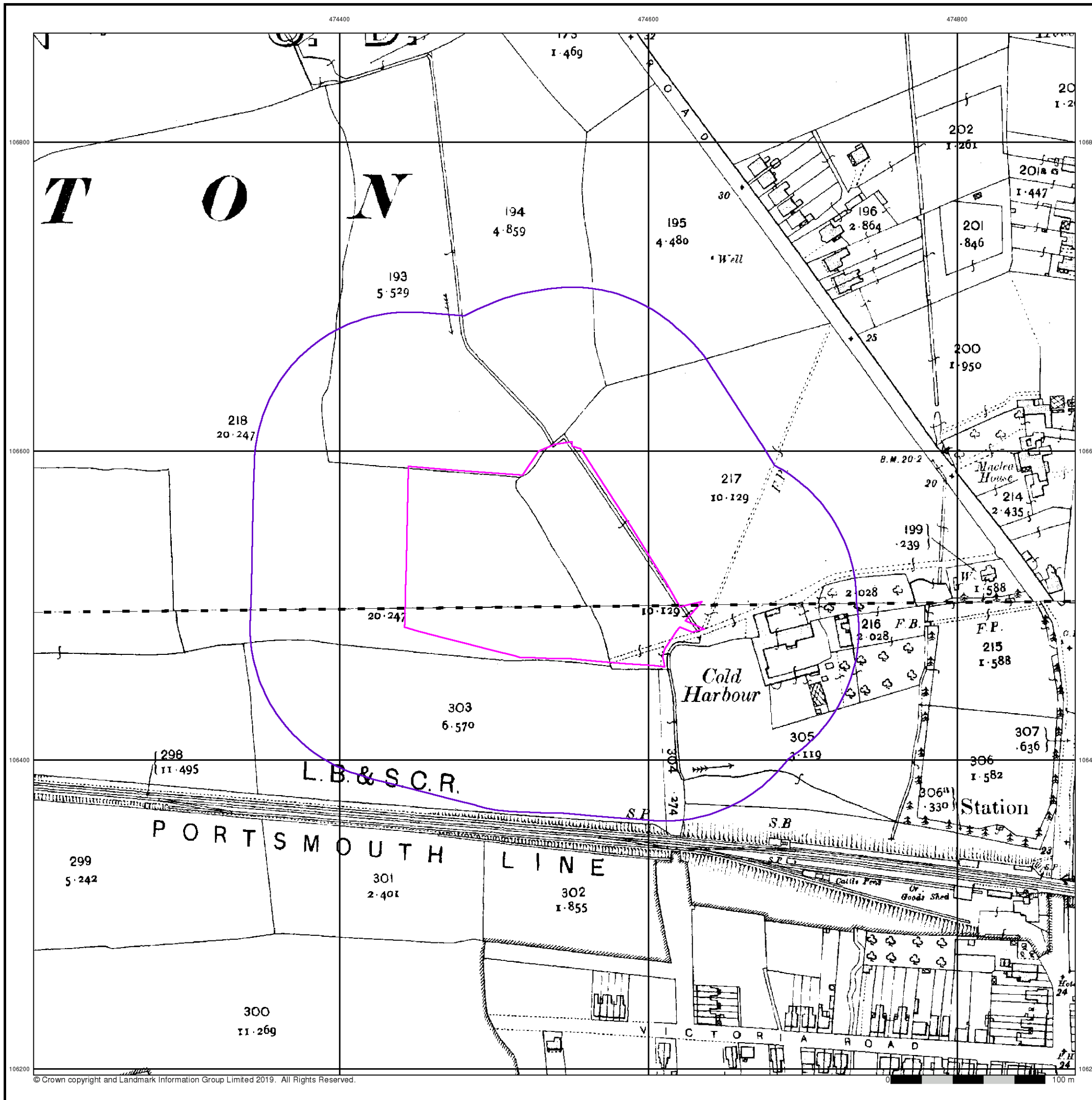
Order Number: 206456492_1_1
Customer Ref: 3229
National Grid Reference: 474530, 106530
Slice: A
Site Area (Ha): 1.92
Search Buffer (m): 100

Site Details

Land to the west of Coldharbour Farm Lane, Emsworth,
Hampshire, PO10 7XA

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Hampshire & Isle Of Wight

Published 1909

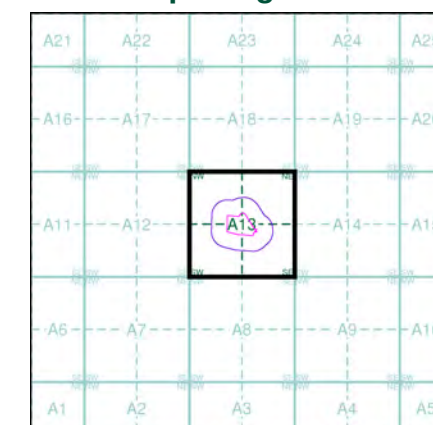
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

