PLATES

Plate 1: Boulders blocking site entrance
from Cae Rhys Ddu

Plate 2: North-western Margins of Site, looking south-east.
Stockpile of Demolition Rubble in distance.

PROJECT:	PROPOSED RESIDENTIAL DEVELOPMENT FORMER TUDOR INN, CIMLA, NEATH
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Plate 3: Stockpile of Demolition Rubble
(north-western margins)

Plate 4: Stockpile of Demolition Rubble (eastern margins)
Narrow path through to main part of site on right.

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Plate 5: Eastern edge of Stockpile of Demolition Rubble
(looking north)

Plate 6: Eastern edge of Stockpile of Demolition Rubble
(looking south-west)

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Plate 7: Asbestos Cement Sheet within Stockpile of Demolition Rubble (northern margins)

Plate 8: Fragments of Asbestos Cement Sheet on Surface, to east of Stockpile

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Plate 9: Open Grassed Central Area
(looking south-east)

Plate 10: Open Grassed Central Area. Heavily overgrown south-western area on right.
(Looking east)

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Plate 11: Heavily Overgrown South-western Margins
(looking west from above old quarry)

Plate 12: Downslope to Track to South-west
(Alongside Stockpile)

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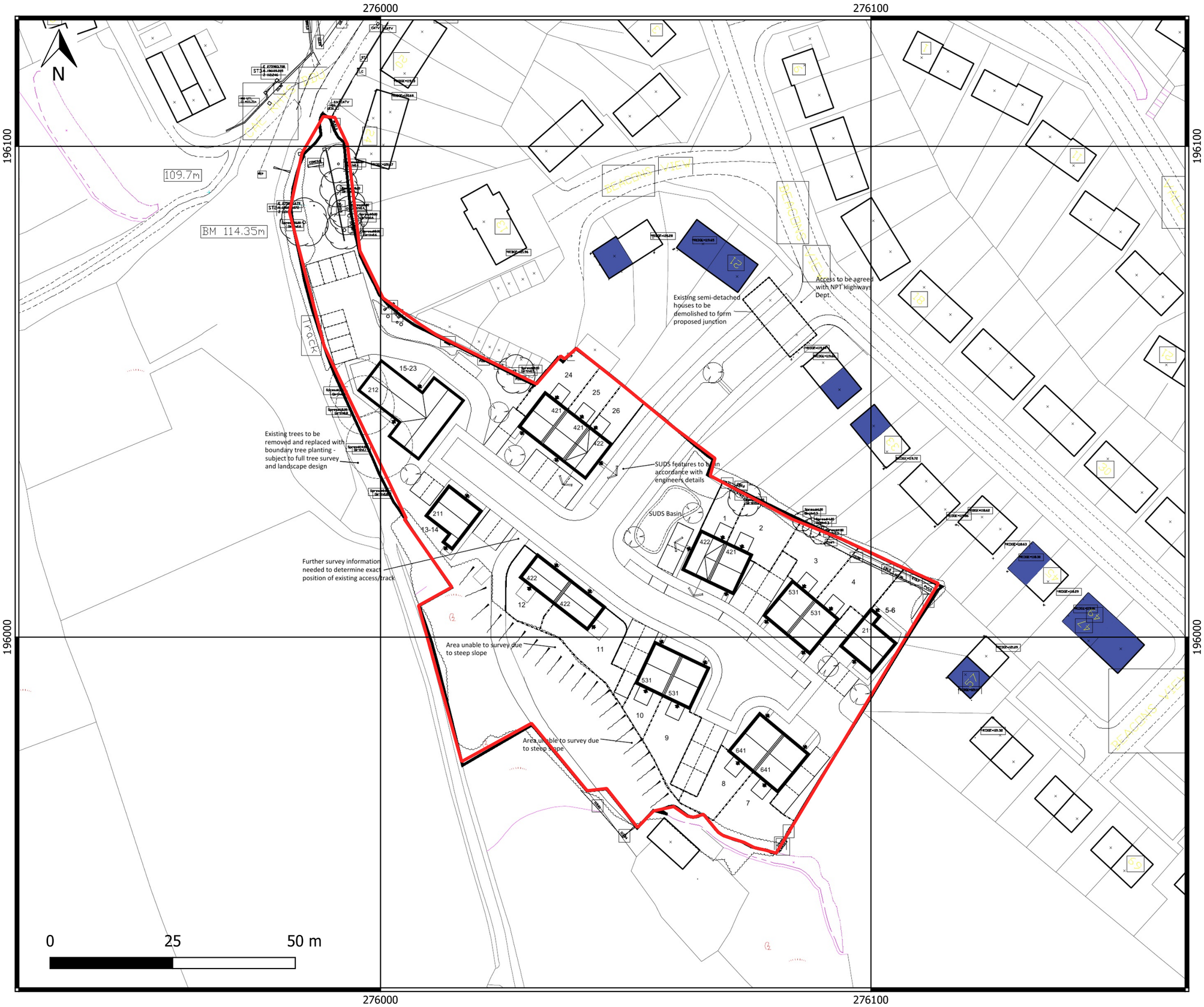
FIGURES



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LEGEND

Site Boundary

PROJECT NAME:	PROPOSED RESIDENTIAL DEVELOPMENT, FORMER TUDOR INN, CIMLA, NEATH
PROJECT REF:	ESP.8398.3830
CLIENT:	TAI TARIAN LTD
FIGURE 1:	PROPOSED DEVELOPMENT LAYOUT
	REV.: *00*
PREPARED: *CD*	DATE: *17/01/2023*
CHECKED: *JPH*	SCALE: *1: 750*

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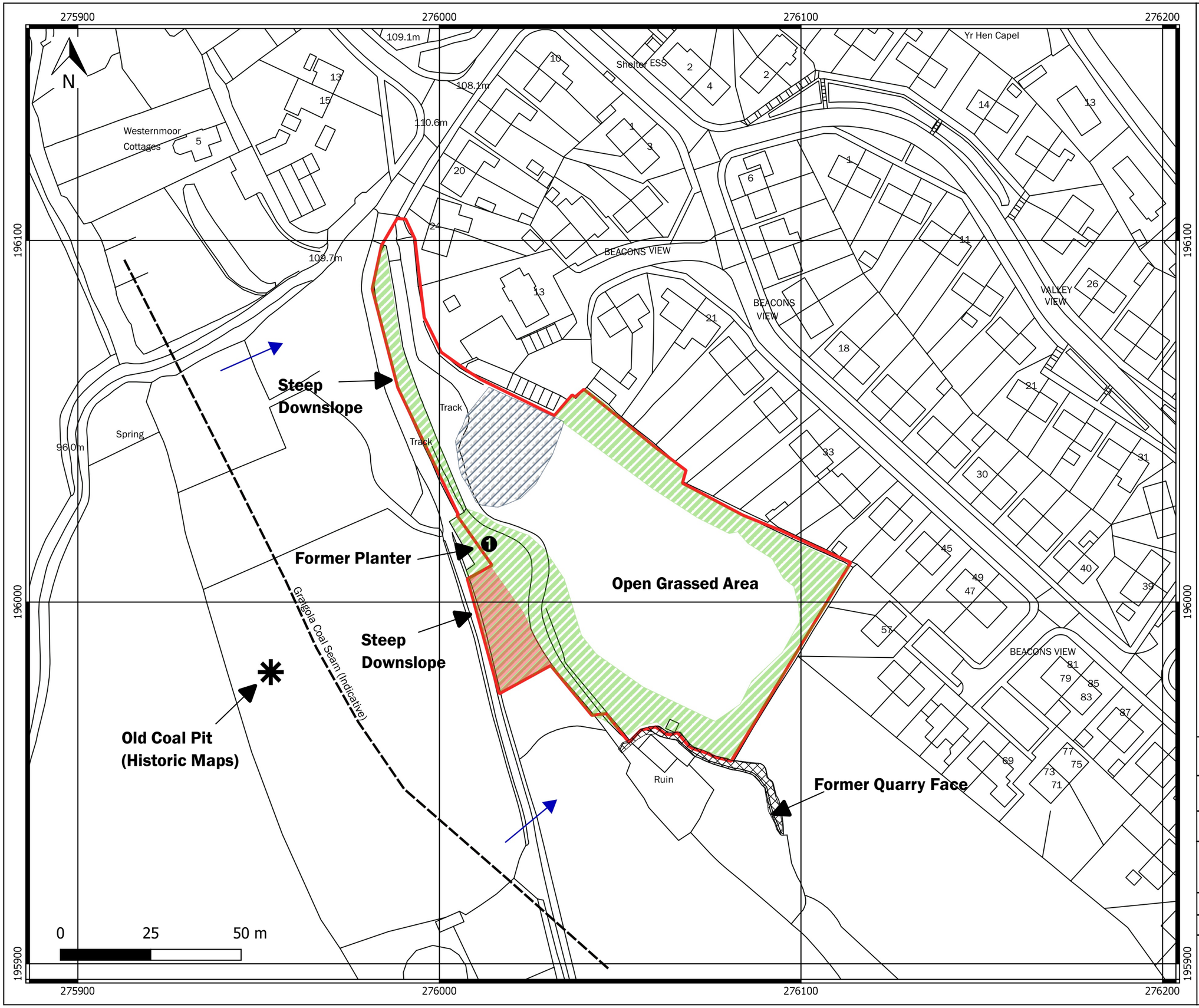

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LEGEND

- Site Boundary
- Demolition Rubble
- Dip of Bedrock Strata
- Former Planter
- Heavily Vegetated Overgrown Area
- Old Coal Pit (Historical Maps)
- Old Quarry (Historical Maps)
- Outcrop of Graigola Coal Seam (Indicative Only)
- Potential Area of End Tipped Materials (Extent to be Confirmed)

PROJECT NAME:	PROPOSED RESIDENTIAL DEVELOPMENT, FORMER TUDOR INN, CIMLA, NEATH
PROJECT REF:	ESP.8398.3830
CLIENT:	TAI TARIAN LTD
FIGURE 2:	SITE PLAN
	REV.: *00*
PREPARED: *CD*	DATE: *17/01/2023*
CHECKED: *JPH*	SCALE: *1: 1000*

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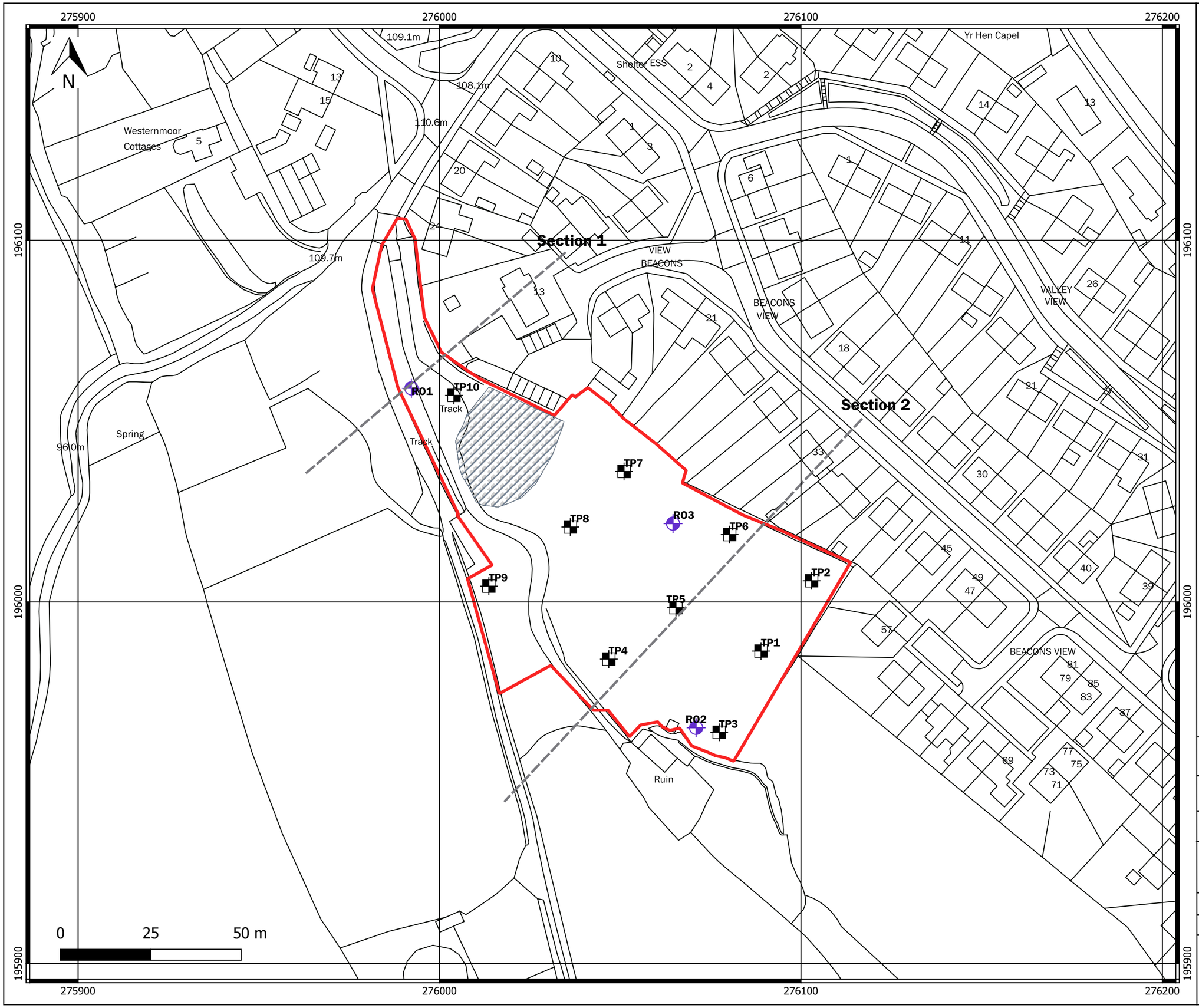

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LEGEND

- Site Boundary
- Rotary Borehole Location (ESP, 2013)
- Trial Pit Location (ESP, 2013)
- Section Lines
- Demolition Rubble

PROJECT NAME:	PROPOSED RESIDENTIAL DEVELOPMENT, FORMER TUDOR INN, CIMLA, NEATH
PROJECT REF:	ESP.8398.3830
CLIENT:	TAI TARIAN LTD
FIGURE 3:	INVESTIGATION POINT PLAN
REV.:	*00*
PREPARED: *CD*	DATE: *10/01/2023*
CHECKED: *JPH*	SCALE: *1: 1000*

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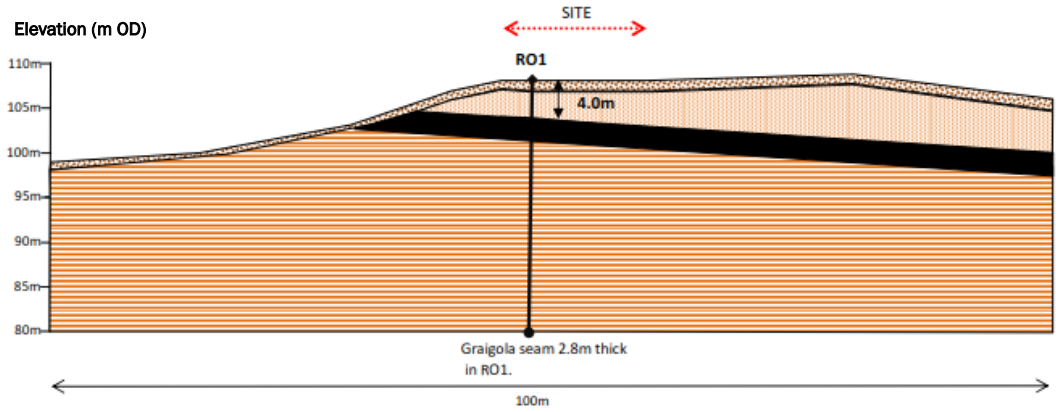
Section 1



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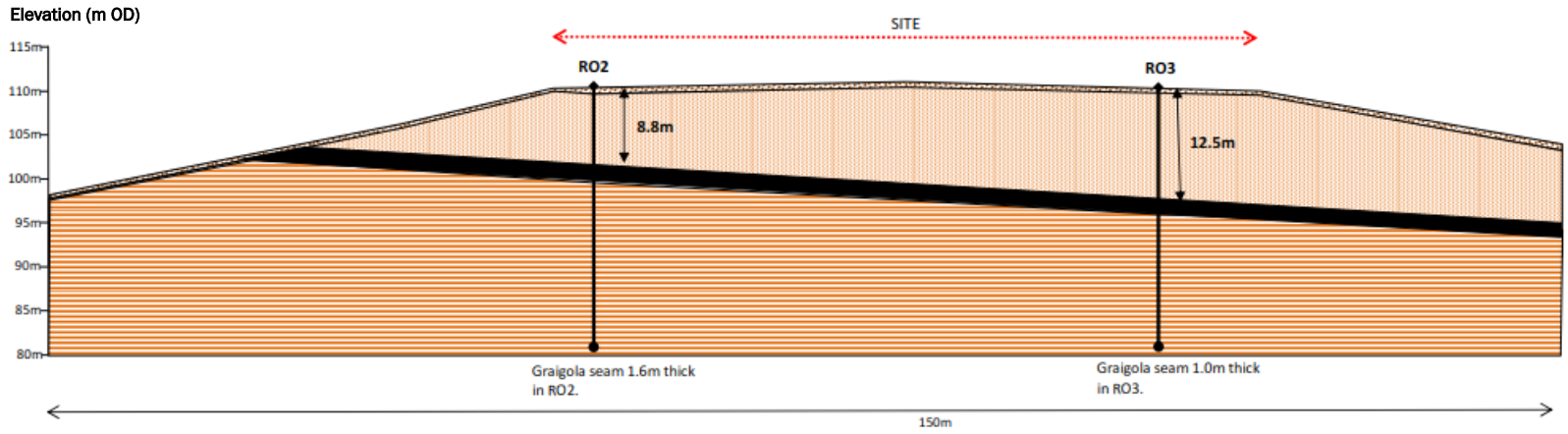

Legend:

- Made Ground/Topsoil
- Sandstone
- Mudstone
- Coal (Probable Graigola seam)

Line of Section shown on Figure 3.

