

Site Details:

280265.4930125342,199499.25
649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_1_2
Grid Ref: 279679, 199755

Map Name: National Grid

Map date: 1963

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled 1963

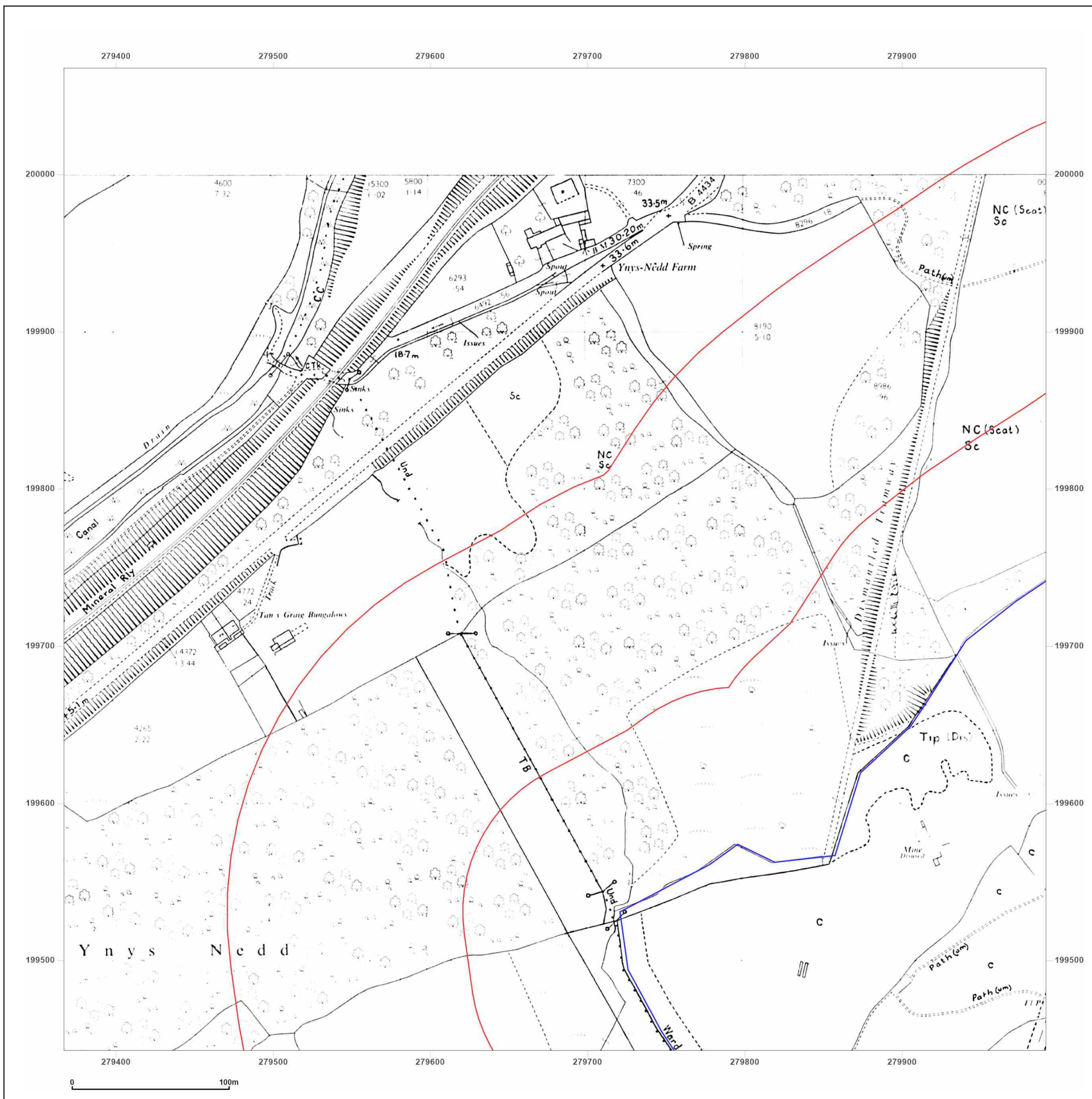


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Site Details:

280265.4930125342,199499.25
649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_1_2
Grid Ref: 279679, 199755

Map Name: National Grid

Map date: 1964

Scale: 1:2,500

Printed at: 1:2,500



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

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

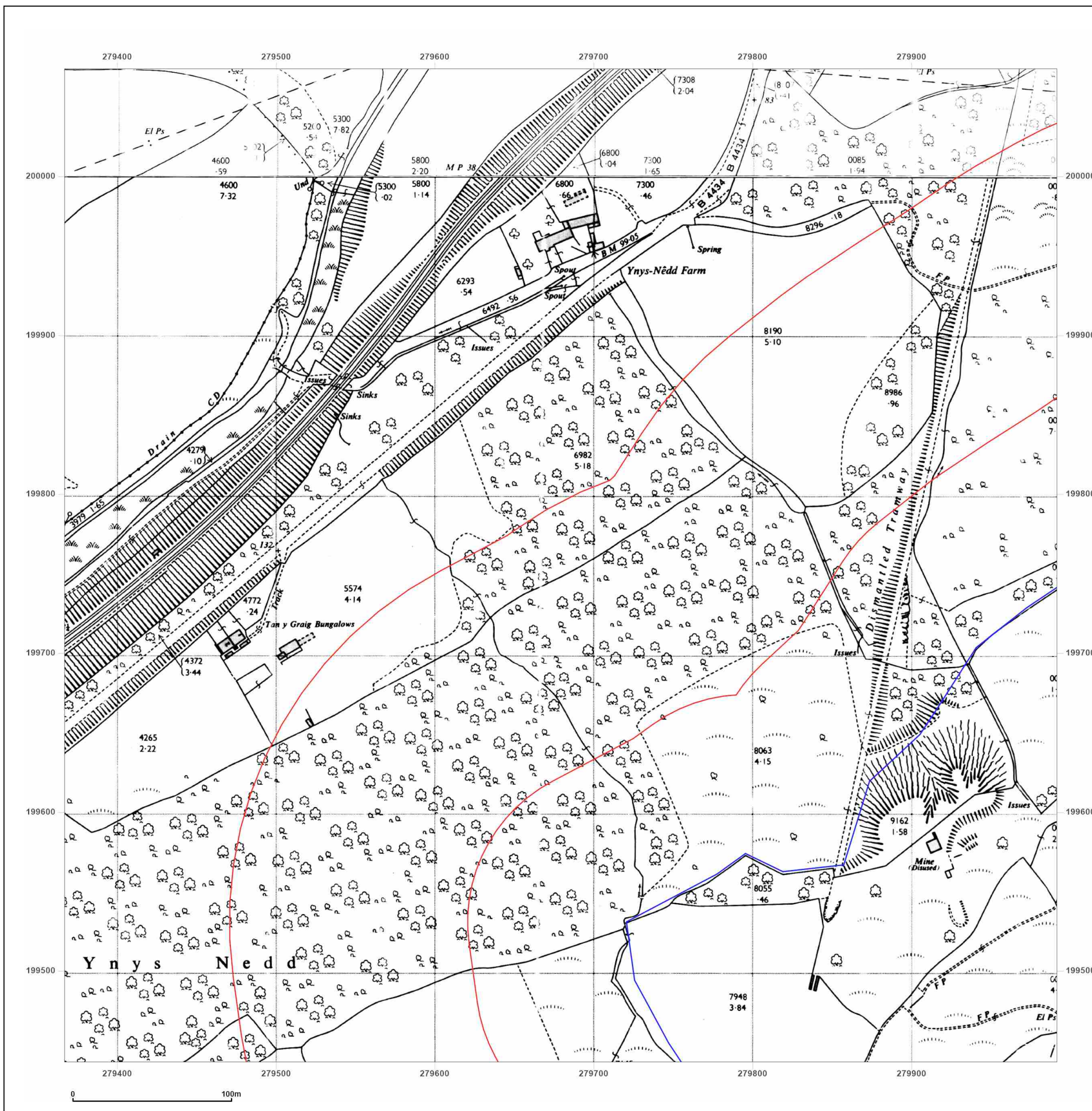


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Site Details:

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649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_1_2
Grid Ref: 279679, 199755

Map Name: National Grid

Map date: 1993

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

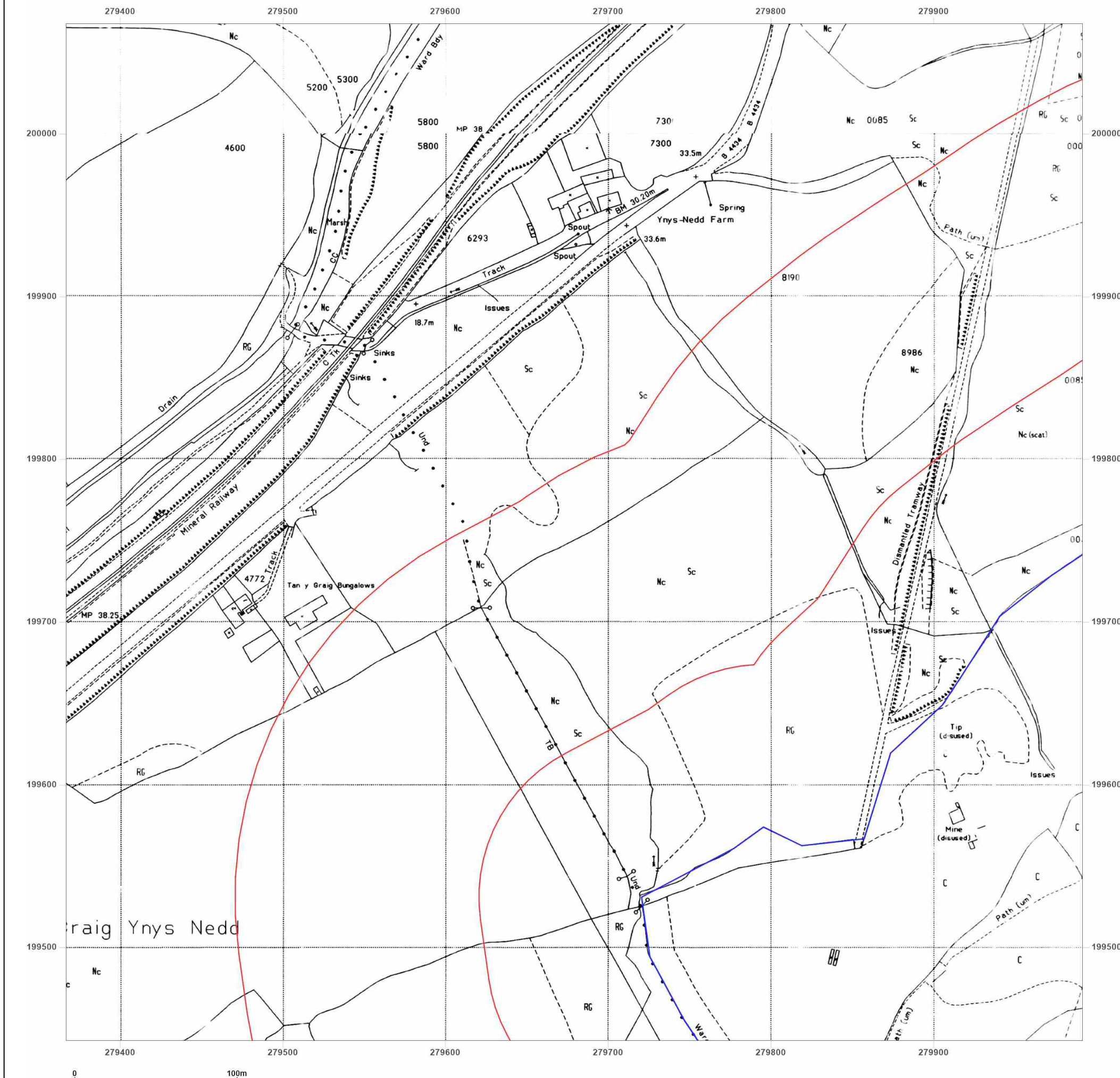


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Site Details:

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649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_1_2
Grid Ref: 279679, 199755

Map Name: National Grid

Map date: 1993

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1993
Revised 1993
Edition N/A
Copyright N/A
Levelled N/A

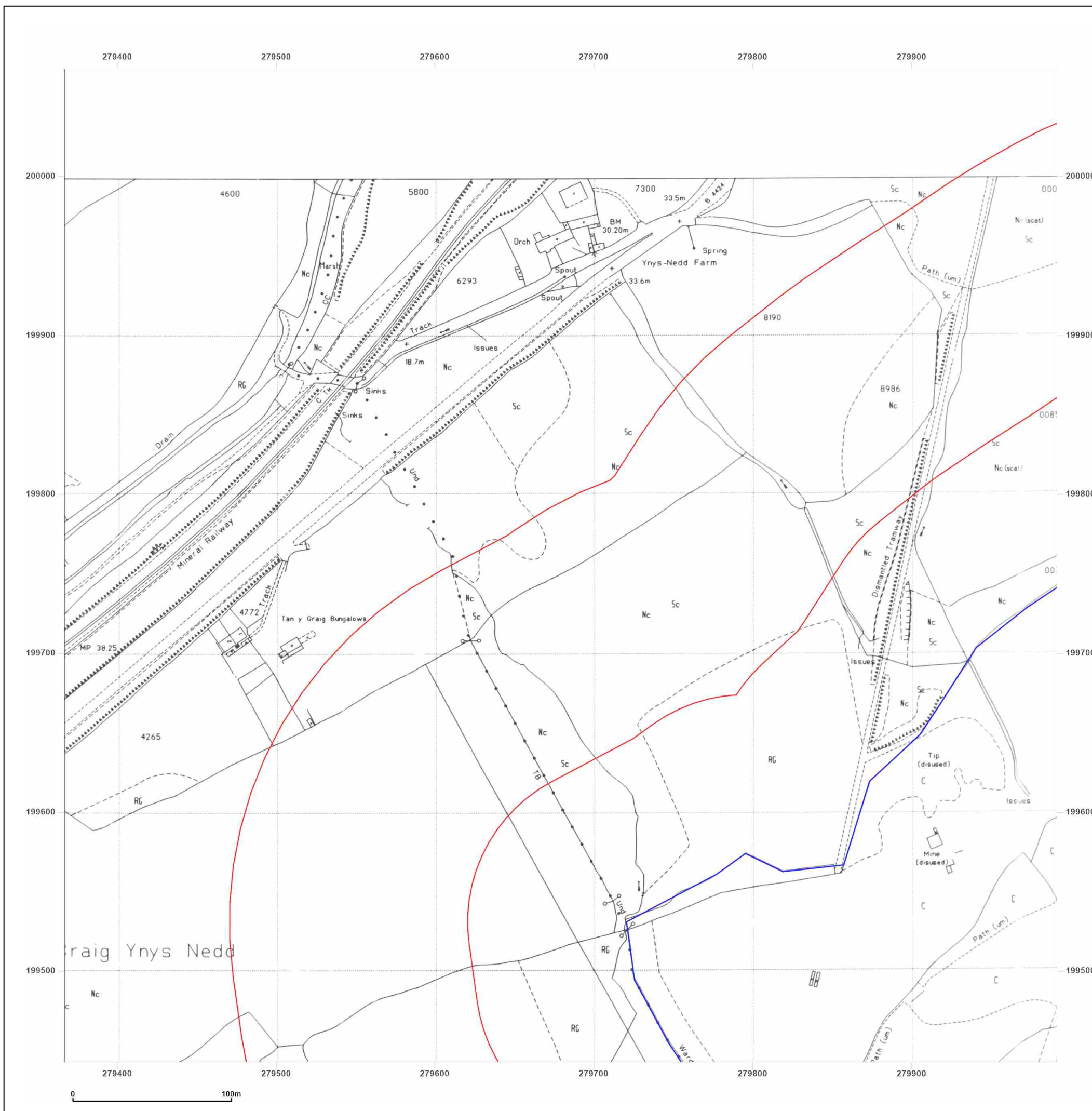


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Site Details:

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649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_1_2
Grid Ref: 279679, 199755

Map Name: National Grid

Map date: 1993

Scale: 1:2,500

Printed at: 1:2,500



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

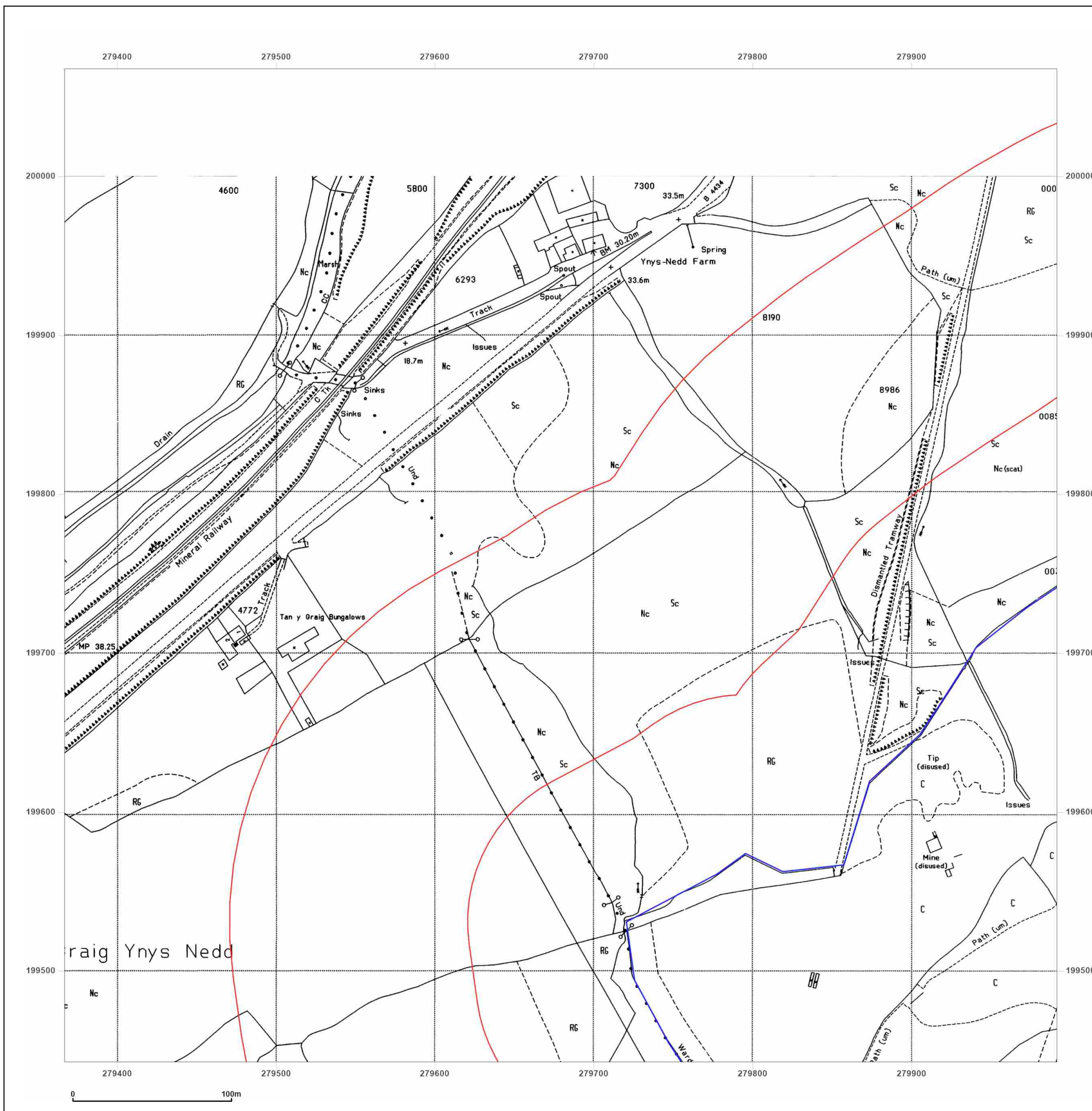


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Site Details:

280265.4930125342,199499.25
649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_2_1
Grid Ref: 280304, 199130

Map Name: County Series

Map date: 1877

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
Levelled N/A

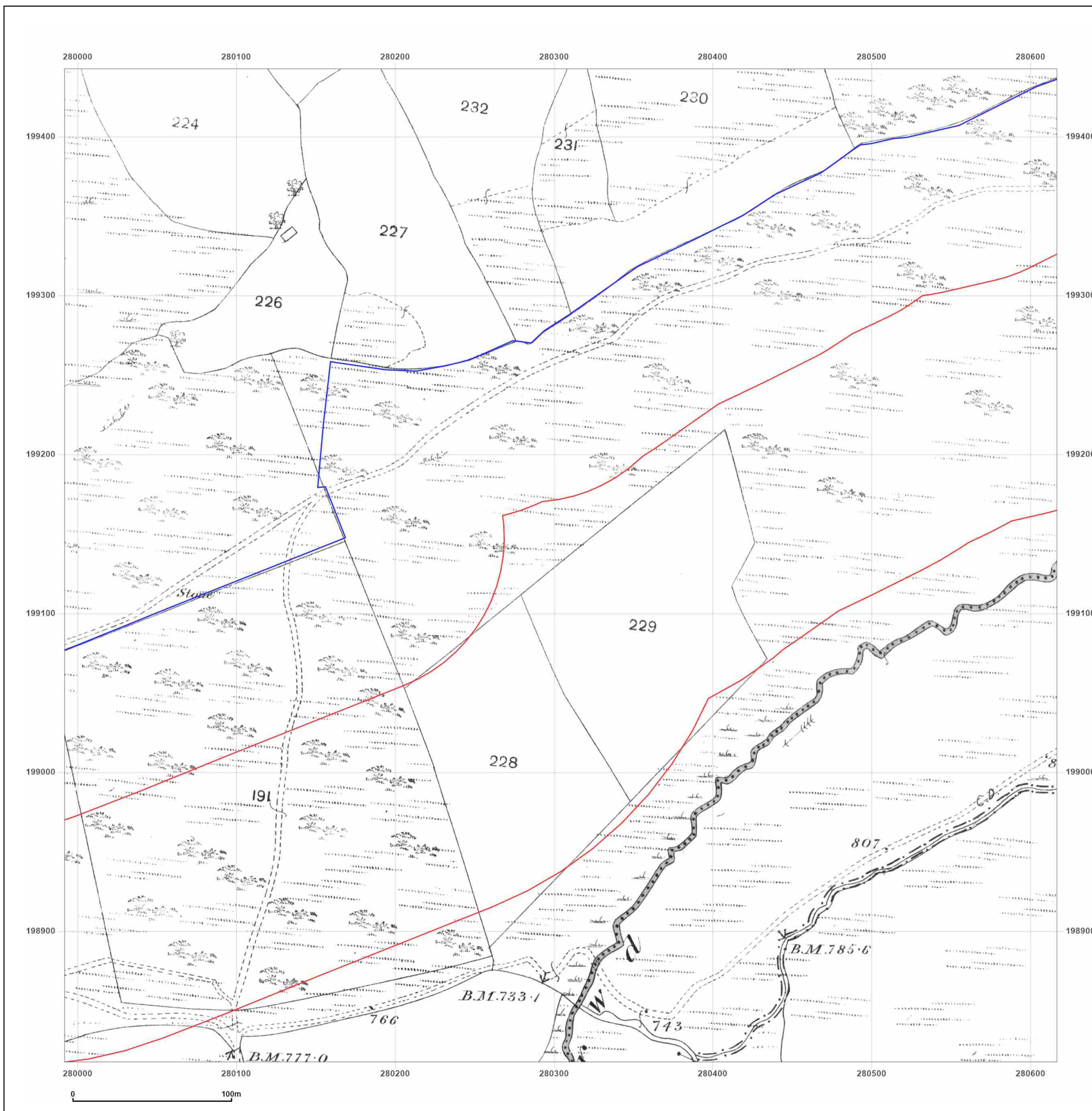


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Site Details:

280265.4930125342,199499.25
649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_2_1
Grid Ref: 280304, 199130

Map Name: County Series

Map date: 1899

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

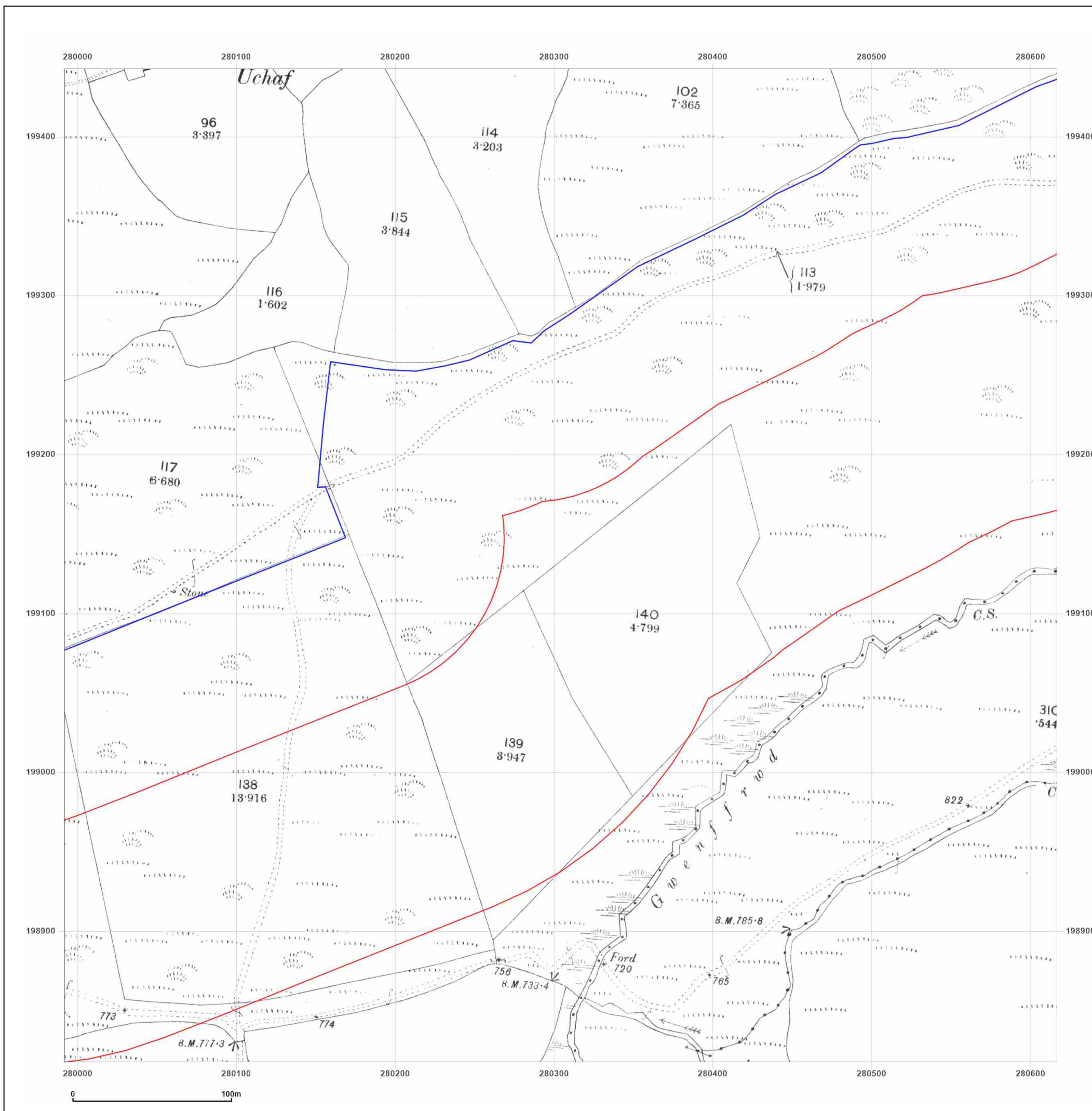


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Site Details:

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649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_2_1
Grid Ref: 280304, 199130

Map Name: County Series

Map date: 1919

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

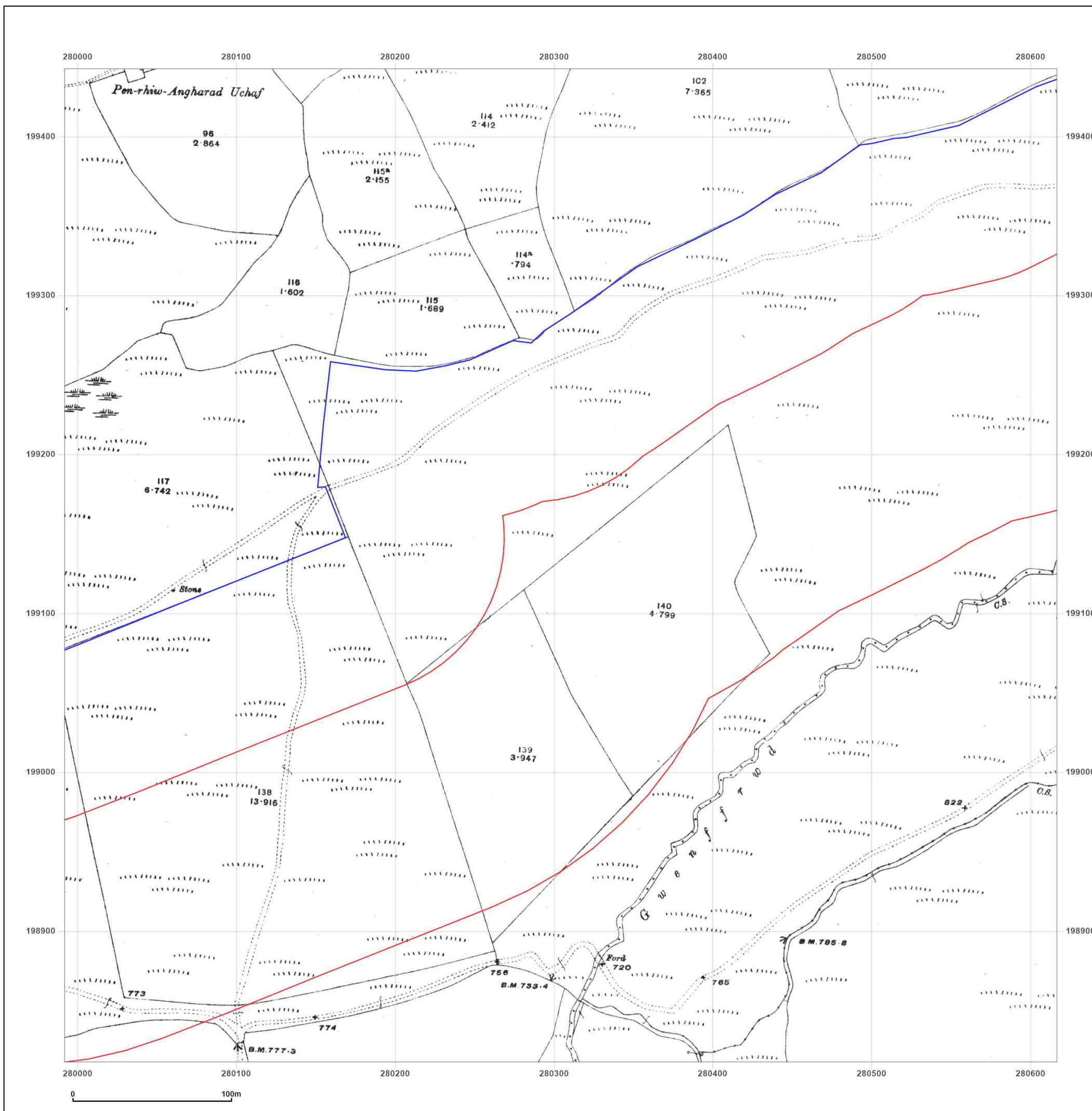


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Site Details:

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649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_2_1
Grid Ref: 280304, 199130

Map Name: National Grid

Map date: 1962-1963

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1962
Revised 1962
Edition N/A
Copyright 1964
Levelled 1956

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

Surveyed 1963
Revised 1963
Edition N/A
Copyright 1964
Levelled 1956

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

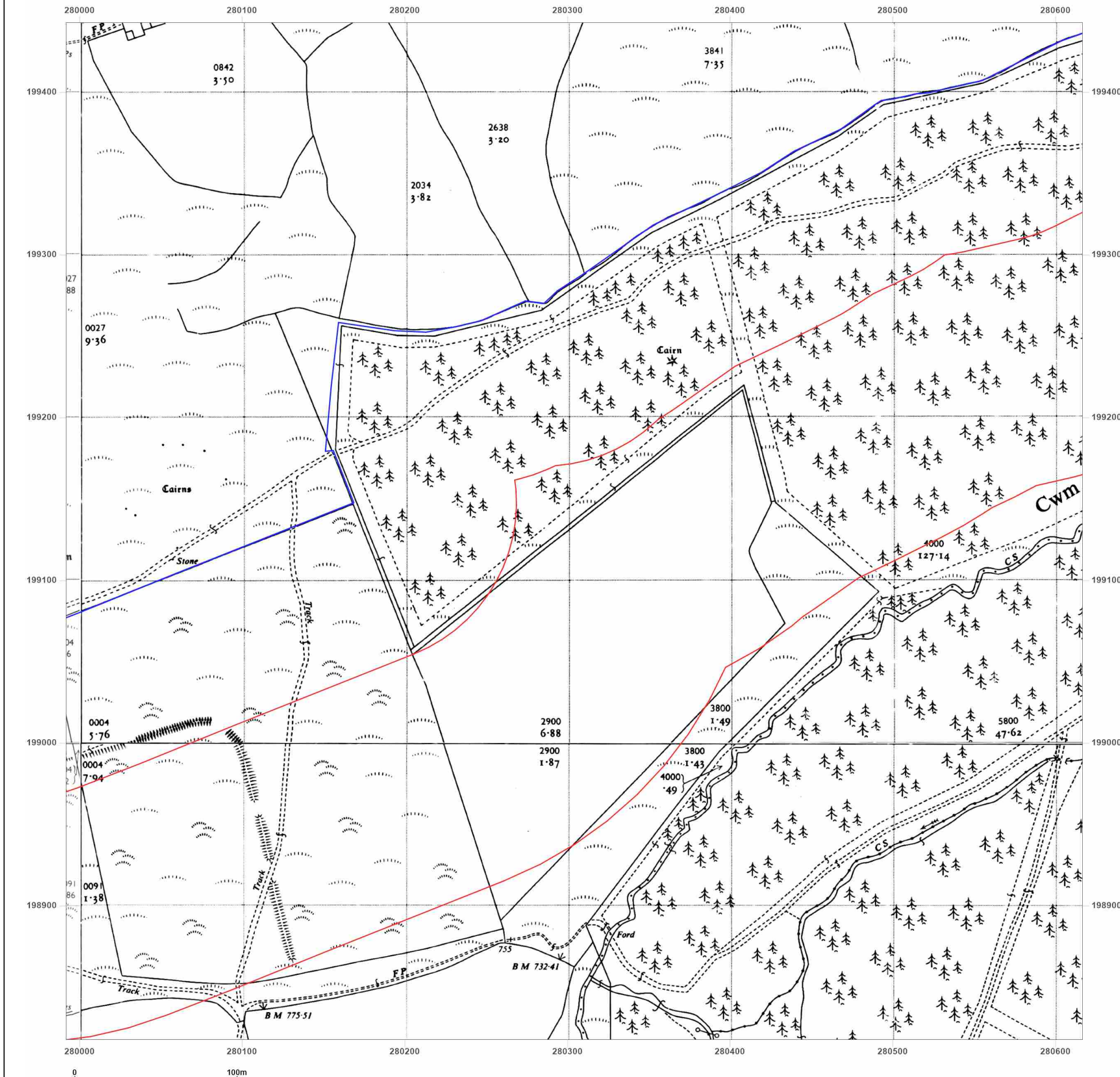


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Site Details:

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649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_2_1
Grid Ref: 280304, 199130

Map Name: National Grid

Map date: 1962-1964

Scale: 1:2,500

Printed at: 1:2,500



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

Surveyed 1962
Revised 1962
Edition N/A
Copyright 1962
Levelled 1950

Surveyed N/A
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Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1962
Revised 1962
Edition N/A
Copyright 1962
Levelled 1950

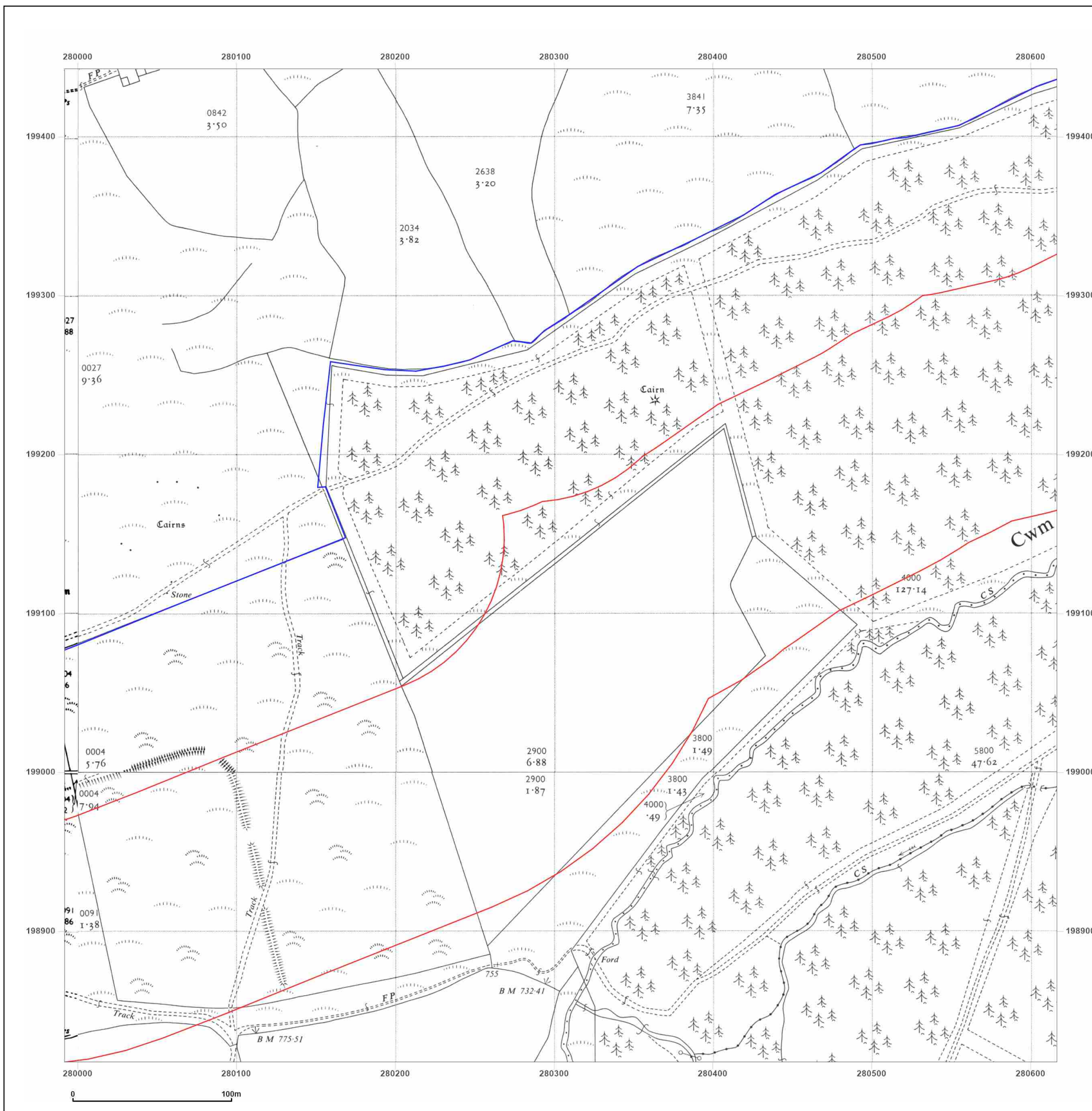


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649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_2_1
Grid Ref: 280304, 199130

Map Name: National Grid

Map date: 1993

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

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Revised N/A
Edition N/A
Copyright 1993
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Levelled N/A

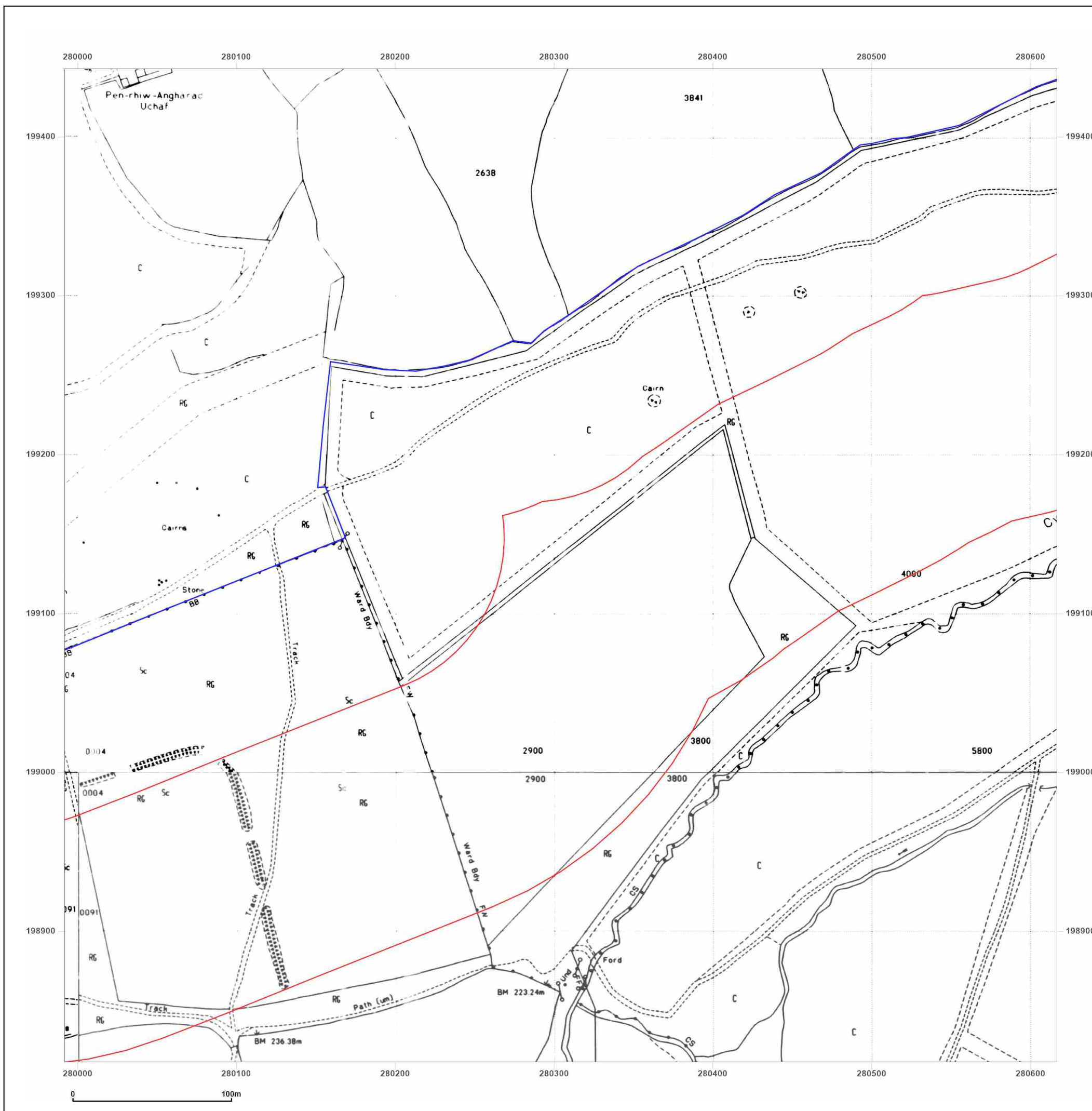


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Site Details:

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649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_2_2
Grid Ref: 280304, 199755

Map Name: County Series

Map date: 1877

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
Levelled N/A

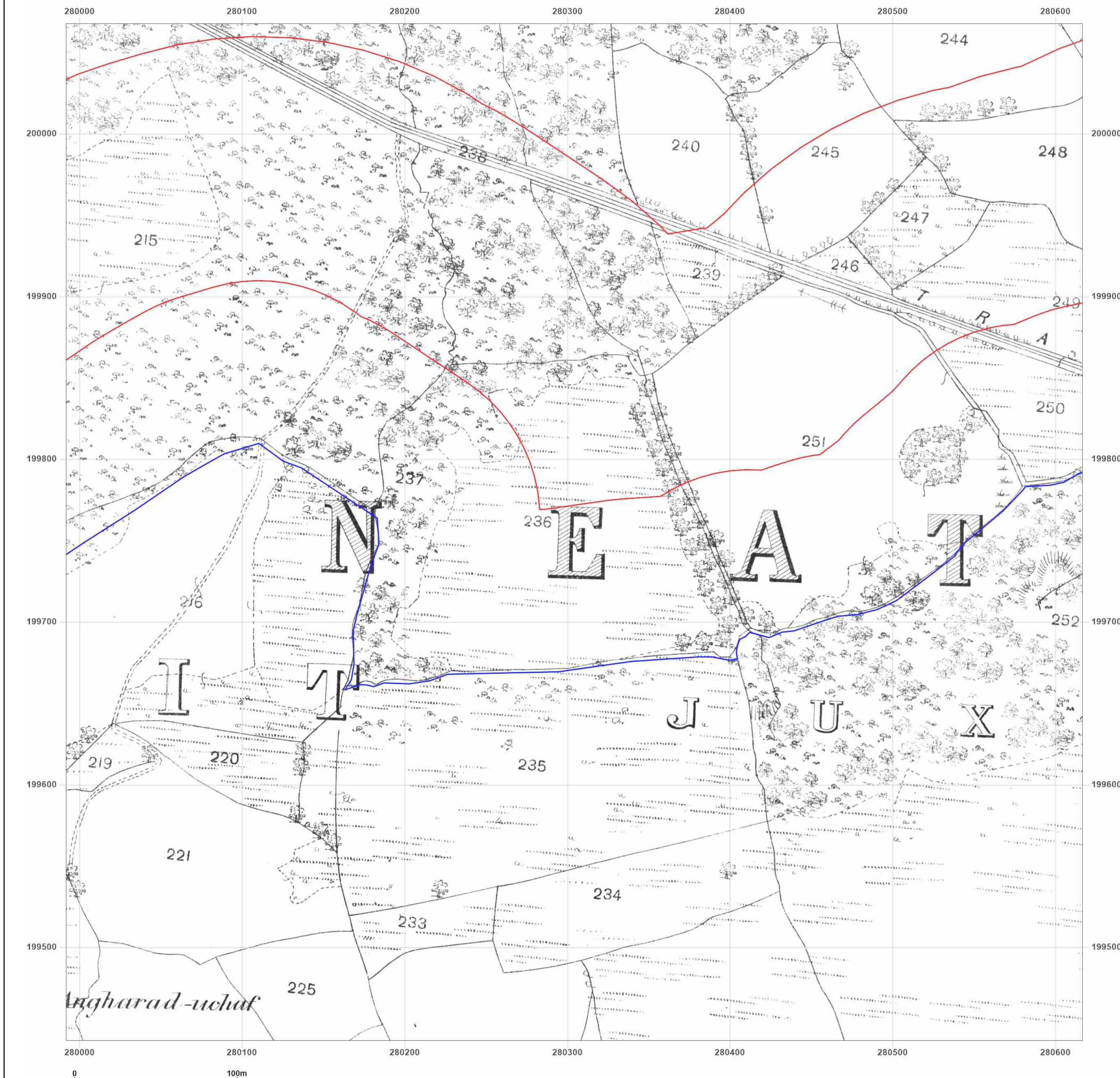


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Site Details:

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Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_2_2
Grid Ref: 280304, 199755

Map Name: County Series

Map date: 1899

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

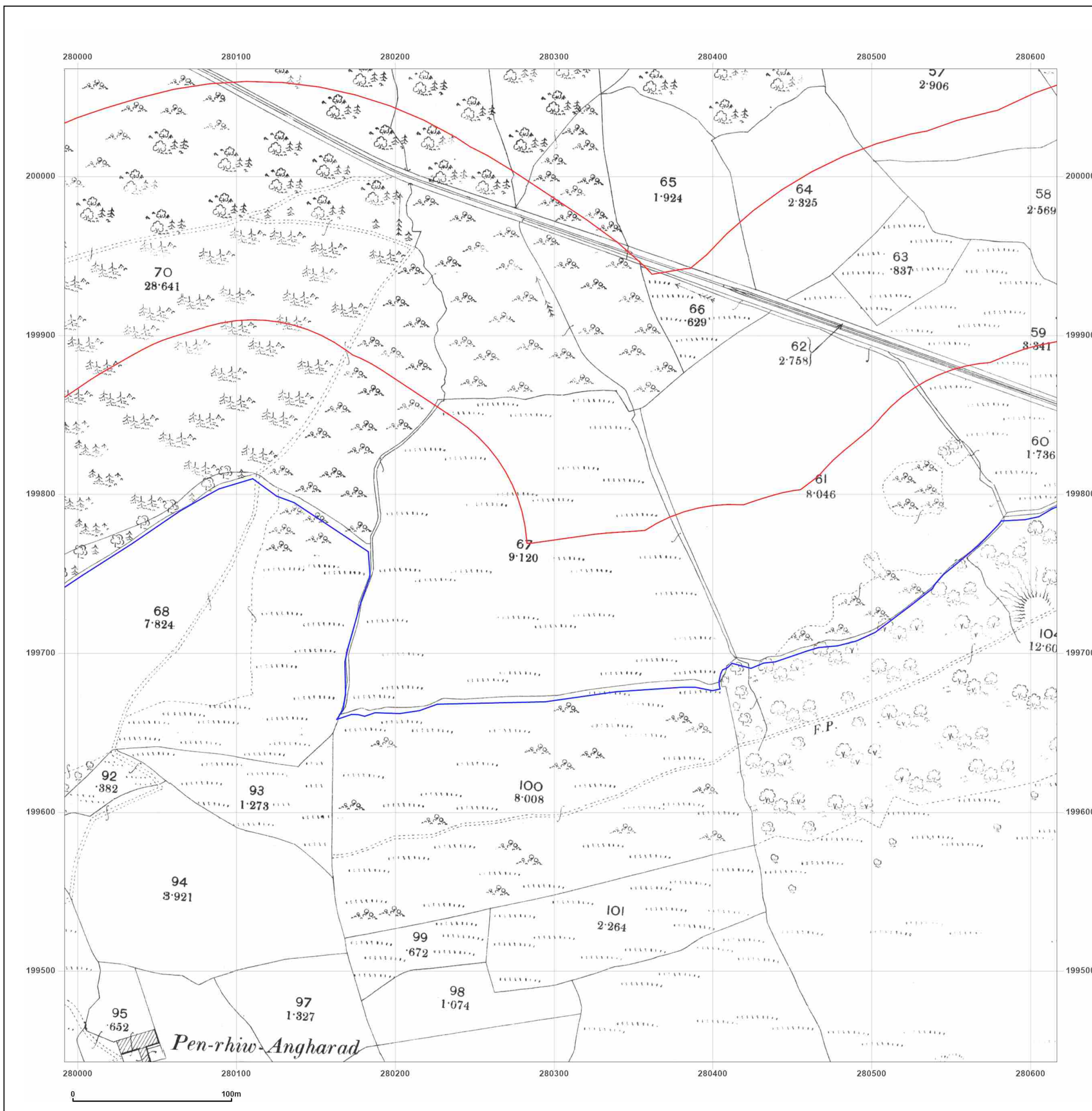


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Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_2_2
Grid Ref: 280304, 199755

Map Name: County Series

Map date: 1919

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

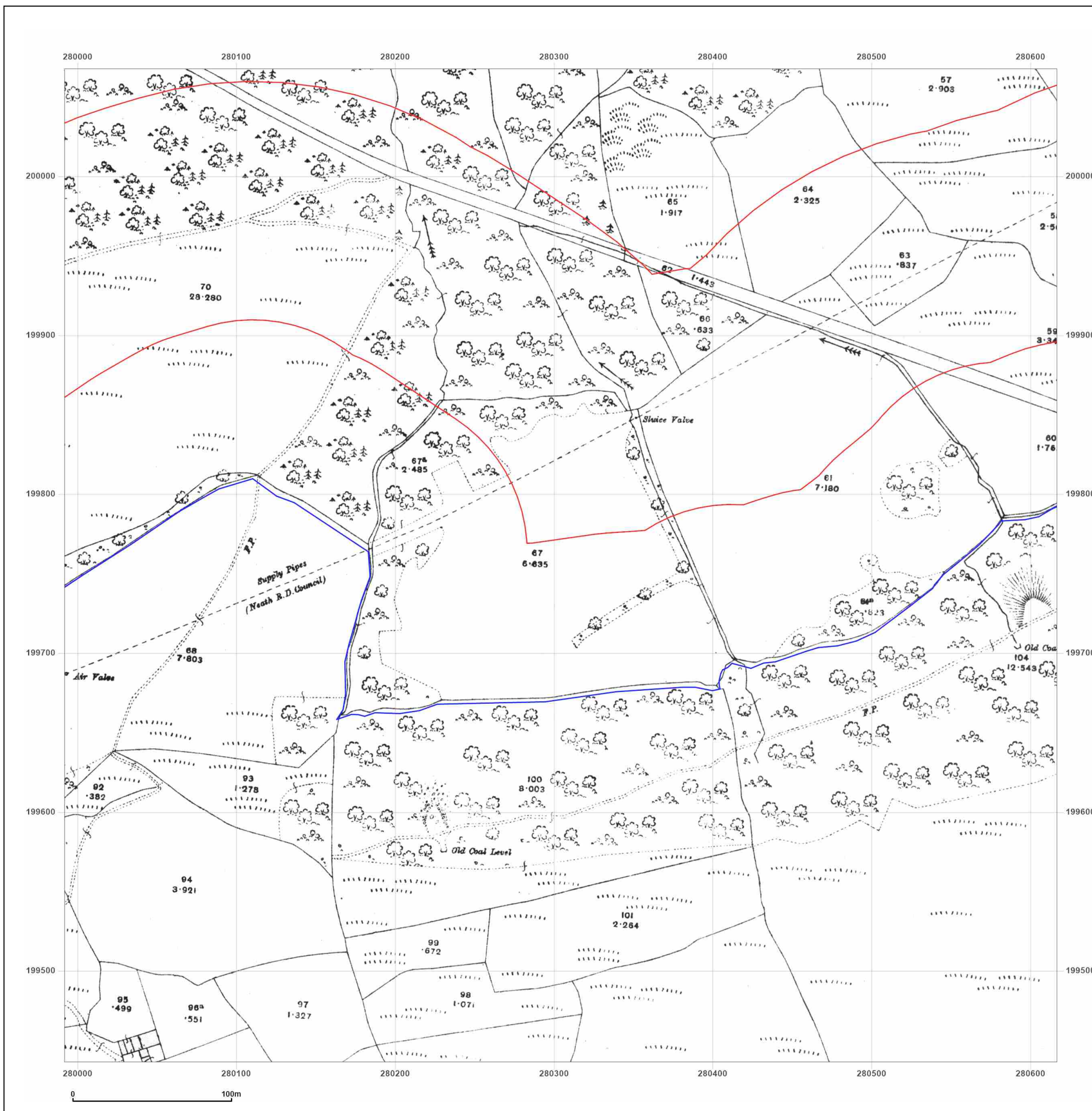


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Site Details:

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Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_2_2
Grid Ref: 280304, 199755

Map Name: National Grid

Map date: 1962-1964

Scale: 1:2,500

Printed at: 1:2,500



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

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled 1964

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled 1963

Surveyed 1962
Revised 1962
Edition N/A
Copyright 1962
Levelled 1950

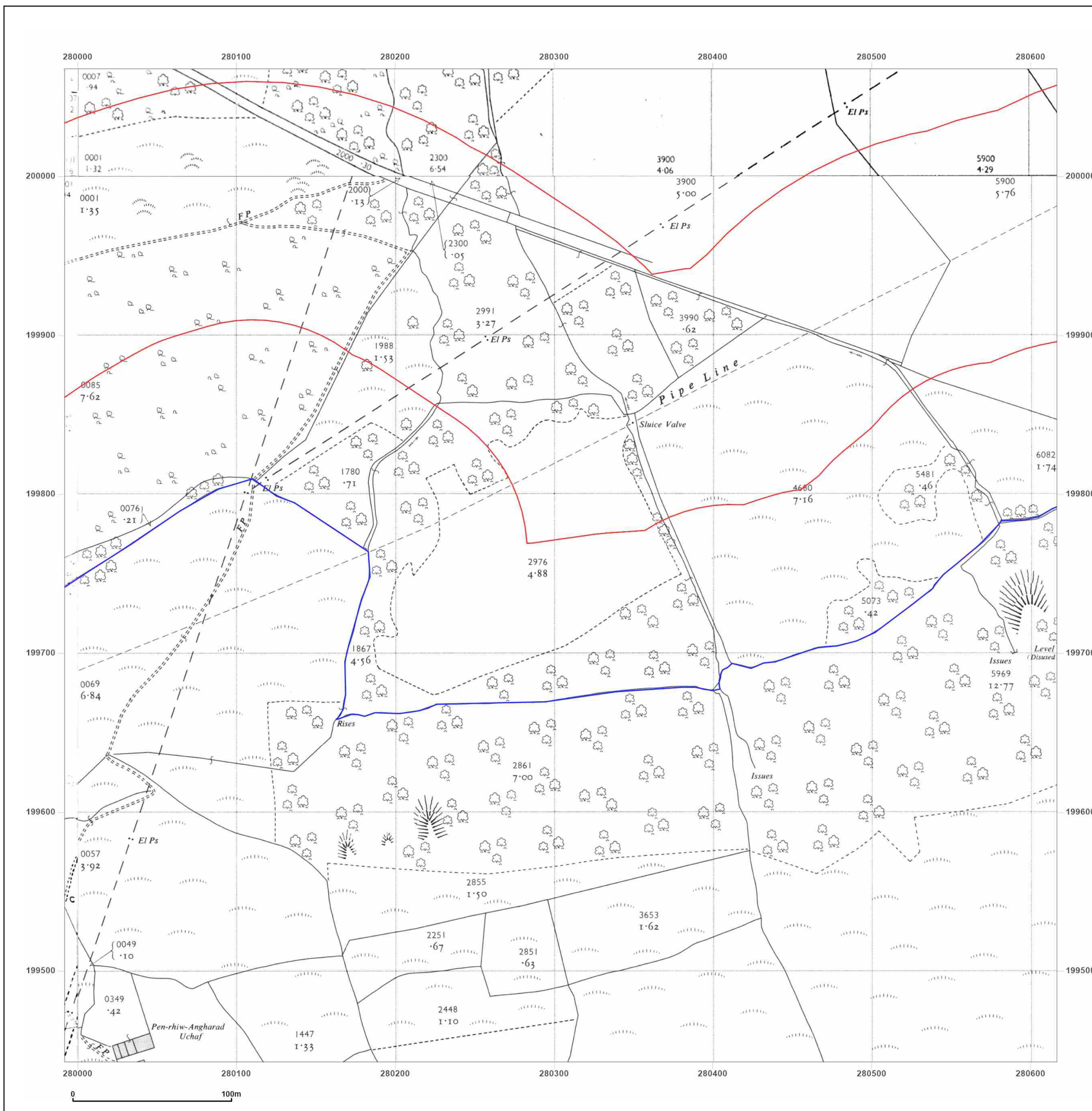


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Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_2_2
Grid Ref: 280304, 199755

Map Name: National Grid

Map date: 1993

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

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Revised N/A
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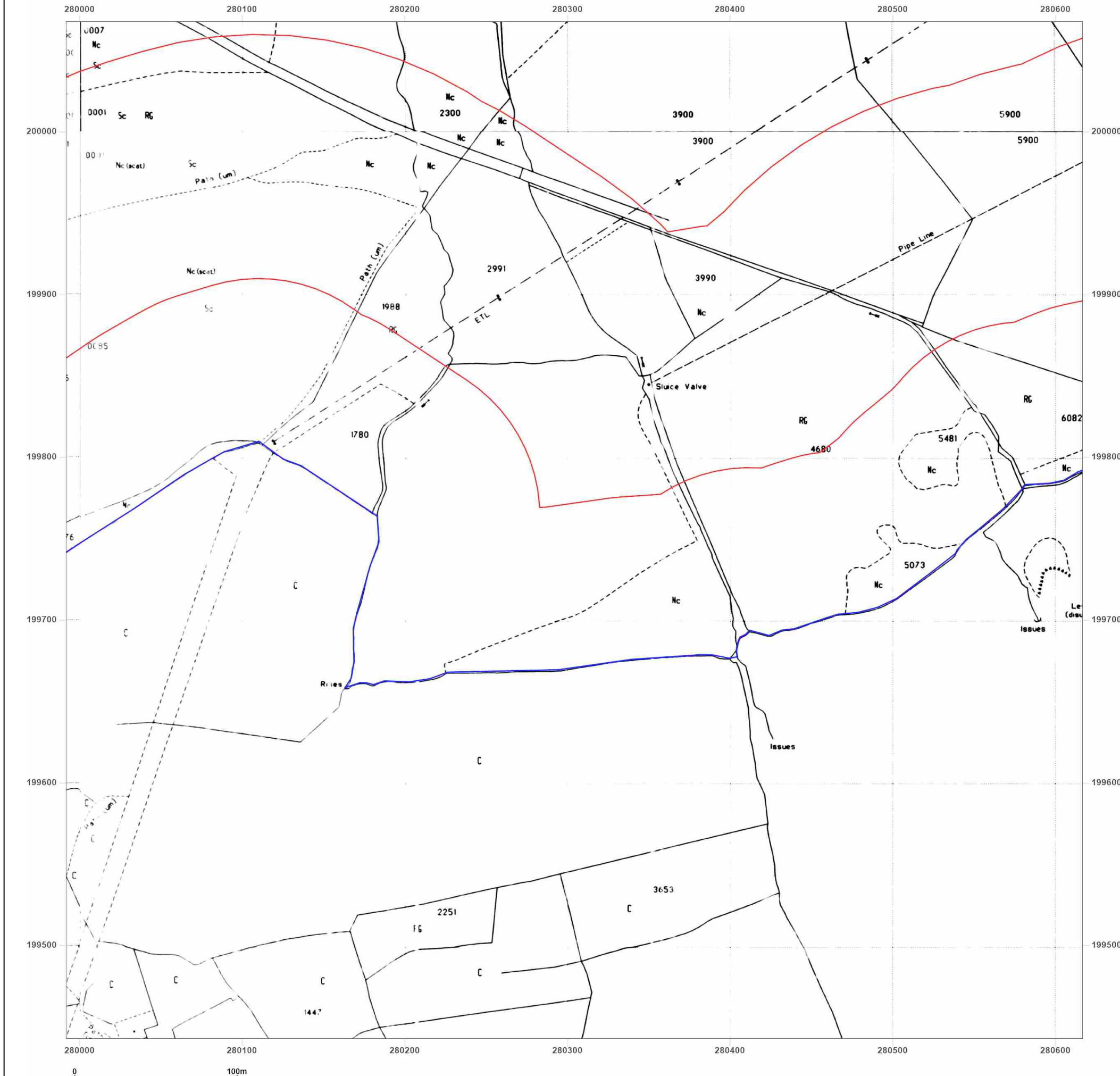


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Site Details:

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Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_3_1
Grid Ref: 280929, 199130

Map Name: County Series

Map date: 1877

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
Levelled N/A

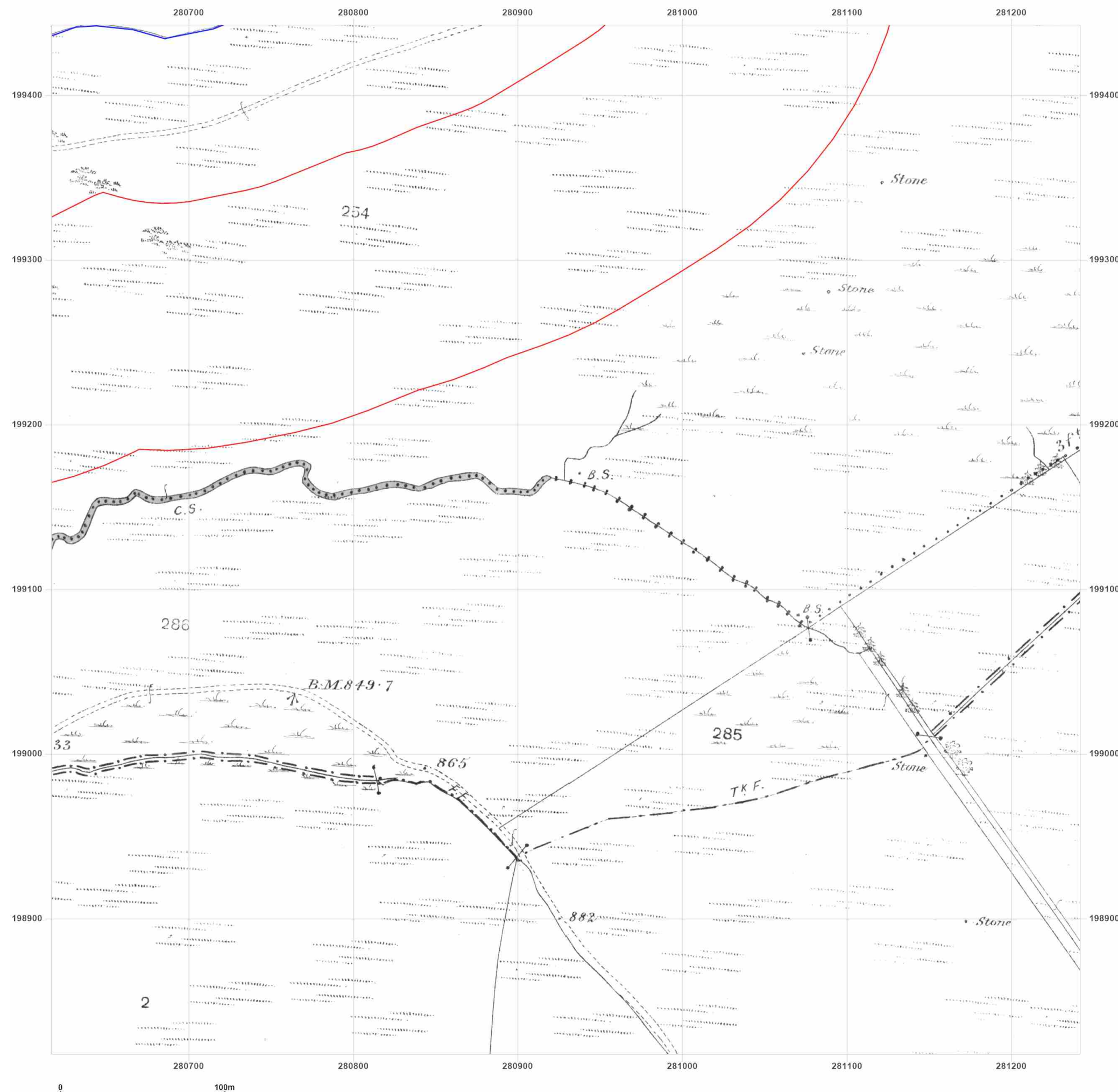


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Site Details:

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Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_3_1
Grid Ref: 280929, 199130

Map Name: County Series

Map date: 1899

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

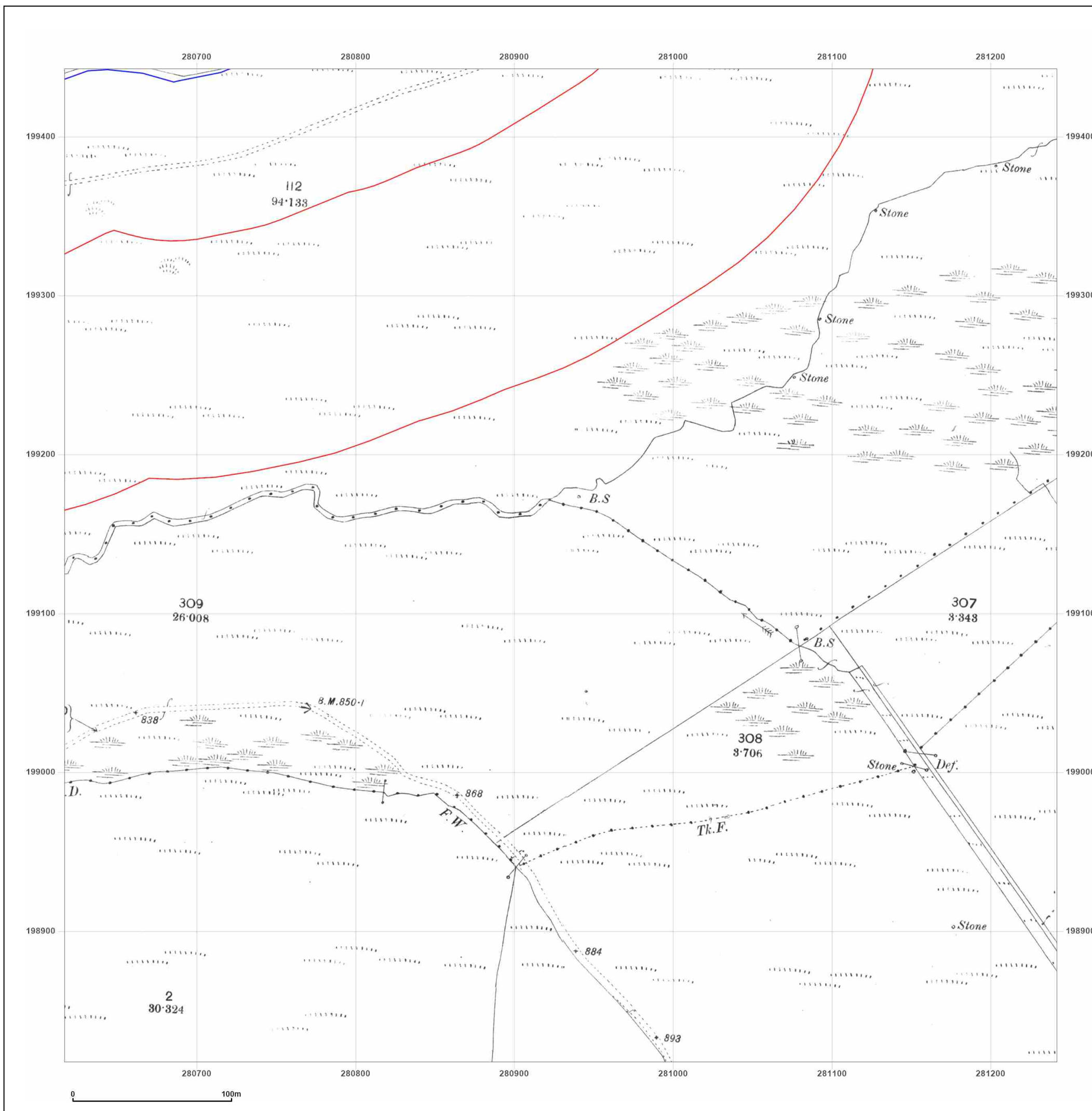


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Site Details:

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Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_3_1
Grid Ref: 280929, 199130

Map Name: County Series

Map date: 1919

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

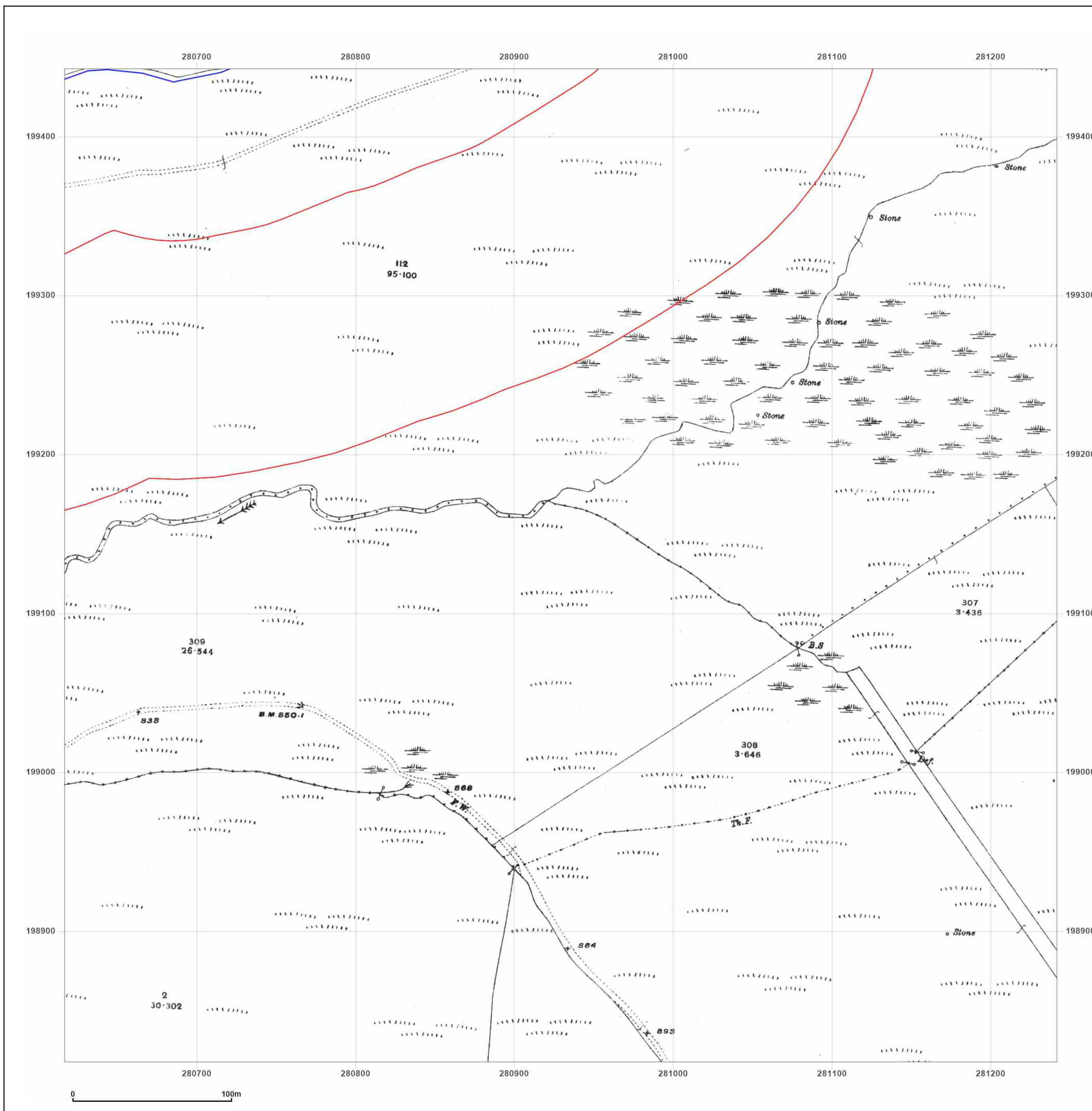


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Site Details:

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649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_3_1
Grid Ref: 280929, 199130

Map Name: National Grid

Map date: 1962

Scale: 1:2,500

Printed at: 1:2,500



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

Surveyed N/A
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Levelled N/A

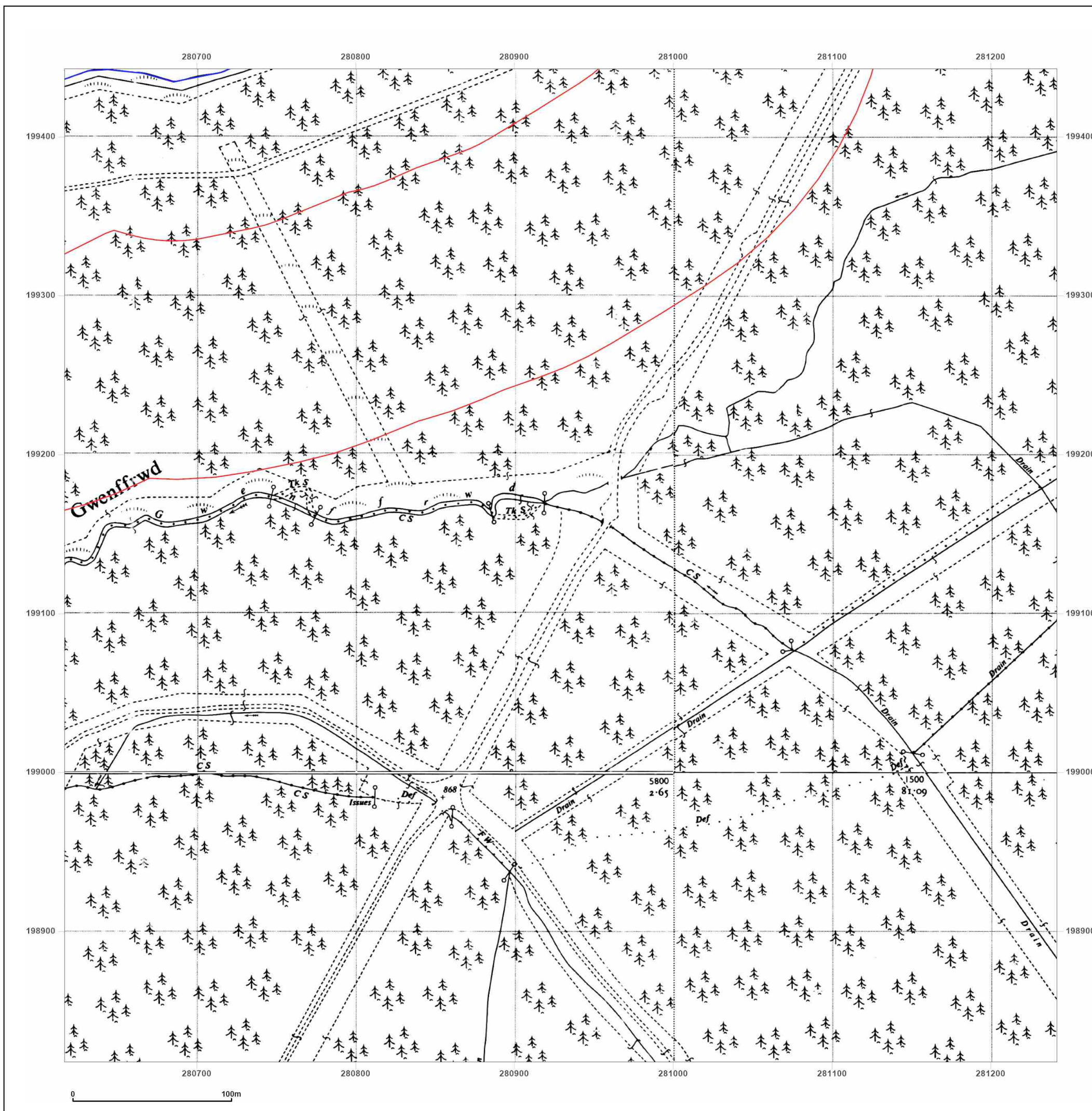


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280265.4930125342,199499.25
649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_3_1
Grid Ref: 280929, 199130

Map Name: National Grid

Map date: 1962

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1962
Revised 1962
Edition N/A
Copyright 1962
Levelled 1950

Surveyed 1962
Revised 1962
Edition N/A
Copyright 1962
Levelled 1950

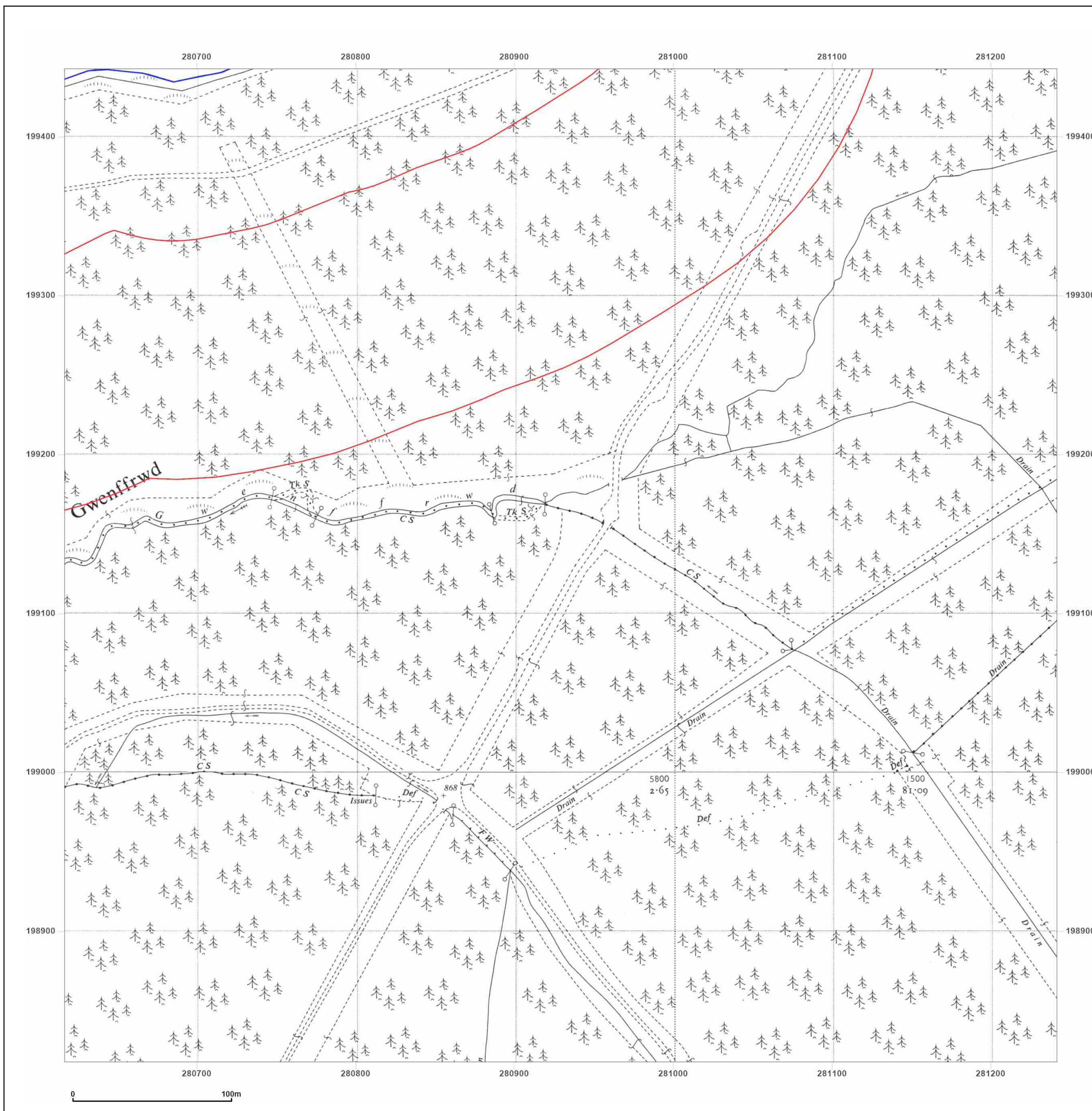


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649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_3_1
Grid Ref: 280929, 199130