076_08
1909
1:2,500
076_12
1909
1:2,500

Historical Map - Segment A13



Order Details

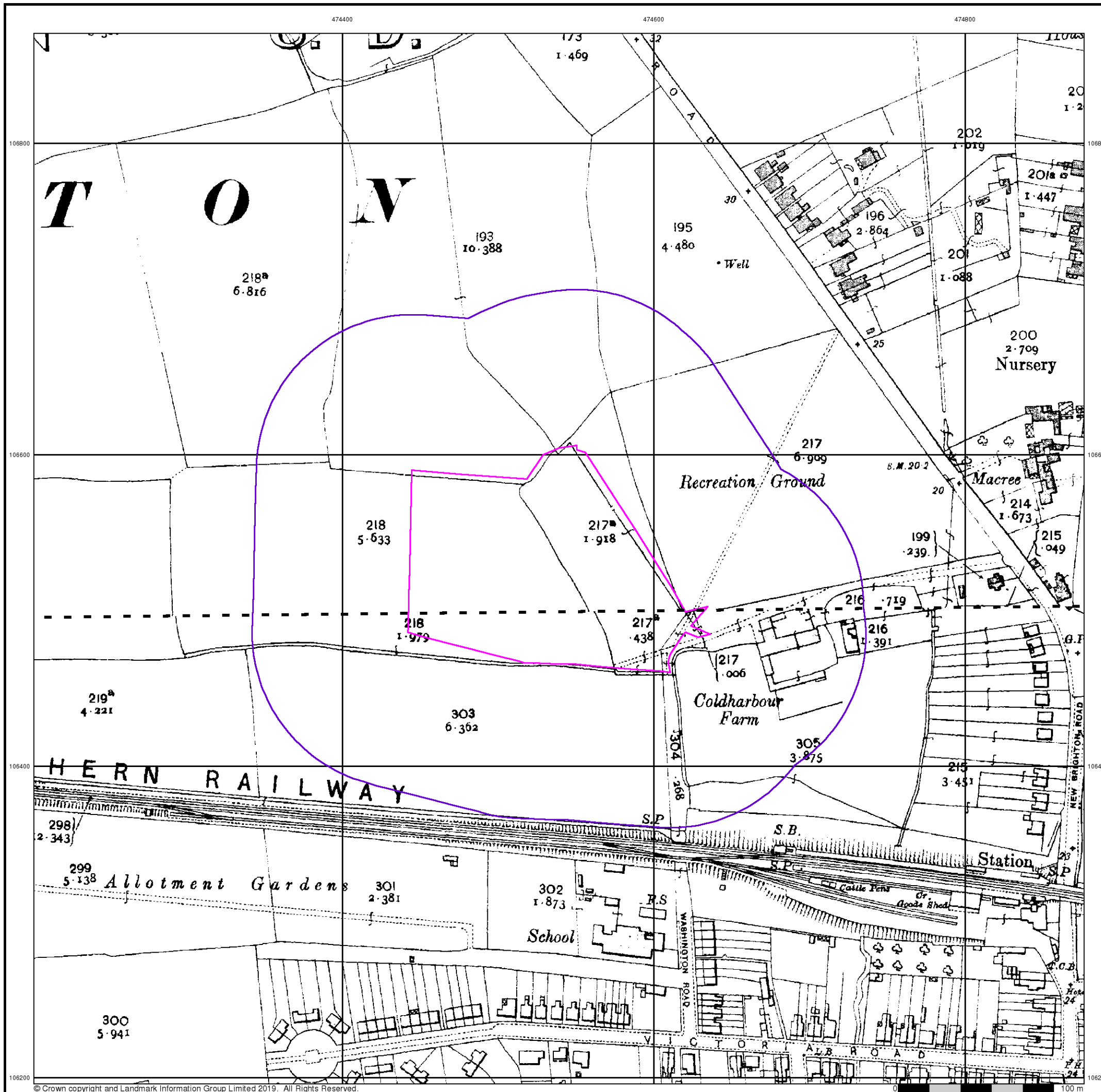
Order Number: 206456492_1_1
Customer Ref: 3229
National Grid Reference: 474530, 106530
Slice: A
Site Area (Ha): 1.92
Search Buffer (m): 100

Site Details

Land to the west of Coldharbour Farm Lane, Emsworth, Hampshire, PO10 7XA



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



LUSTRE
CONSULTING

Hampshire & Isle Of Wight

Published 1932

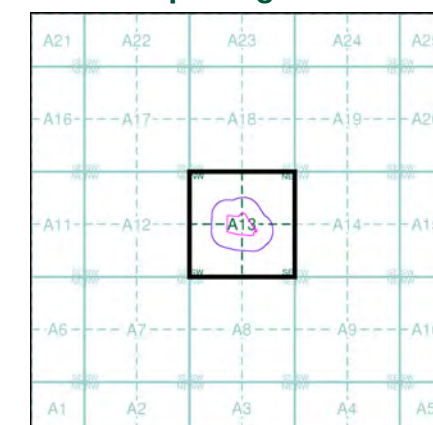
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

076_08
1932
1:2,500
076_12
1932
1:2,500

Historical Map - Segment A13



Order Details

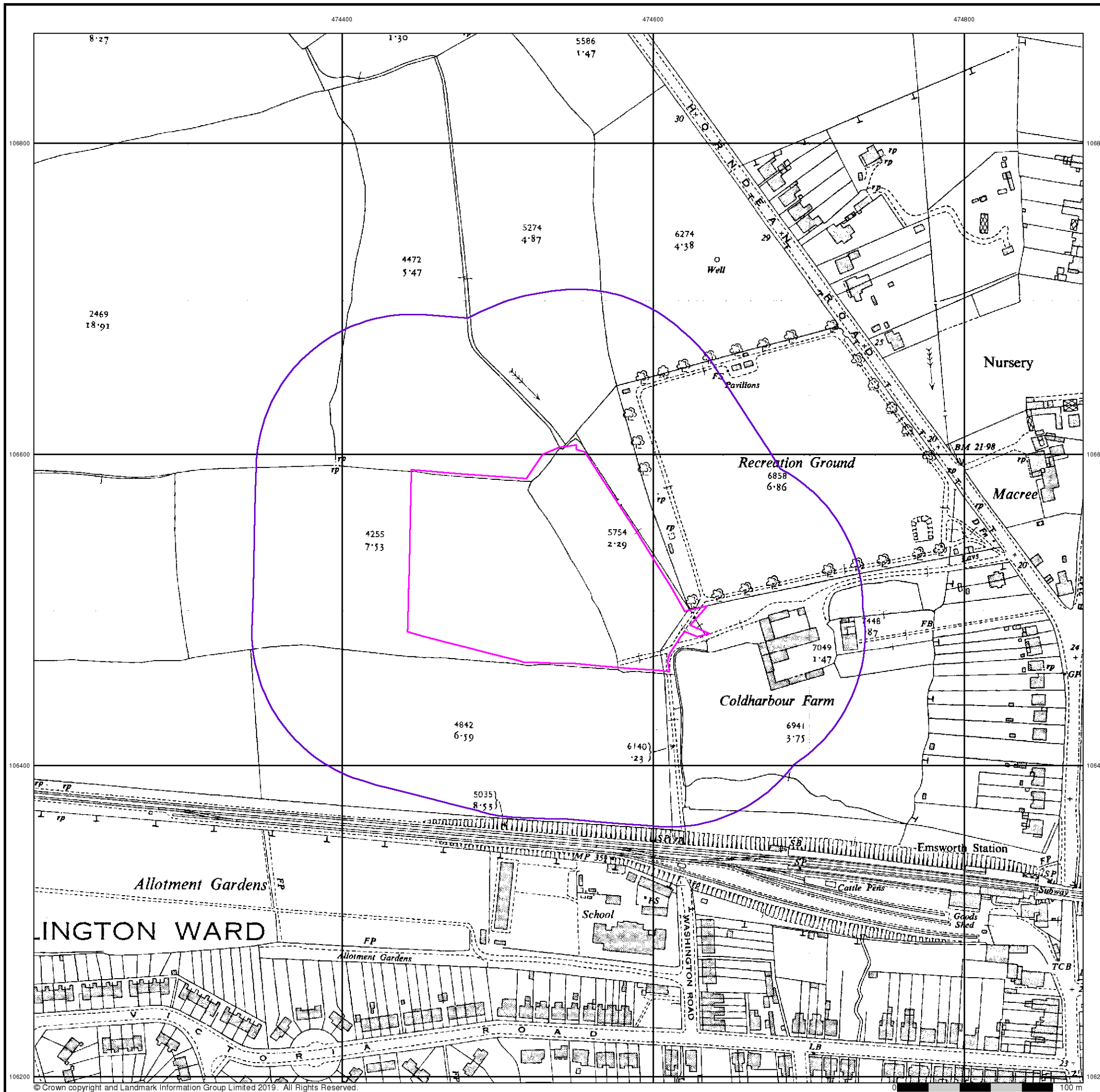
Order Number: 206456492_1_1
Customer Ref: 3229
National Grid Reference: 474530, 106530
Slice: A
Site Area (Ha): 1.92
Search Buffer (m): 100