PROJECT:
PROPOSED RESIDENTIAL DEVELOPMENT,
FORMER TUDOR INN, NEATH

SCALE: As shown

FIGURE 4:
CONCEPTUAL GROUND MODEL

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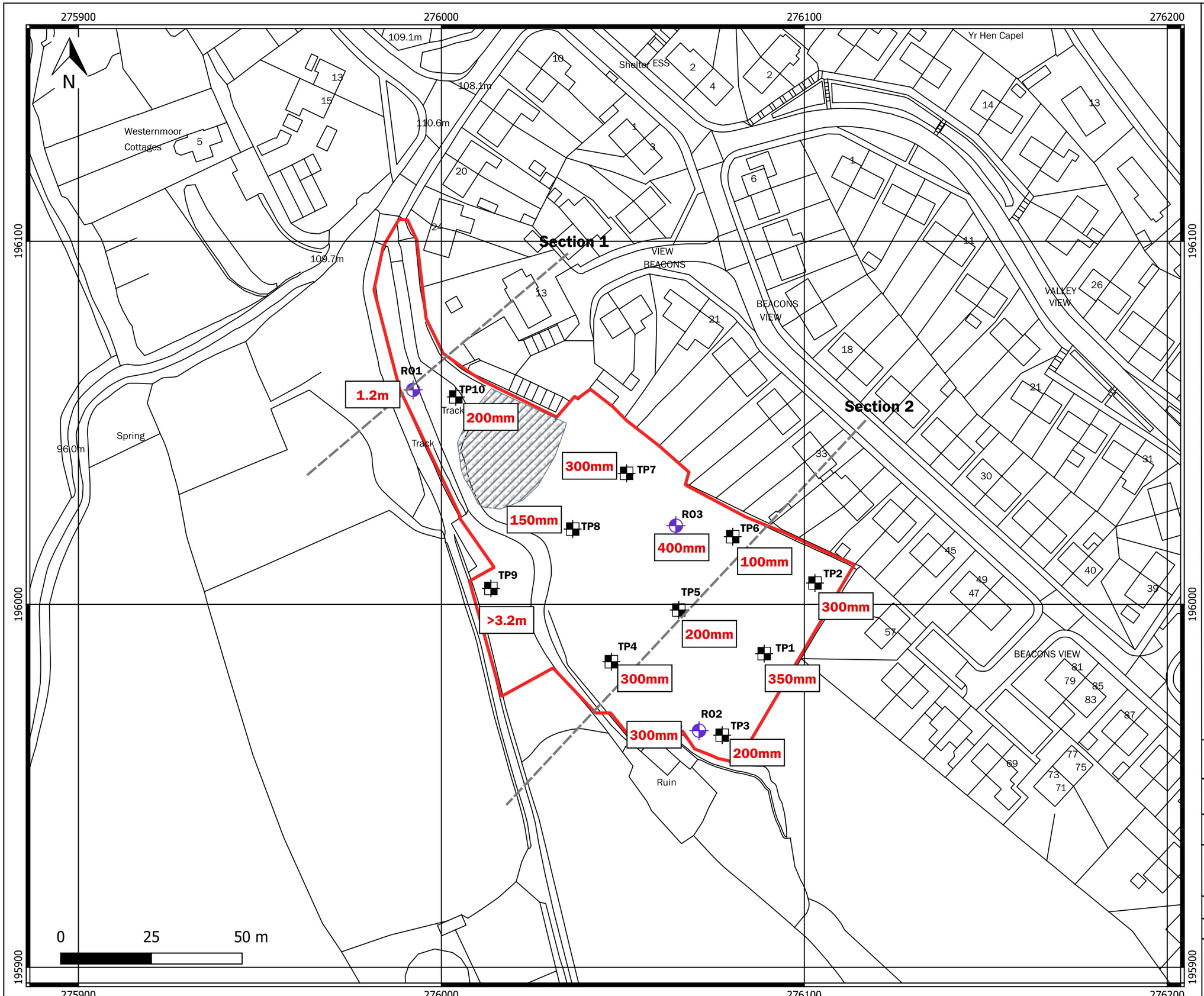

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LEGEND

- Site Boundary
- Rotary Borehole Location (ESP, 2013)
- Trial Pit Location (ESP, 2013)
- Section Lines
- Demolition Rubble
- 0mm — Depth to Coal Measures Bedrock

PROJECT NAME:	PROPOSED RESIDENTIAL DEVELOPMENT, FORMER TUDOR INN, CIMLA, NEATH
PROJECT REF:	ESP.8398.3830
CLIENT:	TAI TARIAN LTD
FIGURE 5:	DEPTH TO BEDROCK AT INVESTIGATION POINT
REV.:	00
PREPARED: CD	DATE: 17/01/2023
CHECKED: JPH	SCALE: 1: 1000

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APPENDIX A Risk Evaluation Methodology

APPENDIX A
RISK EVALUATION METHODOLOGY

The methodology set out in CIRIA C552 (2001), *Contaminated Land Risk Assessment – A Guide to Good Practice*, has been used to assess whether or not risks are acceptable, and to determine the need for collating further information or remedial action. The following tables have been used to classify the risk for each pathway. Tables A2 to A4 have been revised to include for circumstances where no plausible risk has been identified.

Table A1 - *Classification of Consequence*

Classification	Definition	Examples
Severe	• Short-term (acute) risk to human health likely to result in *Significant Harm*. • Short-term risk of pollution to a sensitive water resource. • Catastrophic damage to buildings/property. • Short-term risk to ecosystem, or organism forming part of that ecosystem.	• High concentrations of Cyanide at surface of informal recreation area. • Major spillage of contaminants from site into controlled water. • Explosion causing building collapse.
Medium	• Chronic damage to human health. • Pollution of sensitive water resource. • A significant change to ecosystem, or organism forming part of that ecosystem.	• Contaminant concentrations exceed assessment criteria. • Leaching of contaminants to Secondary A aquifer. • Death of species within nature reserve.
Mild	• Pollution of non-sensitive water resources. • Significant damage to crops, buildings, structures. • Damage to sensitive buildings, structures or the environment.	• Pollution of Secondary groundwater sources. • Damage to building rendering it unsafe to occupy.
Minor	• Harm, although not necessarily significant harm, which may result in financial loss, or expenditure to resolve. • Non permanent risks to human health (easily prevented by means of PPE). • Easily repairable effects of damage to buildings and structures.	• The presence of contaminants at such concentrations that PPE is required during site works. • The loss of plants in a landscaping scheme. • Discoloration of concrete.

Table A2: *Classification of Probability*

Classification	Definition
High Likelihood	There is a pollutant linkage and an event that either appears very likely in the short term and almost inevitable over the longer term. Or, there is already evidence at the receptor of harm or pollution.
Likely	There is a pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the longer term.
Low Likelihood	There is a pollutant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such an event would take place, and is less likely in the shorter term.
Unlikely	There is a pollutant linkage, but circumstances are such that it is improbable that an event would occur, even in the very long term.
No Linkage	No plausible linkage has been established.

Table A3: *Risk Categories – Comparison of consequence against probability*

		Consequence			
		Severe	**Medium**	**Mild**	**Minor**
Probability	**High Likelihood**	Very High Risk	High Risk	Moderate Risk	Moderate / Low Risk
	Likely	High Risk	Moderate Risk	Moderate / Low Risk	Low Risk
	Low Likelihood	Moderate Risk	Moderate / Low Risk	Low Risk	Very Low Risk
	Unlikely	Moderate / Low Risk	Low Risk	Very Low Risk	Very Low Risk
	No Linkage	No Risk			

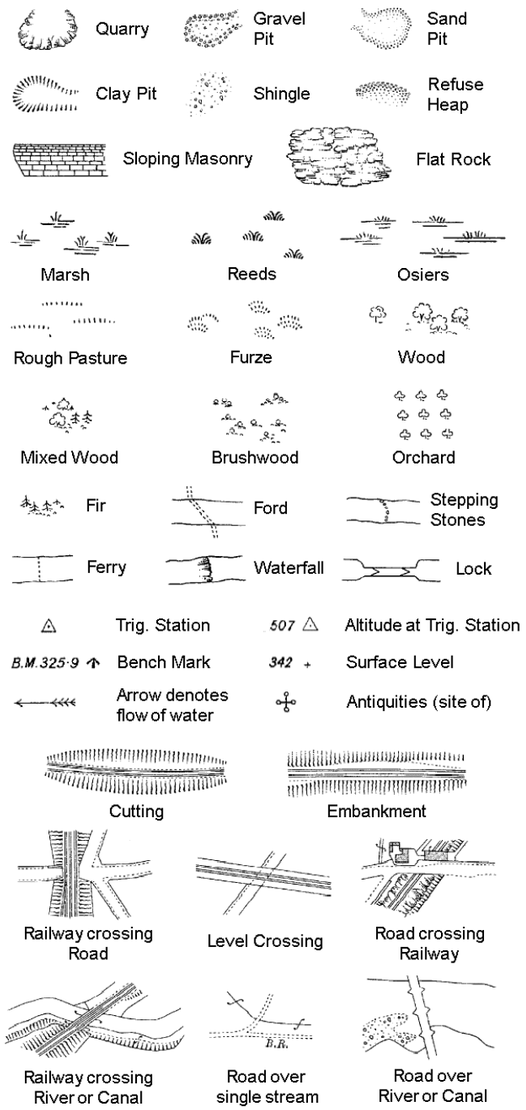
Table A4: *Description of Risk Categories*

Classification	Description
Very High Risk	• There is a probability that severe harm could arise to a designated receptor from an identified hazard. Or, there is evidence that severe harm to a designated receptor is currently happening. • The risk, if realised, is likely to result in a substantial liability. • Urgent investigation (if not already undertaken) and remedial action are likely to be required.
High Risk	• Harm is likely to arise to a designated receptor from an identified hazard. • Realisation of the risk is likely to present a substantial liability. • Urgent investigation (if not already undertaken) is required, and remedial action may be necessary in the short term and are likely over the longer term.
Moderate Risk	• It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur, it is more likely that the harm would be mild. • Investigation (if not already undertaken) is normally required to clarify the risk and to determine potential liability. Some remedial action may be required in the longer term.
Low Risk	• It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.
Very Low Risk	• There is a very low possibility that harm could arise at a receptor. In the event of such harm being realised, it is not likely to be severe.
No Risk	• No risk mitigation required.

APPENDIX B Extracts from Historical Maps

Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

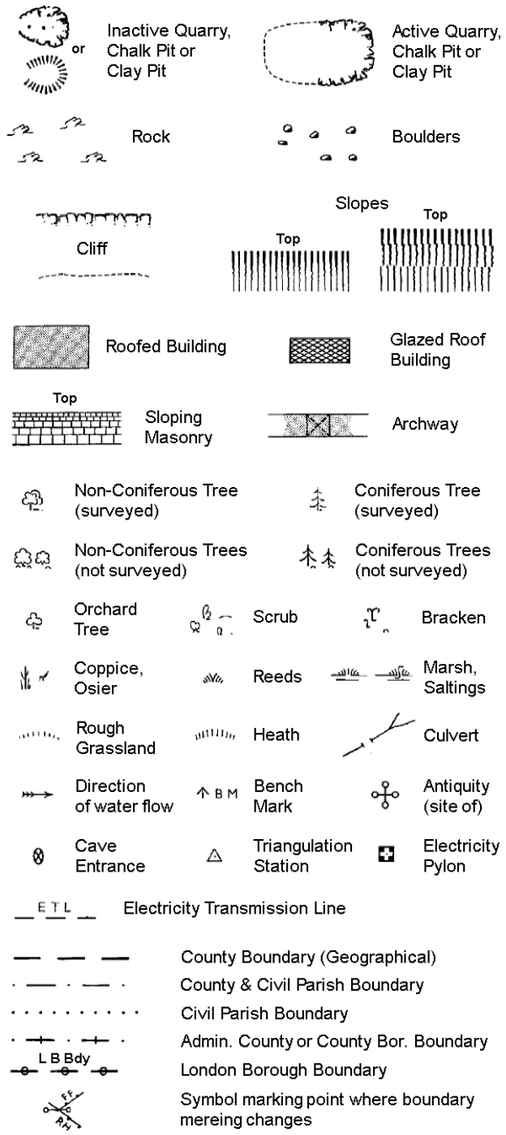
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

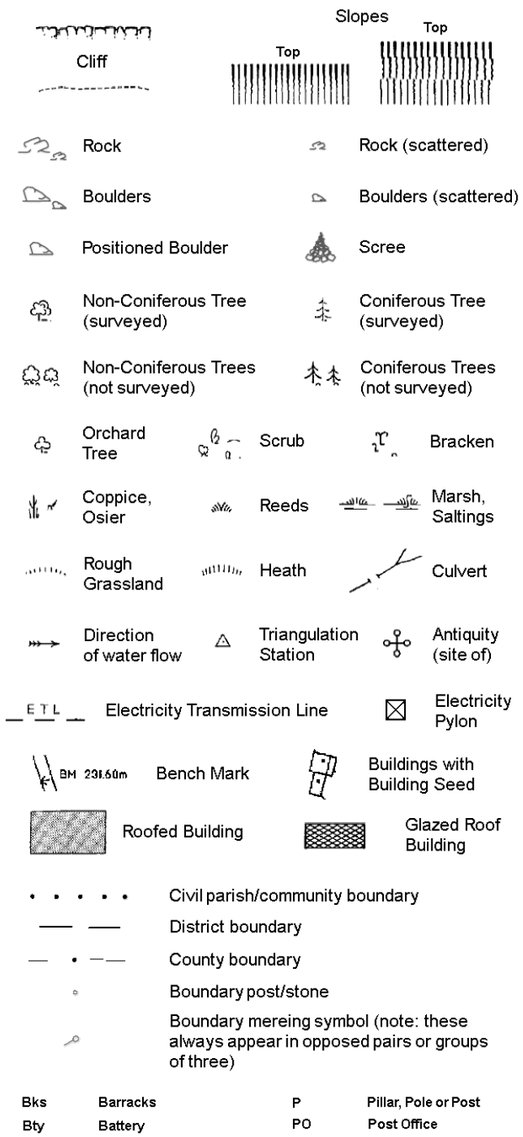
Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

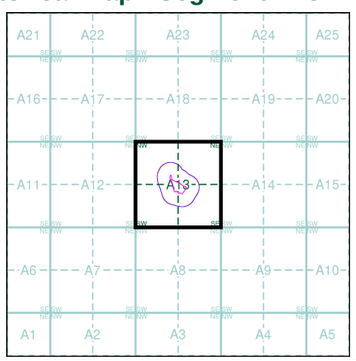
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

Intégral Géotechnique

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1881	2
Glamorganshire	1:2,500	1899	3
Glamorganshire	1:2,500	1919	4
Glamorganshire	1:2,500	1935	5
Ordnance Survey Plan	1:1,250	1949 - 1967	6
Ordnance Survey Plan	1:2,500	1952 - 1970	7
Ordnance Survey Plan	1:1,250	1956 - 1957	8
Ordnance Survey Plan	1:1,250	1963 - 1974	9
Ordnance Survey Plan	1:2,500	1964	10
Ordnance Survey Plan	1:1,250	1971	11
Additional SIMs	1:2,500	1978	12
Additional SIMs	1:2,500	1985	13
Additional SIMs	1:1,250	1989	14
Large-Scale National Grid Data	1:1,250	1993	15
Large-Scale National Grid Data	1:2,500	1993	16
Historical Aerial Photography	1:2,500	2000	17

Historical Map - Segment A13



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National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	100

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

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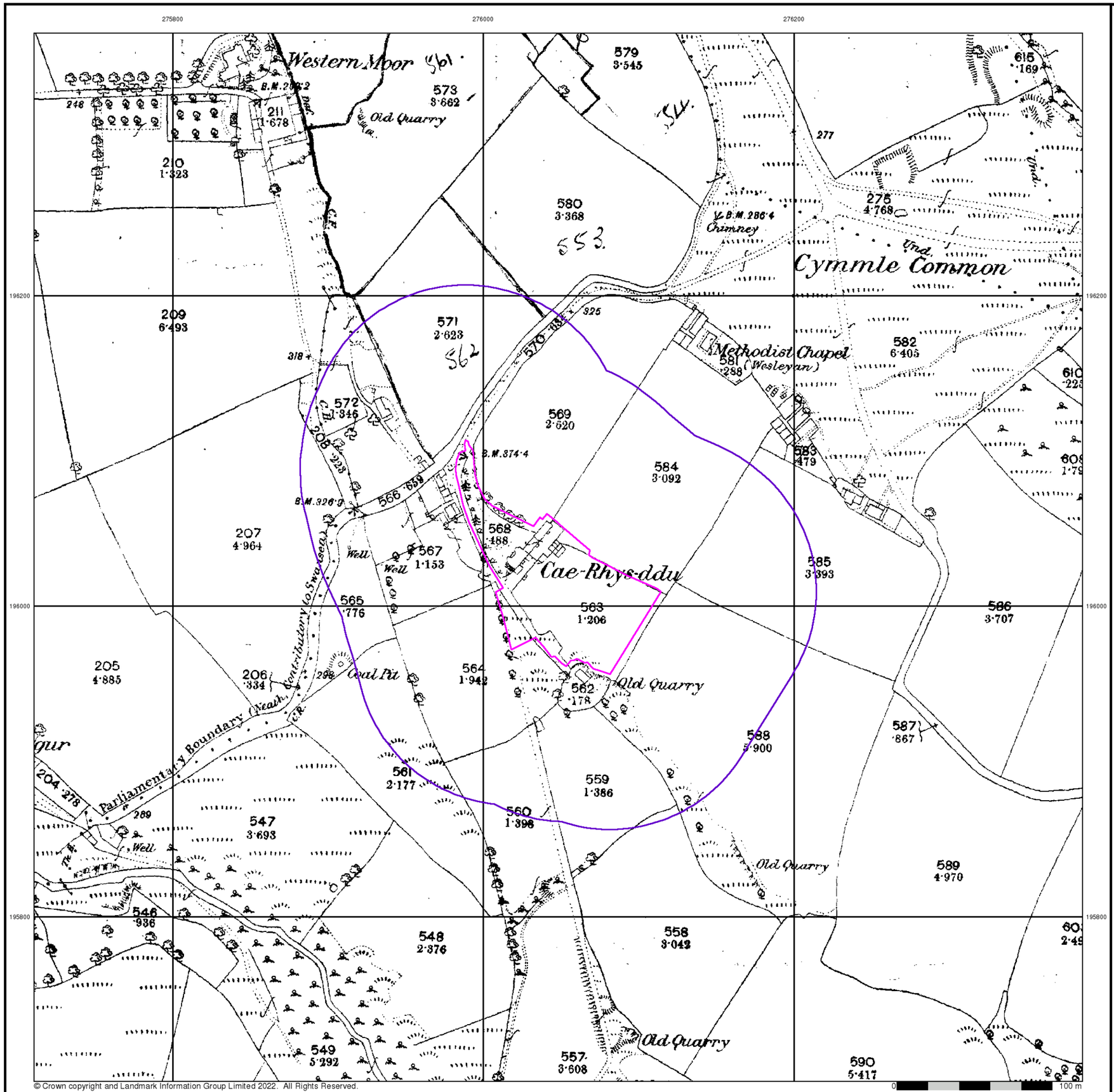


Intégral Géotechnique

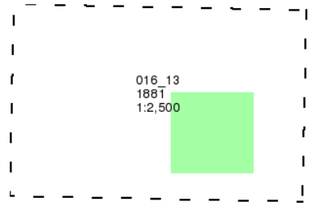
Glamorganshire

Published 1881

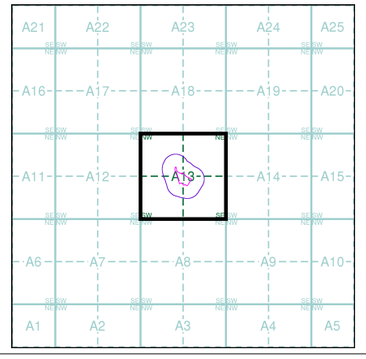
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



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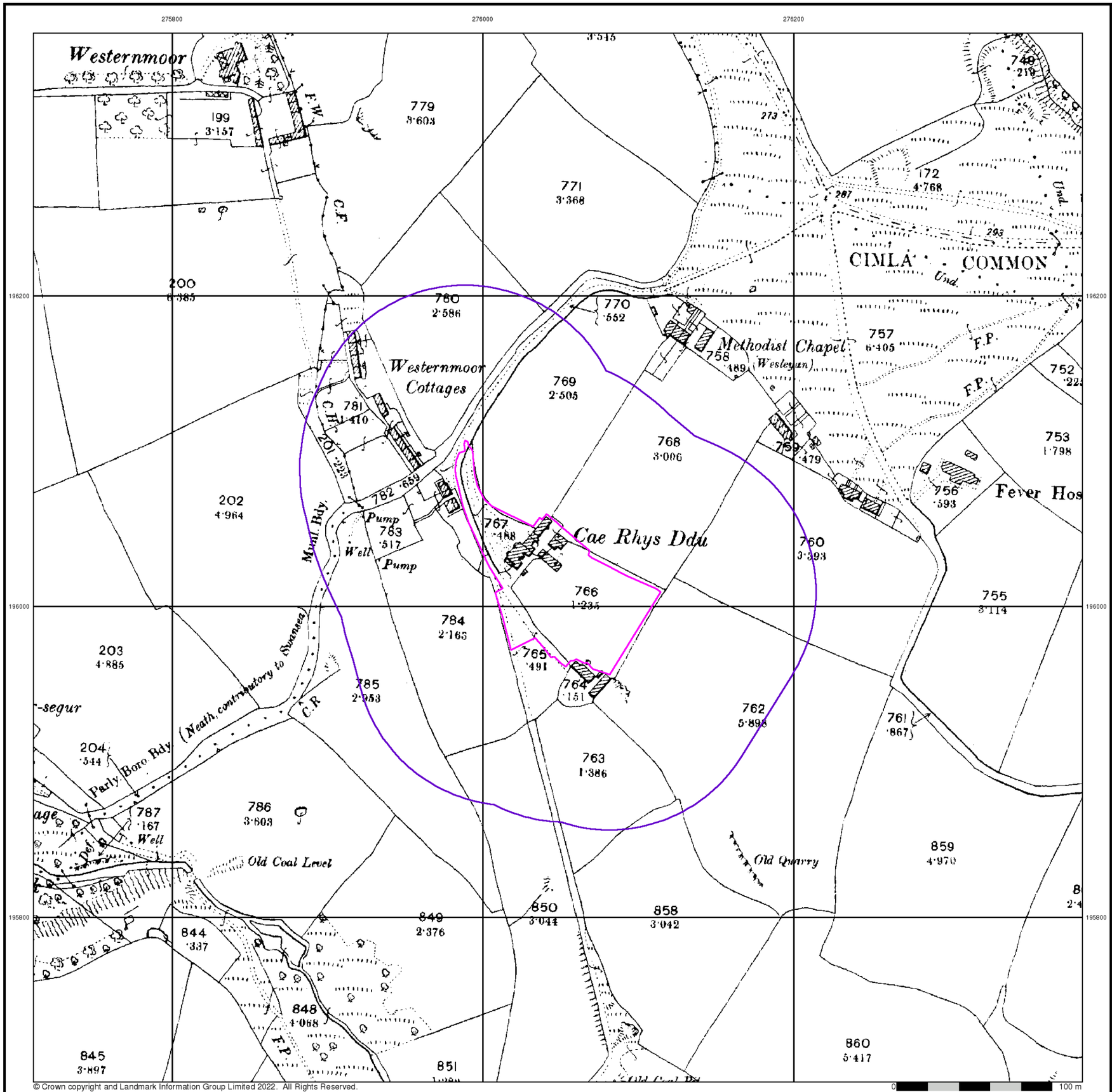