Map Name: National Grid

Map date: 1993

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

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Copyright N/A
Levelled N/A

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Revised 1993
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Copyright N/A
Levelled N/A

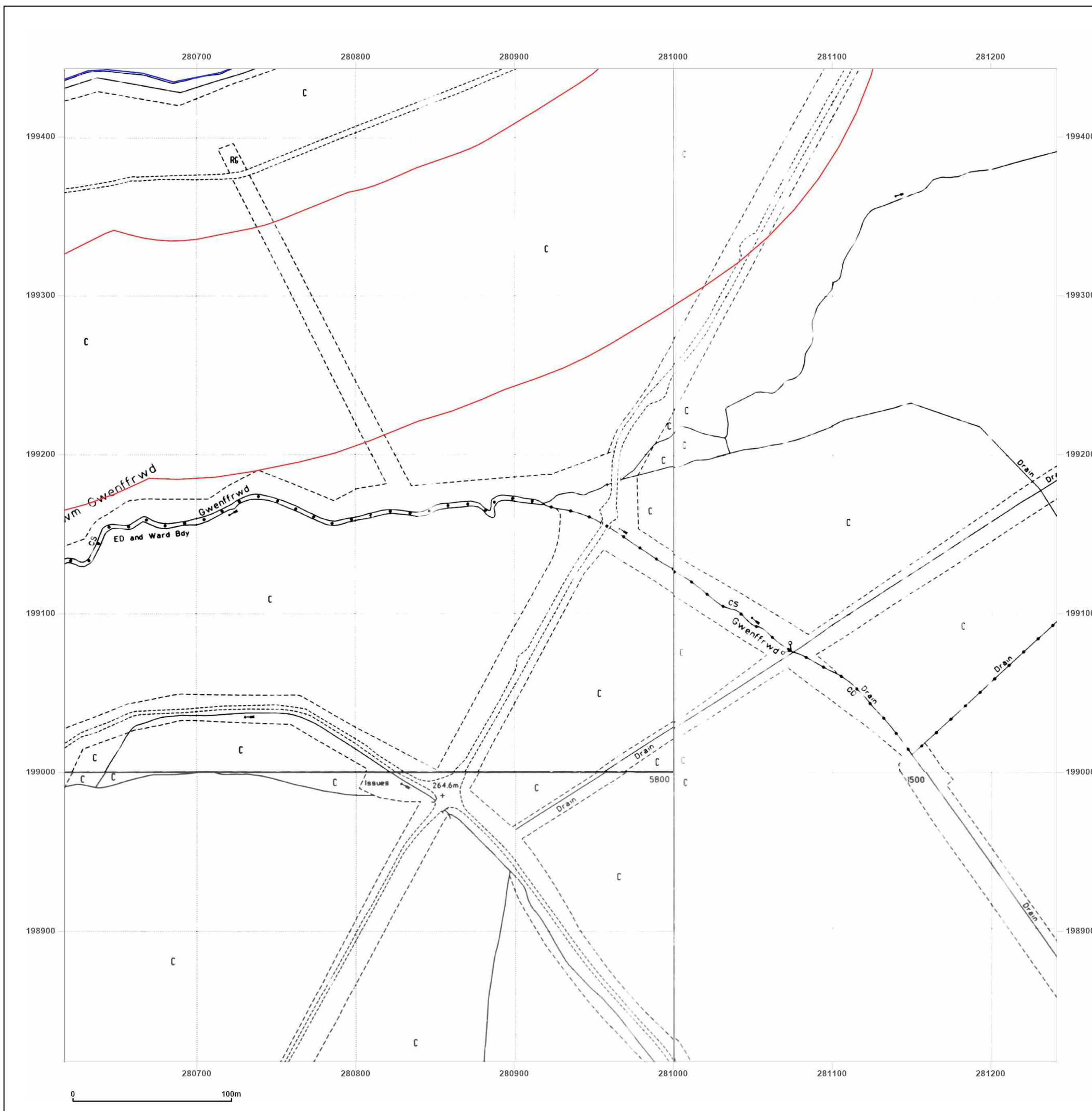


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Site Details:

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Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_3_2
Grid Ref: 280929, 199755

Map Name: County Series

Map date: 1877

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
Levelled N/A

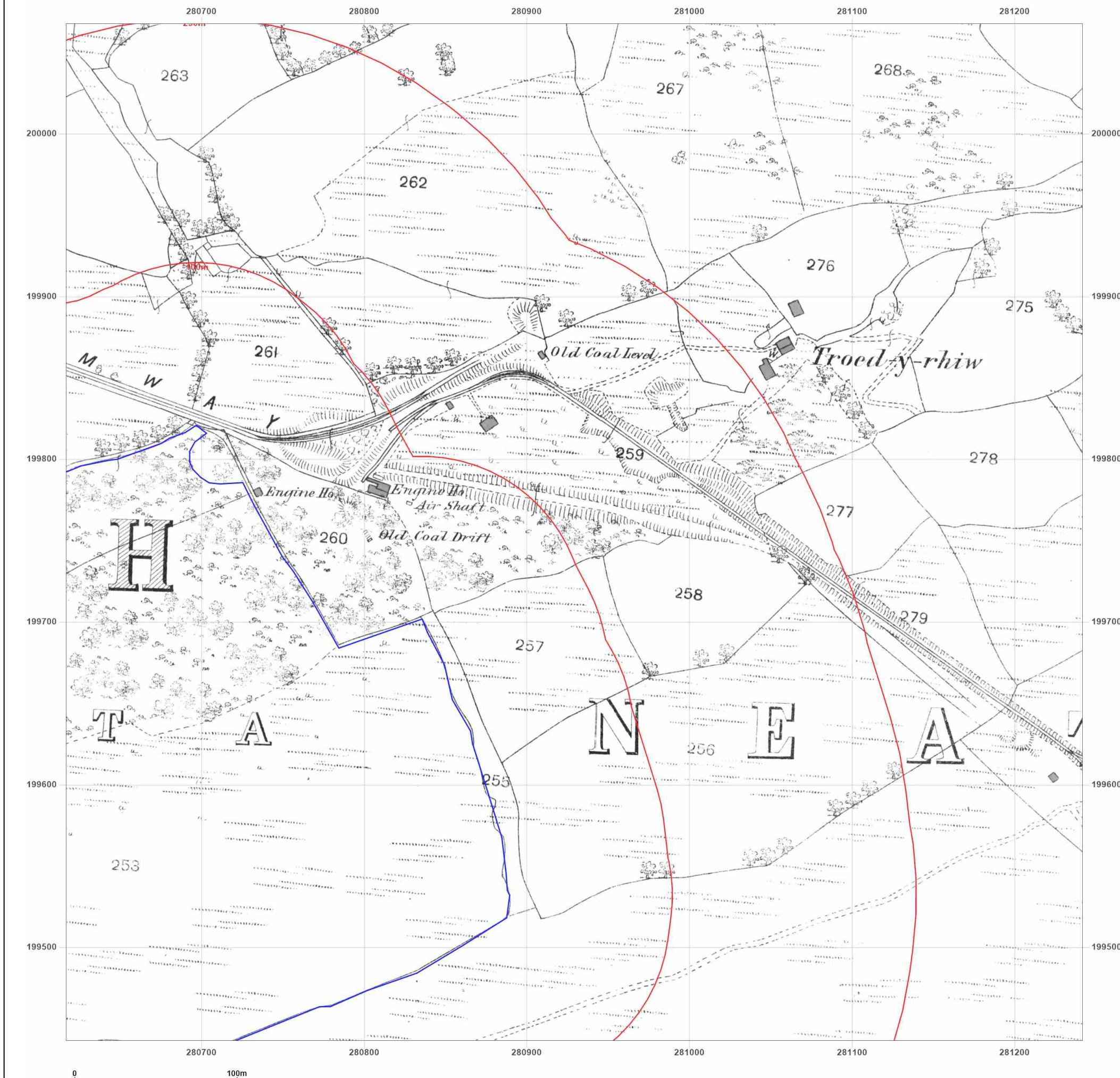


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Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_3_2
Grid Ref: 280929, 199755

Map Name: County Series

Map date: 1899

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

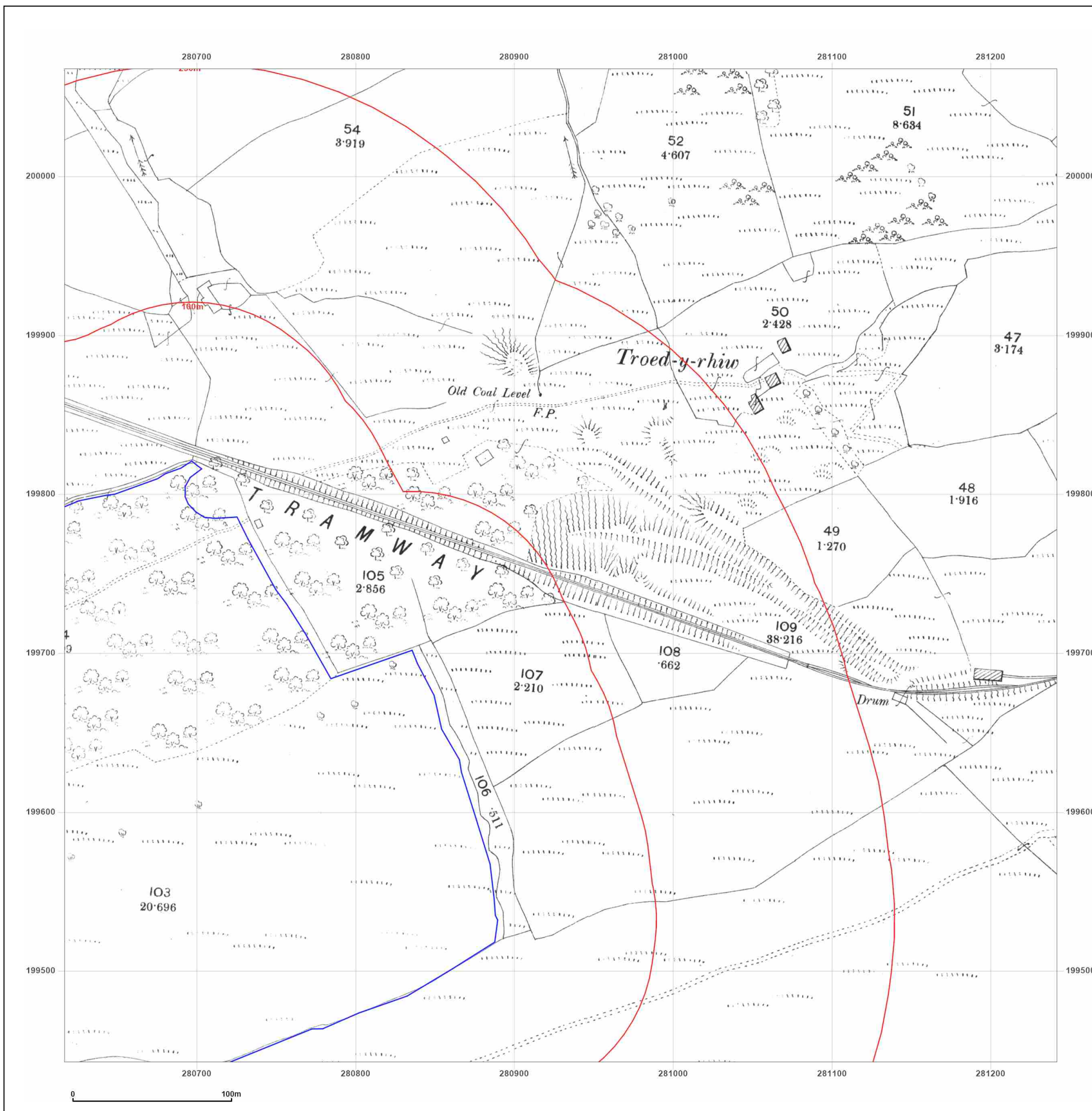


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Site Details:

280265.4930125342,199499.25
649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_3_2
Grid Ref: 280929, 199755

Map Name: County Series

Map date: 1919

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

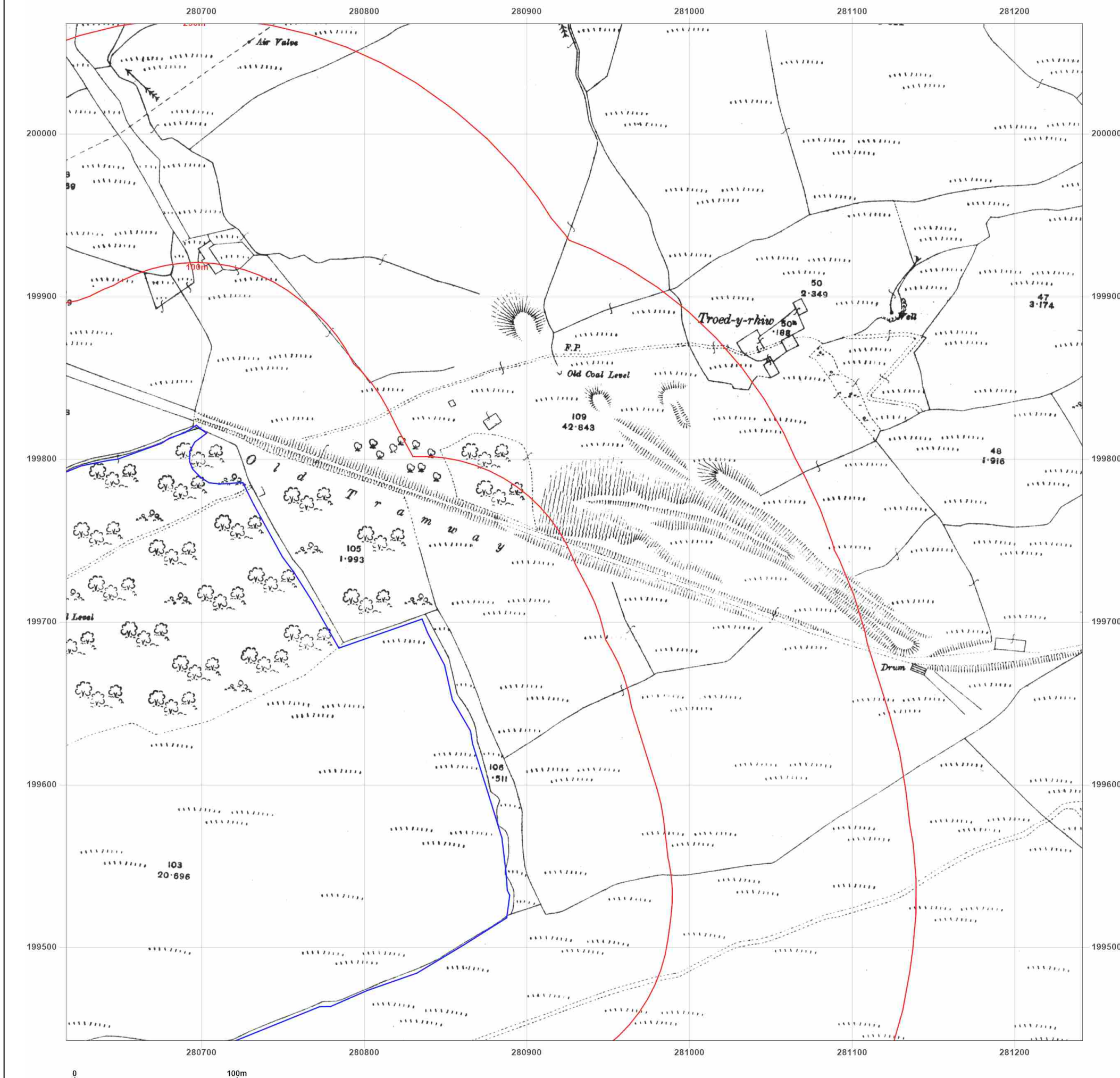


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Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_3_2
Grid Ref: 280929, 199755

Map Name: National Grid

Map date: 1962

Scale: 1:2,500

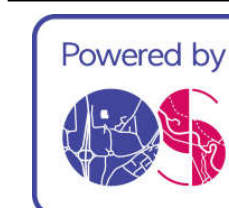
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Surveyed 1962
Revised 1962
Edition N/A
Copyright 1964
Levelled 1956

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

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

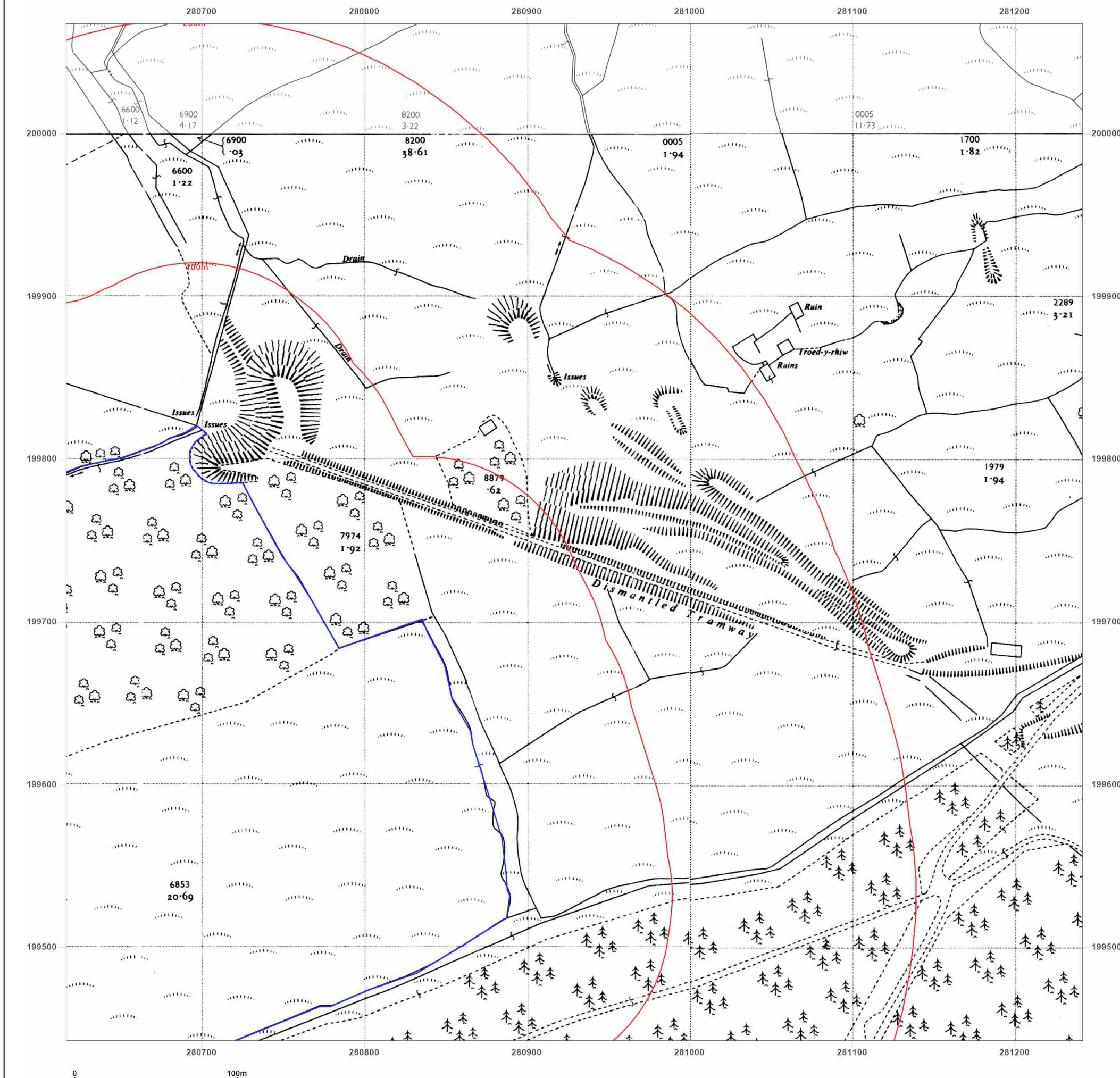


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Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_3_2
Grid Ref: 280929, 199755

Map Name: National Grid

Map date: 1962-1964

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled 1964

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

Surveyed 1962
Revised 1962
Edition N/A
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Levelled 1950

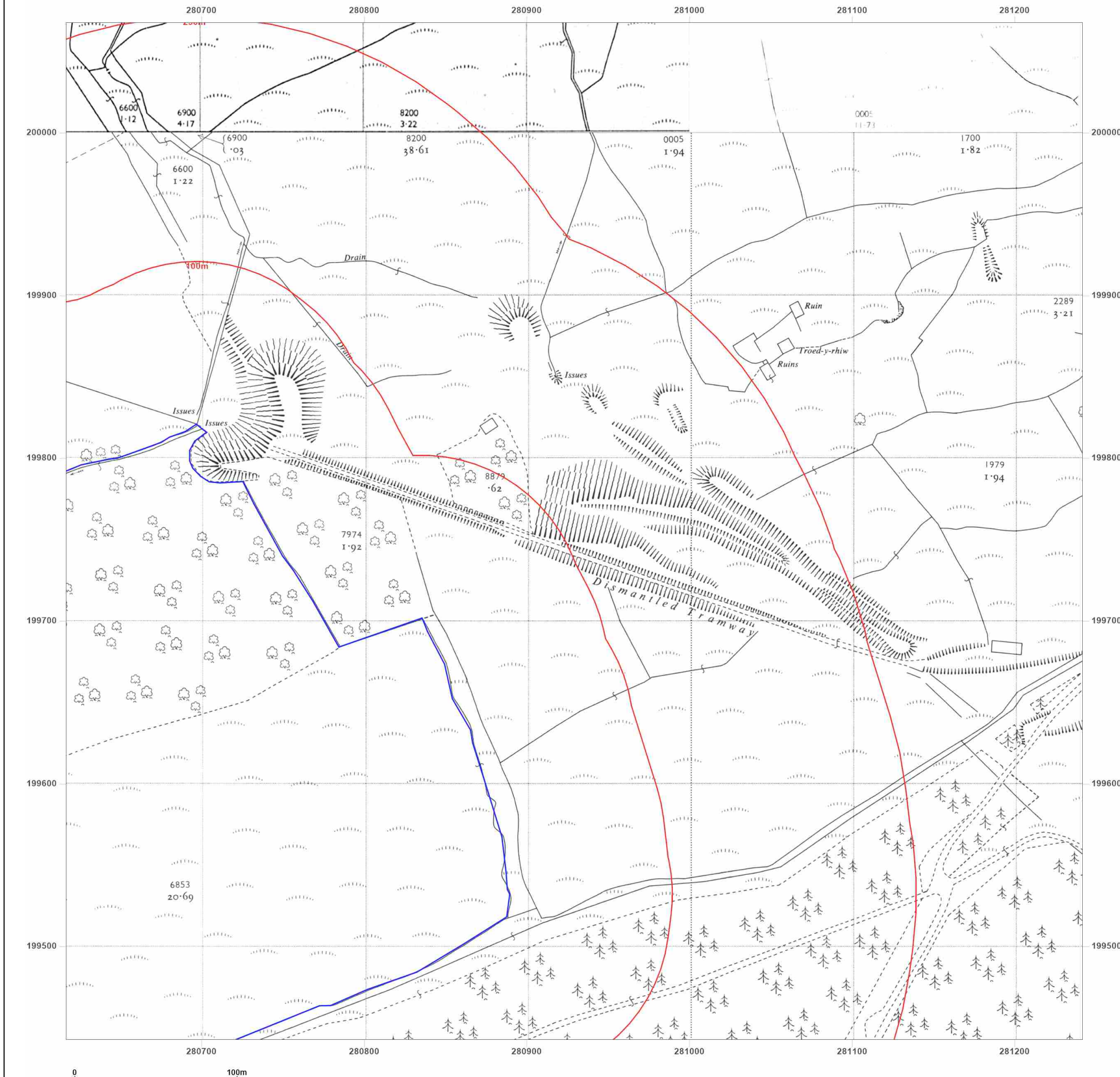


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649367977

Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_LS_3_2
Grid Ref: 280929, 199755