Site Details

Land to the west of Coldharbour Farm Lane, Emsworth, Hampshire, PO10 7XA

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



LUSTRE
CONSULTING

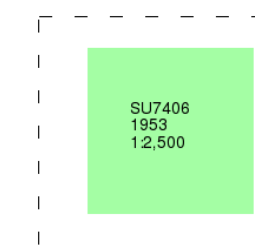
Ordnance Survey Plan

Published 1953

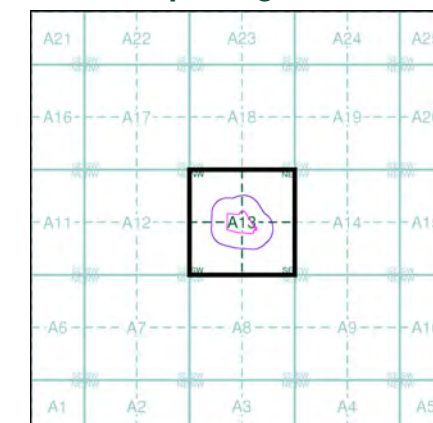
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

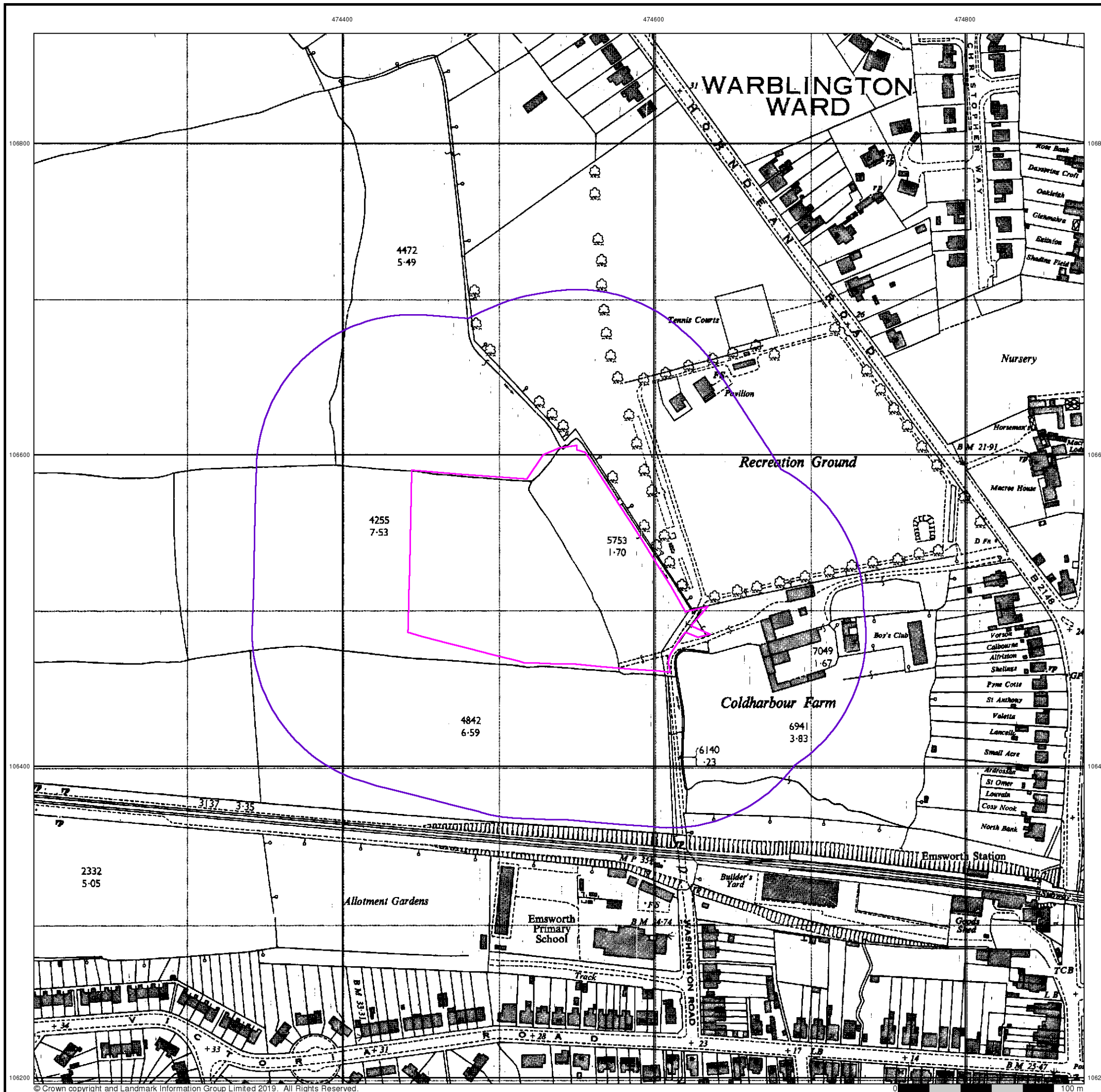
Order Number: 206456492_1_1
Customer Ref: 3229
National Grid Reference: 474530, 106530
Slice: A
Site Area (Ha): 1.92
Search Buffer (m): 100