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Glamorganshire

Published 1899

Source map scale - 1:2,500

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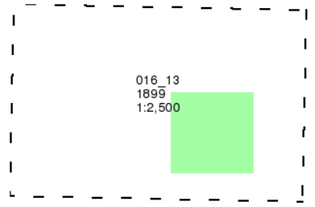
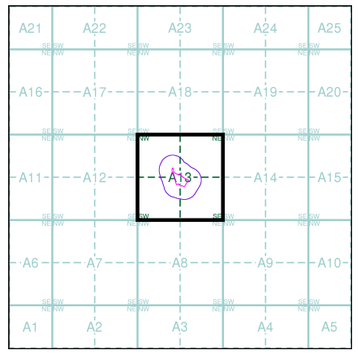


Historical Map - Segment A13



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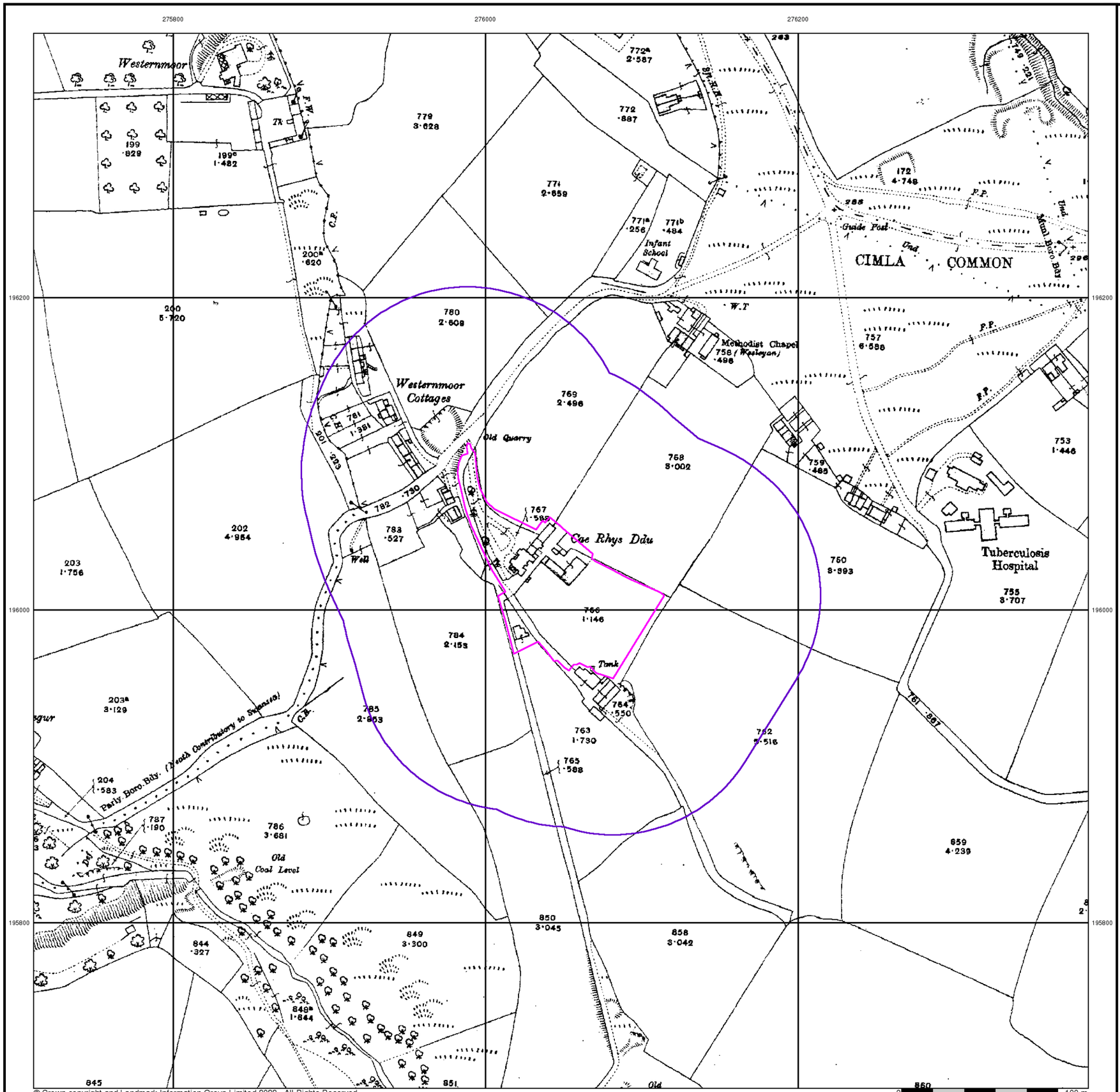

Intégral Géotechnique

Glamorganshire

Published 1919

Source map scale - 1:2,500

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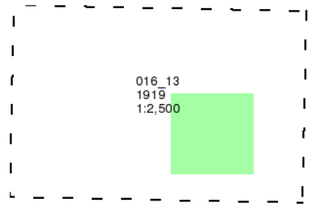
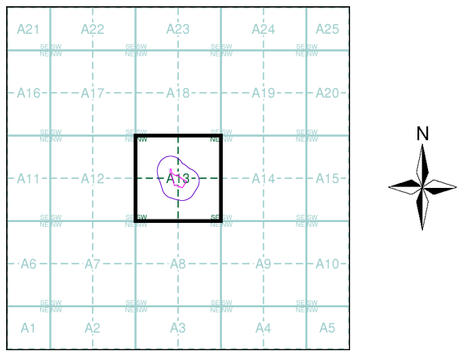
Map Name(s) and Date(s)



Historical Map - Segment A13



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Site Area (Ha):	0.78
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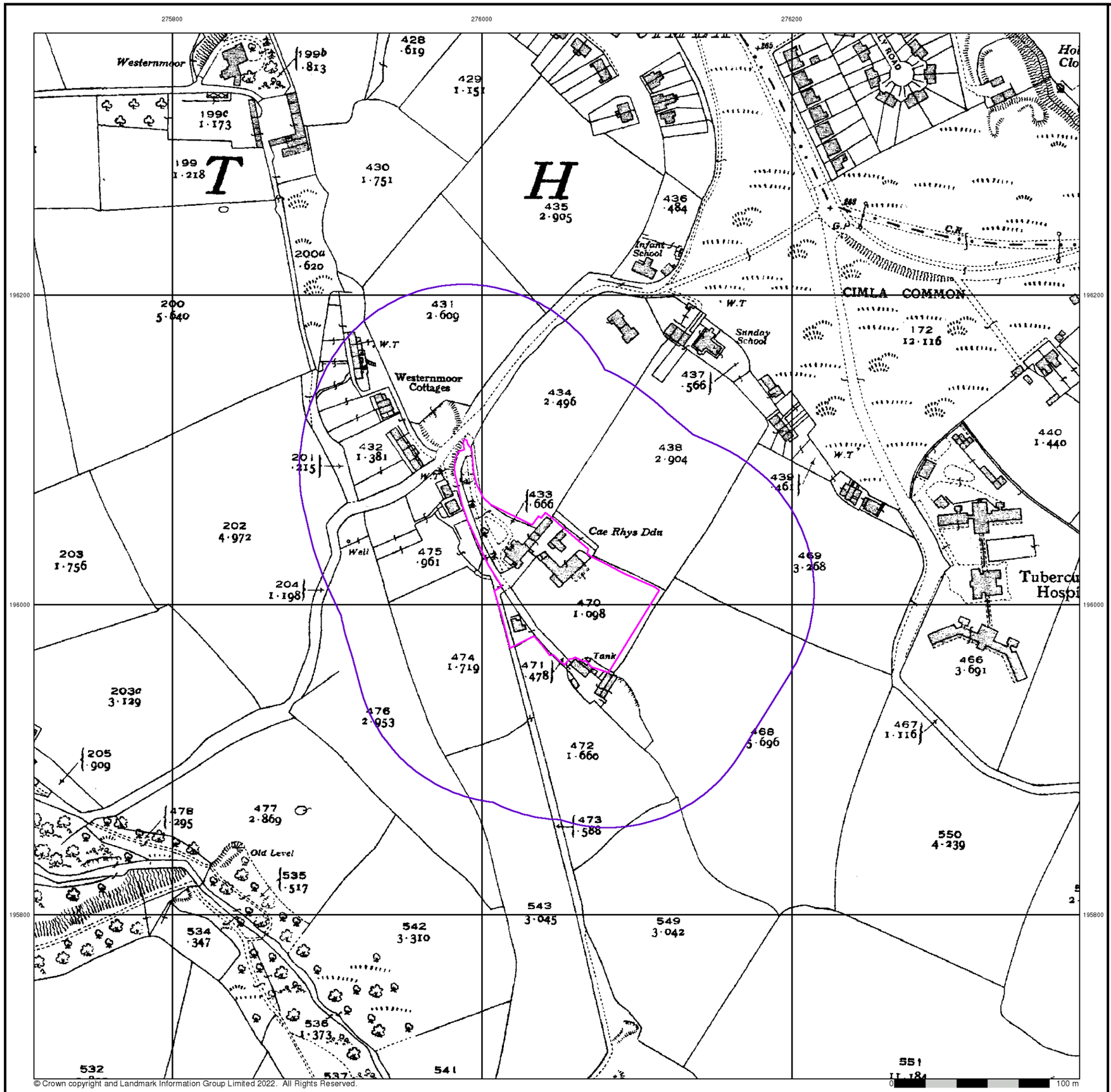


Intégral Géotechnique

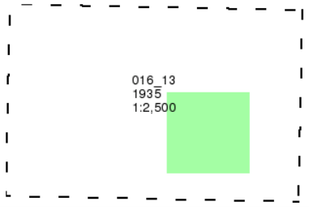
Glamorganshire

Published 1935

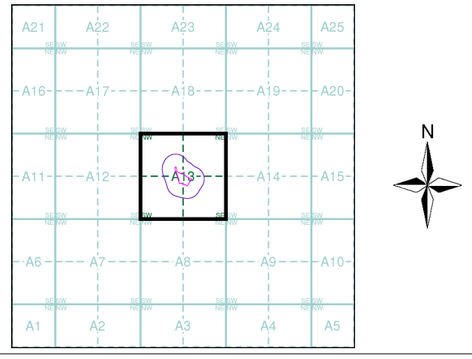
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



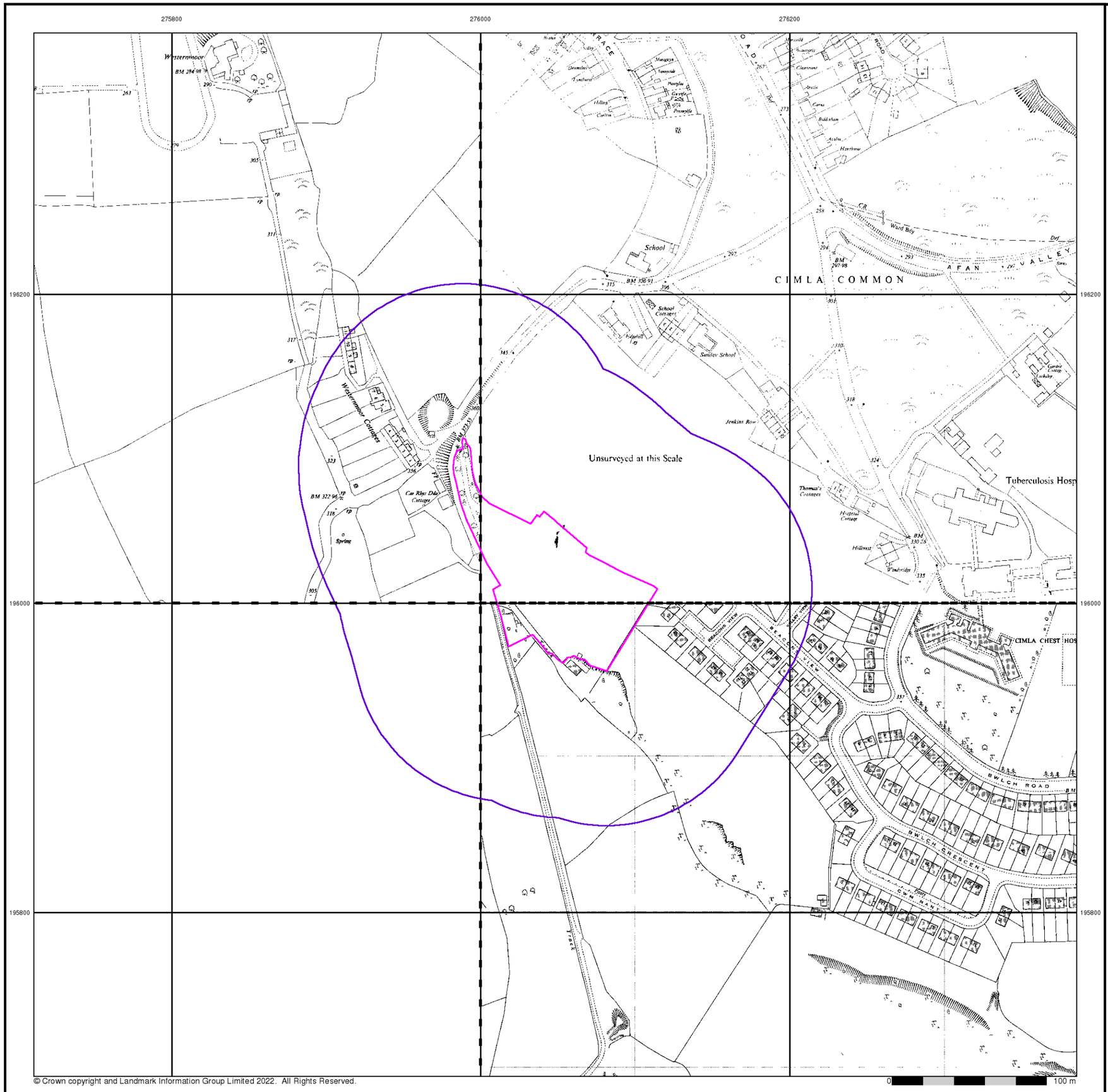
Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	100

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

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



Intégral Géotechnique

Ordnance Survey Plan

Published 1949 - 1967

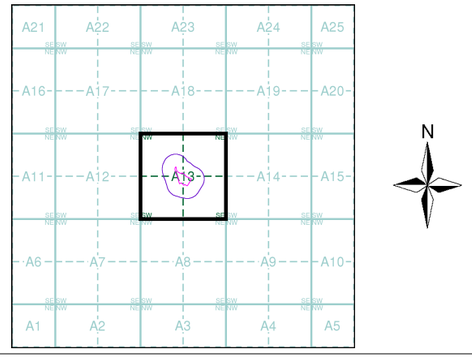
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SS7596SE 1951 1:1,250
SS7696SW 1949 1:1,250
SS7695NW 1967 1:1,250

Historical Map - Segment A13



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Slice:	A
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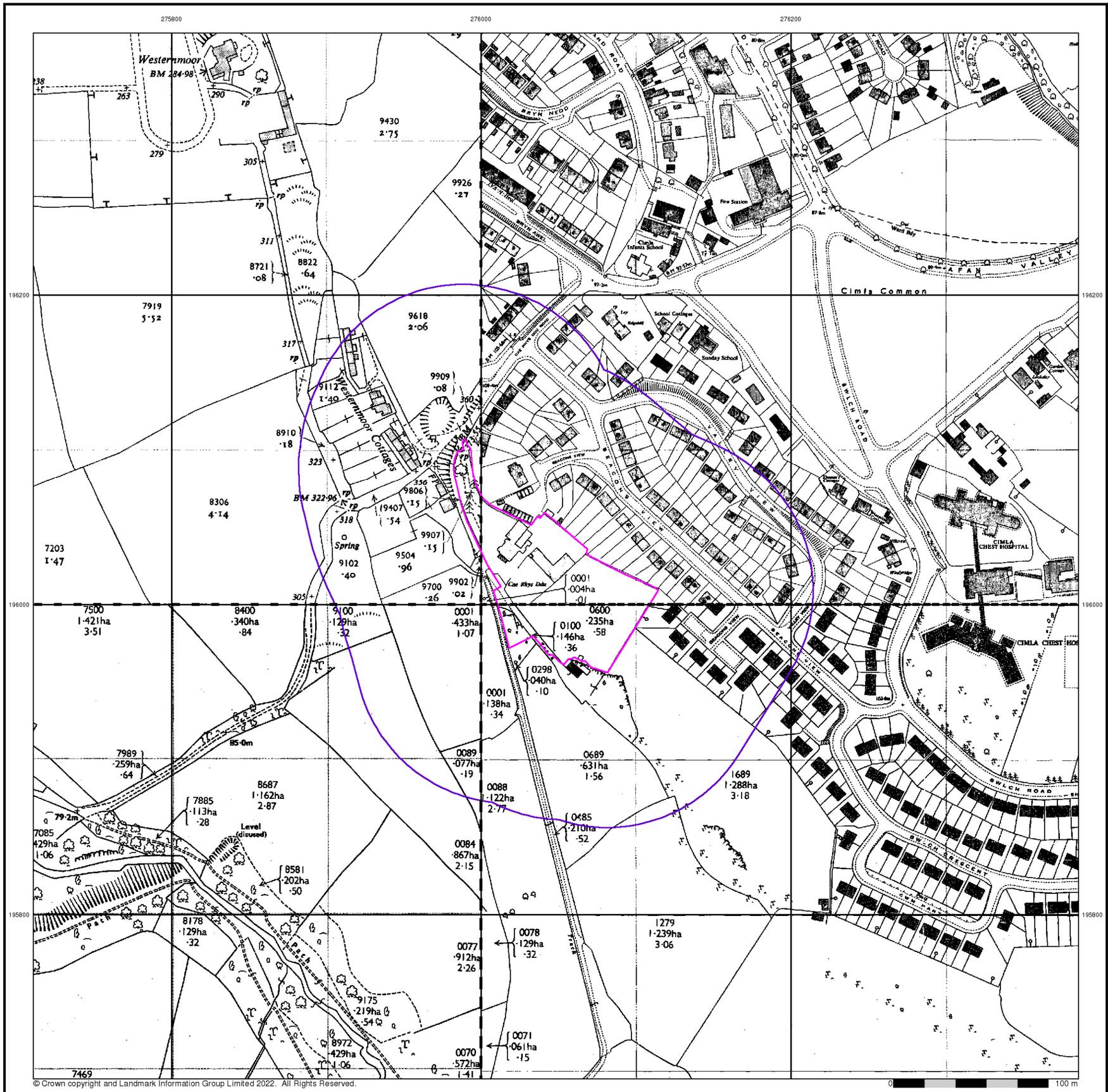