Map Name: National Grid

Map date: 1993

Scale: 1:2,500

Printed at: 1:2,500



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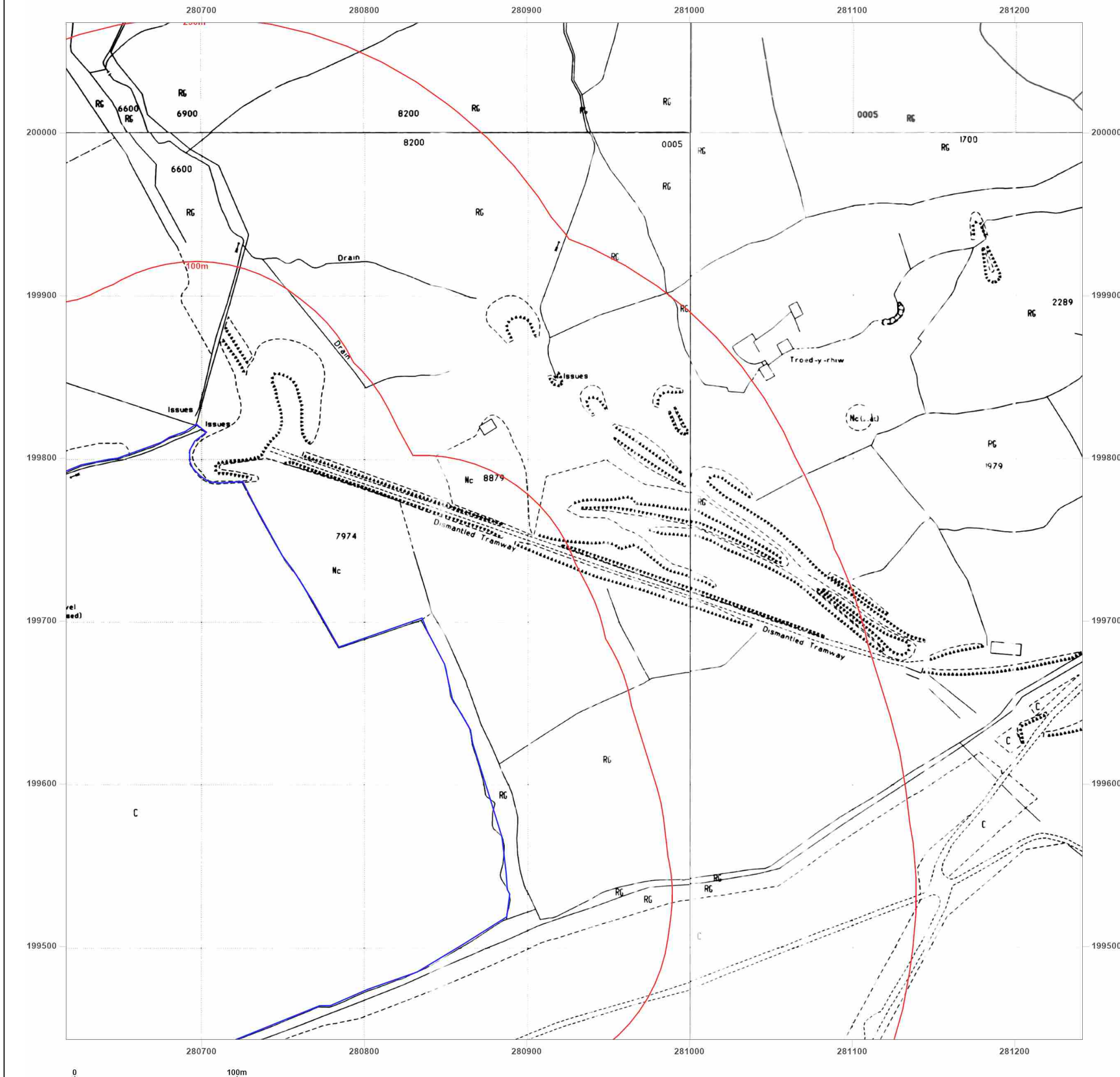


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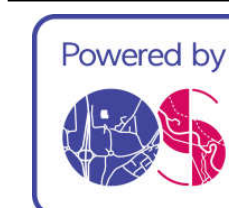
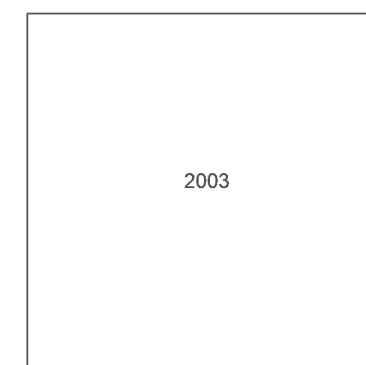
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Grid Ref: 279854, 199143

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250

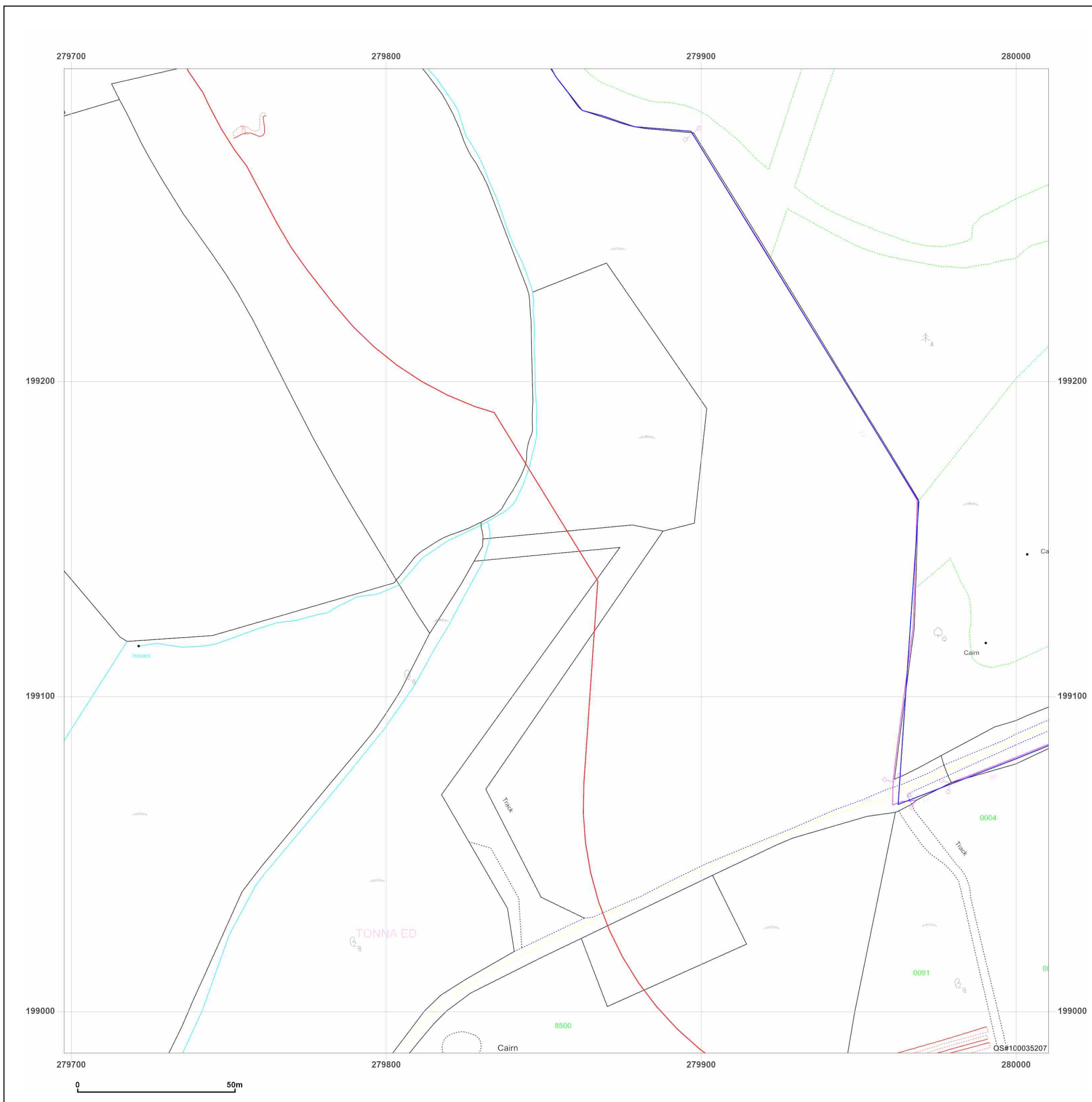


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Site Details:

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Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_Landline_2_1
Grid Ref: 280154, 199143

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250



2003

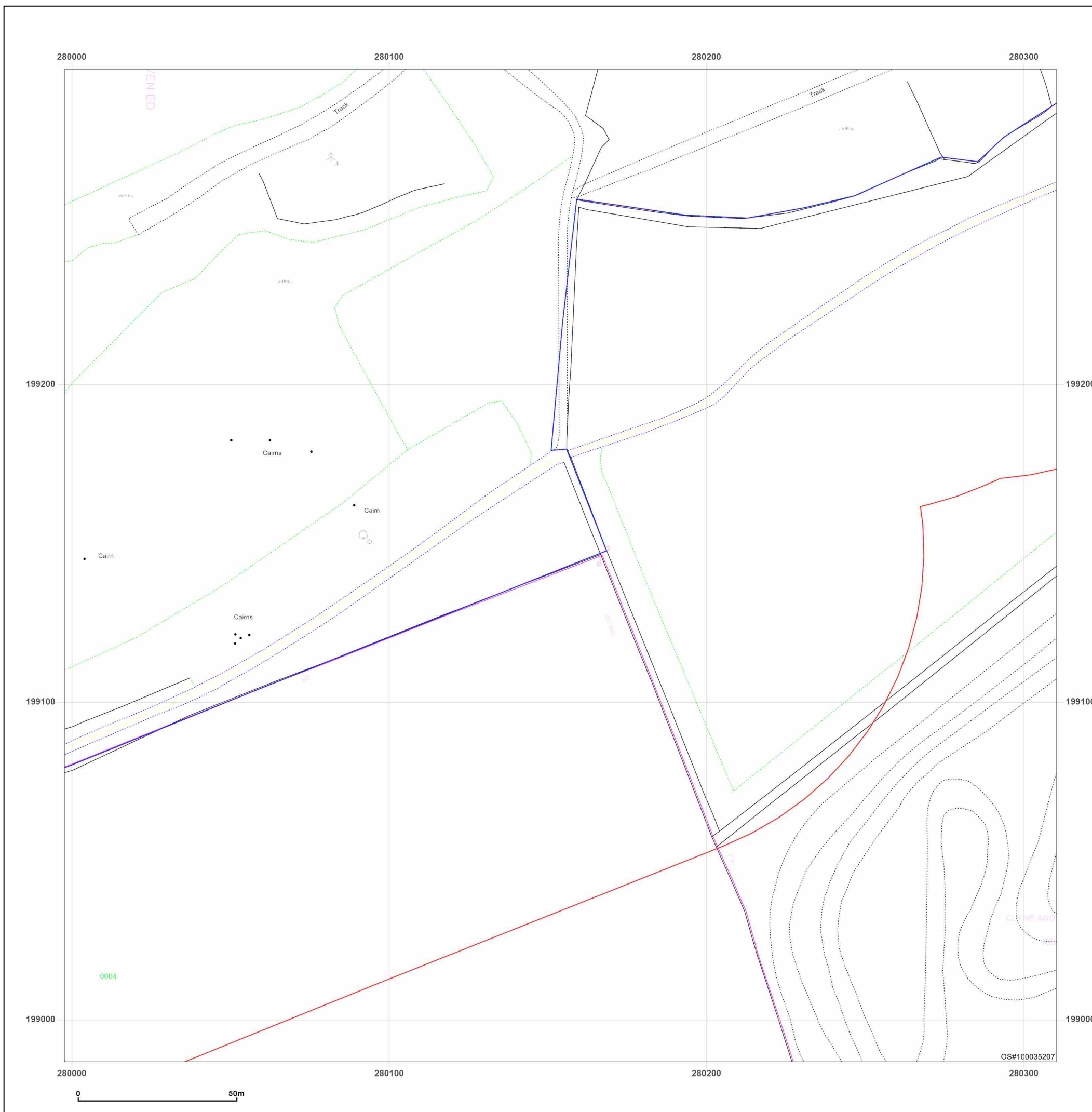


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Site Details:

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Client Ref: PO30015
Report Ref: GS-8J8-V4I-DZF-J9O_Landline_2_2
Grid Ref: 280154, 199443

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250



2003



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Site Details:

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649367977

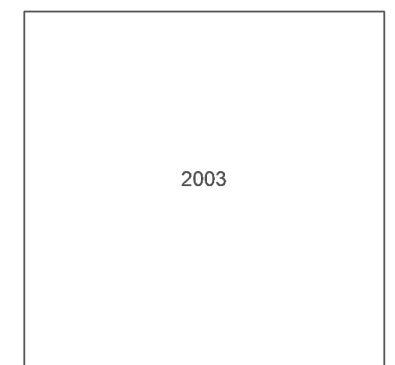
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Map Name: LandLine

Map date: 2003

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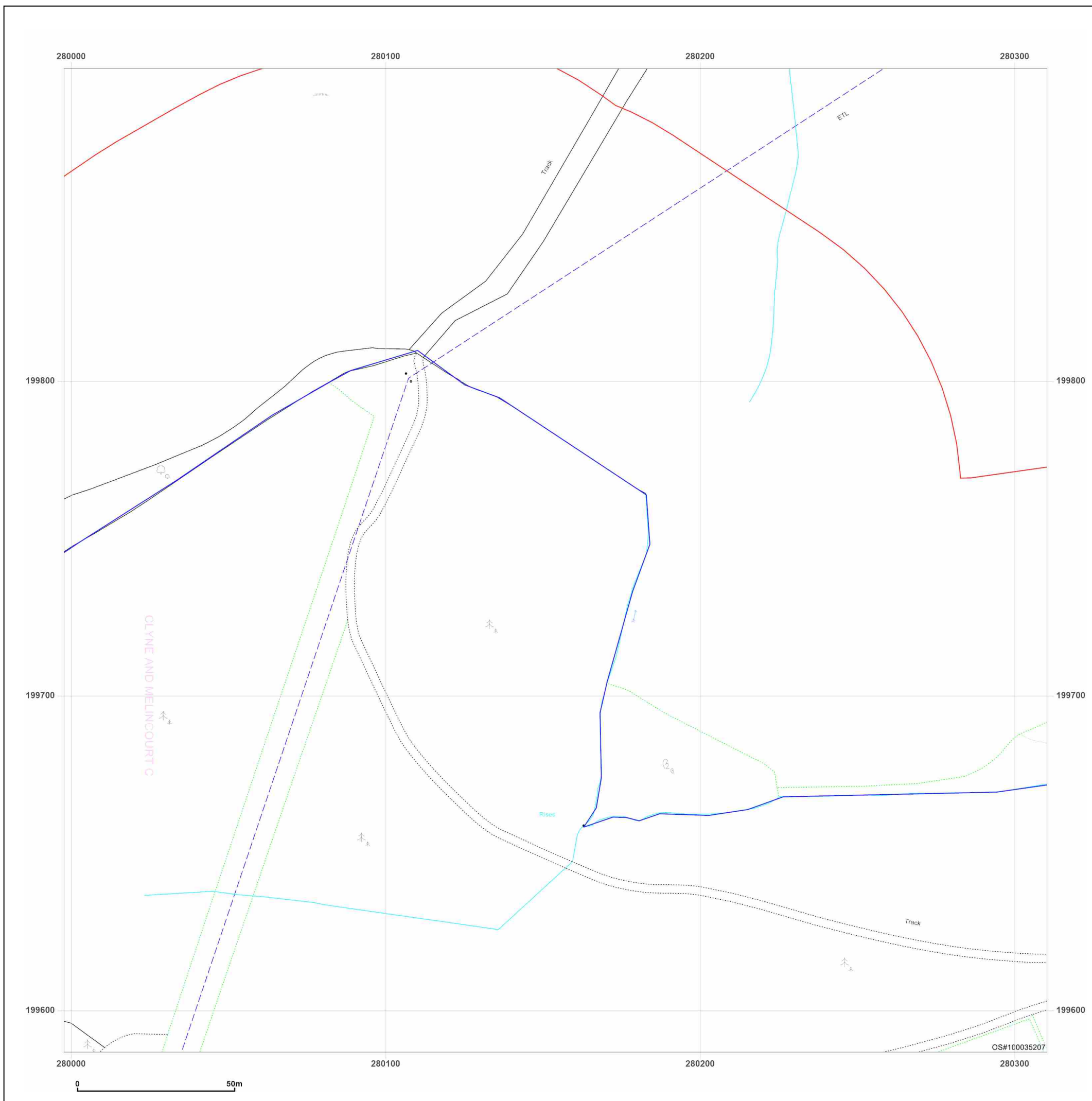


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Site Details:

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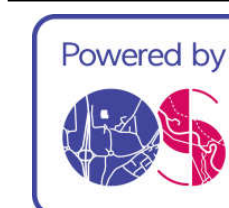
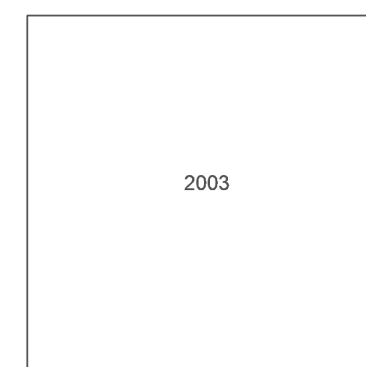
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Grid Ref: 280454, 199143

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250

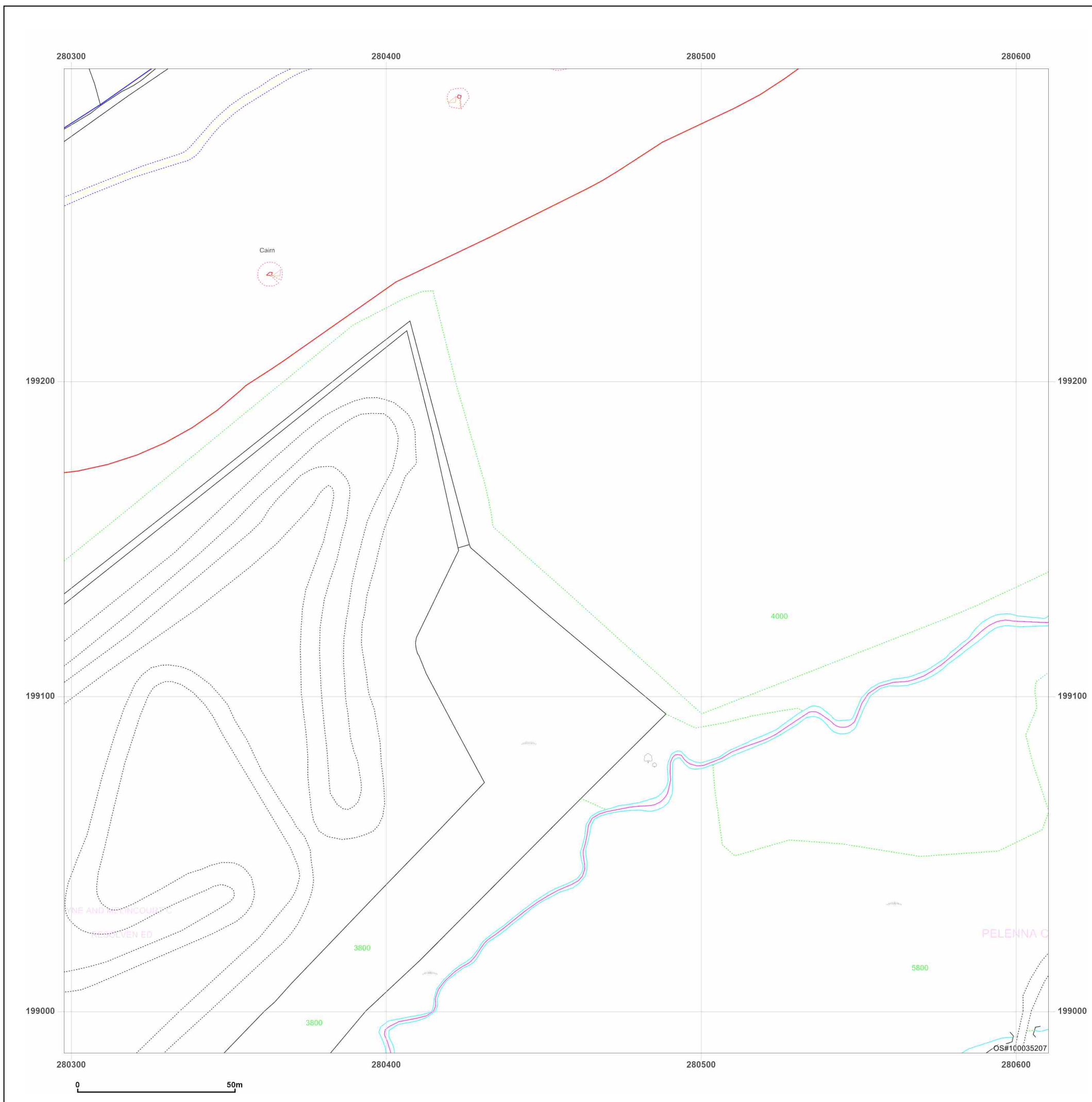


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649367977

Client Ref: PO30015
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Grid Ref: 280454, 199443

Map Name: LandLine

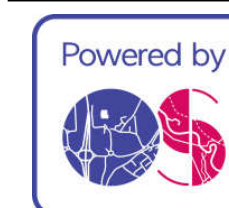
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2003

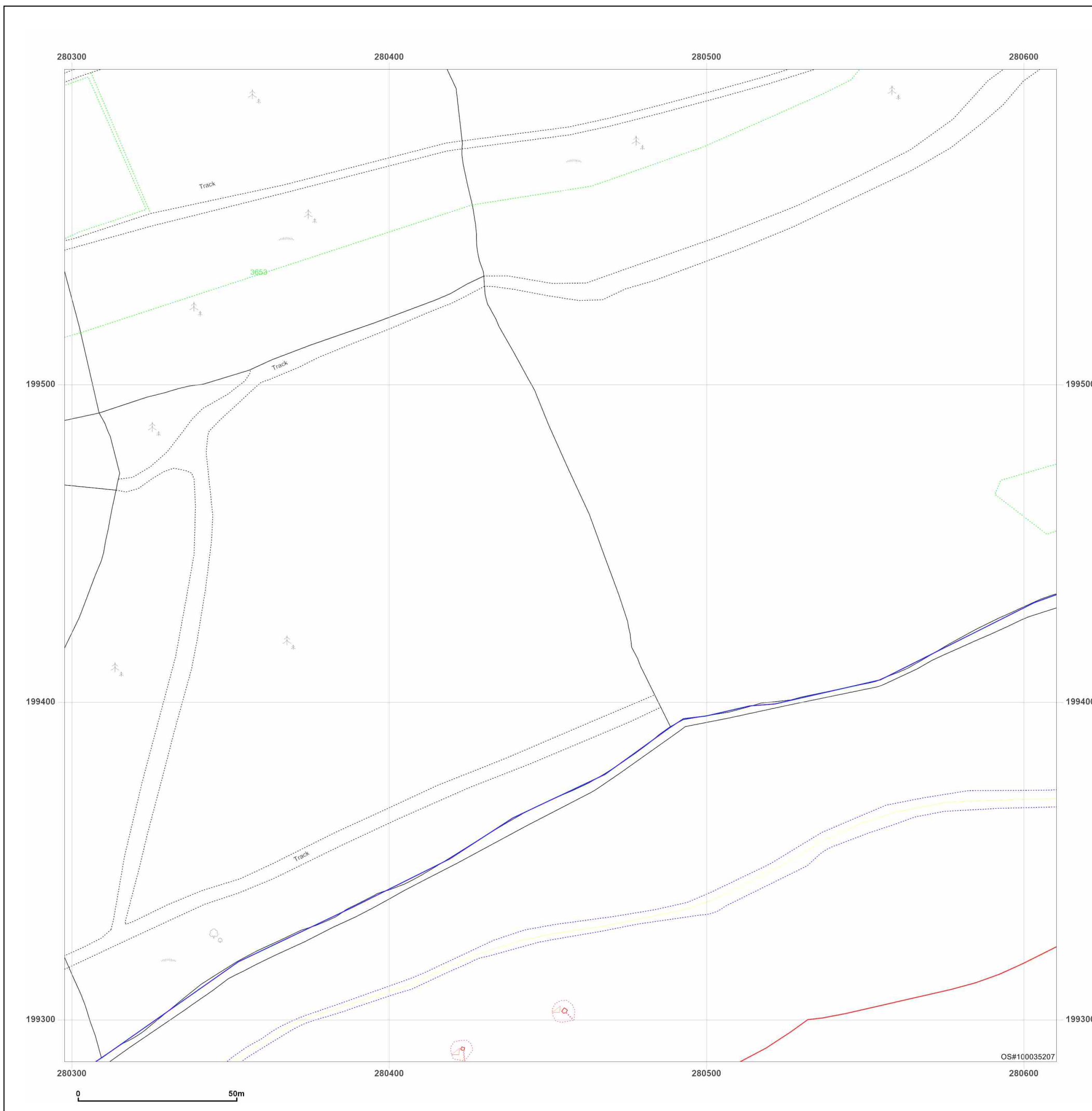


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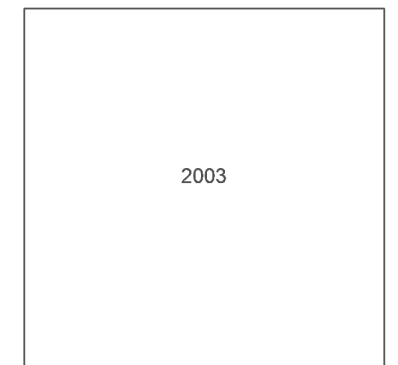
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Grid Ref: 280754, 199443

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

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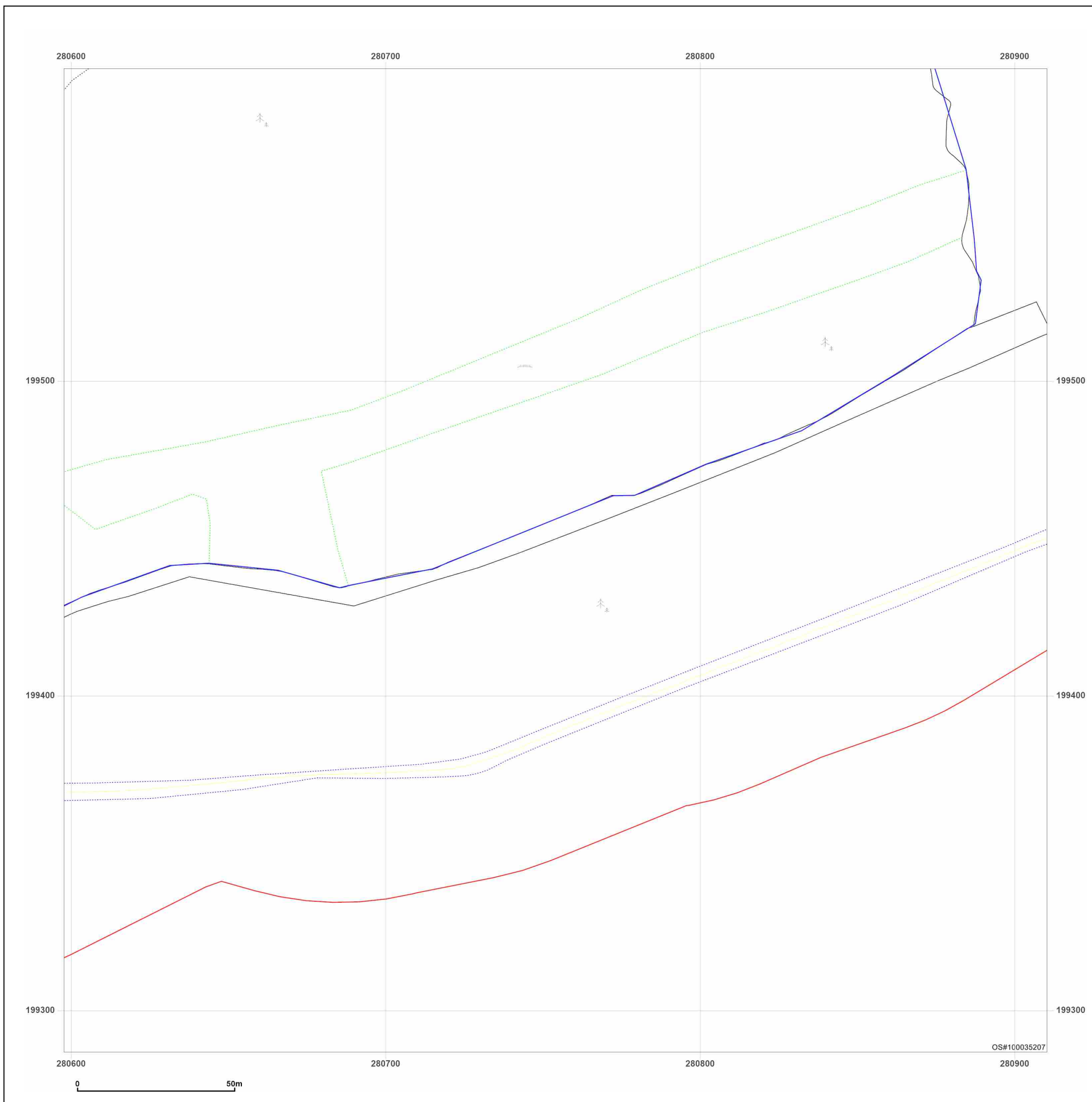