Site Details

Land to the west of Coldharbour Farm Lane, Emsworth, Hampshire, PO10 7XA

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



LUSTRE
CONSULTING

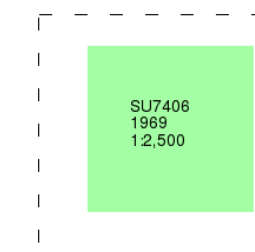
Ordnance Survey Plan

Published 1969

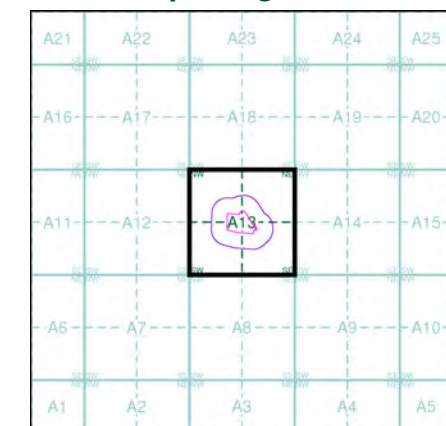
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

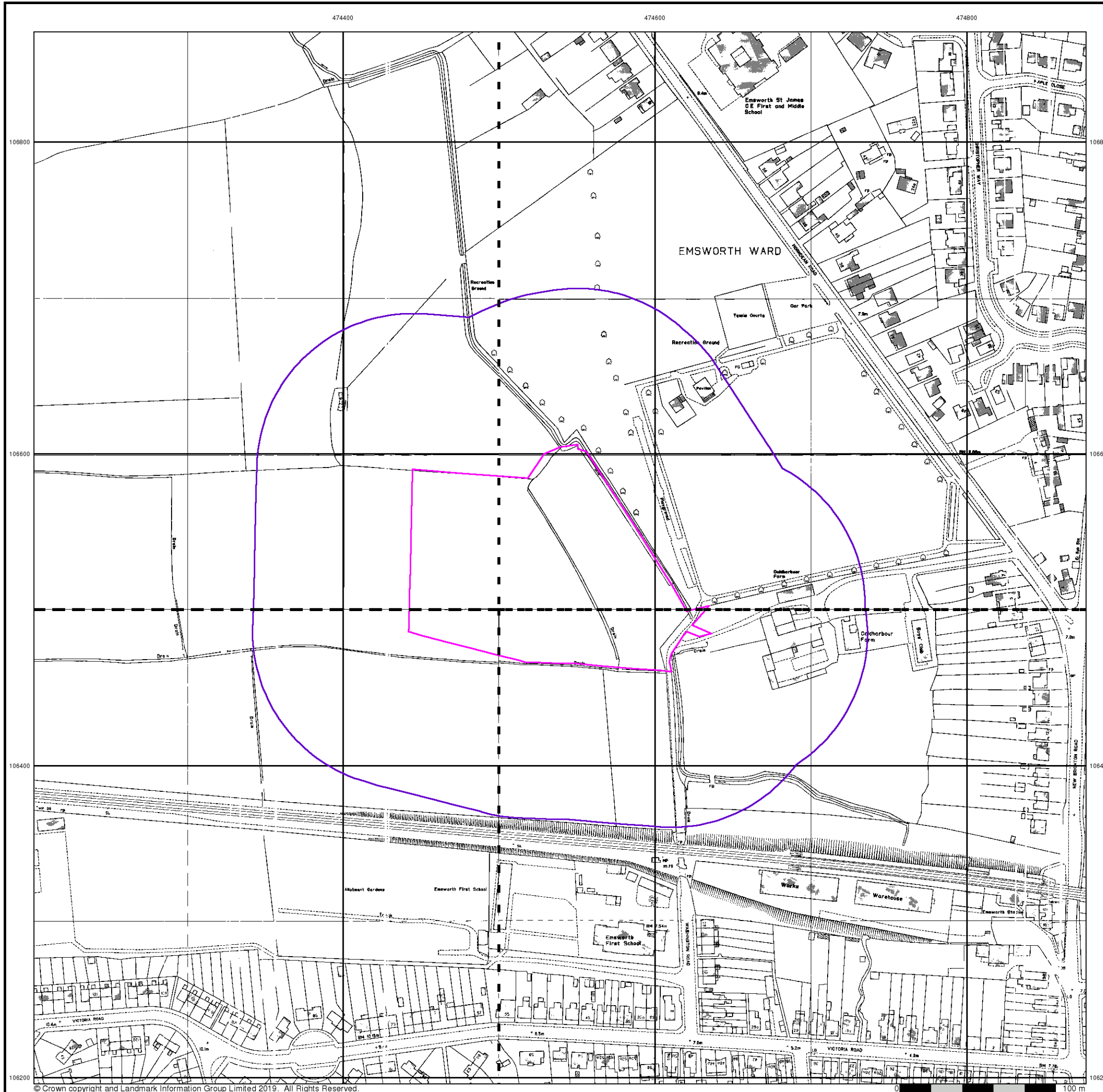
Order Number: 206456492_1_1
Customer Ref: 3229
National Grid Reference: 474530, 106530
Slice: A
Site Area (Ha): 1.92
Search Buffer (m): 100

Site Details

Land to the west of Coldharbour Farm Lane, Emsworth, Hampshire, PO10 7XA

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



Ordnance Survey Plan

Published 1979 - 1981

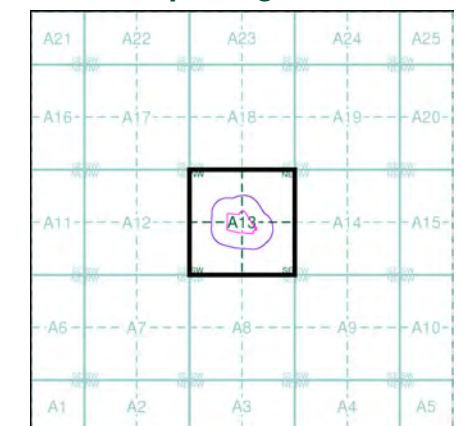
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