Intégral Géotechnique

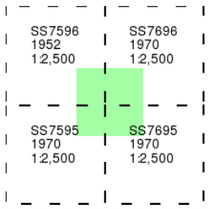
Ordnance Survey Plan

Published 1952 - 1970

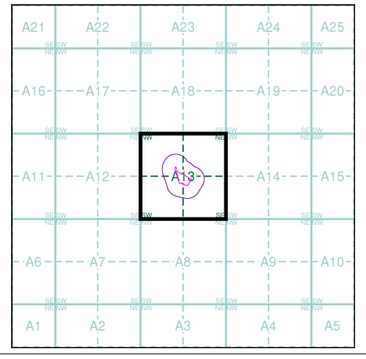
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	100

Site Details

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Landmark INFORMATION GROUP

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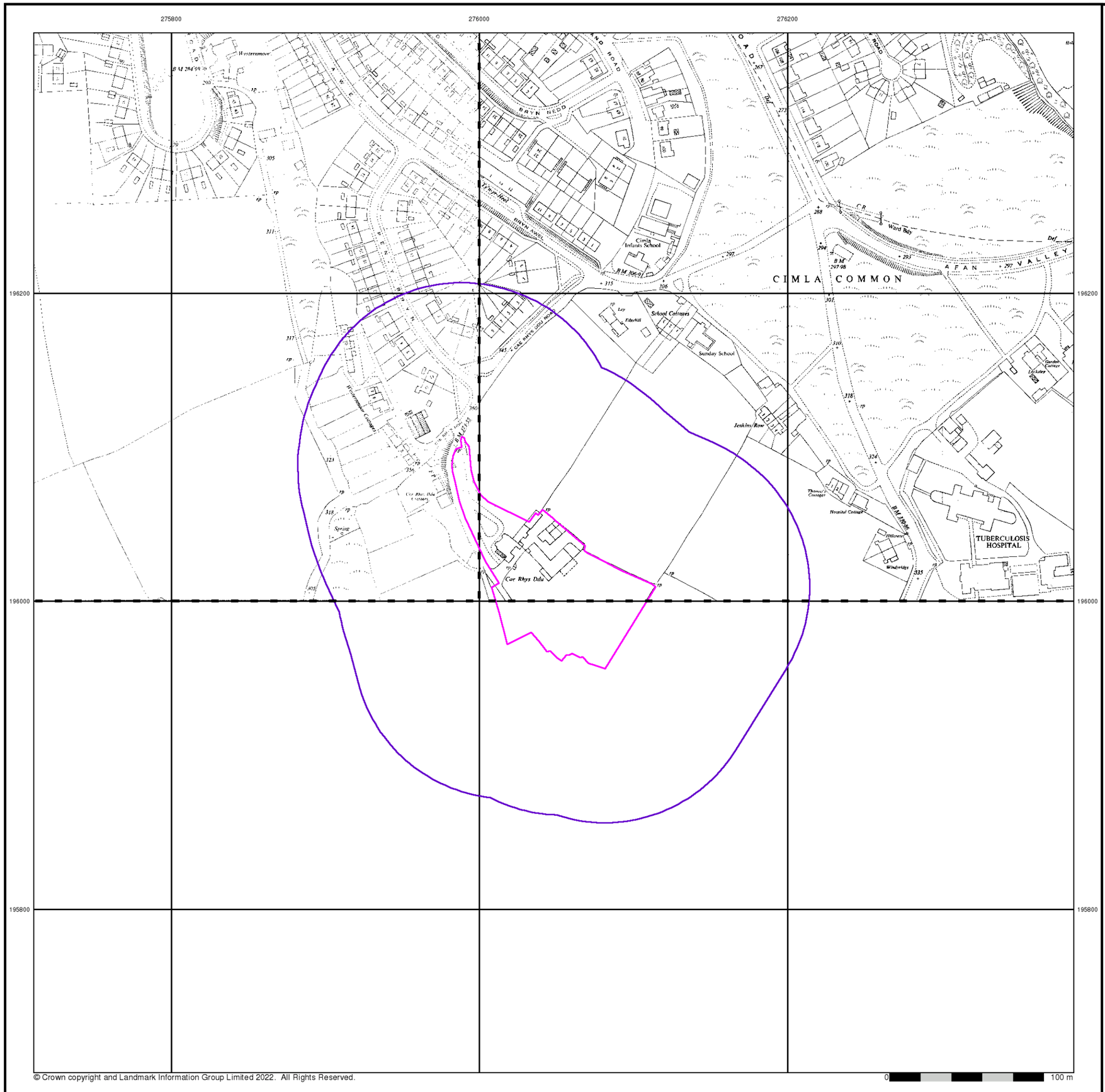


Intégral Géotechnique

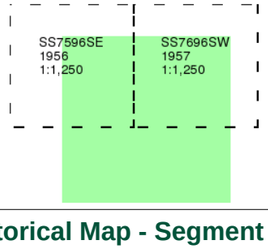
Ordnance Survey Plan

Published 1956 - 1957

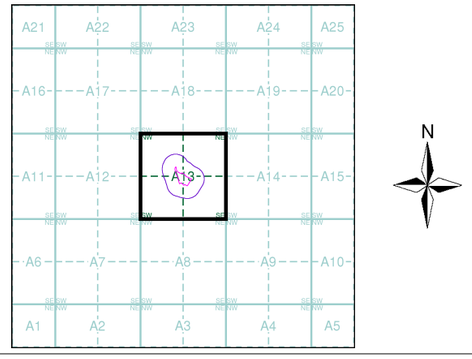
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	100

Site Details

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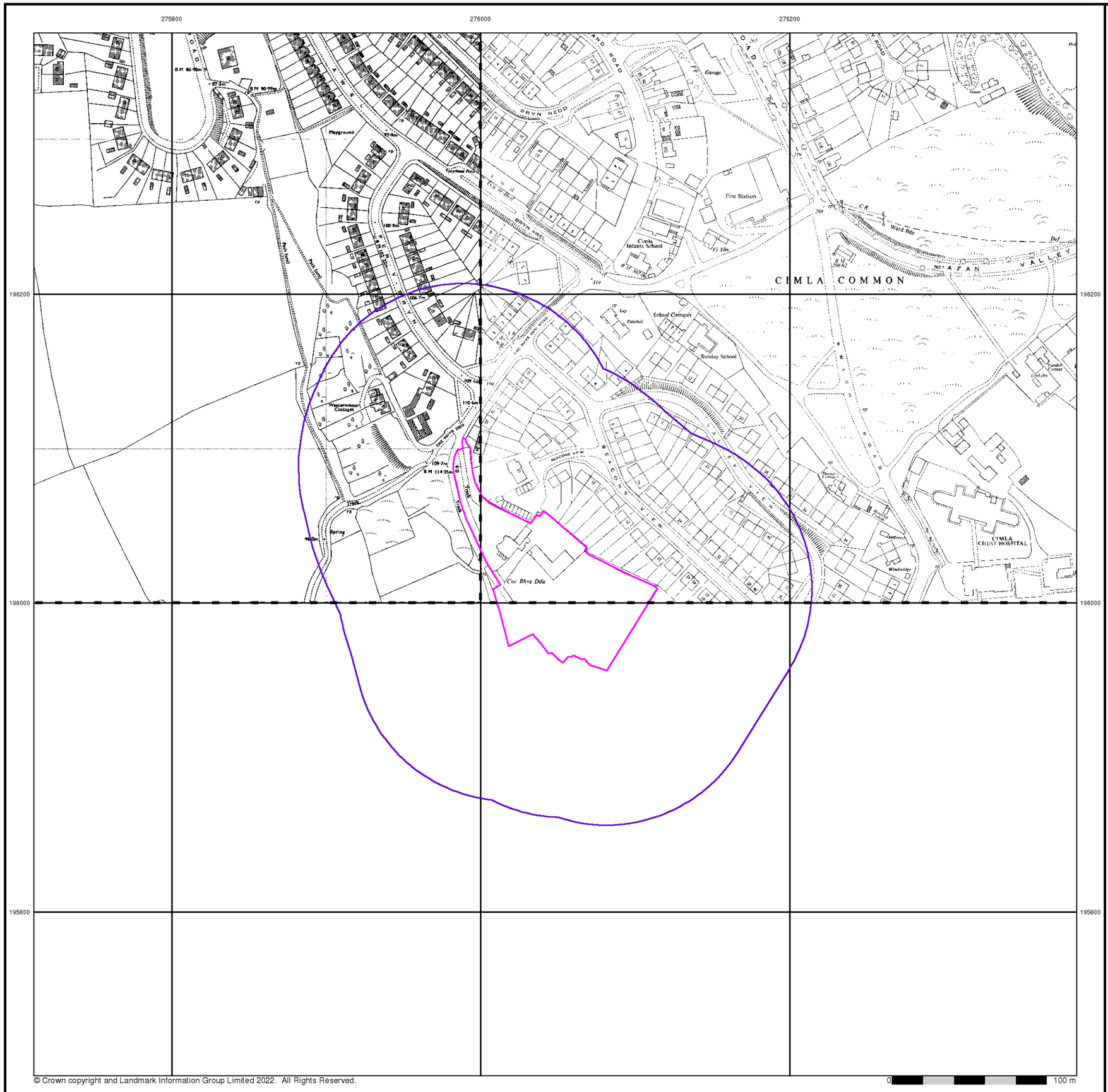

Intégral
Géotechnique

Ordnance Survey Plan

Published 1963 - 1974

Source map scale - 1:1,250

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

Map Name(s) and Date(s)

Historical Map - Segment A13

N

Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	100

Site Details

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Landmark®
INFORMATION GROUP

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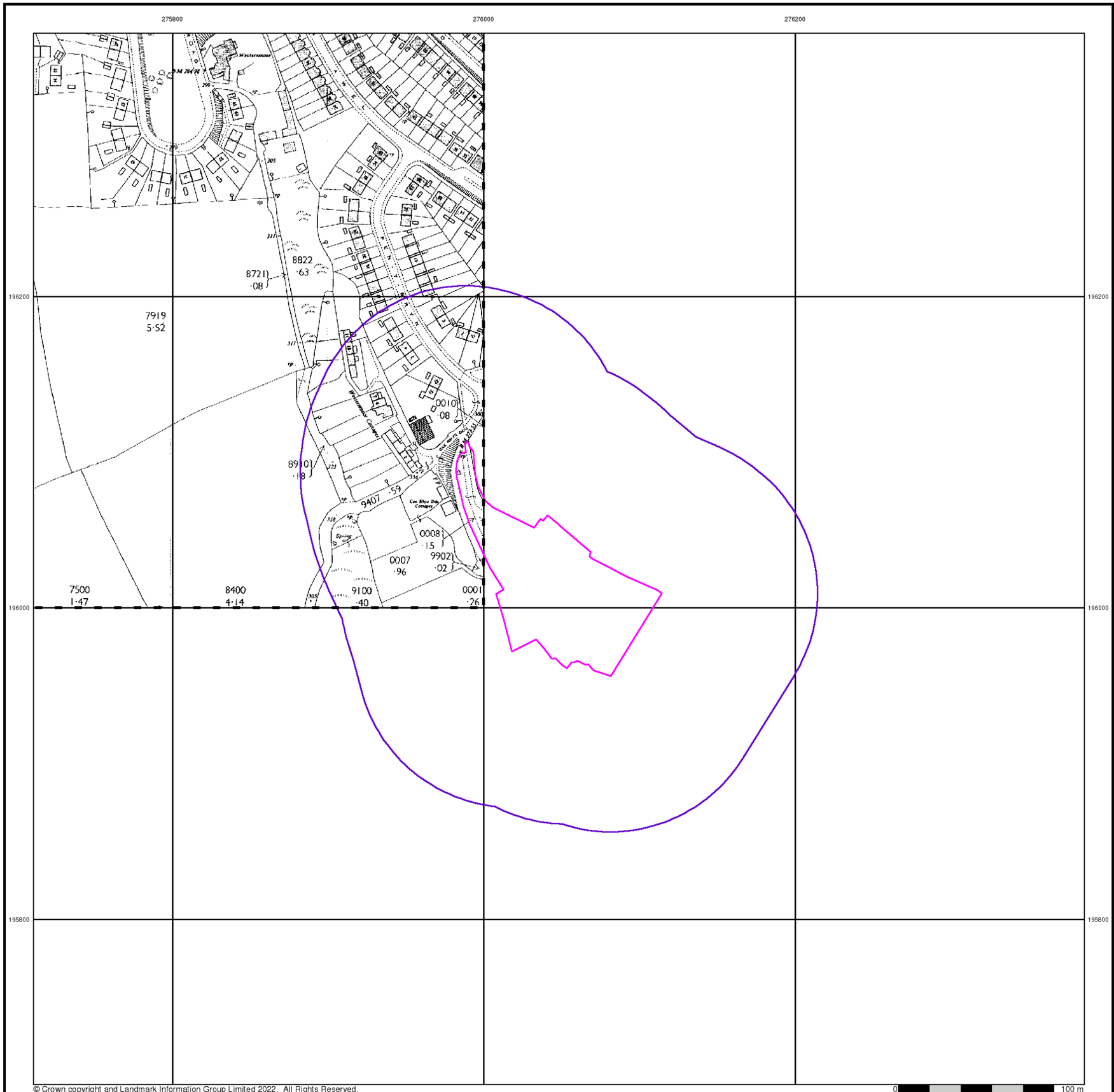
Web:	www.envirocheck.co.uk



Intégral Géotechnique

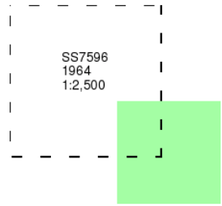
Ordnance Survey Plan

Published 1964

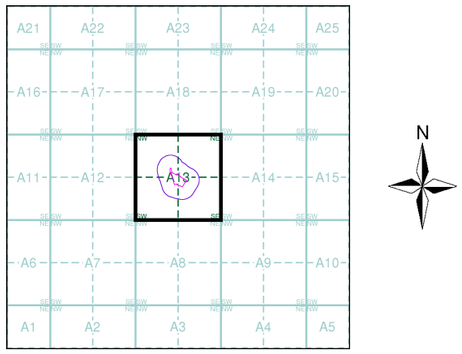
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	100

Site Details

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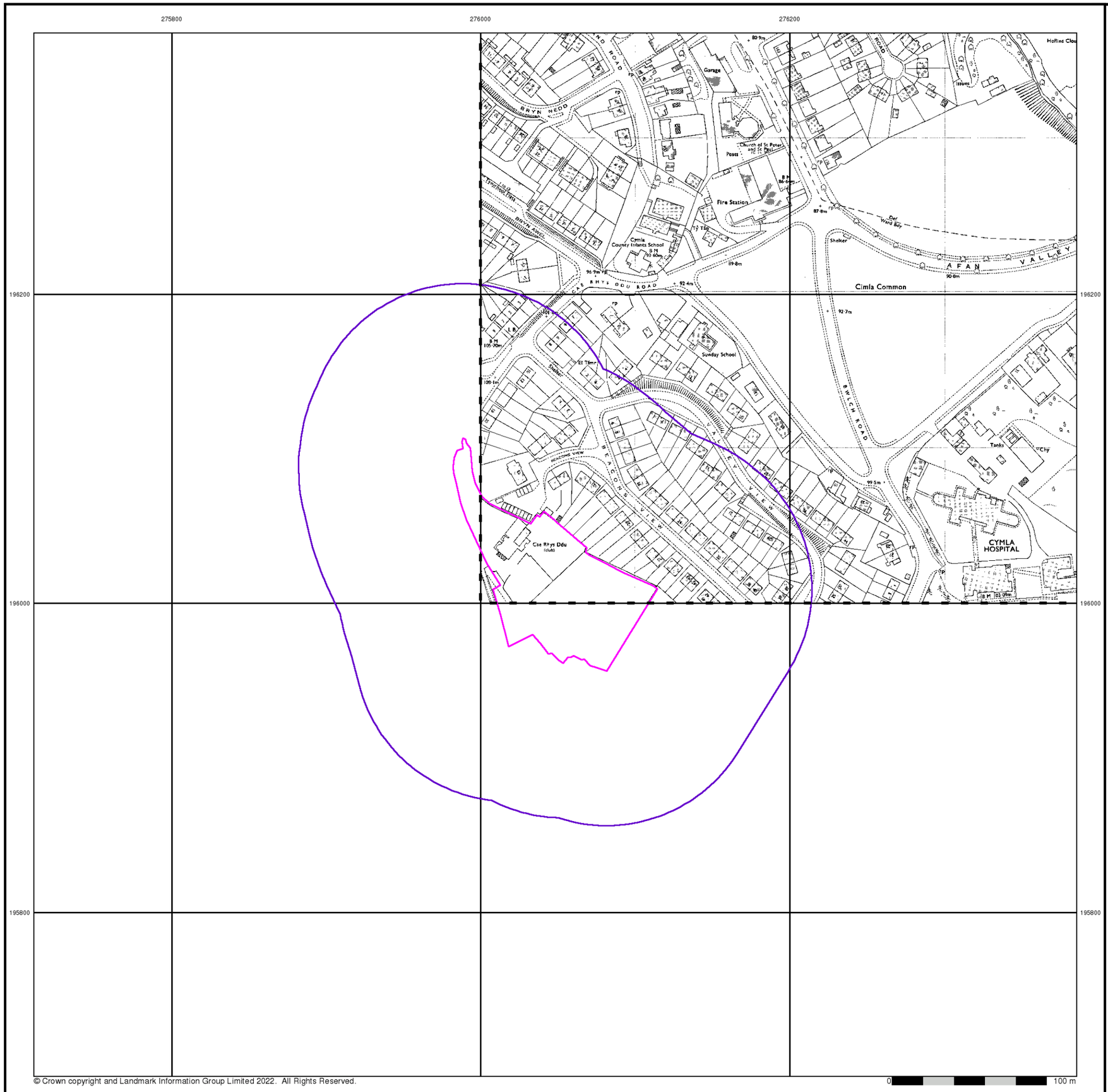


Intégral Géotechnique

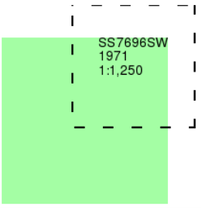
Ordnance Survey Plan

Published 1971

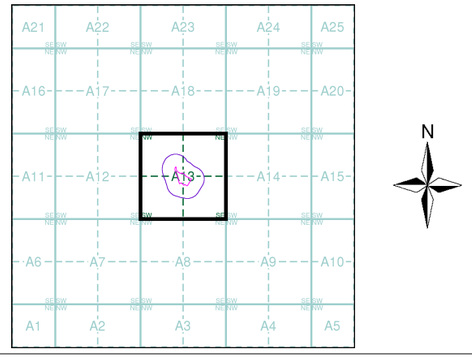
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13