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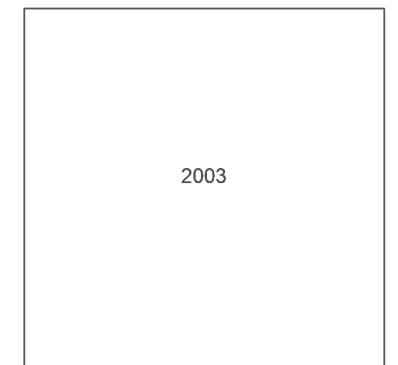
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Report Ref: GS-8J8-V4I-DZF-J9O_Landline_4_3
Grid Ref: 280754, 199743

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250

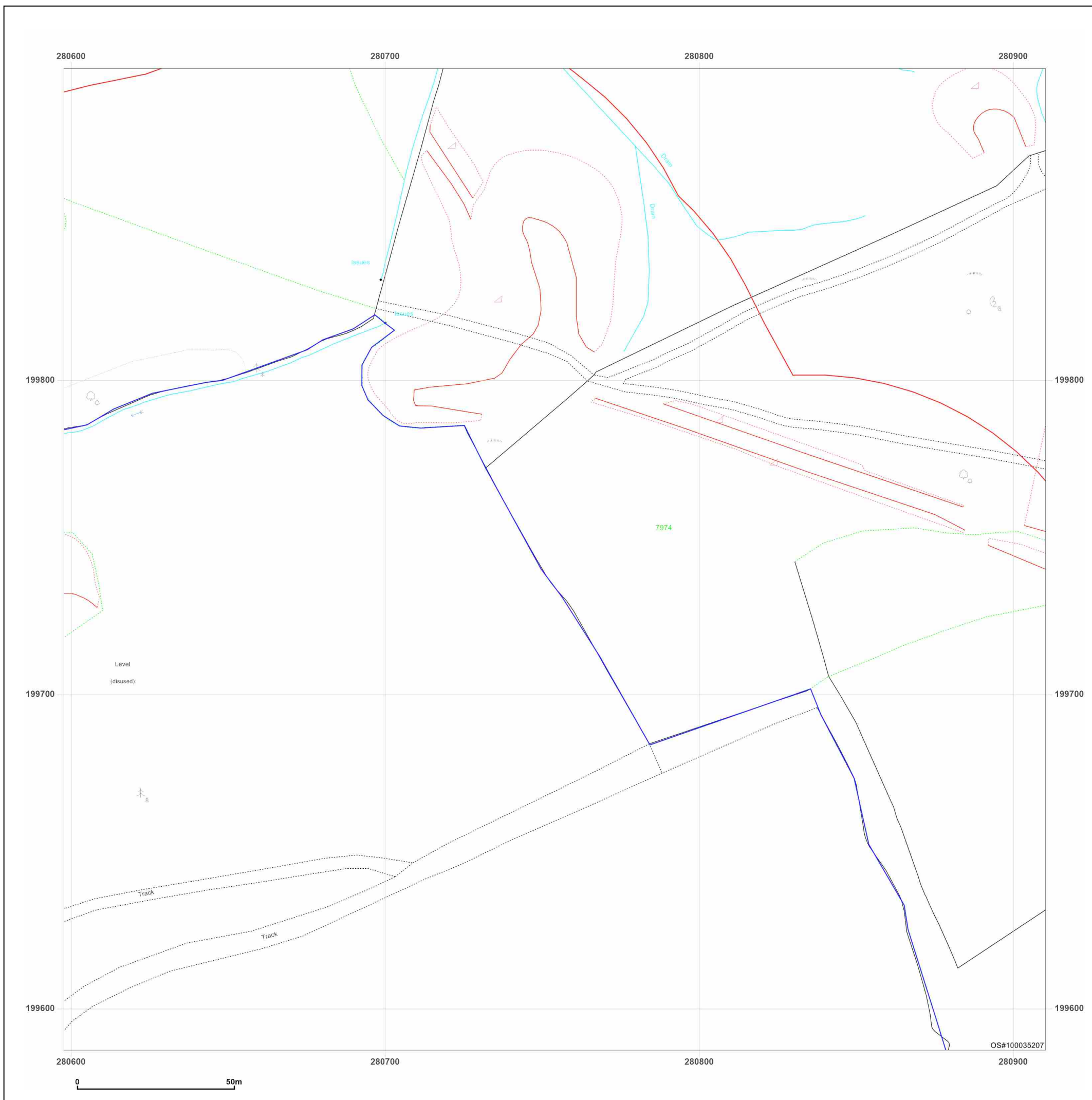


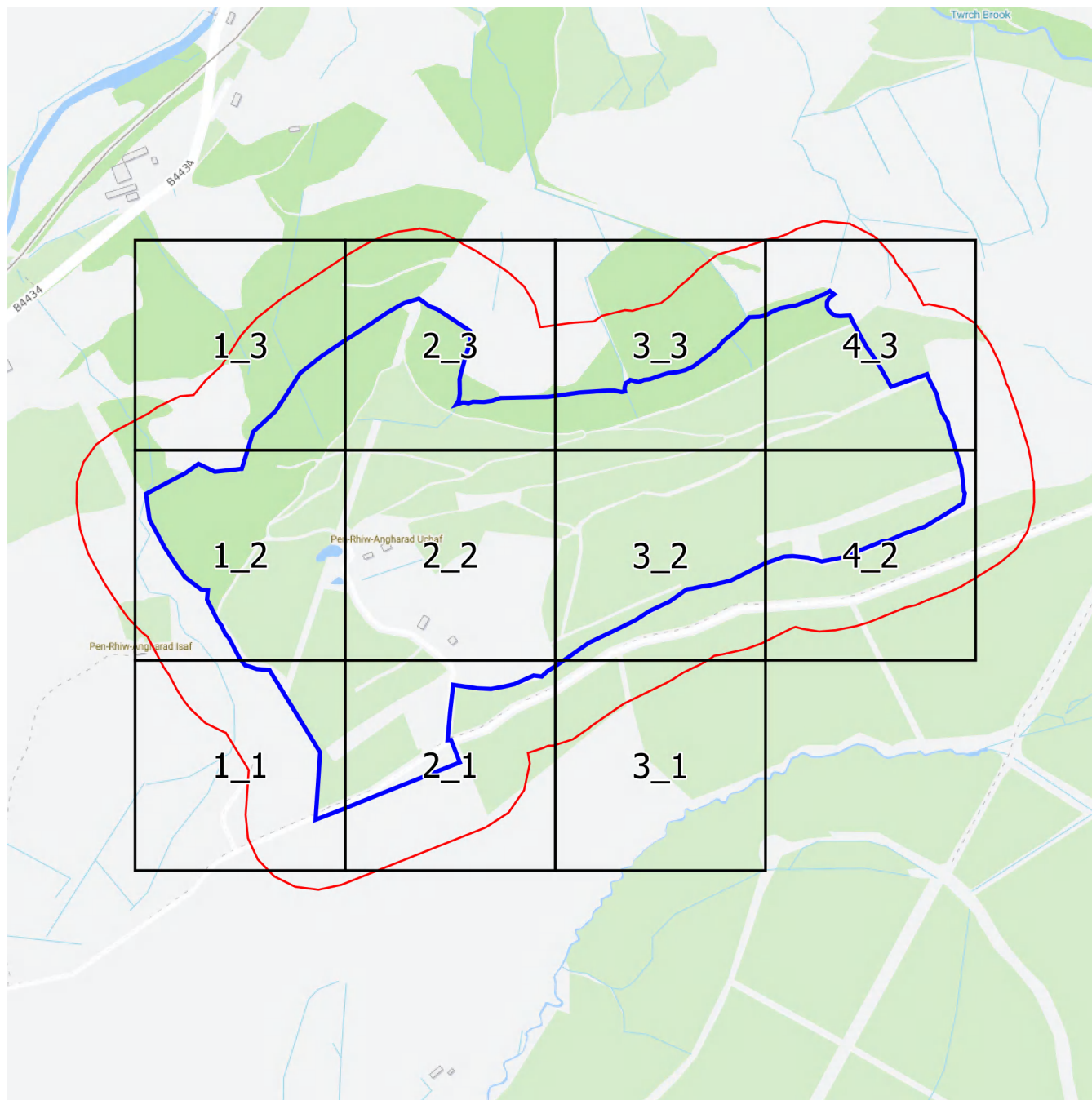
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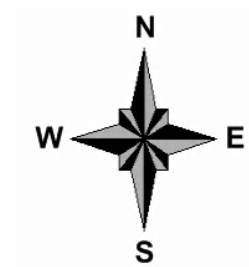
Map legend available at:
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Groundsure
INSIGHTS

Landline Scale Grid Index



Appendix D Desk study research information

Groundsure Enviro+Geo Insight

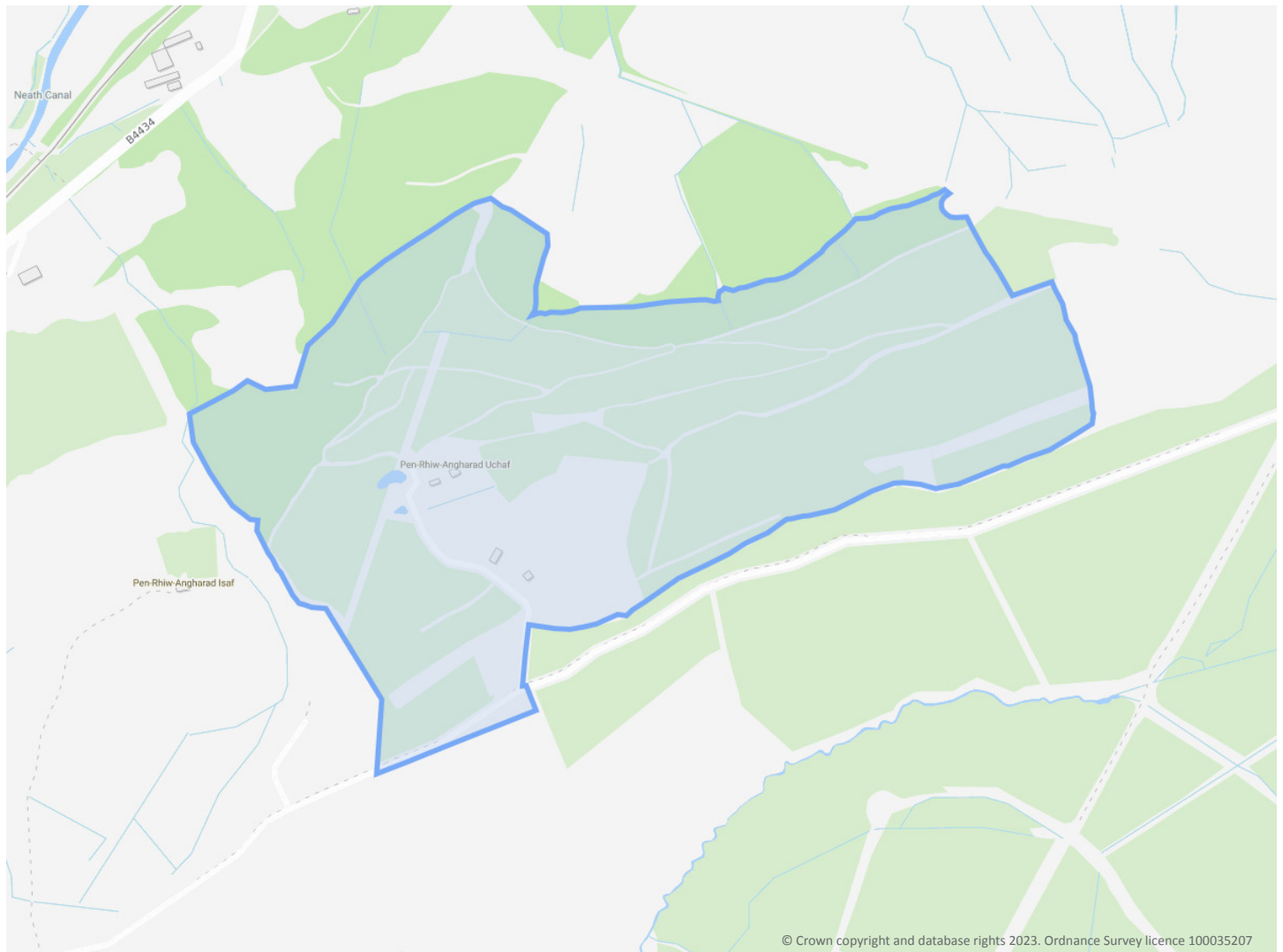
280265.4930125342,199499.25649367977,

Order Details

Date: 13/11/2023
Your ref: PO30015
Our Ref: GS-5IU-EWQ-VUE-VXL

Site Details

Location: 280319 199507
Area: 43.8 ha
Authority: [Castell-nedd Port Talbot - Neath Port Talbot County Borough](#) ↗



Summary of findings

[p. 2 >](#)

Aerial image

[p. 9 >](#)

OS MasterMap site plan

N/A: >10ha

groundsure.com/insightuserguide ↗

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
14 >	1.1 >	Historical industrial land uses >	34	7	28	49	-
19	1.2	Historical tanks	0	0	0	0	-
19	1.3	Historical energy features	0	0	0	0	-
19	1.4	Historical petrol stations	0	0	0	0	-
20	1.5	Historical garages	0	0	0	0	-
20	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
21 >	2.1 >	Historical industrial land uses >	45	8	39	67	-
27	2.2	Historical tanks	0	0	0	0	-
27	2.3	Historical energy features	0	0	0	0	-
28	2.4	Historical petrol stations	0	0	0	0	-
28	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
29	3.1	Active or recent landfill	0	0	0	0	-
29	3.2	Historical landfill (BGS records)	0	0	0	0	-
30	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
30	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
30	3.5	Historical waste sites	0	0	0	0	-
30	3.6	Licensed waste sites	0	0	0	0	-
30 >	3.7 >	Waste exemptions >	0	0	0	24	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
33 >	4.1 >	Recent industrial land uses >	2	0	1	-	-
34	4.2	Current or recent petrol stations	0	0	0	0	-
34	4.3	Electricity cables	0	0	0	0	-
34 >	4.4 >	Gas pipelines >	1	0	0	0	-
34	4.5	Sites determined as Contaminated Land	0	0	0	0	-



35	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
35	4.7	Regulated explosive sites	0	0	0	0	-
35	4.8	Hazardous substance storage/usage	0	0	0	0	-
35	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
35	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
36	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
36	4.12	Radioactive Substance Authorisations	0	0	0	0	-
36 >	4.13 >	<u>Licensed Discharges to controlled waters</u> >	1	0	0	0	-
36	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
37	4.15	Pollutant release to public sewer	0	0	0	0	-
37	4.16	List 1 Dangerous Substances	0	0	0	0	-
37	4.17	List 2 Dangerous Substances	0	0	0	0	-
37 >	4.18 >	<u>Pollution Incidents (EA/NRW)</u> >	0	0	0	1	-
38	4.19	Pollution inventory substances	0	0	0	0	-
38	4.20	Pollution inventory waste transfers	0	0	0	0	-
38	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	<u>Hydrogeology</u> >	On site	0-50m	50-250m	250-500m	500-2000m
39 >	5.1 >	<u>Superficial aquifer</u> >	Identified (within 500m)				
41 >	5.2 >	<u>Bedrock aquifer</u> >	Identified (within 500m)				
43 >	5.3 >	<u>Groundwater vulnerability</u> >	Identified (within 50m)				
44	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
44	5.5	Groundwater vulnerability- local information	None (within 0m)				
46 >	5.6 >	<u>Groundwater abstractions</u> >	0	0	0	0	4
47	5.7	Surface water abstractions	0	0	0	0	0
48	5.8	Potable abstractions	0	0	0	0	0
48	5.9	Source Protection Zones	0	0	0	0	-
48	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	<u>Hydrology</u> >	On site	0-50m	50-250m	250-500m	500-2000m
49 >	6.1 >	<u>Water Network (OS MasterMap)</u> >	14	5	33	-	-



54 >	6.2 >	Surface water features >	1	5	23	-	-
54 >	6.3 >	WFD Surface water body catchments >	2	-	-	-	-
54 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
55 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
56	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
56	7.2	Historical Flood Events	0	0	0	-	-
56	7.3	Flood Defences	0	0	0	-	-
57	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
57	7.5	Flood Storage Areas	0	0	0	-	-
58	7.6	Flood Zone 2	None (within 50m)				
58	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding >					
59 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
61 >	9.1 >	Groundwater flooding >	Negligible (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
62	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
63	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
63	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
63	10.4	Special Protection Areas (SPA)	0	0	0	0	0
63	10.5	National Nature Reserves (NNR)	0	0	0	0	0
64	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
64 >	10.7 >	Designated Ancient Woodland >	8	1	8	10	111
69	10.8	Biosphere Reserves	0	0	0	0	0
69	10.9	Forest Parks	0	0	0	0	0
70	10.10	Marine Conservation Zones	0	0	0	0	0
70	10.11	Green Belt	0	0	0	0	0
70	10.12	Proposed Ramsar sites	0	0	0	0	0



70	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
70	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
71	10.15	Nitrate Sensitive Areas	0	0	0	0	0
71	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
72	10.17	SSSI Impact Risk Zones	0	-	-	-	-
72	10.18	SSSI Units	0	0	0	0	0
Page	Section	<u>Visual and cultural designations</u> >	On site	0-50m	50-250m	250-500m	500-2000m
73	11.1	World Heritage Sites	0	0	0	-	-
74	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
74	11.3	National Parks	0	0	0	-	-
74	11.4	Listed Buildings	0	0	0	-	-
74	11.5	Conservation Areas	0	0	0	-	-
75 >	<u>11.6 ></u>	<u>Scheduled Ancient Monuments</u> >	1	0	1	-	-
75	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	<u>Agricultural designations</u> >	On site	0-50m	50-250m	250-500m	500-2000m
76 >	<u>12.1 ></u>	<u>Agricultural Land Classification</u> >	Grade 5 (within 250m)				
78 >	<u>12.2 ></u>	<u>Open Access Land</u> >	1	0	0	-	-
78	12.3	Tree Felling Licences	0	0	0	-	-
78	12.4	Environmental Stewardship Schemes	0	0	0	-	-
78	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
79	13.1	Priority Habitat Inventory	0	0	0	-	-
79	13.2	Habitat Networks	0	0	0	-	-
79	13.3	Open Mosaic Habitat	0	0	0	-	-
79	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	<u>Geology 1:10,000 scale</u> >	On site	0-50m	50-250m	250-500m	500-2000m
80 >	<u>14.1 ></u>	<u>10k Availability</u> >	Identified (within 500m)				
82 >	<u>14.2 ></u>	<u>Artificial and made ground (10k)</u> >	0	0	1	4	-
84 >	<u>14.3 ></u>	<u>Superficial geology (10k)</u> >	1	0	1	6	-

85 >	14.4 >	Landslip (10k) >	1	0	0	1	-
86 >	14.5 >	Bedrock geology (10k) >	10	2	11	11	-
88 >	14.6 >	Bedrock faults and other linear features (10k) >	6	4	5	7	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
90 >	15.1 >	50k Availability >	Identified (within 500m)				
91	15.2	Artificial and made ground (50k)	0	0	0	0	-
91	15.3	Artificial ground permeability (50k)	0	0	-	-	-
92 >	15.4 >	Superficial geology (50k) >	1	0	3	4	-
93 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
93 >	15.6 >	Landslip (50k) >	0	0	1	1	-
94	15.7	Landslip permeability (50k)	None (within 50m)				
95 >	15.8 >	Bedrock geology (50k) >	9	0	0	7	-
96 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
97 >	15.10 >	Bedrock faults and other linear features (50k) >	10	4	4	6	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
99	16.1	BGS Boreholes	0	0	0	-	-
Page	Section	Natural ground subsidence >					
100 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
101 >	17.2 >	Running sands >	Very low (within 50m)				
103 >	17.3 >	Compressible deposits >	High (within 50m)				
104 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
105 >	17.5 >	Landslides >	Low (within 50m)				
107 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
109 >	18.1 >	BritPits >	4	0	2	4	-
112 >	18.2 >	Surface ground workings >	36	6	36	-	-
115 >	18.3 >	Underground workings >	9	0	4	8	57
118	18.4	Underground mining extents	0	0	0	0	-
118	18.5	Historical Mineral Planning Areas	0	0	0	0	-



118	18.6	Non-coal mining	0	0	0	0	0
118	18.7	JPB mining areas	None (within 0m)				
118	18.8	The Coal Authority non-coal mining	0	0	0	0	-
119	18.9	Researched mining	0	0	0	0	-
119	18.10	Mining record office plans	0	0	0	0	-
119	18.11	BGS mine plans	0	0	0	0	-
119 >	18.12 >	Coal mining >	Identified (within 0m)				
120	18.13	Brine areas	None (within 0m)				
120	18.14	Gypsum areas	None (within 0m)				
120	18.15	Tin mining	None (within 0m)				
120	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
121	19.1	Natural cavities	0	0	0	0	-
121	19.2	Mining cavities	0	0	0	0	0
121	19.3	Reported recent incidents	0	0	0	0	-
121	19.4	Historical incidents	0	0	0	0	-
122	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
123 >	20.1 >	Radon >	Between 10% and 30% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
125 >	21.1 >	BGS Estimated Background Soil Chemistry >	37	2	-	-	-
127	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
127	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
128	22.1	Underground railways (London)	0	0	0	-	-
128	22.2	Underground railways (Non-London)	0	0	0	-	-
129	22.3	Railway tunnels	0	0	0	-	-
129 >	22.4 >	Historical railway and tunnel features >	5	2	1	-	-
129	22.5	Royal Mail tunnels	0	0	0	-	-

130	22.6	Historical railways	0	0	0	-	-
130	22.7	Railways	0	0	0	-	-
130	22.8	Crossrail 1	0	0	0	0	-
130	22.9	Crossrail 2	0	0	0	0	-
130	22.10	HS2	0	0	0	0	-



Recent aerial photograph



Capture Date: 14/04/2020

Site Area: 43.8ha



Recent site history - 2017 aerial photograph



Capture Date: 17/06/2017

Site Area: 43.8ha



Recent site history - 2010 aerial photograph



Capture Date: 23/05/2010

Site Area: 43.8ha



Recent site history - 2009 aerial photograph



Capture Date: 12/10/2009

Site Area: 43.8ha



Recent site history - 2000 aerial photograph

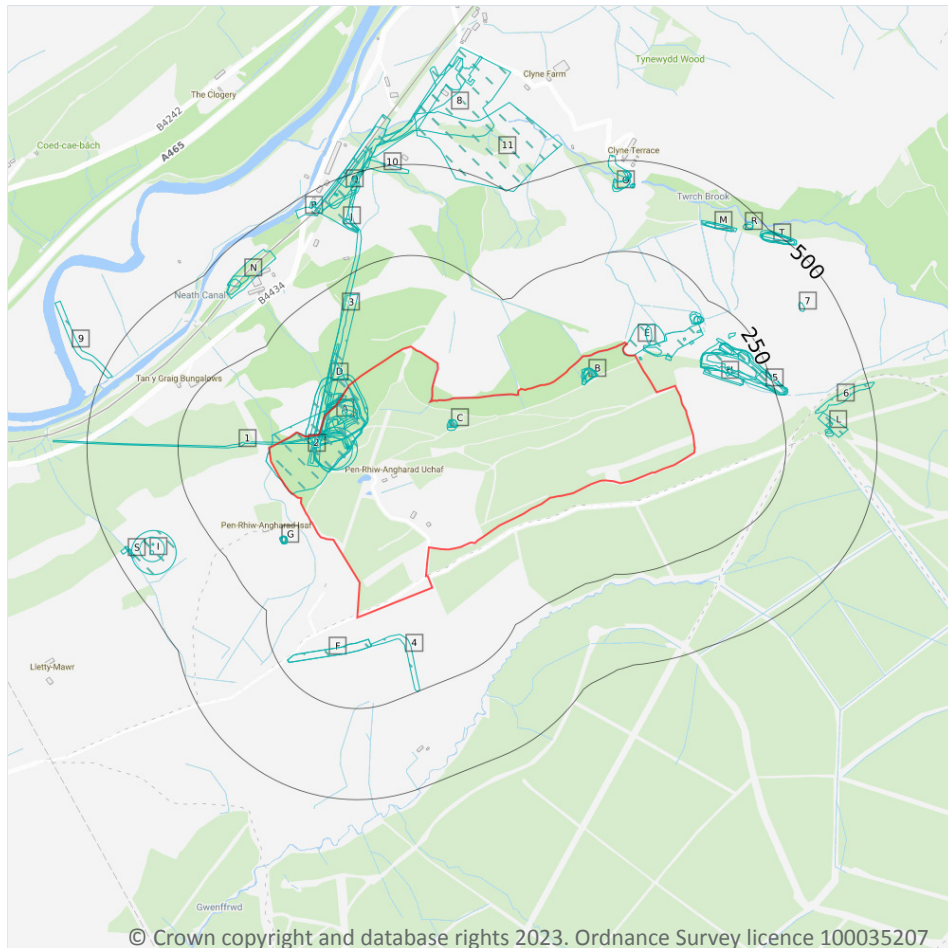


Capture Date: 18/06/2000

Site Area: 43.8ha



1 Past land use



— Site Outline
Search buffers in metres (m)
■ Historical industrial land uses

1.1 Historical industrial land uses

Records within 500m

118

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 14 >](#)

ID	Location	Land use	Dates present	Group ID
1	On site	Tunnel	1877	337373



ID	Location	Land use	Dates present	Group ID
2	On site	Colliery	1921	379536
3	On site	Tramway Sidings	1921	2367883
A	On site	Unspecified Heaps	1970	322293
A	On site	Unspecified Mine	1962	322706
A	On site	Tram Sidings	1921	322781
A	On site	Gravel Pit	1962	328665
A	On site	Gravel Pit	1962	328666
A	On site	Unspecified Pit	1877	335679
A	On site	Railway Sidings	1921	337557
A	On site	Refuse Heap	1948	338812
A	On site	Unspecified Disused Tip	1982 - 1991	349556
A	On site	Unspecified Level	1921	357420
A	On site	Refuse Heap	1921 - 1948	358981
A	On site	Unspecified Level	1921	359049
A	On site	Unspecified Heap	1877 - 1897	359764
A	On site	Unspecified Level	1921 - 1948	360338
A	On site	Unspecified Level	1962	362211
A	On site	Unspecified Disused Mine	1982 - 1991	362267
A	On site	Colliery	1948	370357
A	On site	Unspecified Disused Mine	1970	371193
A	On site	Colliery	1921	379345
B	On site	Unspecified Heaps	1877	322296
B	On site	Unspecified Heap	1897	327290
B	On site	Old Coal Level	1921	340266
B	On site	Unspecified Disused Level	1964 - 1988	358493
B	On site	Old Coal Level	1921	369973
B	On site	Old Coal Level	1948	379640
C	On site	Old Coal Level	1948	343873