SU7406NW 1979 1:1,250	SU7406NE 1981 1:1,250
SU7406SW 1980 1:1,250	SU7406SE 1980 1:1,250

Historical Map - Segment A13



Order Details

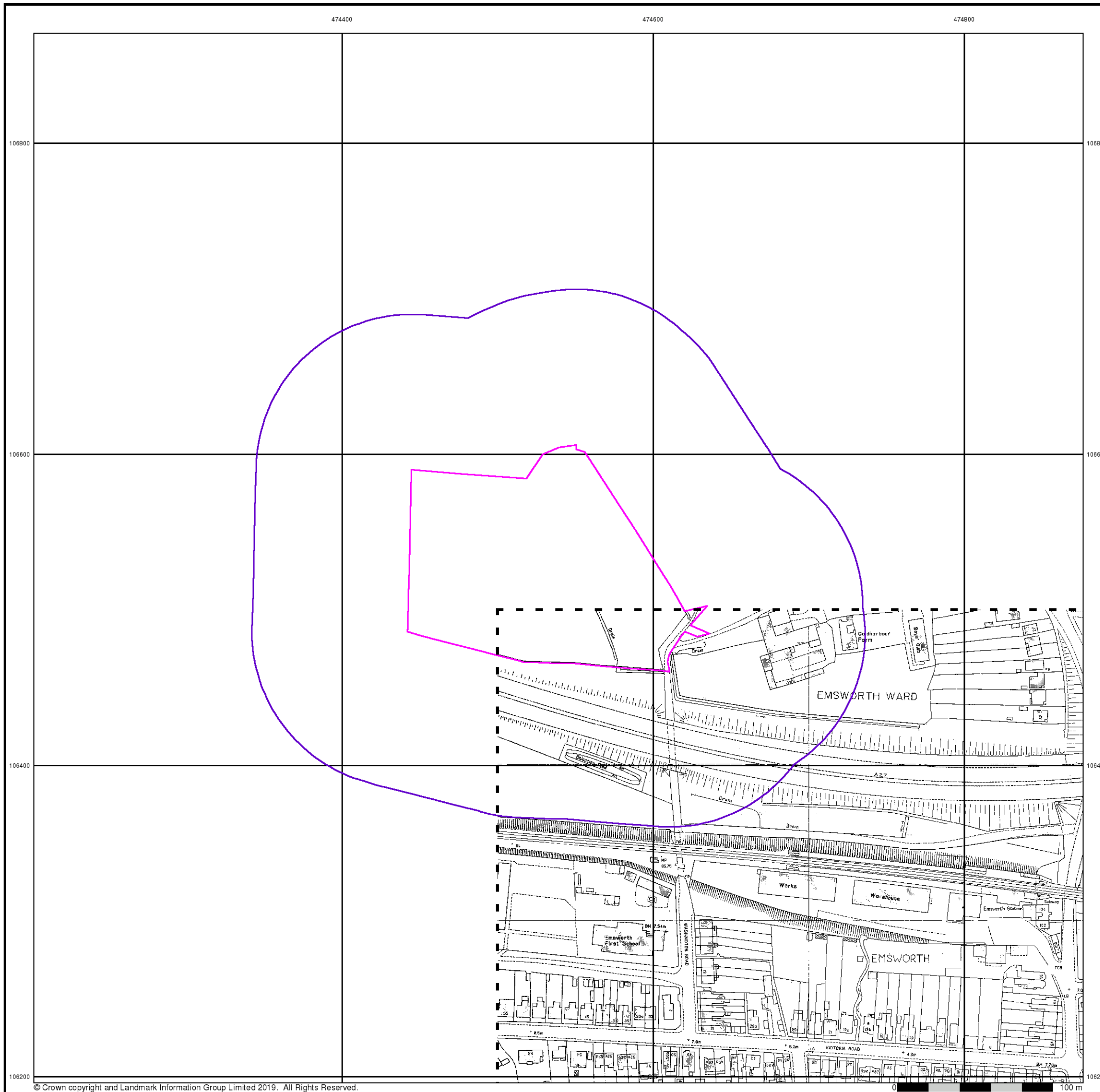
Order Number: 206456492_1_1
Customer Ref: 3229
National Grid Reference: 474530, 106530
Slice: A
Site Area (Ha): 1.92
Search Buffer (m): 100

Site Details

Land to the west of Coldharbour Farm Lane, Emsworth, Hampshire, PO10 7XA



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



LUSTRE
CONSULTING

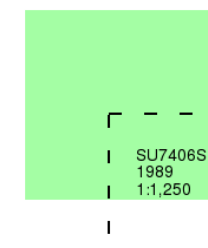
Additional SIMs

Published 1989

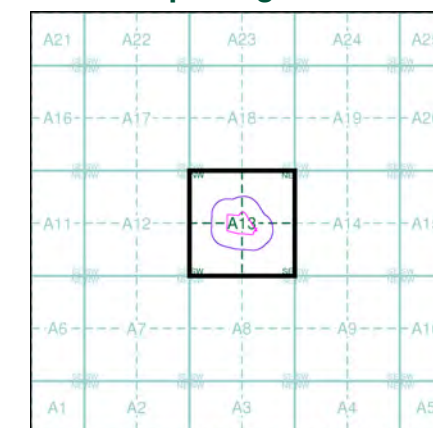
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 206456492_1_1
Customer Ref: 3229
National Grid Reference: 474530, 106530
Slice: A
Site Area (Ha): 1.92
Search Buffer (m): 100

Site Details

Land to the west of Coldharbour Farm Lane, Emsworth, Hampshire, PO10 7XA



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



LUSTRE
CONSULTING

Large-Scale National Grid Data

Published 1993

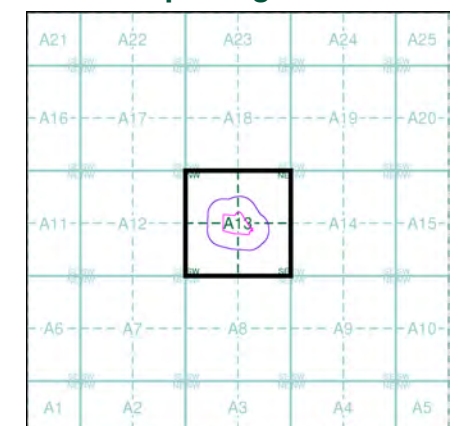
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