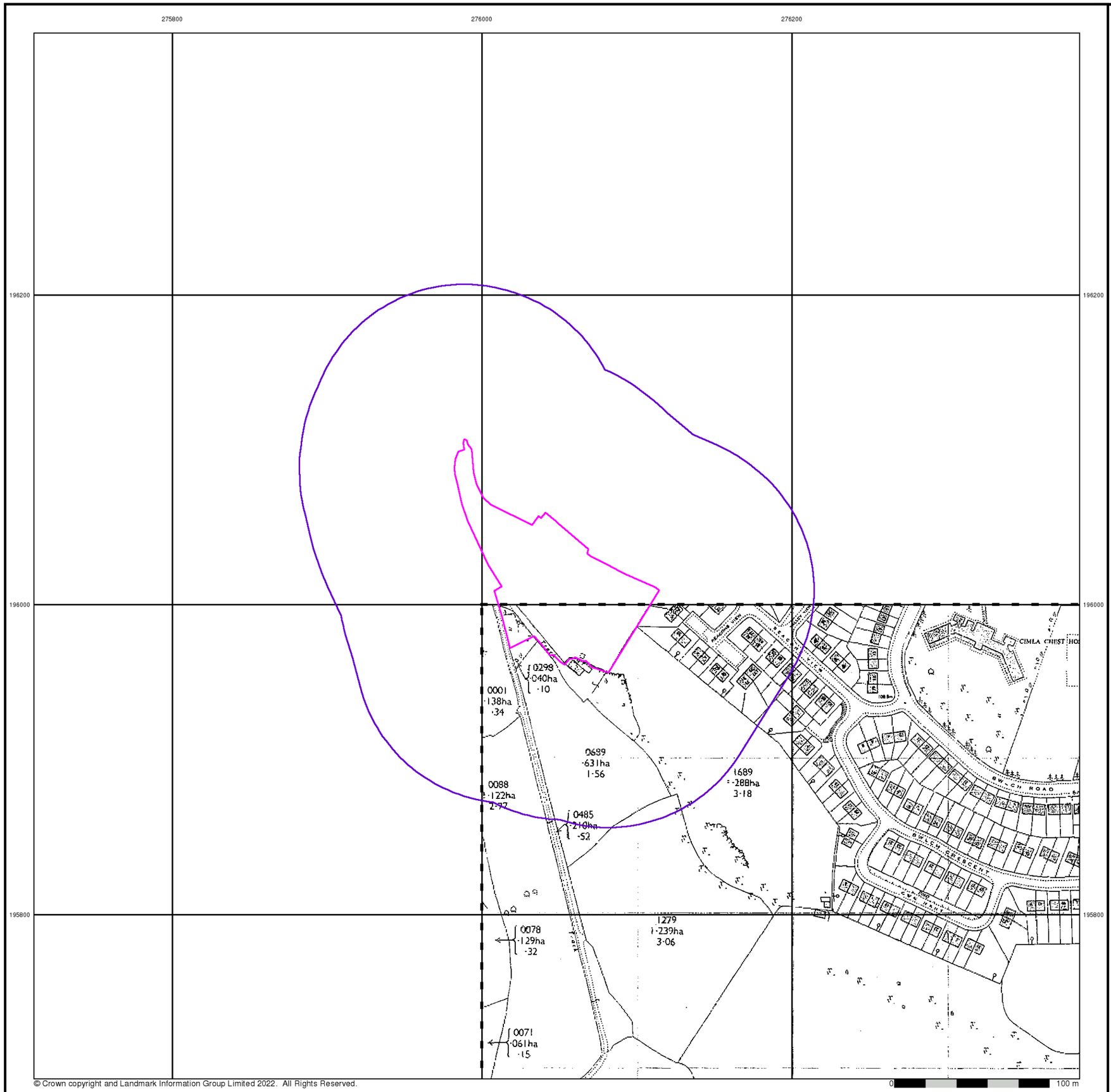


Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	100

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB



Intégral Géotechnique

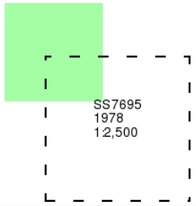
Additional SIMs

Published 1978

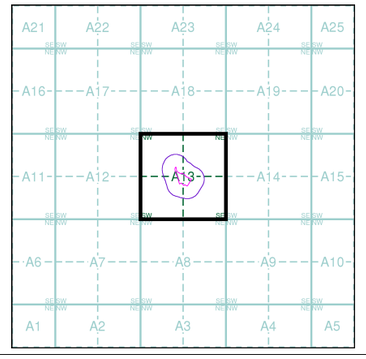
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	100

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

Landmark INFORMATION GROUP
Tel: 0844 844 9952
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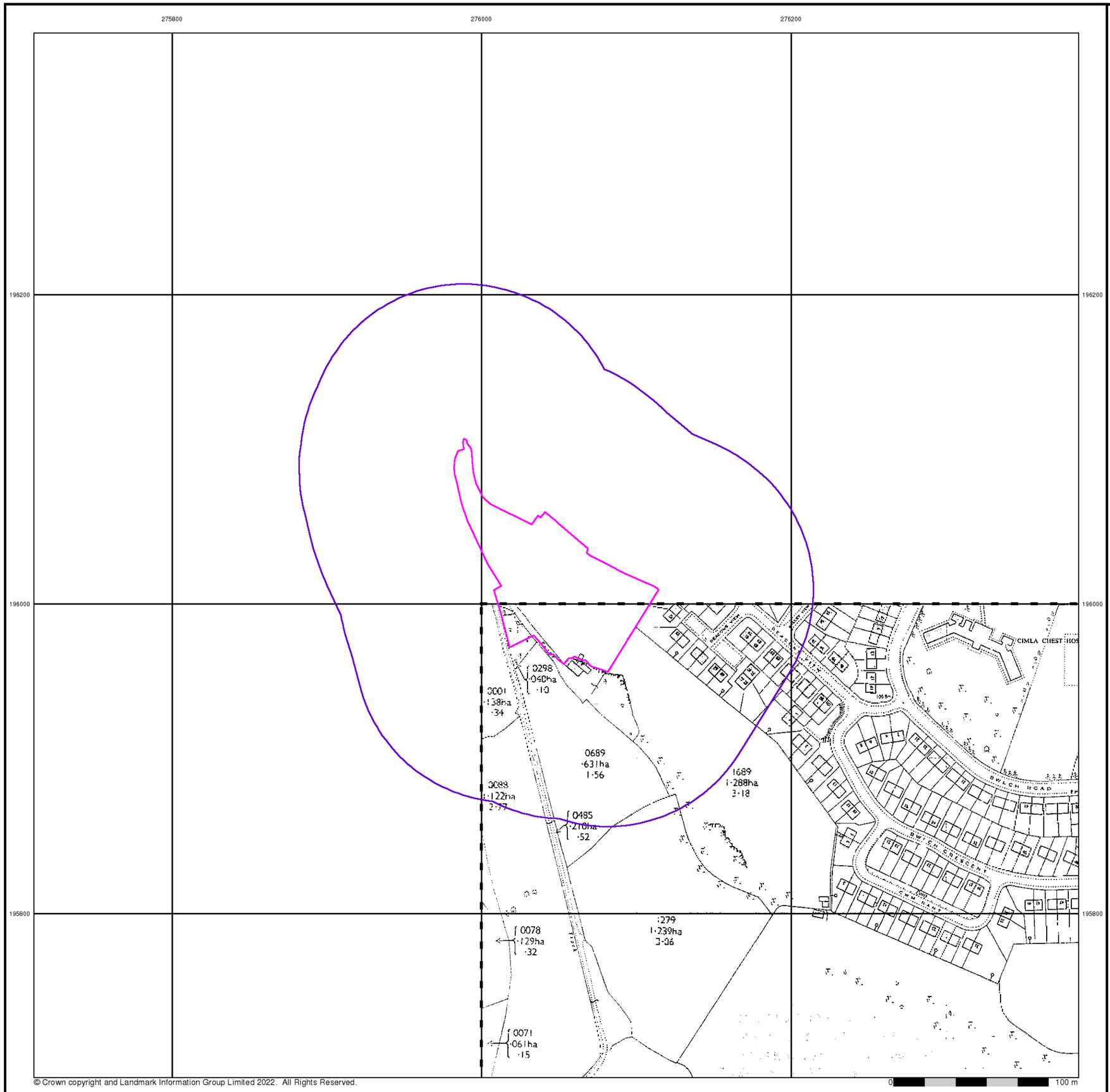
Web: www.envirocheck.co.uk



Intégral Géotechnique

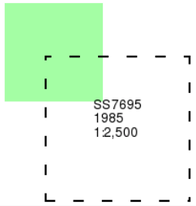
Additional SIMs

Published 1985

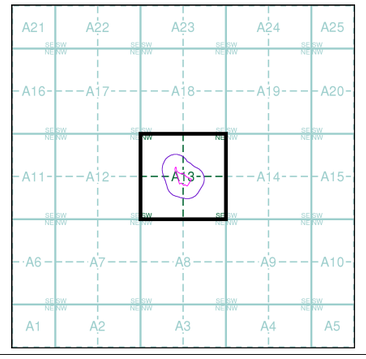
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	294212658_1_1
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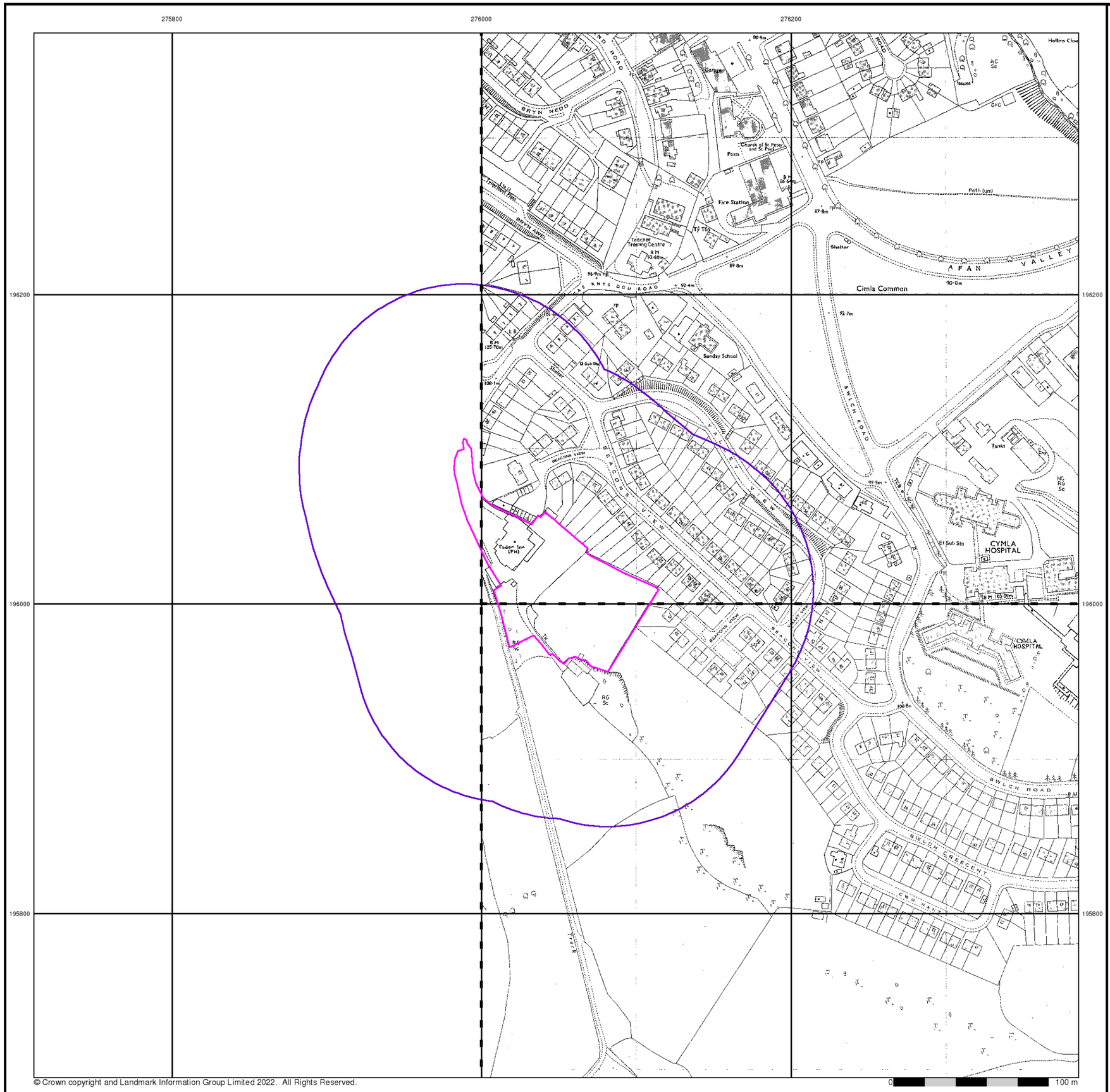


Intégral Géotechnique

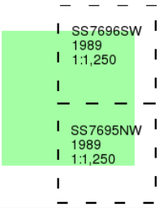
Additional SIMs

Published 1989

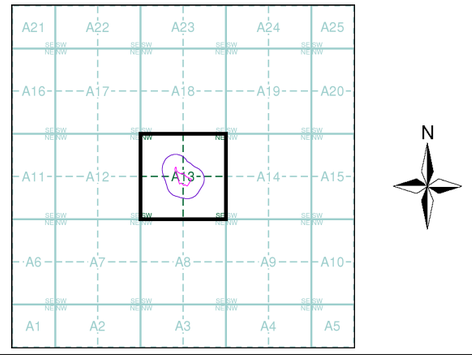
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
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Site Details

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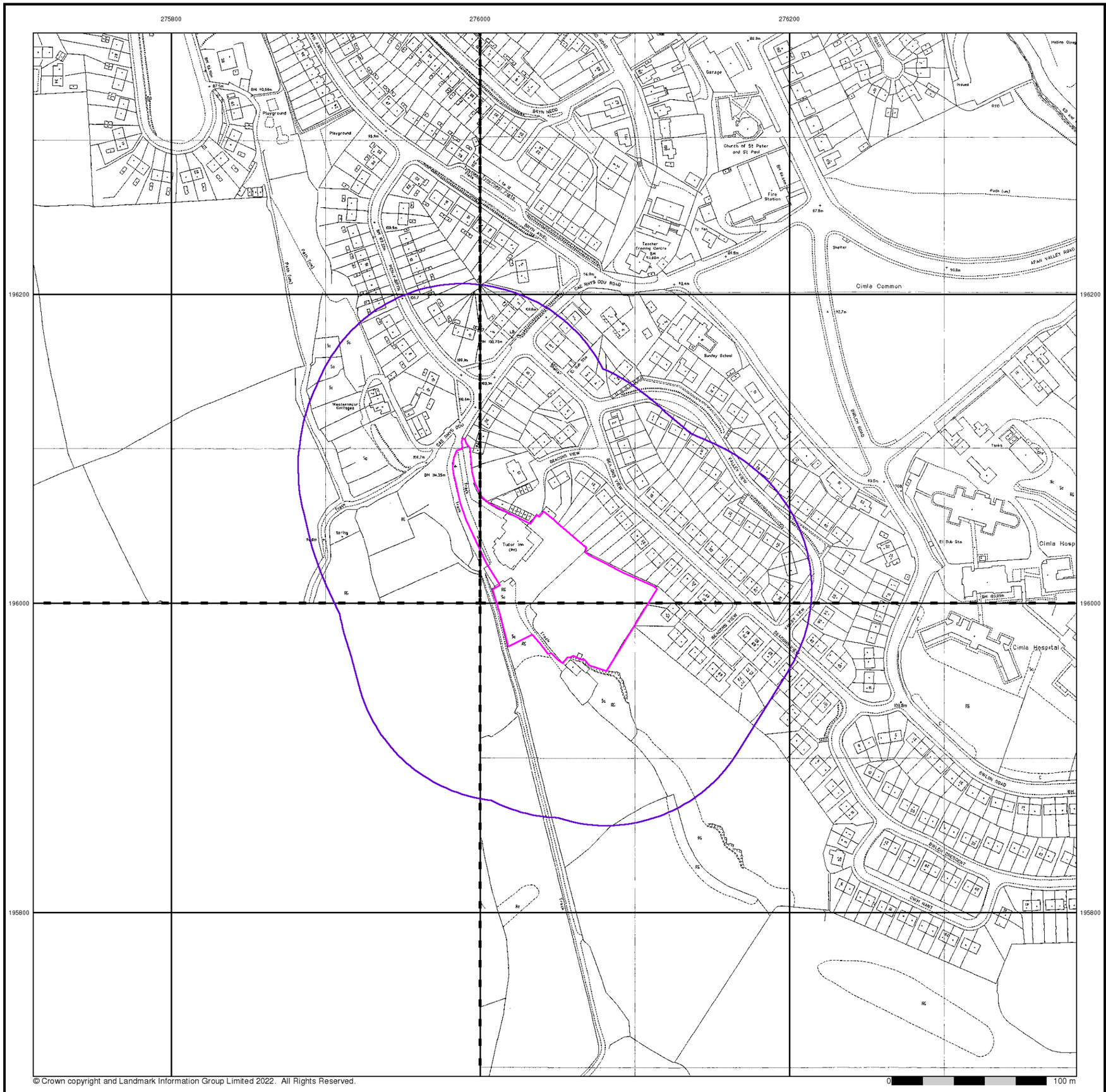


Intégral Géotechnique

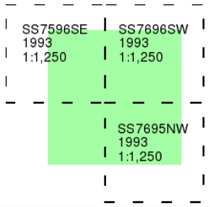
Large-Scale National Grid Data

Published 1993

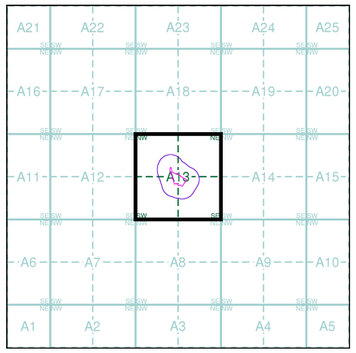
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
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Site Details

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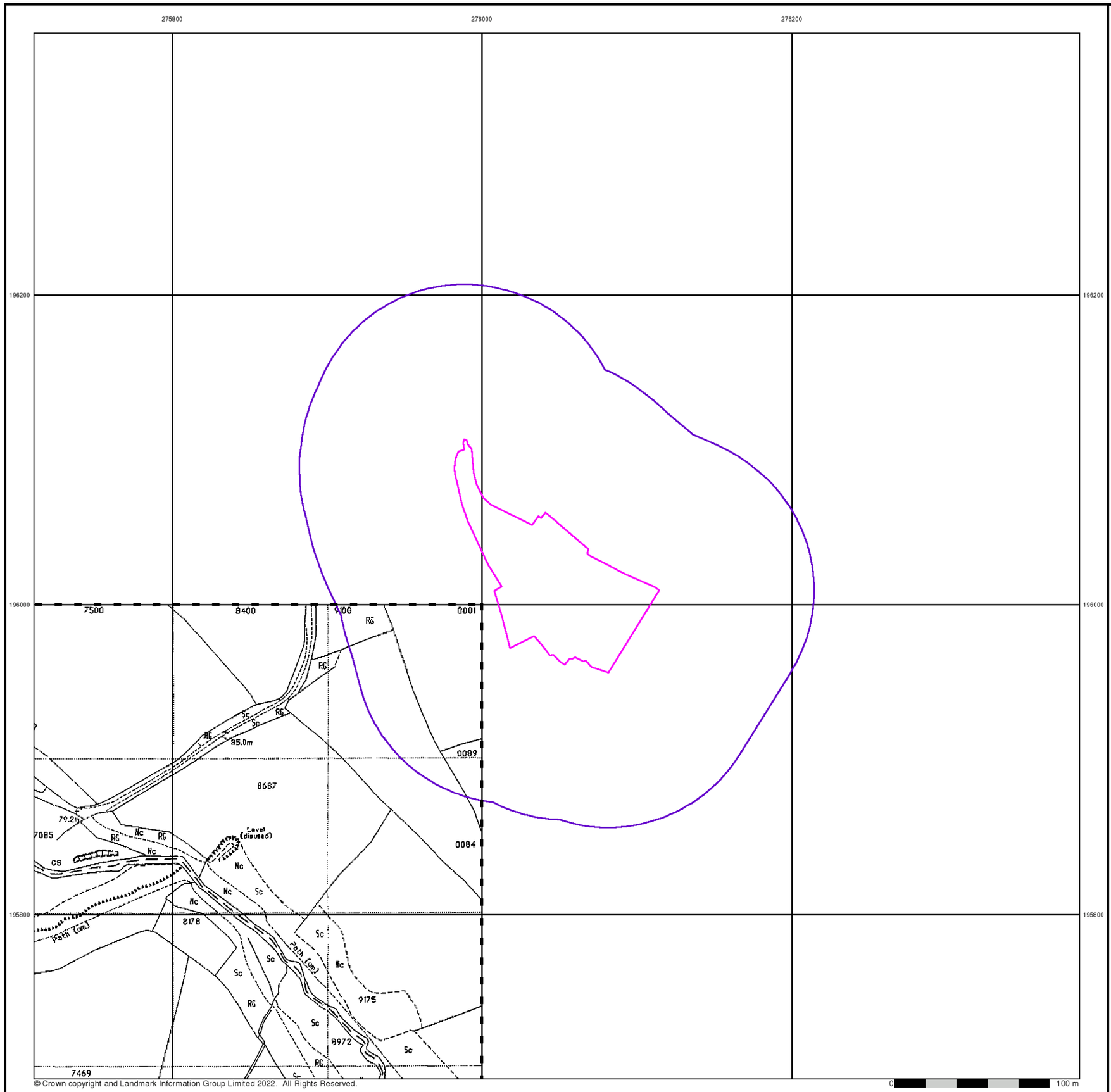