ID	Location	Land use	Dates present	Group ID
C	On site	Unspecified Heap	1964 - 1988	355716
C	On site	Old Coal Level	1921	356964
C	On site	Old Coal Level	1921	372030
D	On site	Tramway Sidings	1921	376578
E	On site	Unspecified Heap	1964 - 1988	377671
A	2m NW	Unspecified Pit	1982 - 1991	351177
A	2m NW	Unspecified Pit	1970	369687
E	7m NE	Engine House	1877	320397
D	13m W	Unspecified Ground Workings	1948	333711
E	26m NE	Tramway Sidings	1877	324144
E	31m NE	Unspecified Pit	1877	336041
E	49m NE	Refuse Heap	1948	338813
F	66m SW	Unspecified Heaps	1982	357564
F	66m SW	Unspecified Heaps	1970	374563
E	69m NE	Engine House	1877	320396
G	79m SW	Unspecified Heap	1921	359773
G	79m SW	Unspecified Heap	1948 - 1962	364706
4	80m SW	Unspecified Heaps	1964 - 1988	342769
G	80m SW	Unspecified Pit	1877	335678
G	84m SW	Unspecified Heap	1921	355680
H	84m E	Cuttings	1921 - 1948	353081
H	86m E	Unspecified Ground Workings	1964 - 1988	377795
H	89m E	Unspecified Ground Workings	1921	358303
H	89m E	Old Coal Level	1948	348282
H	90m E	Cuttings	1921	343037
H	94m E	Unspecified Ground Workings	1897	340344
H	111m NE	Unspecified Ground Workings	1921	344448
E	121m NE	Old Coal Level	1921	361210



ID	Location	Land use	Dates present	Group ID
E	126m NE	Railway Building	1877	323662
H	156m NE	Unspecified Heap	1921	327291
E	158m NE	Railway Building	1877	323663
H	163m NE	Old Coal Level	1921	375504
E	176m NE	Old Coal Level	1897 - 1921	370412
E	177m NE	Unspecified Heap	1964 - 1988	356324
E	178m NE	Unspecified Heap	1948	353381
E	181m NE	Unspecified Heap	1921	364610
E	185m NE	Unspecified Heap	1877	356539
H	189m E	Unspecified Heap	1921	327292
H	197m NE	Unspecified Ground Workings	1877	333710
5	212m E	Unspecified Ground Workings	1921	370247
6	341m E	Unspecified Pits	1964 - 1988	369358
I	341m W	Unspecified Old Level	1962	331507
J	344m NW	Unspecified Ground Workings	1948	267318
K	344m NW	Tramway Sidings	1897	285091
L	346m E	Tramway Sidings	1877	324141
J	347m NW	Unspecified Heap	1921	260175
L	360m E	Unspecified Pit	1964 - 1988	340299
L	361m E	Unspecified Old Quarry	1897	330437
L	366m E	Railway Buildings	1877	319119
I	368m W	Old Coal Level	1948	349340
M	387m NE	Unspecified Pit	1921	268516
M	391m NE	Unspecified Ground Workings	1948	267320
I	391m W	Old Coal Level	1921	363250
N	391m NW	Cuttings	1877 - 1982	2366123
M	392m NE	Cuttings	1877	269062
7	401m NE	Unspecified Pit	1964 - 1988	374701



ID	Location	Land use	Dates present	Group ID
I	402m W	Old Coal Level	1921	360245
N	403m NW	Cuttings	1991	2368273
N	403m NW	Cuttings	1962	343837
O	415m NE	Old Coal Pit	1921	284381
O	422m NE	Old Coal Pit	1897	276607
O	422m NE	Old Coal Pit	1948	301264
O	424m NE	Unspecified Disused Pit	1965 - 1988	290776
O	427m NE	Old Coal Pit	1921	279457
8	428m NW	Tramway Sidings	1948	296677
P	434m NW	Railway Sidings	1877	277166
Q	435m NW	Railway Sidings	1921	297336
K	440m NW	Railway Sidings	1921	273602
O	442m NE	Unspecified Old Quarry	1921 - 1948	313409
O	450m NE	Unspecified Old Quarry	1921	276238
R	451m NE	Unspecified Old Quarry	1921 - 1948	290762
O	451m NE	Tramway Sidings	1877	256991
S	454m W	Unspecified Pit	1877	335677
S	456m W	Old Coal Level	1897	331340
K	457m NW	Railway Building	1921	256722
P	459m NW	Railway Building	1877	256708
R	460m NE	Unspecified Old Quarry	1921	294313
K	461m NW	Railway Building	1921	256709
S	464m W	Unspecified Disused Level	1982 - 1991	342330
T	468m NE	Unspecified Heap	1921	299131
T	468m NE	Unspecified Heap	1965 - 1988	290187
Q	468m NW	Railway Sidings	1877	290304
T	469m NE	Unspecified Heap	1948	300587
T	471m NE	Unspecified Heap	1921	316489



ID	Location	Land use	Dates present	Group ID
9	473m W	Unspecified Heap	1982	327282
10	475m N	Tramway Sidings	1877	276891
T	475m NE	Unspecified Ground Workings	1897	267319
11	477m N	Old Colliery	1948	255130
K	480m N	Railway Building	1921 - 1948	273221

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

0

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

0

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.



1.5 Historical garages

Records within 500m

0

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

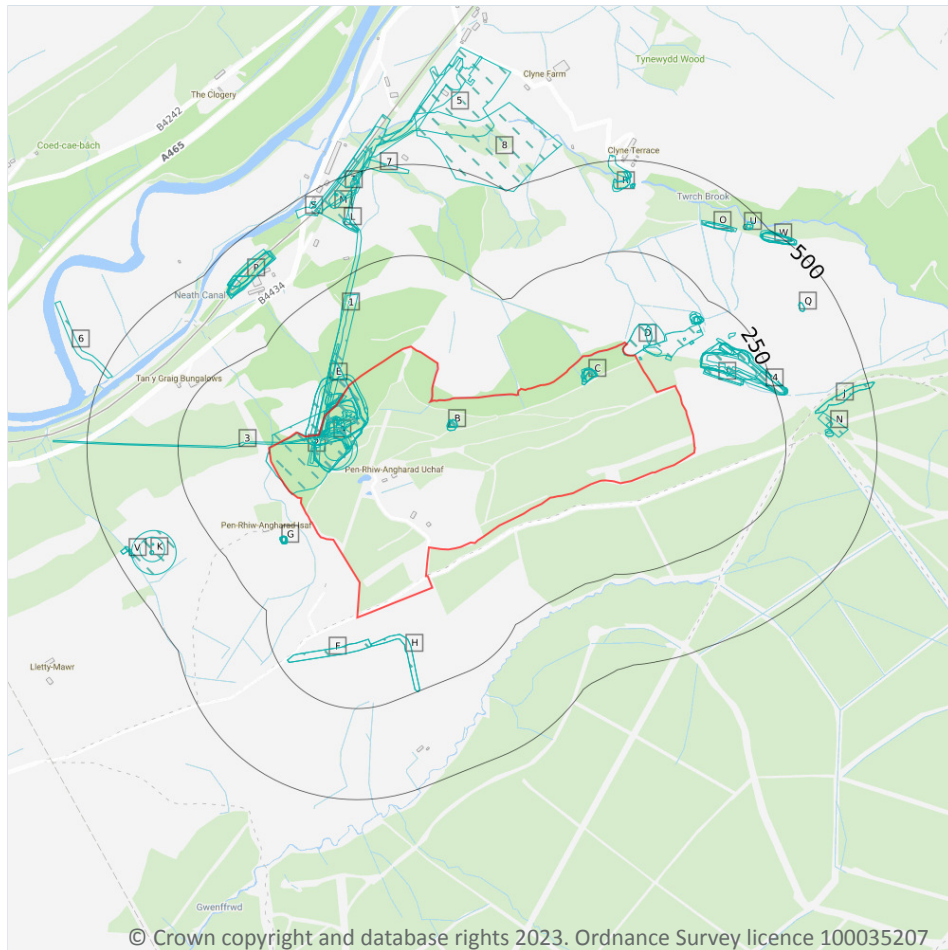
0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.



2 Past land use - un-grouped



— Site Outline
Search buffers in metres (m)
Historical industrial land uses

2.1 Historical industrial land uses

Records within 500m

159

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 21](#) >

ID	Location	Land Use	Date	Group ID
1	On site	Tramway Sidings	1921	2367883
2	On site	Colliery	1921	379536
3	On site	Tunnel	1877	337373



ID	Location	Land Use	Date	Group ID
A	On site	Railway Sidings	1921	337557
A	On site	Refuse Heap	1921	358981
A	On site	Unspecified Heap	1877	359764
A	On site	Unspecified Pit	1877	335679
A	On site	Colliery	1948	370357
A	On site	Refuse Heap	1948	358981
A	On site	Refuse Heap	1948	338812
A	On site	Unspecified Heap	1897	359764
A	On site	Unspecified Disused Mine	1991	362267
A	On site	Unspecified Disused Mine	1982	362267
A	On site	Unspecified Disused Mine	1970	371193
A	On site	Unspecified Mine	1962	322706
A	On site	Unspecified Level	1921	360338
A	On site	Unspecified Level	1962	362211
A	On site	Gravel Pit	1962	328666
A	On site	Gravel Pit	1962	328665
A	On site	Unspecified Disused Tip	1991	349556
A	On site	Unspecified Disused Tip	1982	349556
A	On site	Unspecified Heaps	1970	322293
A	On site	Unspecified Level	1921	357420
A	On site	Tram Sidings	1921	322781
A	On site	Colliery	1921	379345
A	On site	Unspecified Level	1921	359049
A	On site	Colliery	1921	379345
A	On site	Unspecified Level	1948	360338
B	On site	Old Coal Level	1921	356964
B	On site	Old Coal Level	1948	343873
B	On site	Unspecified Heap	1988	355716



ID	Location	Land Use	Date	Group ID
B	On site	Unspecified Heap	1964	355716
B	On site	Old Coal Level	1921	372030
B	On site	Old Coal Level	1921	372030
C	On site	Old Coal Level	1921	340266
C	On site	Unspecified Heaps	1877	322296
C	On site	Old Coal Level	1948	379640
C	On site	Unspecified Heap	1897	327290
C	On site	Unspecified Disused Level	1988	358493
C	On site	Unspecified Disused Level	1964	358493
C	On site	Old Coal Level	1921	369973
C	On site	Old Coal Level	1921	369973
D	On site	Unspecified Heap	1988	377671
D	On site	Unspecified Heap	1964	377671
E	On site	Tramway Sidings	1921	376578
A	2m NW	Unspecified Pit	1991	351177
A	2m NW	Unspecified Pit	1982	351177
A	2m NW	Unspecified Pit	1970	369687
D	7m NE	Engine House	1877	320397
E	13m W	Unspecified Ground Workings	1948	333711
D	26m NE	Tramway Sidings	1877	324144
D	31m NE	Unspecified Pit	1877	336041
D	49m NE	Refuse Heap	1948	338813
F	66m SW	Unspecified Heaps	1982	357564
F	66m SW	Unspecified Heaps	1970	374563
D	69m NE	Engine House	1877	320396
G	79m SW	Unspecified Heap	1921	359773
G	79m SW	Unspecified Heap	1921	359773
G	79m SW	Unspecified Heap	1948	364706



ID	Location	Land Use	Date	Group ID
G	80m SW	Unspecified Pit	1877	335678
H	80m SW	Unspecified Heaps	1988	342769
H	80m SW	Unspecified Heaps	1964	342769
G	81m SW	Unspecified Heap	1962	364706
G	84m SW	Unspecified Heap	1921	355680
I	84m E	Cuttings	1921	353081
I	86m E	Unspecified Ground Workings	1964	377795
I	87m E	Unspecified Ground Workings	1988	377795
I	89m E	Unspecified Ground Workings	1921	358303
I	89m E	Unspecified Ground Workings	1921	358303
I	89m E	Old Coal Level	1948	348282
I	90m E	Cuttings	1948	353081
I	90m E	Cuttings	1921	343037
I	94m E	Unspecified Ground Workings	1897	340344
I	111m NE	Unspecified Ground Workings	1921	344448
D	121m NE	Old Coal Level	1921	361210
D	121m NE	Old Coal Level	1921	361210
D	126m NE	Railway Building	1877	323662
I	156m NE	Unspecified Heap	1921	327291
D	158m NE	Railway Building	1877	323663
I	163m NE	Old Coal Level	1921	375504
I	163m NE	Old Coal Level	1921	375504
D	176m NE	Old Coal Level	1921	370412
D	177m NE	Unspecified Heap	1988	356324
D	177m NE	Unspecified Heap	1964	356324
D	178m NE	Unspecified Heap	1948	353381
D	181m NE	Unspecified Heap	1921	364610
D	181m NE	Unspecified Heap	1921	364610



ID	Location	Land Use	Date	Group ID
D	181m NE	Old Coal Level	1897	370412
D	185m NE	Unspecified Heap	1877	356539
I	189m E	Unspecified Heap	1921	327292
I	197m NE	Unspecified Ground Workings	1877	333710
4	212m E	Unspecified Ground Workings	1921	370247
J	341m E	Unspecified Pits	1988	369358
J	341m E	Unspecified Pits	1964	369358
K	341m W	Unspecified Old Level	1962	331507
L	344m NW	Unspecified Ground Workings	1948	267318
M	344m NW	Tramway Sidings	1897	285091
N	346m E	Tramway Sidings	1877	324141
L	347m NW	Unspecified Heap	1921	260175
N	360m E	Unspecified Pit	1988	340299
N	360m E	Unspecified Pit	1964	340299
N	361m E	Unspecified Old Quarry	1897	330437
N	366m E	Railway Buildings	1877	319119
K	368m W	Old Coal Level	1948	349340
O	387m NE	Unspecified Pit	1921	268516
O	391m NE	Unspecified Ground Workings	1948	267320
K	391m W	Old Coal Level	1921	363250
P	391m NW	Cuttings	1921	2366123
P	392m NW	Cuttings	1948	2366123
O	392m NE	Cuttings	1877	269062
P	393m NW	Cuttings	1877	2366123
P	394m NW	Cuttings	1921	2366123
Q	401m NE	Unspecified Pit	1988	374701
Q	401m NE	Unspecified Pit	1964	374701
K	402m W	Old Coal Level	1921	360245



ID	Location	Land Use	Date	Group ID
K	402m W	Old Coal Level	1921	360245
P	403m NW	Cuttings	1991	2368273
P	403m NW	Cuttings	1982	2366123
P	403m NW	Cuttings	1970	2366123
P	403m NW	Cuttings	1962	343837
P	403m NW	Cuttings	1897	2366123
R	415m NE	Old Coal Pit	1921	284381
R	422m NE	Old Coal Pit	1948	301264
R	422m NE	Old Coal Pit	1897	276607
R	424m NE	Unspecified Disused Pit	1965	290776
R	424m NE	Unspecified Disused Pit	1988	290776
R	427m NE	Old Coal Pit	1921	279457
R	427m NE	Old Coal Pit	1921	279457
S	428m NW	Tramway Sidings	1948	296677
S	434m NW	Railway Sidings	1877	277166
T	435m NW	Railway Sidings	1921	297336
M	440m NW	Railway Sidings	1921	273602
R	442m NE	Unspecified Old Quarry	1921	313409
R	448m NE	Unspecified Old Quarry	1948	313409
R	450m NE	Unspecified Old Quarry	1921	276238
U	451m NE	Unspecified Old Quarry	1921	290762
R	451m NE	Tramway Sidings	1877	256991
V	454m W	Unspecified Pit	1877	335677
V	456m W	Old Coal Level	1897	331340
U	456m NE	Unspecified Old Quarry	1948	290762
M	457m NW	Railway Building	1921	256722
S	459m NW	Railway Building	1877	256708
U	460m NE	Unspecified Old Quarry	1921	294313



ID	Location	Land Use	Date	Group ID
M	461m NW	Railway Building	1921	256709
V	464m W	Unspecified Disused Level	1991	342330
V	464m W	Unspecified Disused Level	1982	342330
W	468m NE	Unspecified Heap	1921	299131
W	468m NE	Unspecified Heap	1965	290187
W	468m NE	Unspecified Heap	1988	290187
T	468m NW	Railway Sidings	1877	290304
W	469m NE	Unspecified Heap	1948	300587
W	471m NE	Unspecified Heap	1921	316489
W	471m NE	Unspecified Heap	1921	316489
6	473m W	Unspecified Heap	1982	327282
7	475m N	Tramway Sidings	1877	276891
W	475m NE	Unspecified Ground Workings	1897	267319
8	477m N	Old Colliery	1948	255130
M	480m N	Railway Building	1948	273221
M	481m N	Railway Building	1921	273221

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

0

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

0

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.



This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

0

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



— Site Outline
Search buffers in metres (m)
● Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m

0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.



3.3 Historical landfill (LA/mapping records)

Records within 500m**0**

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m**0**

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m**0**

Waste site records derived from Local Authority planning records and high detail historical mapping.

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m**0**

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m**24**

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on [page 29](#) >

ID	Location	Site	Reference	Category	Sub-Category	Description
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Using waste exemption	On a farm	Incorporation of ash into soil
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Storing waste exemption	Waste Exemption - Agricultural and Non-Agricultural	Storage of waste in a secure place
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Using waste exemption	On a farm	Use of waste for a specified purpose
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Treating waste exemption	On a farm	Recovery of scrap metal
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Treating waste exemption	Not on a farm	Manual treatment of waste
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Treating waste exemption	On a farm	Treatment of waste aerosol cans
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Using waste exemption	Waste Exemption - Agricultural and Non-Agricultural	Use of waste in construction
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Using waste exemption	On a farm	Use of baled end-of-life tyres in construction

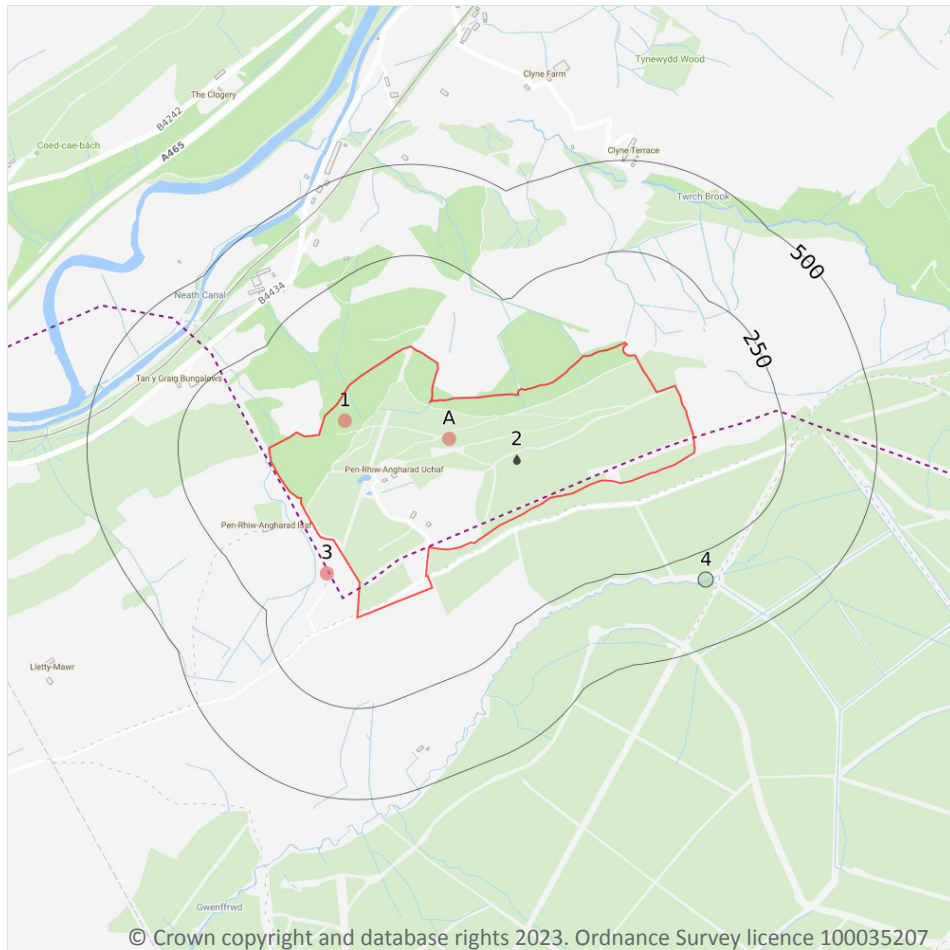


ID	Location	Site	Reference	Category	Sub-Category	Description
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Treating waste exemption	On a farm	Treatment of sheep dip for disposal
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Treating waste exemption	On a farm	Treatment of non-hazardous pesticide washings by carbon filtration for disposal
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Storing waste exemption	On a farm	Storage of waste in secure containers
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Treating waste exemption	On a farm	Screening and blending of waste
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Treating waste exemption	On a farm	Sorting mixed waste
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Disposing of waste exemption	On a farm	Burning waste in the open
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Disposing of waste exemption	On a farm	Disposal by incineration
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	365m NW	Ynysnedd Farm, New Road, Clyne, Castell-Nedd, SA114ET	NRW-WME014885	Using waste exemption	On a farm	Use of mulch

This data is sourced from the Environment Agency and Natural Resources Wales.



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- Gas pipelines
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

3

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 33](#) >

ID	Location	Company	Address	Activity	Category
1	On site	Mine (Disused)	West Glamorgan, SA11	Unspecified Quarries Or Mines	Extractive Industries
A	On site	Workings (Dis)	West Glamorgan, SA11	Unspecified Quarries Or Mines	Extractive Industries



ID	Location	Company	Address	Activity	Category
3	63m SW	Gas Distribution Station	West Glamorgan, SA11	Gas Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	0
----------------------------	----------

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0
----------------------------	----------

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	1
----------------------------	----------

High pressure underground gas transmission pipelines.

Features are displayed on the Current industrial land use map on [page 33](#) >

ID	Location	Pipe Name	Details	
A	On site	DOWLAIS TO DYFFRYN CLYDACH	Pipe Number: - Pipeline Safety Regulations Number: - Ownership: National Grid Maximum Operating Pressure (Bar): -	Pipeline Diameter (mm): 600 Wall Thickness (mm): - Year of commission: Not specified Abandonment Status: Not abandoned

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0
----------------------------	----------

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.



4.6 Control of Major Accident Hazards (COMAH)

Records within 500m**0**

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m**0**

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m**0**

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m**0**

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m**0**

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.



4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m**0**

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m**0**

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m**1**

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on [page 33](#) >

ID	Location	Address	Details	
2	On site	ESTATES FARM, FAIRYLAND ROAD, TONNA, NEATH, SA11 3QE	Effluent Type: UNSPECIFIED Permit Number: BP0005201 Permit Version: 1 Receiving Water: TO LAND	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 25/11/1985 Effective Date: 25/11/1985 Revocation Date: 31/10/1996

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m**0**

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.