SU7406NW 1993 1:1,250	SU7406NE 1993 1:1,250
SU7406SW 1993 1:1,250	SU7406SE 1993 1:1,250

Historical Map - Segment A13



Order Details

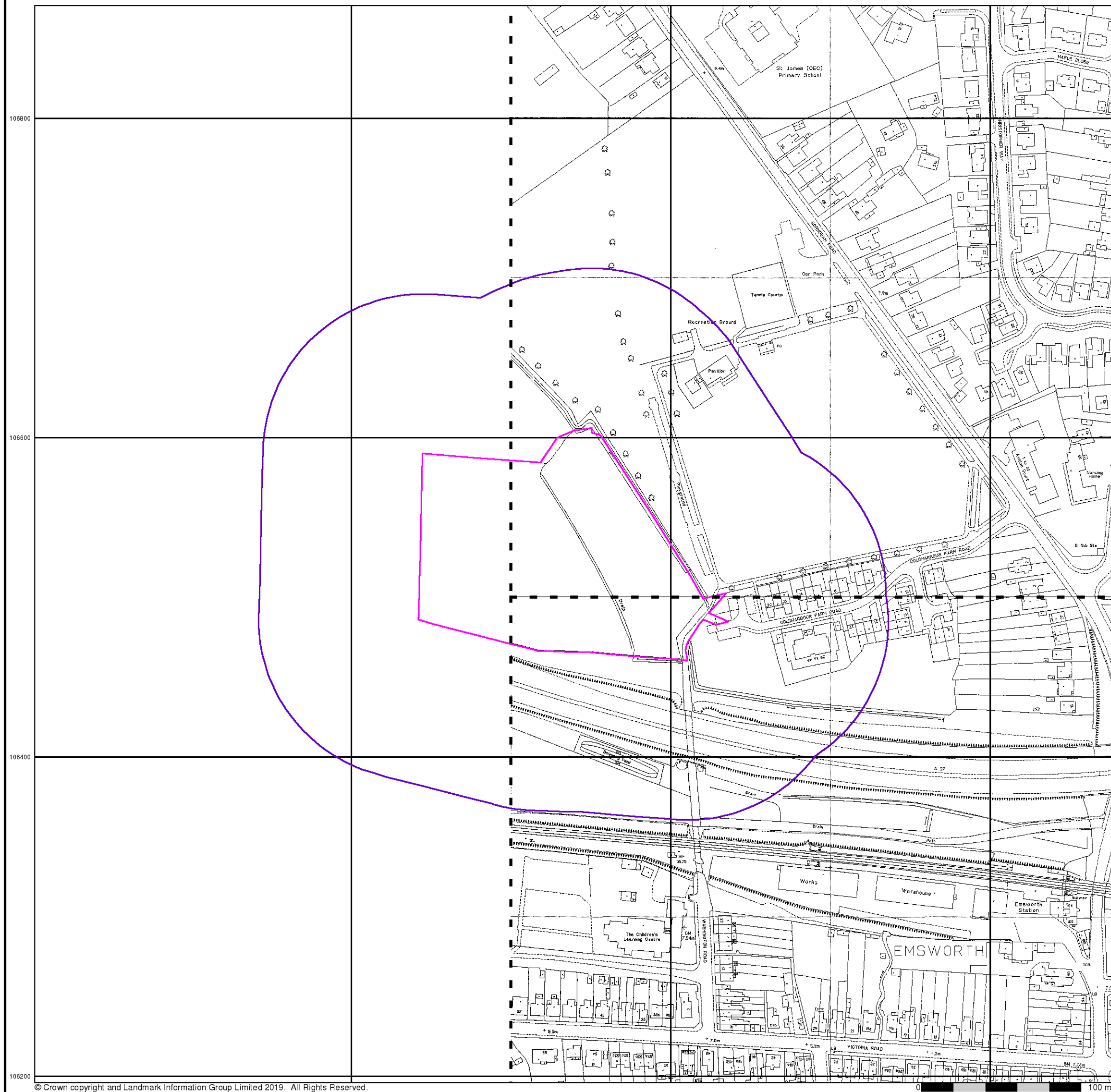
Order Number: 206456492_1_1
Customer Ref: 3229
National Grid Reference: 474530, 106530
Slice: A
Site Area (Ha): 1.92
Search Buffer (m): 100

Site Details

Land to the west of Coldharbour Farm Lane, Emsworth, Hampshire, PO10 7XA

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



LUSTRE
CONSULTING

Large-Scale National Grid Data

Published 1996

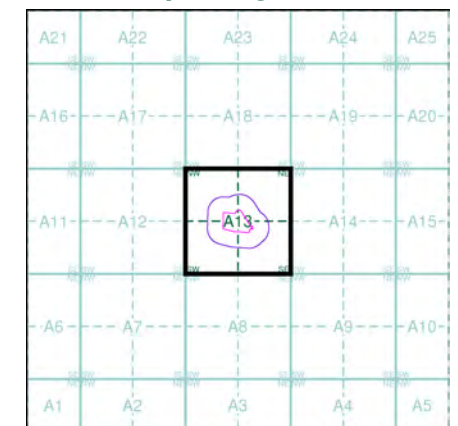
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

SU7406NE
1996
1:1,250
SU7406SE
1996
1:1,250

Historical Map - Segment A13



Order Details

Order Number: 206456492_1_1
Customer Ref: 3229
National Grid Reference: 474530, 106530
Slice: A
Site Area (Ha): 1.92
Search Buffer (m): 100

Site Details

Land to the west of Coldharbour Farm Lane, Emsworth, Hampshire, PO10 7XA

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



© Copyright Getmapping plc



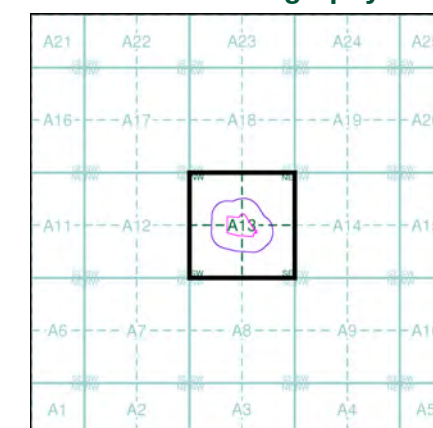
LUSTRE
CONSULTING

Historical Aerial Photography

Published 2000

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A13



Order Details

Order Number: 206456492_1_1
Customer Ref: 3229
National Grid Reference: 474530, 106530
Slice: A
Site Area (Ha): 1.92
Search Buffer (m): 100

Site Details

Land to the west of Coldharbour Farm Lane, Emsworth, Hampshire, PO10 7XA

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

**APPENDIX C:
HISTORIC
BOREHOLE LOGS**

RECORD OF BOREHOLE 23

SU 70 NW/27
74350648
316.