Intégral Géotechnique

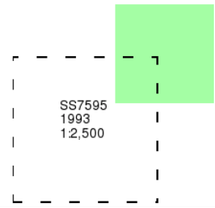
Large-Scale National Grid Data

Published 1993

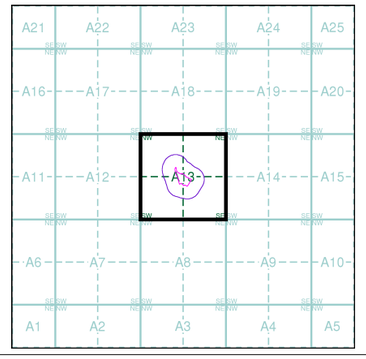
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	294212658_1_1
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National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
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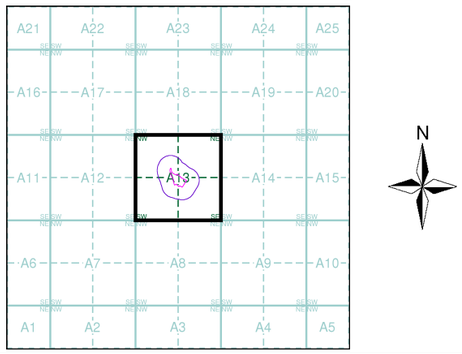
Intégral Géotechnique

Historical Aerial Photography

Published 2000

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

Historical Aerial Photography - Segment A13



Order Details

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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Gravel Pit
Sand Pit
Other Pits
Quarry
Shingle
Orchard
Osiers
Reeds
Marsh
Mixed Wood
Deciduous
Brushwood
Fir
Furze
Rough Pasture
Arrow denotes flow of water
Trigonometrical Station
Site of Antiquities
Bench Mark
Pump, Guide Post, Signal Post
Well, Spring, Boundary Post
·285 Surface Level
Sketched Contour
Instrumental Contour
Main Roads
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
Sunken Road
Raised Road
Road over Railway
Railway over River
Railway over Road
Level Crossing
Road over River or Canal
Road over Stream
Road over Stream
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. Rural District Boundary
Civil Parish Boundary

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Electricity Transmission Line
Pole
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge Single Track
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping

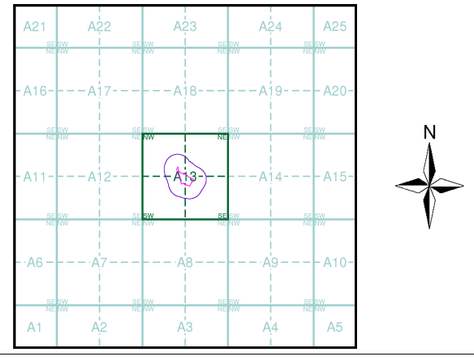
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m Bench mark (where shown)
Triangulation station
Point feature (e.g. Guide Post or Mile Stone)
Pylon, flare stack or lighting tower
Site of (antiquity)
Glasshouse
General Building
Important Building

Intégral Géotechnique

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:10,560	1884	2
Glamorganshire	1:10,560	1900	3
Glamorganshire	1:10,560	1921	4
Glamorganshire	1:10,560	1936	5
Glamorganshire	1:10,560	1938 - 1951	6
Historical Aerial Photography	1:10,560	1945 - 1949	7
Glamorganshire	1:10,560	1951	8
Ordnance Survey Plan	1:10,000	1964 - 1965	9
Ordnance Survey Plan	1:10,000	1970 - 1974	10
Ordnance Survey Plan	1:10,000	1980 - 1983	11
Ordnance Survey Plan	1:10,000	1992 - 1996	12
10K Raster Mapping	1:10,000	1999	13
10K Raster Mapping	1:10,000	2006	14
VectorMap Local	1:10,000	2021	15

Historical Map - Slice A



Order Details

Order Number: 294212658_1_1
Customer Ref: 14036/LP
National Grid Reference: 276040, 196030
Slice: A
Site Area (Ha): 0.78
Search Buffer (m): 1000

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

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Tel: 0844 844 9952
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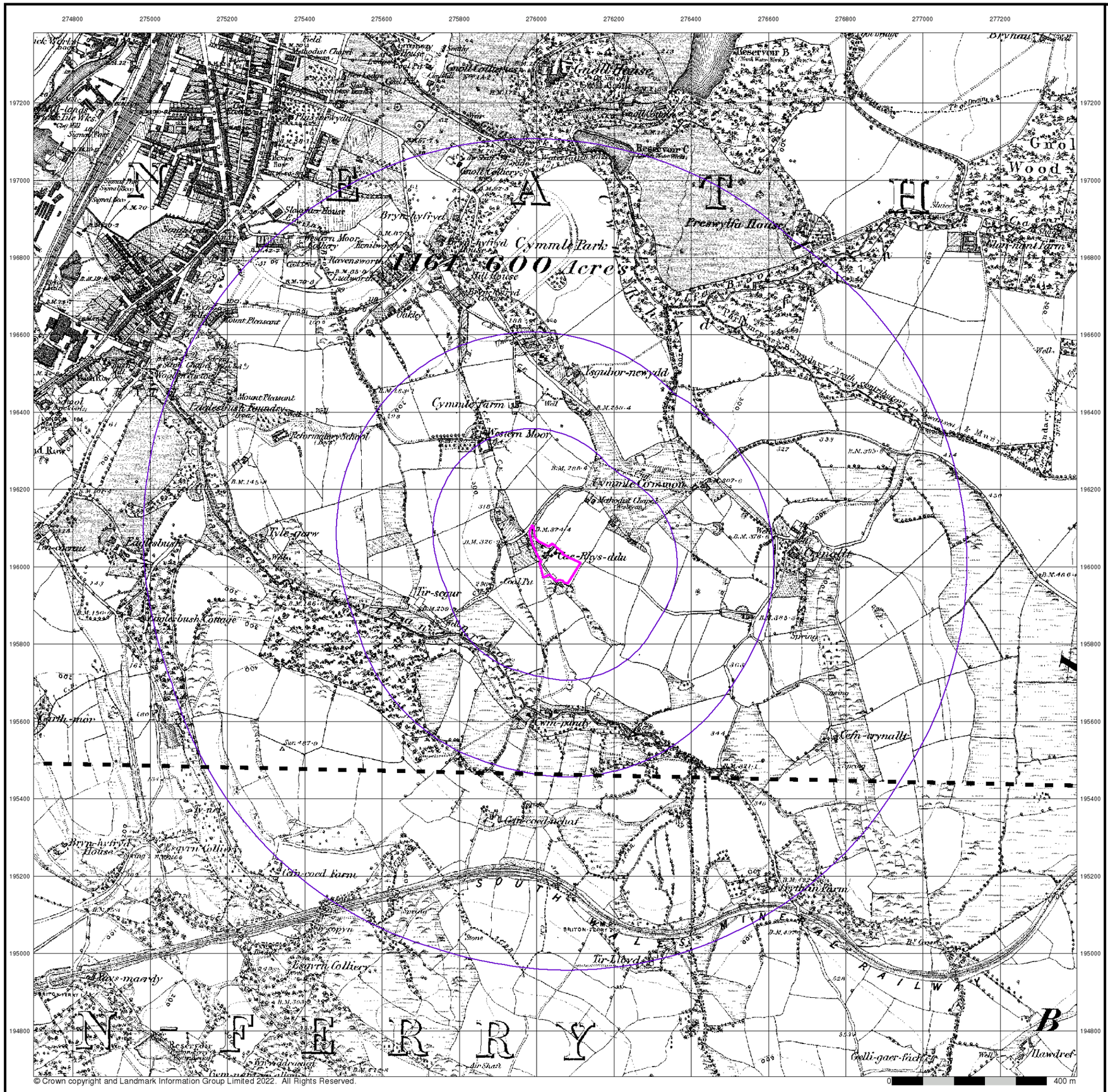


Intégral Géotechnique

Glamorganshire

Published 1884

Source map scale - 1:10,560

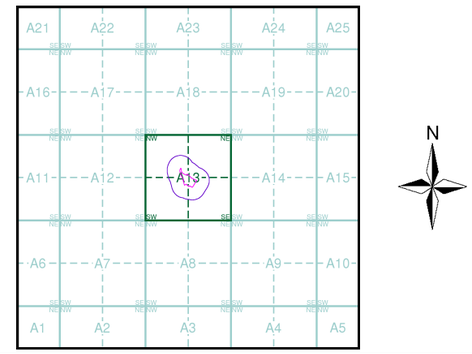
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940`s, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

01600
1884
1:10,560

02500
1884
1:10,560

Historical Map - Slice A



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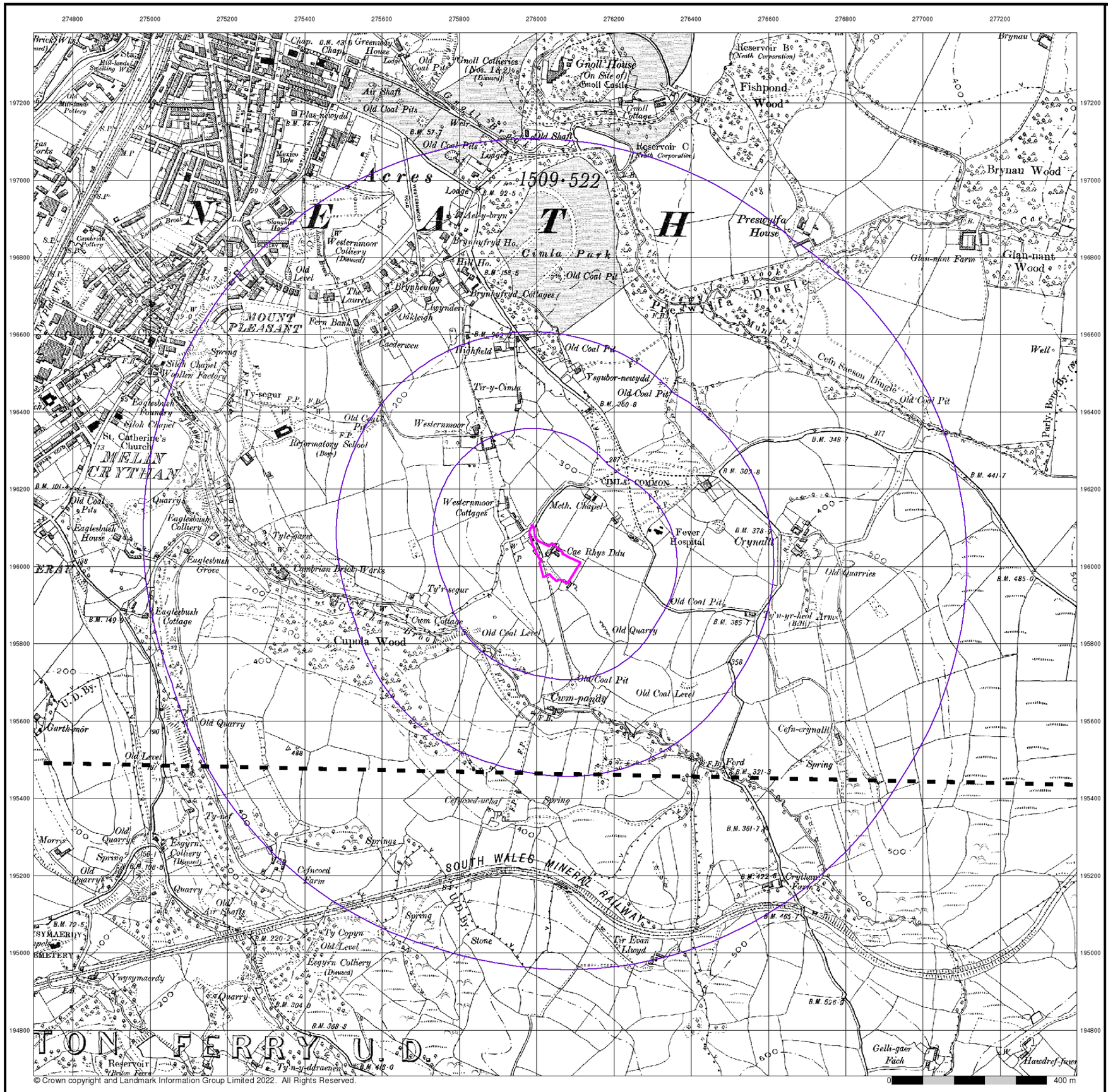

Intégral
Géotechnique

Glamorganshire

Published 1900

Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940`s, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

Historical Map - Slice A

Order Details

Order Number:	294212658_1_1
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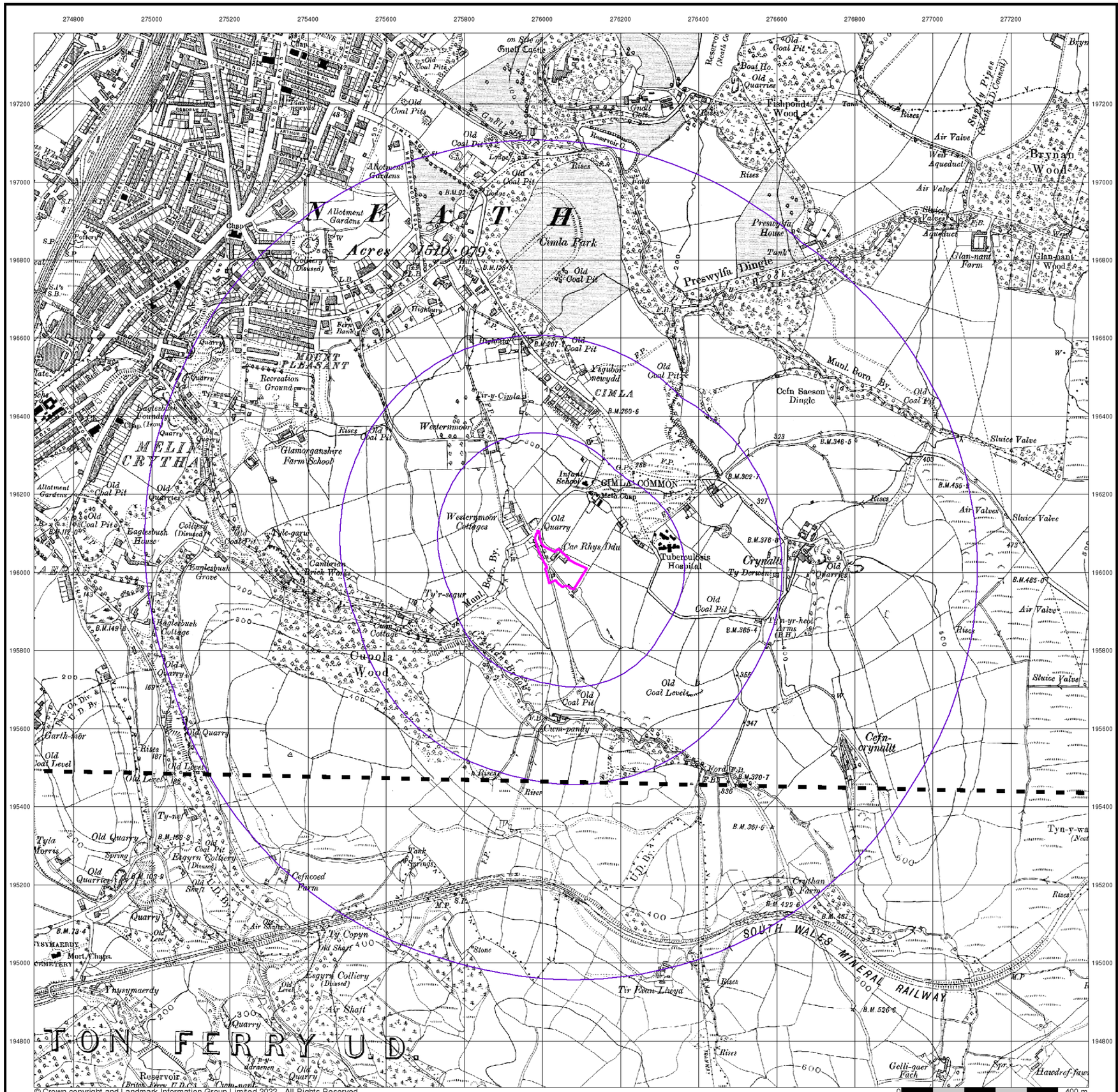

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Intégral
Géotechnique

Glamorganshire

Published 1921

Source map scale - 1:10,560

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Map Name(s) and Date(s)

Historical Map - Slice A

N

Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

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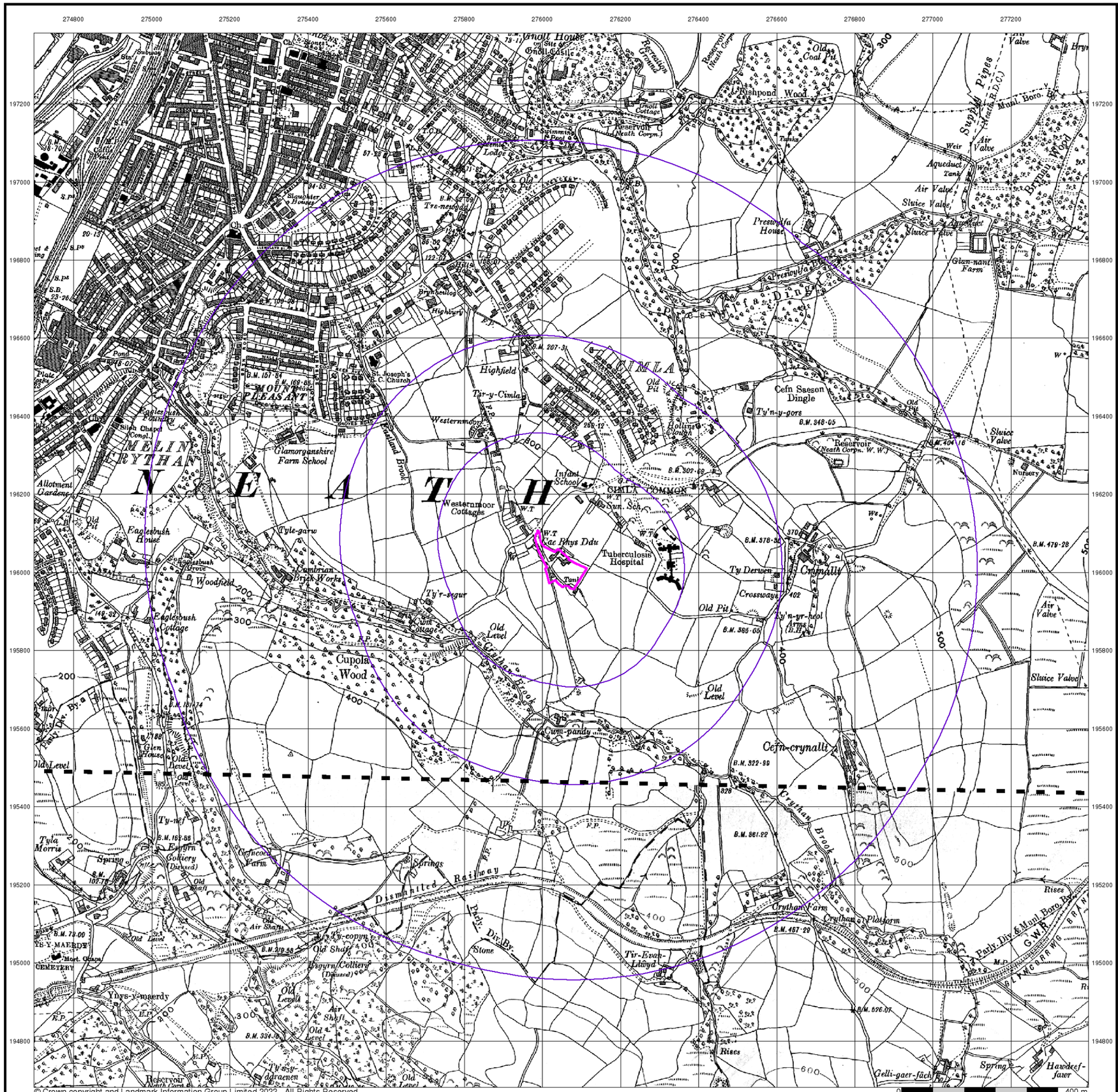