4.15 Pollutant release to public sewer

Records within 500m	0
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Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m	0
---------------------	---

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m	0
---------------------	---

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m	1
---------------------	---

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on [page 33 >](#)

ID	Location	Details	
4	326m SE	Incident Date: 24/03/2003 Incident Identification: 145553 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m**0**

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m**0**

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

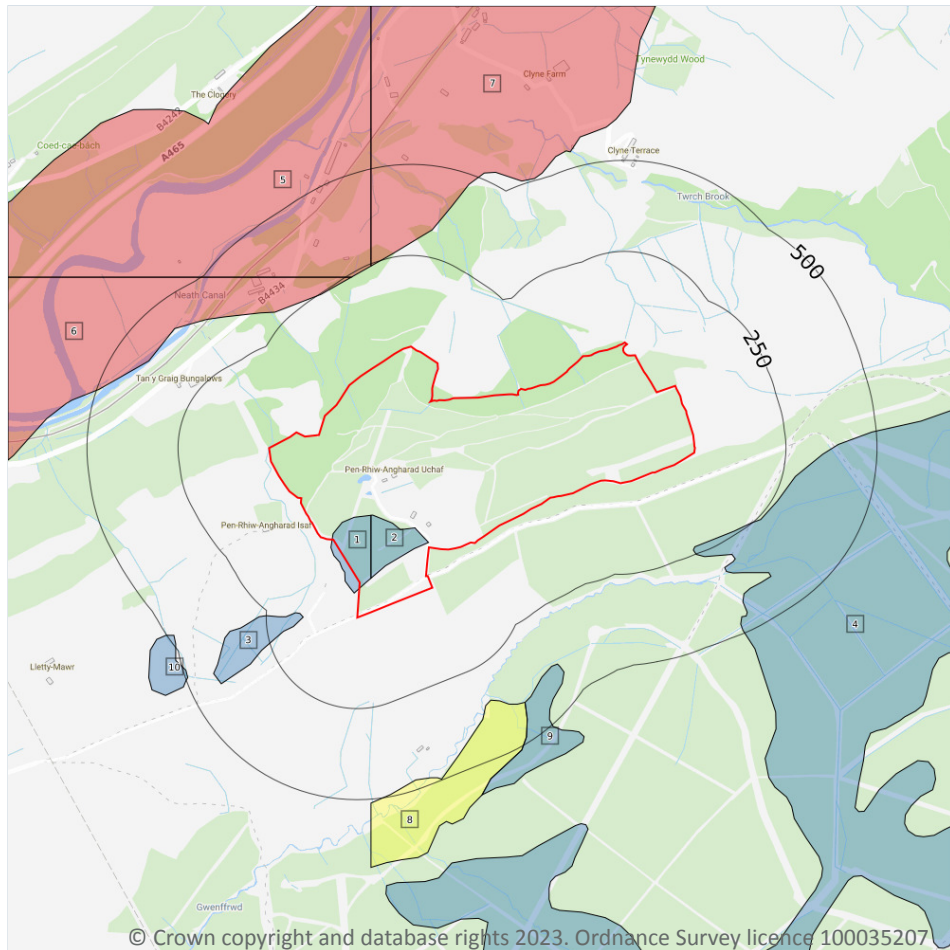
4.21 Pollution inventory radioactive waste

Records within 500m**0**

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

5 Hydrogeology - Superficial aquifer



- Site Outline**
- Search buffers in metres (m)**
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive
 - Unknown

5.1 Superficial aquifer

Records within 500m

10

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 39 >](#)

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
3	149m SW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

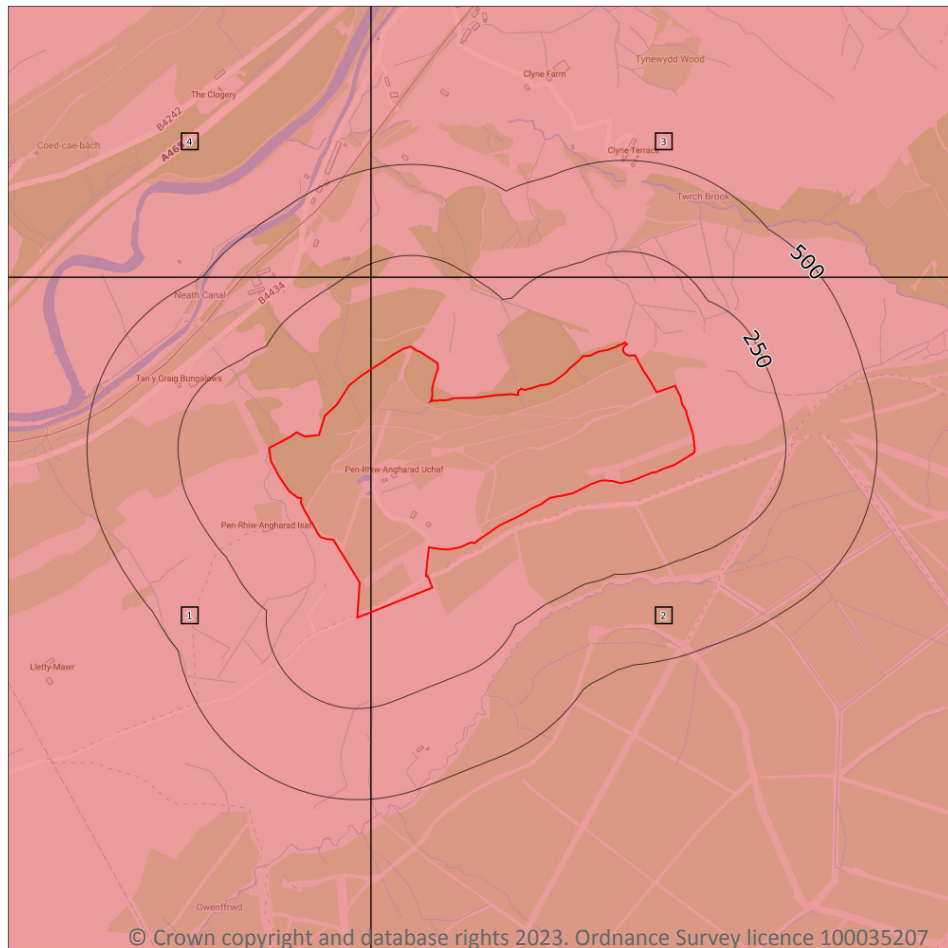


ID	Location	Designation	Description
4	229m E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
5	241m NW	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
6	242m NW	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
7	244m NW	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
8	348m S	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
9	388m S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
10	484m SW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Bedrock aquifer



- Site Outline**
- Search buffers in metres (m)**
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

5.2 Bedrock aquifer

Records within 500m

4

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 41](#) >

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

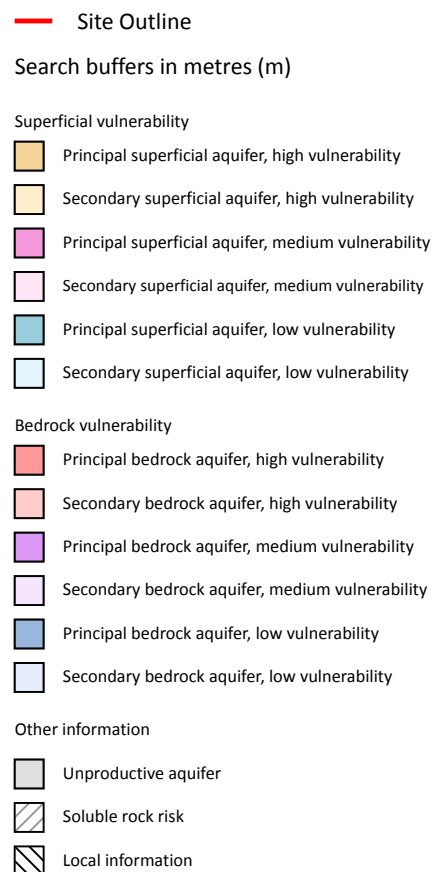
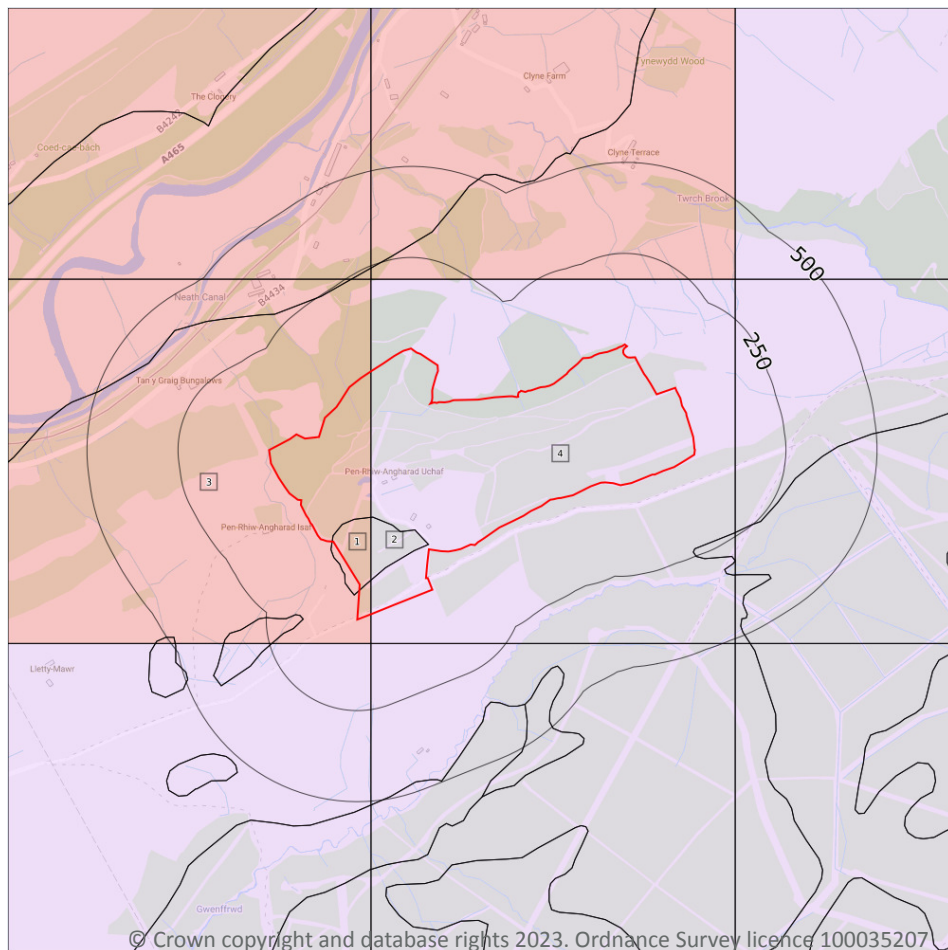


ID	Location	Designation	Description
3	179m NE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	216m NW	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

4

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on [page 43](#) >



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: 40-70% Dilution value: >550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
3	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: 40-70% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
4	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

5.5 Groundwater vulnerability- local information

Records on site

0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.



This data is sourced from the British Geological Survey and the Environment Agency.



Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

4

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on [page 46 >](#)



ID	Location	Details	
-	1722m S	Status: Active Licence No: WA/058/0061/0058 Details: Pollution Remediation - Very Low Direct Source: Brithdir Member Aquifer Point: - Data Type: Point Name: - Easting: 279964 Northing: 197343	Annual Volume (m ³): 0 Max Daily Volume (m ³): - Original Application No: - Original Start Date: 02/06/2021 Expiry Date: 31/03/2029 Issue No: - Version Start Date: - Version End Date: -
-	1836m S	Status: Active Licence No: WA/058/0061/0058 Details: Pollution Remediation - Very Low Direct Source: Brithdir Member Aquifer Point: - Data Type: Point Name: - Easting: 280027 Northing: 197230	Annual Volume (m ³): 0 Max Daily Volume (m ³): - Original Application No: - Original Start Date: 02/06/2021 Expiry Date: 31/03/2029 Issue No: - Version Start Date: - Version End Date: -
-	1939m N	Status: Active Licence No: WA/058/0072/001 Details: Pollution Remediation - Very Low Direct Source: Groundwater - Coal Measures Point: - Data Type: Point Name: - Easting: 280856 Northing: 201754	Annual Volume (m ³): 0 Max Daily Volume (m ³): - Original Application No: - Original Start Date: 19/04/2017 Expiry Date: 31/03/2029 Issue No: - Version Start Date: - Version End Date: -
-	1939m N	Status: Historical Licence No: WA/058/0072/001 Details: Pollution Remediation Direct Source: EAW Groundwater Point: MINE ADIT AT YNYSARWED Data Type: Point Name: The Coal Authority Easting: 280856 Northing: 201754	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/11/2009 Expiry Date: 31/03/2017 Issue No: 1 Version Start Date: 04/11/2009 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m

0

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.



5.8 Potable abstractions

Records within 2000m

0

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m

0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.10 Source Protection Zones (confined aquifer)

Records within 500m

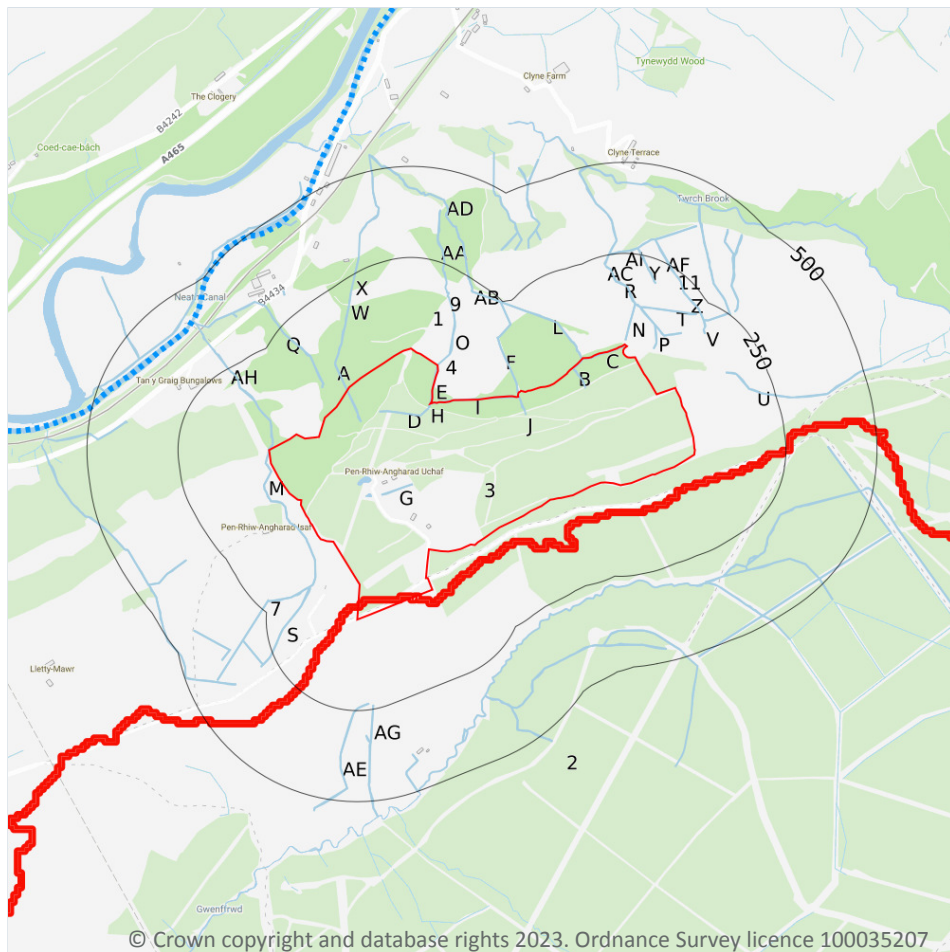
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Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.



6 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ⋯ WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m

52

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on [page 49 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
C	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
H	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
L	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
4	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
M	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	11m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	44m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	56m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	61m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	96m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	96m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	110m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	110m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	114m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
7	119m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
S	119m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	123m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
T	125m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
9	142m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	143m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	168m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	178m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
W	183m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
V	185m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
X	187m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	187m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	201m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	201m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
AA	213m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	220m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AB	220m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AC	221m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AC	225m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AD	228m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AE	233m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
11	236m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AF	237m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AG	238m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	240m W	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
AI	249m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.



6.2 Surface water features

Records within 250m

29

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on [page 49 >](#)

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

2

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on [page 49 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River WB catchment	Neath - conf with Nedd Fechan and Mellte to TL	GB110058032430	Neath	Tawe to Cadoxton
2	On site	River WB catchment	Pelenna - headwaters to confluence with Afan	GB110058026140	Afan	Tawe to Cadoxton

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified

2

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site.

Features are displayed on the Hydrology map on [page 49 >](#)



ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	549m W	River	Neath - conf with Nedd Fechan and Mellte to TL	GB110058032430	Good	Good	Good	2016
-	1007m SW	River	Pelenna - headwaters to confluence with Afan	GB110058026140	Poor	Good	Poor	2016

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site	1
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Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place.

Features are displayed on the Hydrology map on [page 49 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
3	On site	Swansea Carboniferous Coal Measures	GB41002G201000	Poor	Poor	Good	2017

This data is sourced from the Environment Agency and Natural Resources Wales.



7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m

0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m

0

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m

0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.



7.4 Areas Benefiting from Flood Defences

Records within 250m

0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

Records within 250m

0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.7 Flood Zone 3

Records within 50m

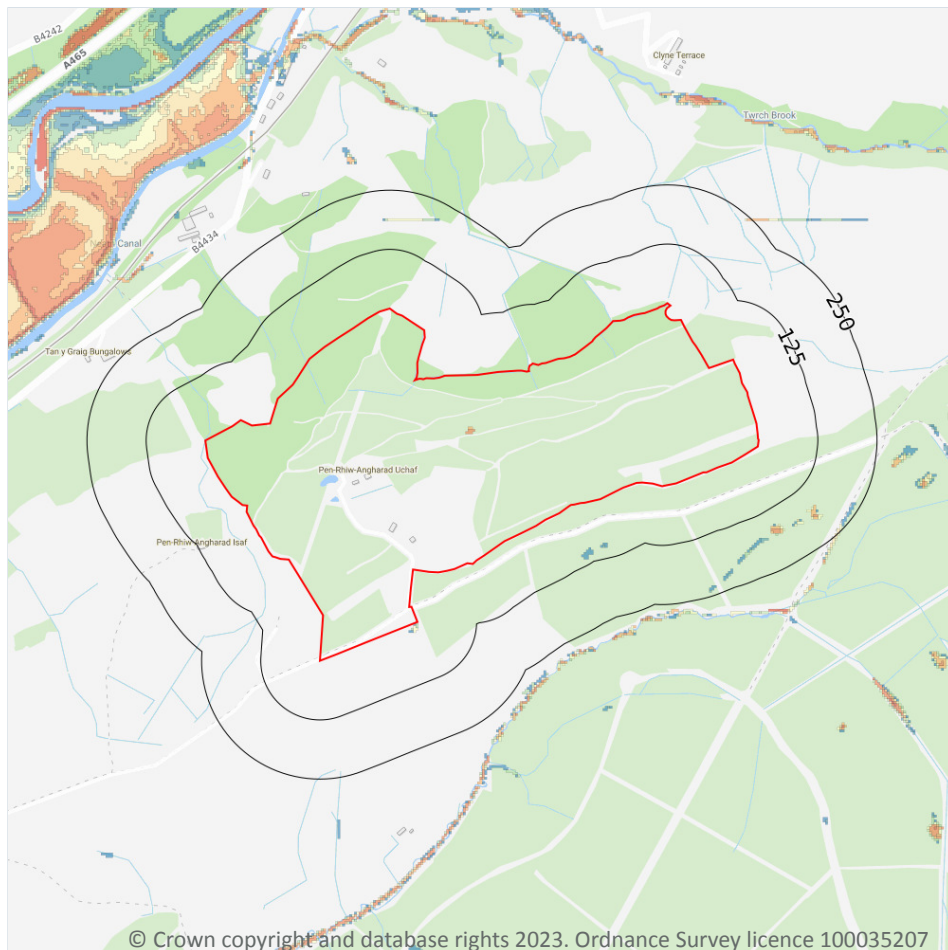
0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.



8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.3m - 1.0m

Highest risk within 50m

1 in 30 year, 0.3m - 1.0m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on [page 59 >](#)

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.



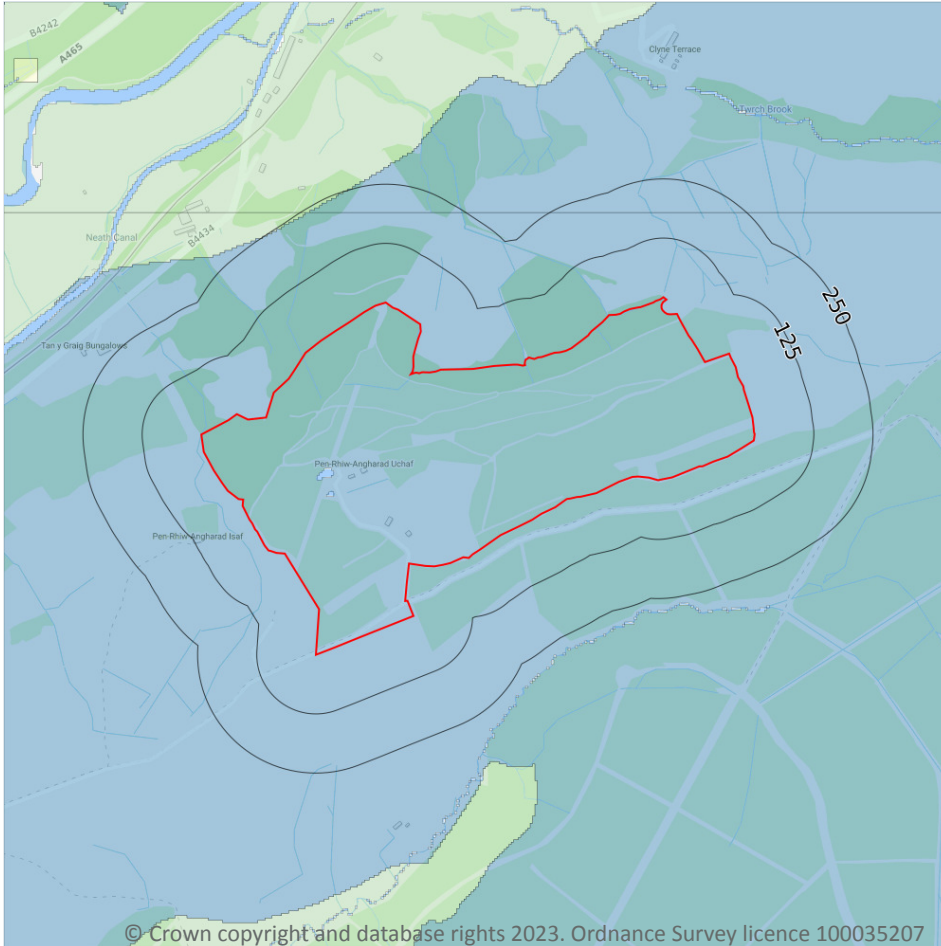
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Between 0.3m and 1.0m
1 in 250 year	Between 0.3m and 1.0m
1 in 100 year	Between 0.3m and 1.0m
1 in 30 year	Between 0.3m and 1.0m

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

9.1 Groundwater flooding

Highest risk on site

Negligible

Highest risk within 50m

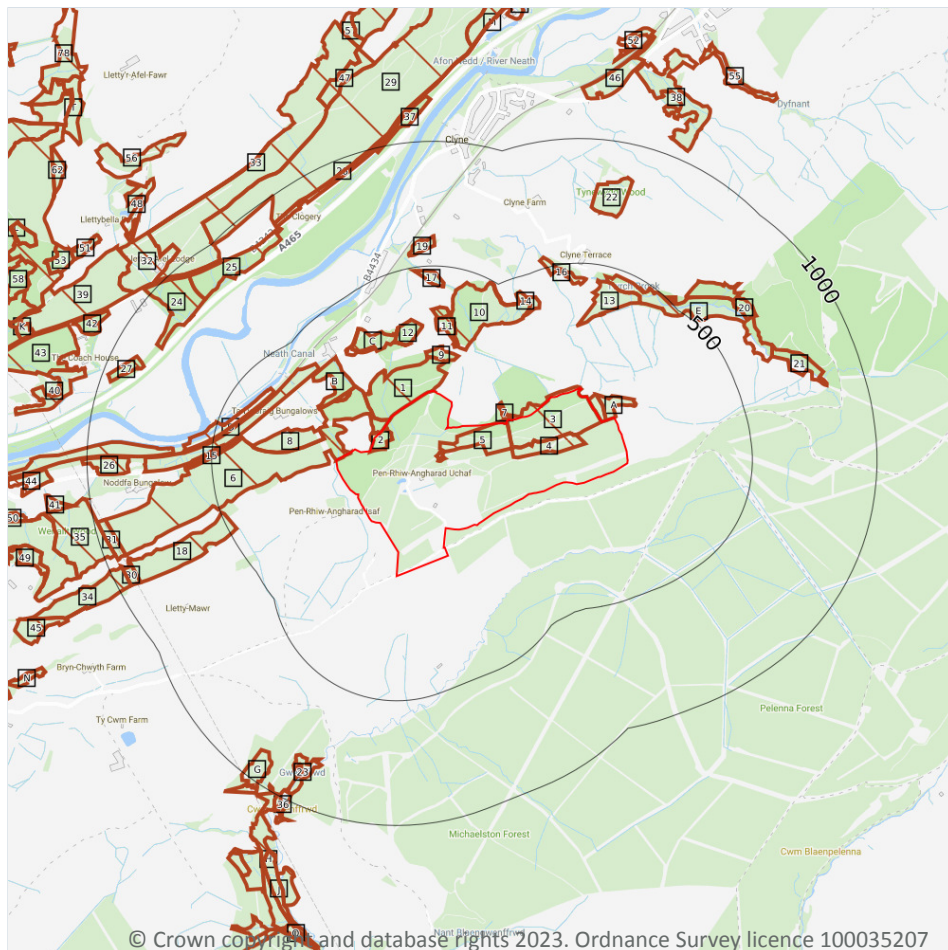
Negligible

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on [page 61](#) >

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m**0**

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m**0**

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m

0

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m

138

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

Features are displayed on the Environmental designations map on [page 62 >](#)

ID	Location	Name	Woodland Type
1	On site	Unknown	Ancient Semi Natural Woodland
2	On site	Unknown	Plantation on Ancient Woodland Site
3	On site	Unknown	Plantation on Ancient Woodland Site
4	On site	Unknown	Plantation on Ancient Woodland Site
5	On site	Unknown	Plantation on Ancient Woodland Site
6	On site	Unknown	Restored Ancient Woodland Site
A	On site	Unknown	Ancient Semi Natural Woodland
A	On site	Unknown	Ancient Semi Natural Woodland
7	4m NE	Unknown	Plantation on Ancient Woodland Site
8	99m W	Unknown	Restored Ancient Woodland Site
9	126m N	Unknown	Ancient Semi Natural Woodland
B	189m NW	Unknown	Plantation on Ancient Woodland Site
B	189m NW	Unknown	Plantation on Ancient Woodland Site
10	194m N	Unknown	Ancient Semi Natural Woodland
11	208m N	Unknown	Restored Ancient Woodland Site
12	208m NW	Unknown	Ancient Semi Natural Woodland



ID	Location	Name	Woodland Type
C	209m NW	Unknown	Ancient Semi Natural Woodland
13	250m NE	Unknown	Ancient Semi Natural Woodland
C	262m NW	Unknown	Ancient Semi Natural Woodland
D	324m W	Unknown	Restored Ancient Woodland Site
14	345m N	Unknown	Ancient Semi Natural Woodland
D	369m W	Unknown	Ancient Semi Natural Woodland
15	388m W	Unknown	Restored Ancient Woodland Site
16	415m NE	Unknown	Ancient Semi Natural Woodland
E	417m NE	Unknown	Ancient Semi Natural Woodland
17	419m N	Unknown	Ancient Semi Natural Woodland
18	469m W	Unknown	Restored Ancient Woodland Site
19	549m N	Unknown	Ancient Semi Natural Woodland
E	559m NE	Unknown	Ancient Semi Natural Woodland
F	653m W	Unknown	Restored Ancient Woodland Site
20	655m NE	Unknown	Plantation on Ancient Woodland Site
21	676m E	Unknown	Plantation on Ancient Woodland Site
22	701m NE	Unknown	Ancient Semi Natural Woodland
23	796m SW	Unknown	Plantation on Ancient Woodland Site
24	815m NW	Unknown	Plantation on Ancient Woodland Site
25	816m NW	Unknown	Restored Ancient Woodland Site
26	831m W	Unknown	Restored Ancient Woodland Site
27	858m W	Unknown	Restored Ancient Woodland Site
G	872m SW	Unknown	Plantation on Ancient Woodland Site
28	886m NW	Unknown	Plantation on Ancient Woodland Site
29	903m NW	Unknown	Plantation on Ancient Woodland Site
30	910m W	Unknown	Ancient Semi Natural Woodland
31	916m W	Unknown	Ancient Semi Natural Woodland
32	925m NW	Unknown	Restored Ancient Woodland Site



ID	Location	Name	Woodland Type
33	928m NW	Unknown	Restored Ancient Woodland Site
34	949m W	Unknown	Ancient Semi Natural Woodland
35	956m W	Unknown	Ancient Semi Natural Woodland
36	956m SW	Unknown	Plantation on Ancient Woodland Site
H	980m SW	Unknown	Plantation on Ancient Woodland Site
37	981m N	Unknown	Restored Ancient Woodland Site
G	1017m SW	Unknown	Plantation on Ancient Woodland Site
38	1044m NE	Unknown	Restored Ancient Woodland Site
39	1055m NW	Unknown	Plantation on Ancient Woodland Site
40	1060m W	Unknown	Ancient Semi Natural Woodland
41	1074m W	Unknown	Plantation on Ancient Woodland Site
42	1080m W	Unknown	Ancient Semi Natural Woodland
43	1099m W	Unknown	Restored Ancient Woodland Site
I	1122m W	Unknown	Restored Ancient Woodland Site
44	1143m W	Unknown	Restored Ancient Woodland Site
45	1147m W	Unknown	Restored Ancient Woodland Site
46	1161m N	Unknown	Ancient Semi Natural Woodland
47	1210m N	Unknown	Ancient Woodland Site of Unknown Category
J	1212m SW	Unknown	Plantation on Ancient Woodland Site
48	1220m NW	Unknown	Ancient Semi Natural Woodland
H	1228m SW	Unknown	Plantation on Ancient Woodland Site
49	1229m W	Unknown	Restored Ancient Woodland Site
50	1235m W	Unknown	Restored Ancient Woodland Site
J	1249m SW	Unknown	Ancient Semi Natural Woodland
H	1278m SW	Unknown	Plantation on Ancient Woodland Site
51	1292m NW	Unknown	Ancient Semi Natural Woodland
K	1314m W	Unknown	Restored Ancient Woodland Site
52	1320m N	Unknown	Ancient Semi Natural Woodland