British Geological Survey

British Geological Survey

British Geological Survey

Ground level: 8.75m above O.D.

Diameter of boring: 0.20m

Method of boring: Shell and Auger

Lining tubes: 0.20m to 1.50m

Daily Progress	Depth to Water m	Depth of Lining Tubes m	Samples		Legend	Depth m	Reduced level m	Description of Strata
			Depth	Type				
			0.50 - 0.95 0.95	U(4) D		0.30 0.50	8.45 8.25	TOPSOIL Firm brown sandy silty CLAY with traces of gravel
			1.50 - 1.95 1.60	U(4) D				Firm to stiff mottled grey and brown silty CLAY
			2.00 - 2.45 2.45	U(4) D		2.00	6.75	
30.6.72	DRY	1.50	3.00 - 3.45 3.45	U(4) D		3.50	5.25	Stiff fissured grey silty CLAY

R.T.V.
11.10.83

Key to type of sample:

- U(4) - 102mm 4in diameter undisturbed sample.
- D - disturbed sample.
- BD - bulk disturbed sample.
- V - vane test.
- S - standard penetration test.
- C - dynamic cone penetration test.

Figure in brackets is No. of blows for penetration given in depth column, see Notes, page 1.

Remarks:

Ground-water was not encountered during boring.

† Unable to recover sample.

Lab. Ref. No.
98974

A27 HAVANT - CHICHESTER

RECORD OF BOREHOLE 26

SU 70 NW/SD
746 20640
1st 3/6.

Ground level: 4.90m above O.D.

Diameter of boring: 0.20m to 11.00m
0.15m to 20.00m

Method of boring: Shell and Auger

Lining tubes: 0.20m to 1.60m
0.15m to 12.50m

Daily Progress	Depth to Water m	Depth of Lining Tubes m	Depth	Type	Legend	Depth m	Reduced level m	Description of Strata
						0.50	4.40	TOPSOIL
			0.60 - 1.05 1.05	U(4) D				Loose medium to coarse flint GRAVEL in a matrix of brown silty clay
			1.25 - 1.55 1.55	C(8) BD		1.50	3.40	
			1.60 - 2.05 2.05	U(4) D				Firm becoming stiff fissured mottled grey and brown silty CLAY
			2.10 - 2.55 2.55	U(4) D				
			2.60 - 3.05 3.05	U(4) D		3.60	1.30	
			3.10 - 3.55 3.55	U(4) D				Stiff fissured grey silty CLAY
			3.60 - 4.05 4.05	U(4) D				
			4.10 - 4.55 4.55	U(4) D		5.00	-0.10	
26.6.72	DRY	1.60	4.60 - 5.05 5.05	U(4) D				
	DRY		6.00	D				
			6.60 - 7.05 7.05	U(4) D				
			8.00	D				
			8.60 - 9.05 9.05	U(4) D				
			10.00	D				
			10.60 - 11.05 11.05	U(4) D				Very stiff to hard grey silty sandy CLAY
			12.00	D				
			12.60 - 13.05 13.05	U(4) D				
			14.00	D				
			14.60 - 15.05 15.05	U(4) D		15.00	-10.10	
			16.00	D				
			16.60 - 17.05 17.05	U(4) D				Stiff to very stiff fissured grey silty CLAY
			18.00	D				(see over)

Key to type of sample:

- U(4) - 102mm (4in) diameter undisturbed sample.
- D - disturbed sample.
- BD - bulk disturbed sample.
- V - vane test.
- S - standard penetration test.
- C - dynamic cone penetration test.

Figure in brackets is No. of blows for penetration given in depth column see Notes, page 1.

Remarks:

Lab. Ref. No.
S/8274

A27 HAVANT - CHICHESTER

RECORD OF BOREHOLE 26 (sheet 2)

SU 70 N 60/30
746 80640
1" 316.

British Geological Survey

British Geological Survey

British Geological Survey

Daily Progress	Depth to Water m	Depth of Lining Tubes m	Samples		Legend	Depth m	Reduced level m	Description of Strata
			Depth	Type				
27.6.72	DRY	12.50	18.60 -19.05 19.05 19.50 -19.95 19.95	U(4) D U(4) D		20.00	-15.10	See previous sheet
R.V.W. 18.10.83								
Key to type of sample: U(4) - 102mm (4in) diameter undisturbed sample. D - disturbed sample. BD - bulk disturbed sample. V - Vane test. S - standard penetration test. C - dynamic cone penetration test. Figure in brackets is No. of blows for penetration given in depth column see Notes, page 1.								
Remarks Ground-water was first encountered as seepage at a depth of 6.20m. Ground-water was again encountered at 11.00m and sealed off by the lining tubes at 12.50m. Ground-water was also encountered at a depth of 15.00m.								
Lab. Ref. No. S/8974								
A27 HAVANT - CHICHESTER								

LC

RECORD OF BOREHOLE 28

SD 70 NW 152
74630636
1" 816

British Geological Survey

British Geological Survey

British Geological Survey

Ground level: 5.45m above O.D.