Intégral Géotechnique

Glamorganshire

Published 1936

Source map scale - 1:10,560

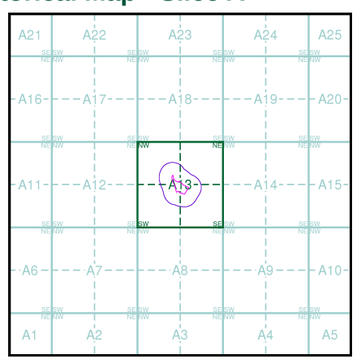
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940`s, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

016SW
1936
1:10,560

025NW
1936
1:10,560

Historical Map - Slice A



Order Details

Order Number:	294212658_1_1
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National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

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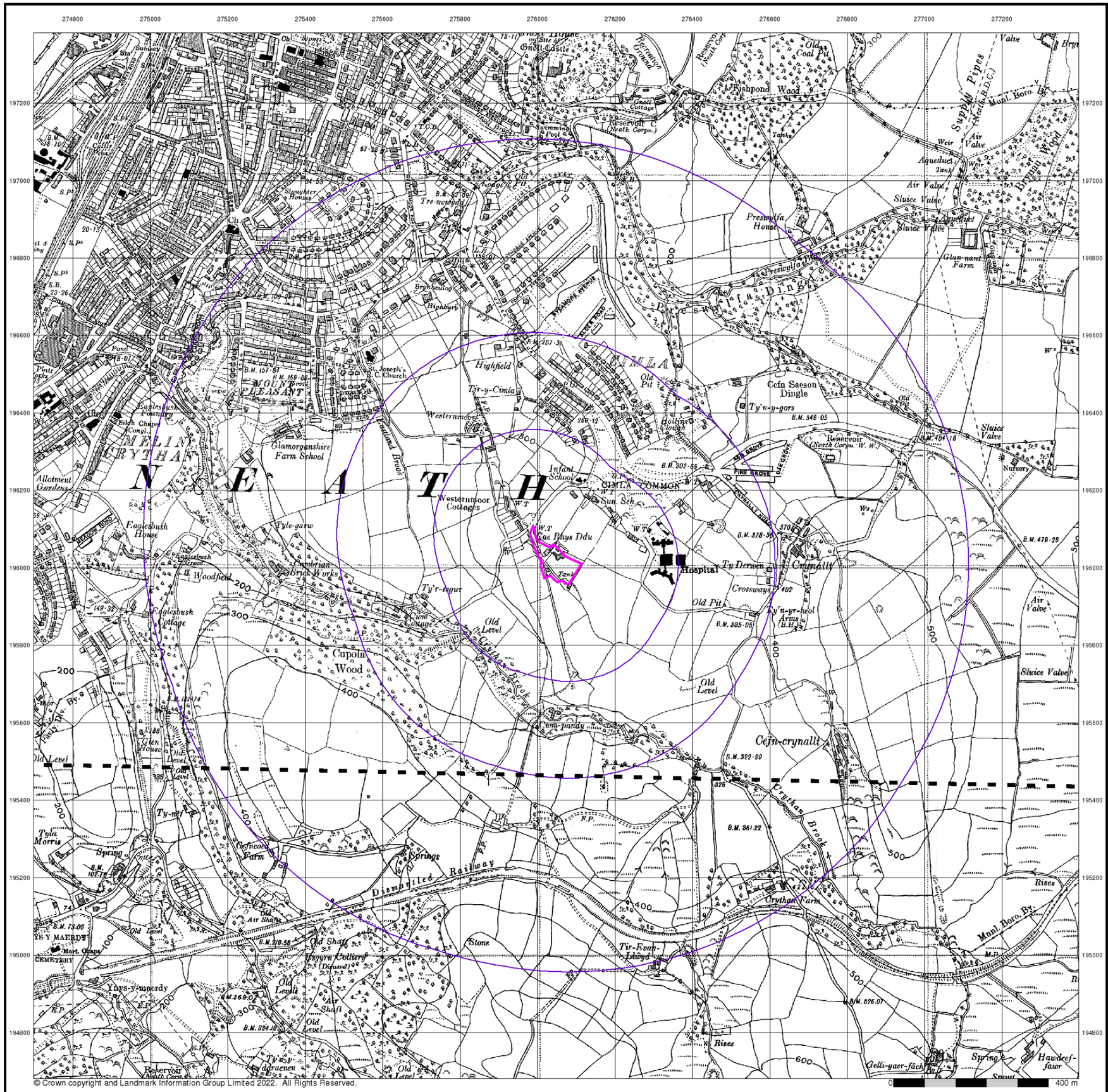

Intégral
Géotechnique

Glamorganshire

Published 1938 - 1951

Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940`s, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

Historical Map - Slice A

Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

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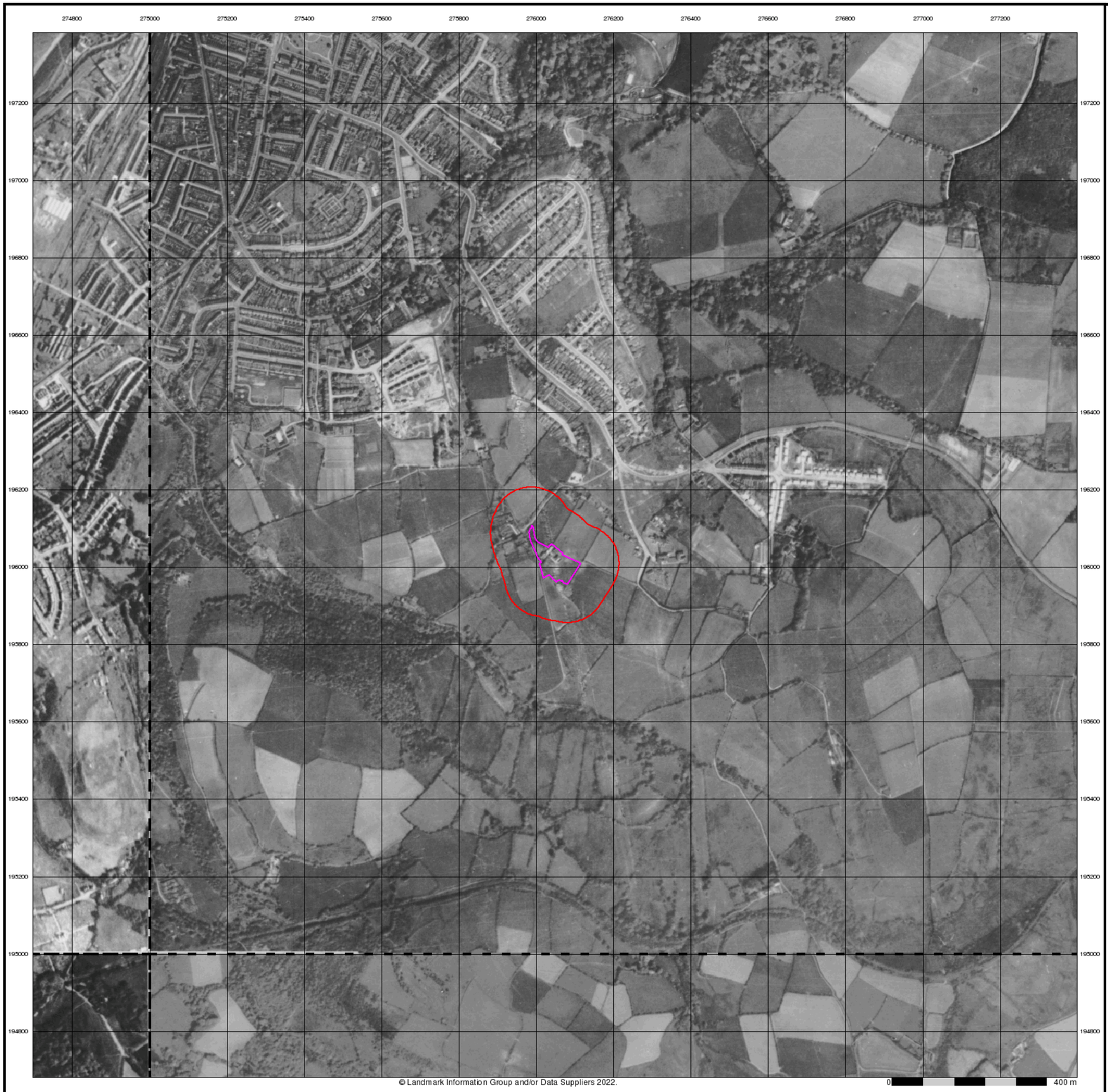


Intégral Géotechnique

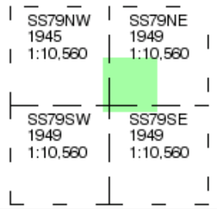
Historical Aerial Photography

Published 1945 - 1949

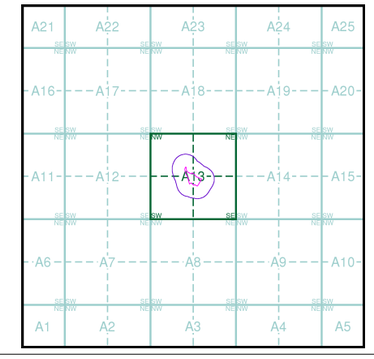
Source map scale - 1:10,560

The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



Order Details

Order Number:	294212658_1_1
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Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

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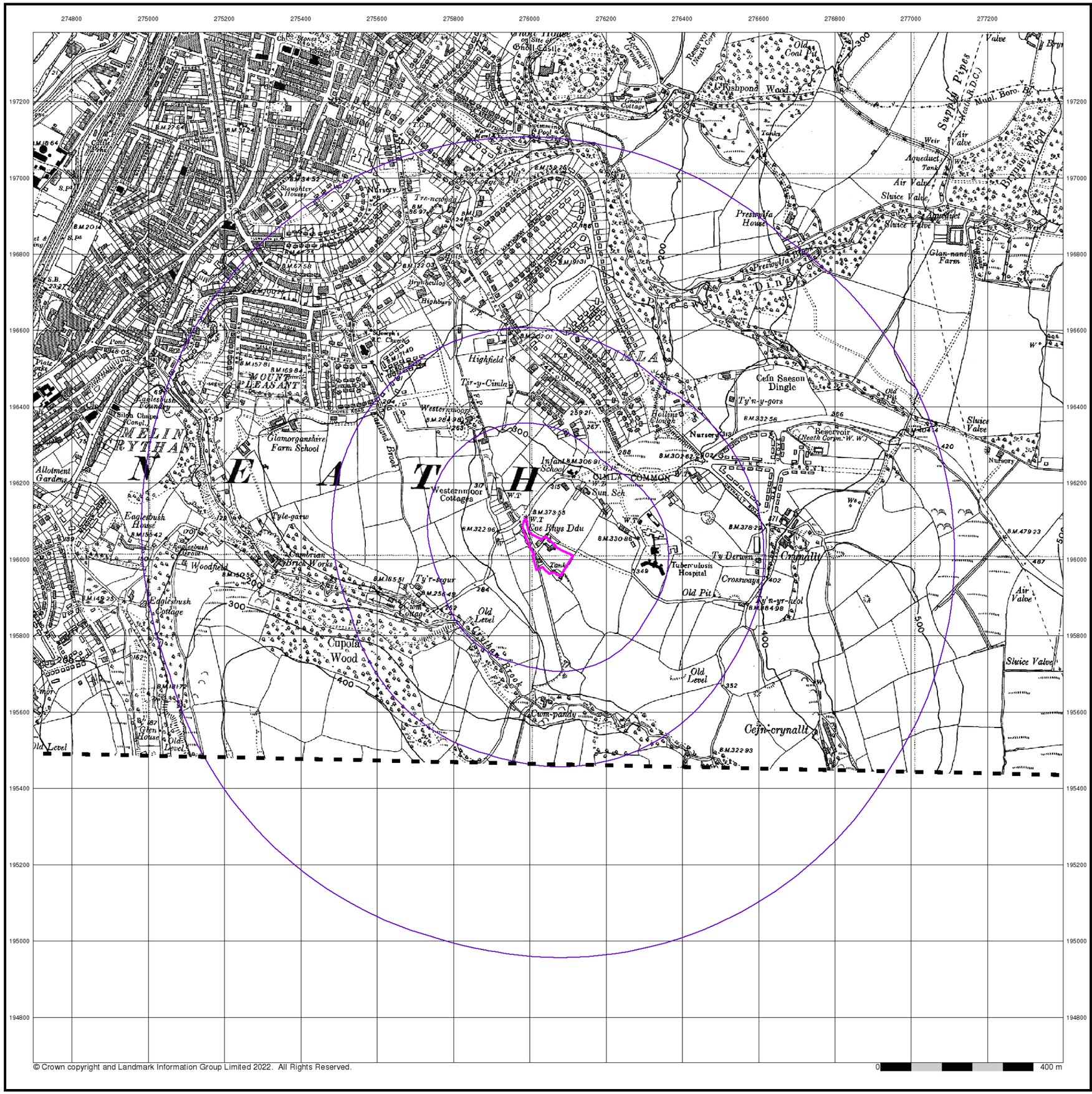


Intégral Géotechnique

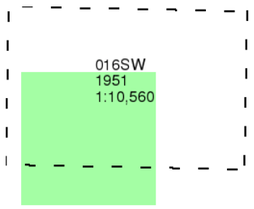
Glamorganshire

Published 1951

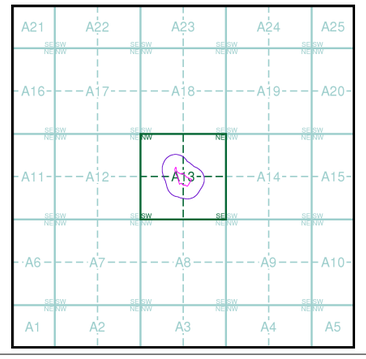
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940`s, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

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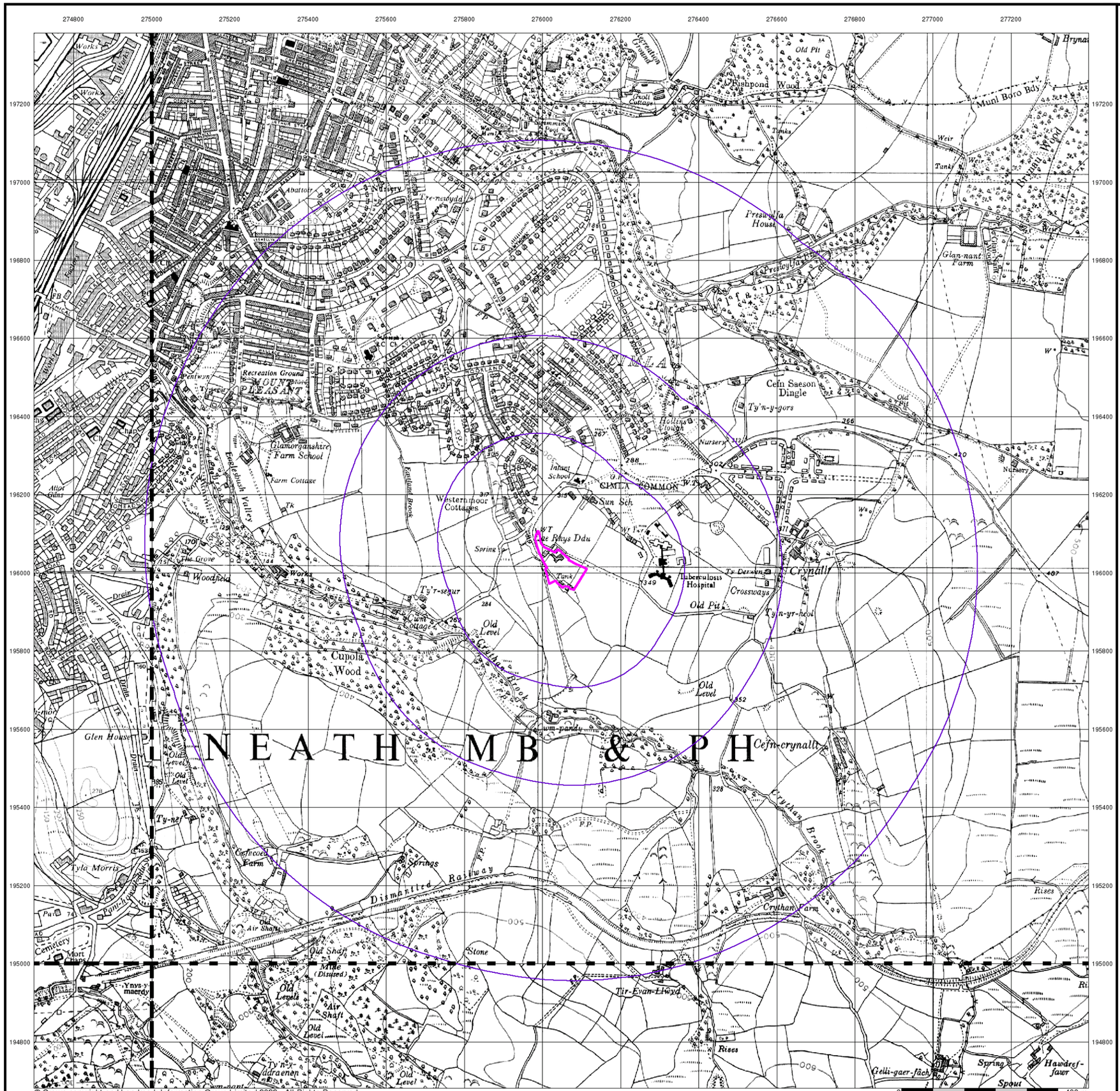

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Intégral
Géotechnique

Ordnance Survey Plan

Published 1964 - 1965

Source map scale - 1:10,000

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Map Name(s) and Date(s)

Historical Map - Slice A

Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

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INFORMATION GROUP

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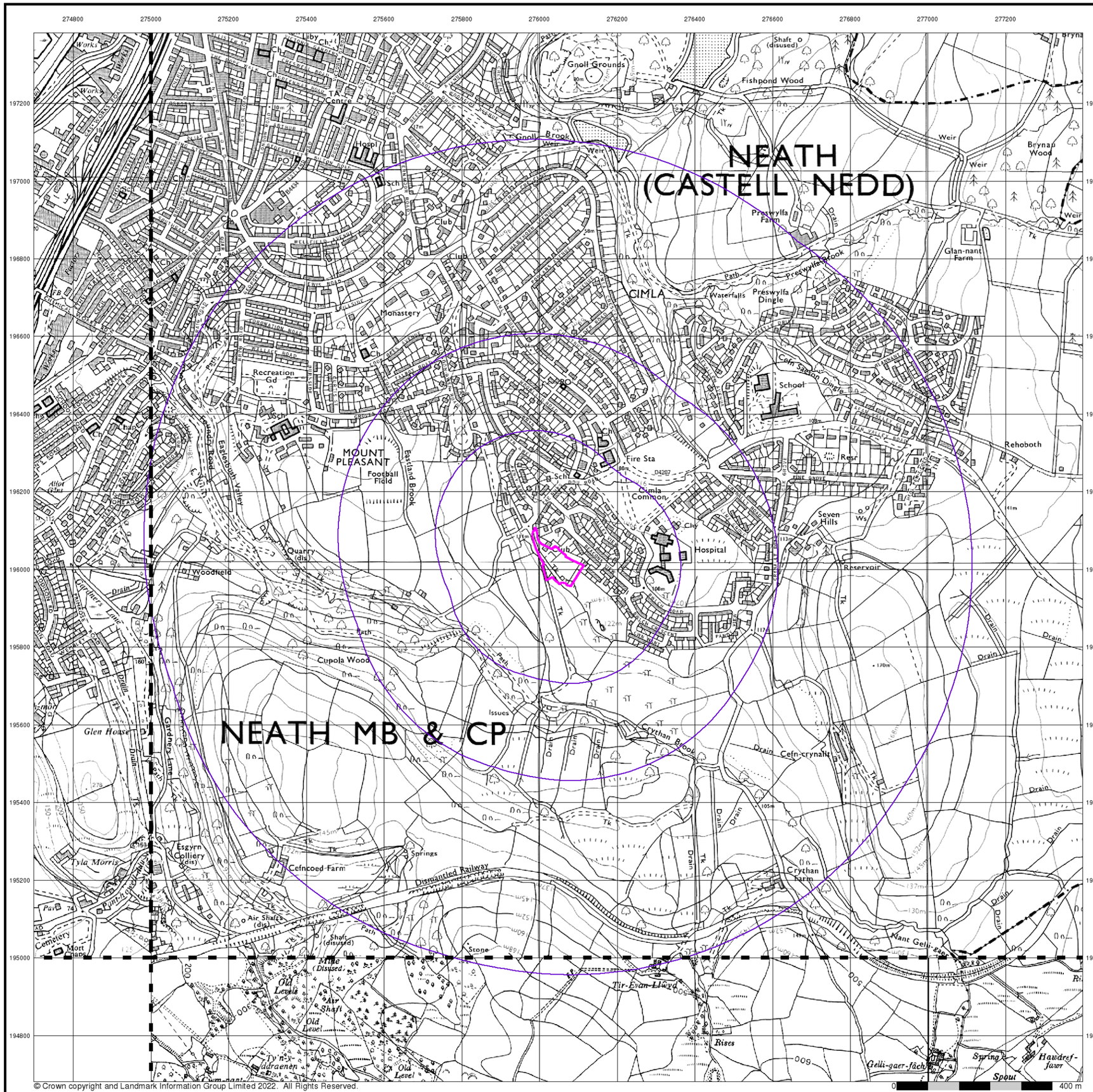