Diameter of borings: 0.20m to 12.00m
0.15m to 25.00m

Method of borings: Shell And Auger

Lining tubes: 0.20m to 7.00m
0.15m to 18.00m

Daily Progress	Depth of Water m	Depth of Lining Tubes m	Samples		Legend	Depth m	Reduced level m	Description of Strata
			Depth	Type				
			0.60 - 1.05	U(4)		0.40	5.05	TOPSOIL
			1.05	D		1.00	4.45	Firm brown slightly sandy silty CLAY
			1.25 - 1.55	C(7)		1.50	3.95	Loose medium to coarse flint GRAVEL and firm brown silty CLAY
			1.55	BD				Firm brown silty CLAY
			1.60 - 2.05	U(4)		2.10	3.35	
			2.05	D				
			2.10 - 2.55	U(4)				Firm fissured mottled grey and brown silty CLAY
			2.55	D				
			2.60 - 3.05	U(4)		3.50	1.95	
			3.05	D				
			3.10 - 3.55	U(4)				
			3.55	D				
			3.60 - 4.05	U(4)				Firm to stiff fissured grey occasionally sandy silty CLAY
			4.05	D				
			4.60	D				
			5.10 - 5.55	U(4)				
			5.55	D				
			6.10	D		6.20	-0.75	
			6.60 - 7.05	U(4)				
			7.05	D				
			7.60	D				
			8.10 - 8.55	U(4)				
			8.55	D				
			9.40	D				
			9.60 - 10.05	U(4)				
			10.05	D				
13.6.72	11.50	12.00	11.10 - 11.55	U(4)				
			11.55	D				
	6.00	12.00	12.10	D				
			12.60 - 13.05	U(4)				Very stiff to hard grey sandy silty CLAY
			13.05	D				
			13.10	D				
			14.10 - 14.55	U(4)				
			14.55	D				
			15.10	D				
			15.60 - 16.05	U(4)				
			16.05	D				
			16.70	D				
			17.10 - 17.55	U(4)				
			17.55	D		18.00	-12.55	
			18.10	D				
Key to type of sample:					Remarks: (see next sheet)			
U(4) - 102mm 4in. diameter undisturbed sample.								
D - disturbed sample.								
BD - bulk disturbed sample.								
V - vane tests.								
C - standard penetration test.								
C - dynamic cone penetration test.								
Figure in brackets is No. of blows for penetration given in depth column and Note, page 1.								
Lab. Ref. No. S/8974					A27 HAVANT - CHICHESTER			

SU 70 NW
74630636

British Geological Survey

9274

A27 HAVANT - CHICHESTER

* SU 70NW/47-48 RECORD OF TRIAL PIT 206

SU 70 NW/47
74610638
1" 316

Ground level: 5.55m above O.D

Size of pit 1m x 2m

Daily Progress	Samples		Change of Strata			Description of Strata
	Depth	Type	Legend	Depth	O.D. Level	
				0.40	5.15	TOPSOIL
	1.00 - 1.30	U(1½)		0.90	4.65	Soft to firm mottled brown and grey slightly sandy, silty CLAY, with traces of fine to coarse gravel
16.6.72	2.00 - 2.30	U(1½)		2.30	3.25	Firm mottled grey and brown silty CLAY with partings of fine sand

RECORD OF TRIAL PIT 207

SU 70 NW/48
74630638
1" 316

Ground level: 5.10m above O.D.

Size of pit 1m x 2m

				0.20	4.90	TOPSOIL
	1.30 - 1.60	U(1½)		1.30	3.80	Soft to firm mottled orange-brown and grey silty CLAY with traces of gravel
16.6.72	2.00 - 2.30	U(1½)		2.30	2.80	Firm to stiff mottled grey and brown silty CLAY with partings of fine sand

Key to Type of Sample

U(1½) - 40mm

Remarks: (Observations on ground-water, etc.)

T.P. 206 The sides of the pit were stable. Ground-water was not encountered in the excavation.

T.P. 207 Ground-water was not encountered in the excavation. The sides of the pit were stable.

Lab. Ref. No.
S/8974

A27 HAVANT - CHICHESTER

**APPENDIX D:
NOTES ON
LIMITATIONS**

LUSTRE CONSULTING, ENVIRONMENTAL AND GEOTECHNICAL CONSULTANCY SERVICES NOTES ON LIMITATIONS

General

Lustre Consulting have completed the attached report for the use of the Client detailed on the front cover and those parties to whom Lustre Consulting has agreed to provide and has provided an executed warranty agreement, or to whom an assignment of the benefit of this report has been agreed.

Third parties are not entitled to use or rely upon the contents of the report unless written approval has been given by Lustre Consulting; (due to legal requirements, a charge may be levied as a condition of such approval, in which case approval shall not be effective unless and until such a charge has been paid in full).

Lustre Consulting accepts no responsibility or liability for:

- a) any use of this report for any purpose or project other than that for which it was commissioned, and
- b) any use of this report by any third party to whom approval for use has not been given and any conditions applicable to such use have been met.

Phase I Environmental Risk Assessments, Desk Studies and Site Audits

The work completed and utilised to provide this report comprises a study of available documentation. The opinions and results presented in this report have been arrived at by utilising the finite amount of data available at the time of writing and are relevant only to the purpose for which the report was commissioned. The data which has been reviewed should not be considered exhaustive and has been accepted in good faith as providing true and representative information pertaining to site conditions. Should additional information become available which may affect the opinions expressed in this report, Lustre Consulting reserves the right to review this information and, if warranted, to modify the opinions presented in the report accordingly.

It should be noted that the risks which are identified in this report are perceived risks based on the available information at the time of writing and that the actual risks associated can only be assessed following a physical investigation of the site.

Phase II Site Investigations

The intrusive investigation has been completed to provide information concerning the type and degree of contamination present along with ground and groundwater conditions which facilitates a reasonable risk assessment to be completed. The stated objectives of the ground investigation have been limited to assessing the proven risks which are associated with potential human targets, building materials, the environment (including adjacent land), and to surface water and groundwater.

The amount of exploratory work, chemical testing and monitoring completed as part of this project has potentially been restricted by the short timescale available, and the locations of exploratory holes undertaken have potentially been restricted to areas unoccupied by buildings(s) and buried services. A more comprehensive post demolition / decommission investigation may be required if the site is to be redeveloped. For these reasons any costs included in relation to site remediation must be considered as tentative only at this time.

The exploratory holes investigate only a small volume of the ground in relation to the size of the site and therefore, can only provide a "snap shot" or general indication of ground conditions located on the site. The fact that the site has been investigated does not preclude the existence of localised "hotspots" of contamination where concentrations may be significantly higher than those actually encountered.

The risk assessment and opinions provided in this report take into account currently available guidance values relating to acceptable contamination concentrations; no liability can be accepted for the retrospective effects of any future changes or amendments to these values.



LUSTRE
CONSULTING

Admirals Offices
The Historic Dockyard
Chatham, Kent, ME4 4TZ
www.lustreconsulting.com