Intégral Géotechnique

Ordnance Survey Plan

Published 1970 - 1974

Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940`s, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

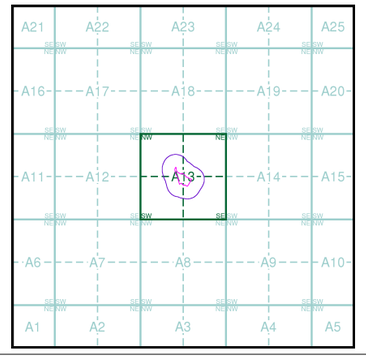
Map Name(s) and Date(s)

SS79NW 1970 1:10,560

SS79NE 1973 1:10,000

SS79SE 1974 1:10,560

Historical Map - Slice A



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

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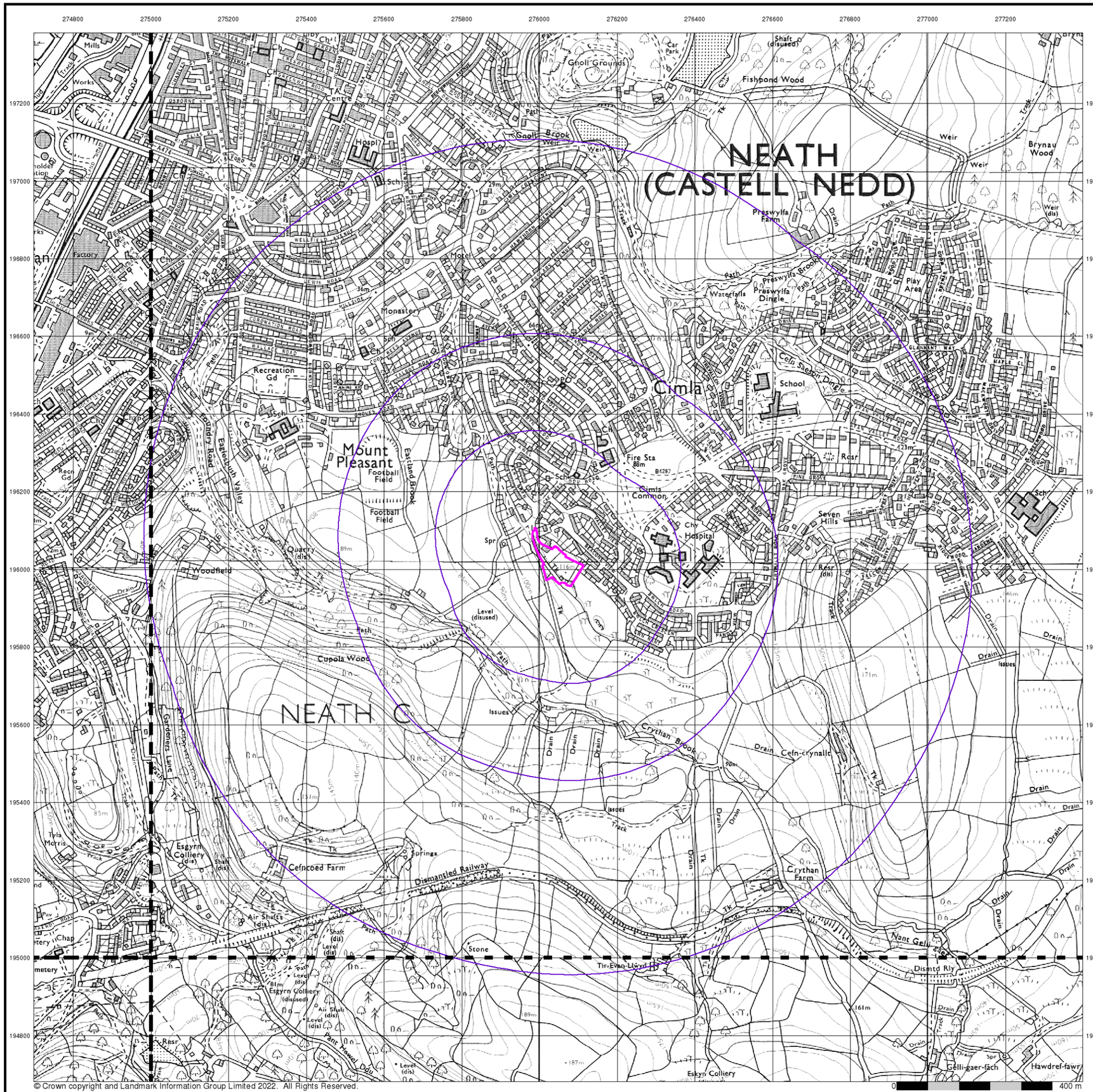

Intégral Géotechnique

Ordnance Survey Plan

Published 1980 - 1983

Source map scale - 1:10,000

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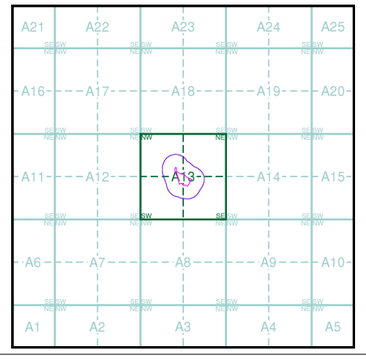
Map Name(s) and Date(s)

SS79NW 1980 1:10,000	SS79NE 1983 1:10,000
SS79SW 1980 1:10,000	SS79SE 1980 1:10,000

Historical Map - Slice A



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Slice:	A
Site Area (Ha):	0.78
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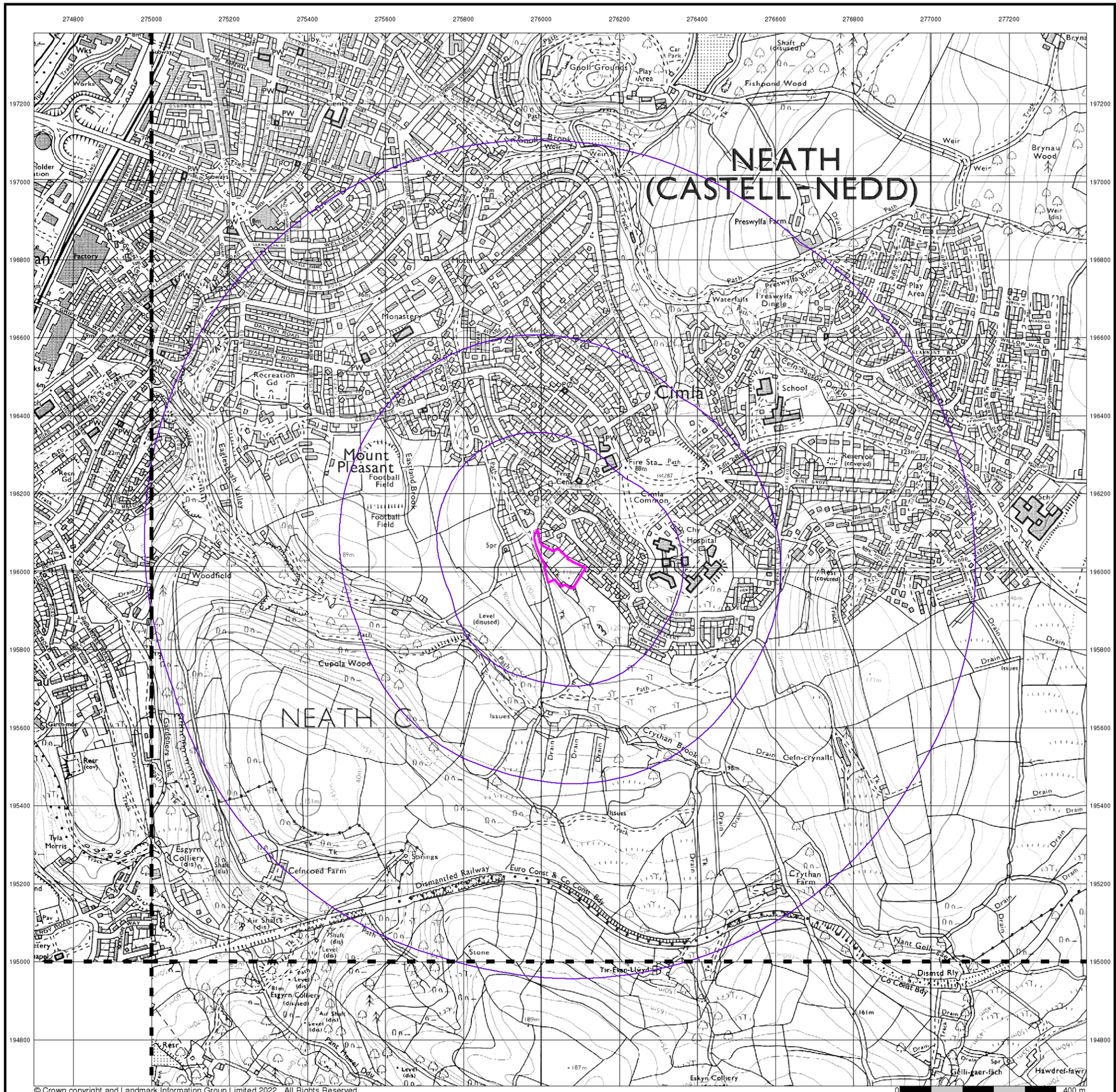


Intégral Géotechnique

Ordnance Survey Plan

Published 1992 - 1996

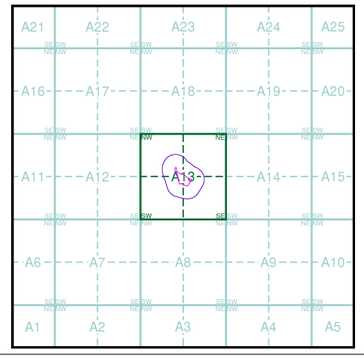
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940`s, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

SS79NW 1992 1:10,000	SS79NE 1992 1:10,000	
		SS79SE 1996 1:10,000

Historical Map - Slice A



Order Details

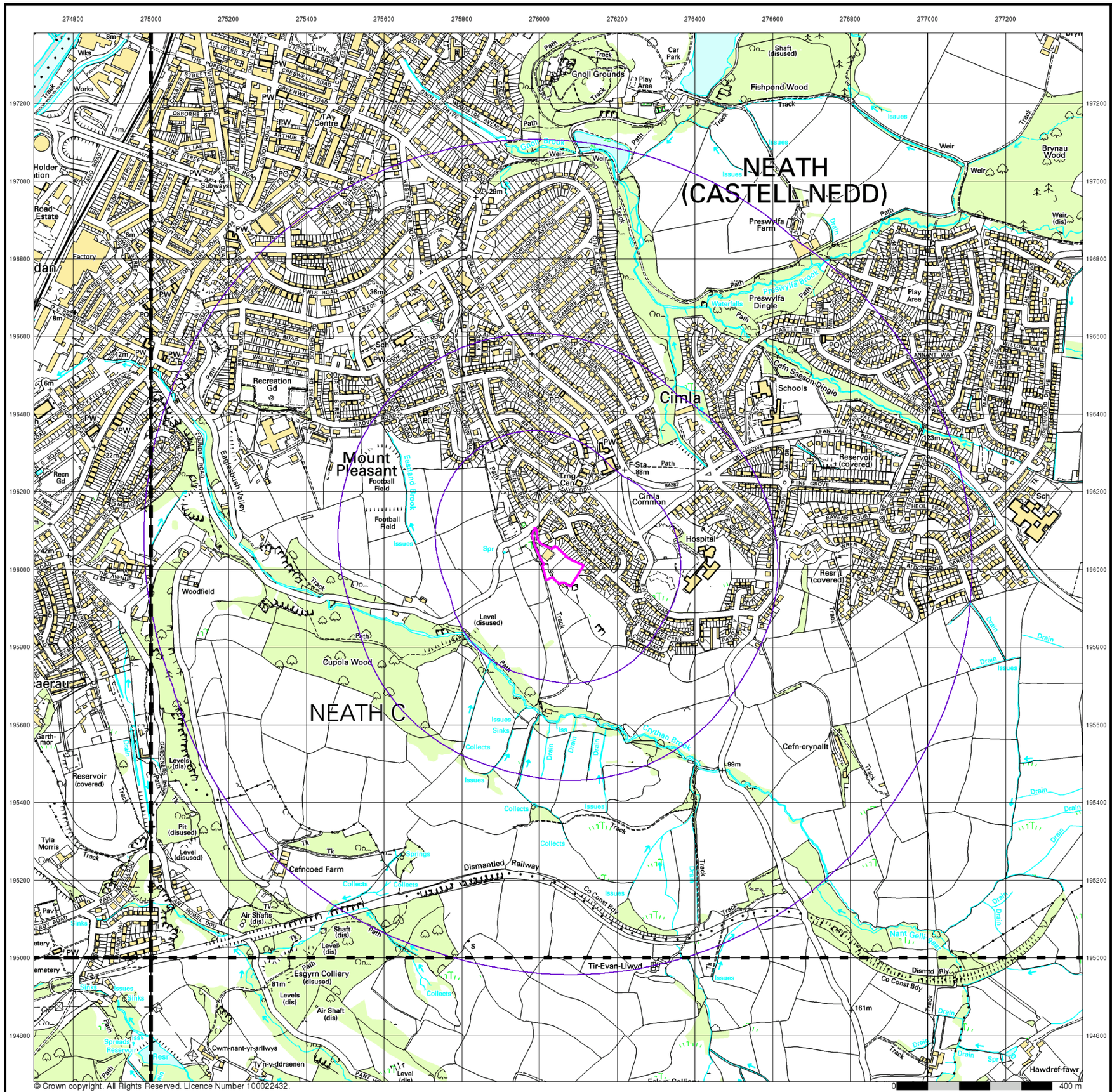
Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

Landmark INFORMATION GROUP

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



Intégral Géotechnique

10k Raster Mapping

Published 1999

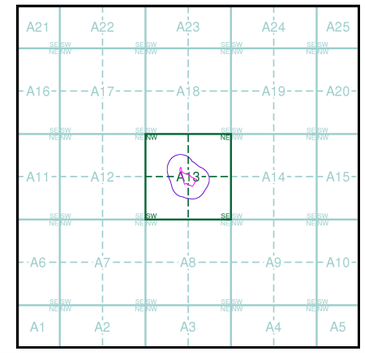
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SS79NW 1999 1:10,000	SS79NE 1999 1:10,000
SS79SW 1999 1:10,000	SS79SE 1999 1:10,000

Historical Map - Slice A



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
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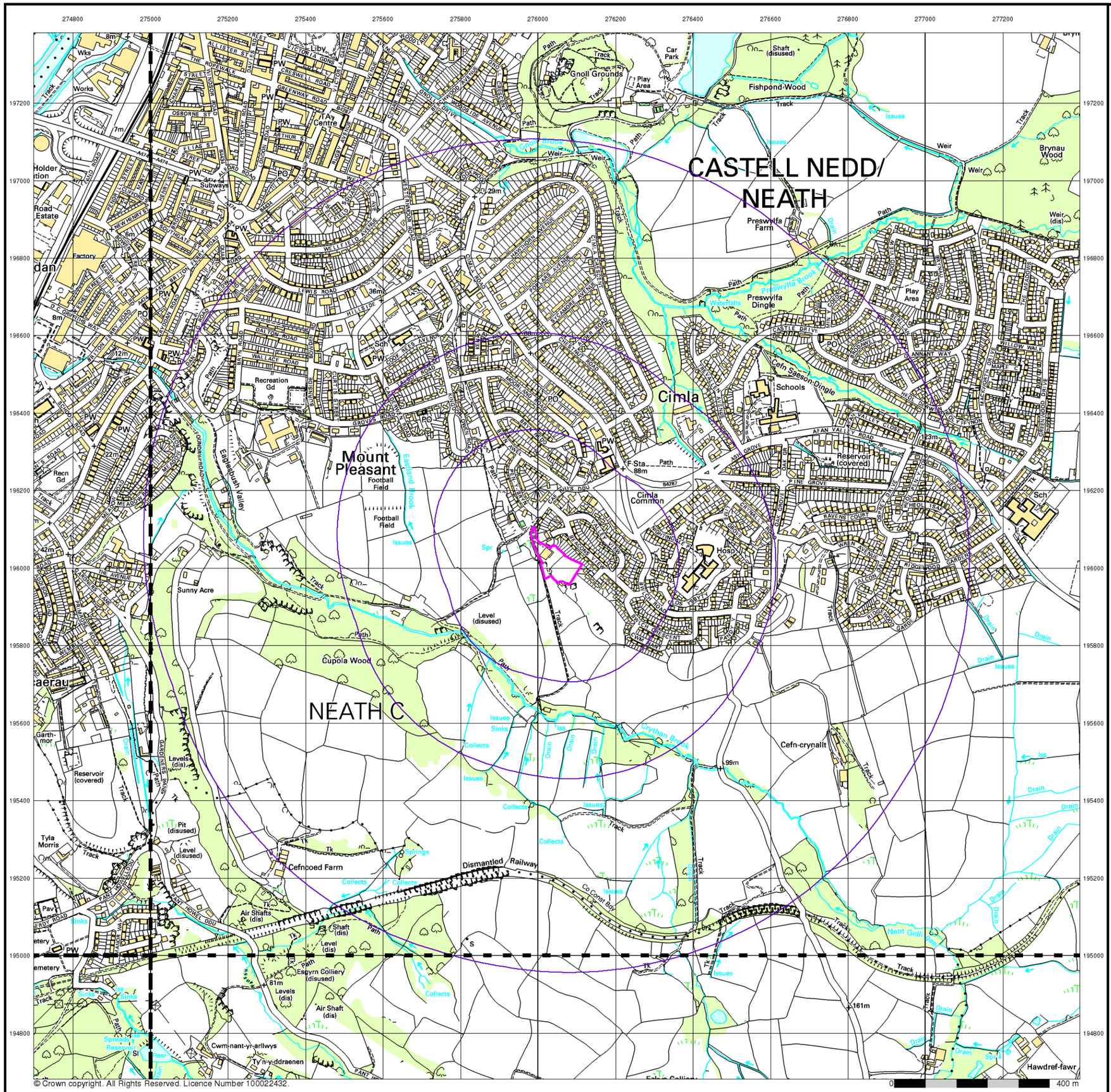


Intégral Géotechnique

10k Raster Mapping

Published 2006

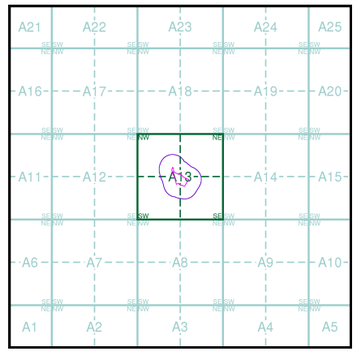
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SS79NW 2006 1:10,000	SS79NE 2006 1:10,000
SS79SW 2006 1:10,000	SS79SE 2006 1:10,000

Historical Map - Slice A



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

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Intégral Géotechnique

VectorMap Local

Published 2021

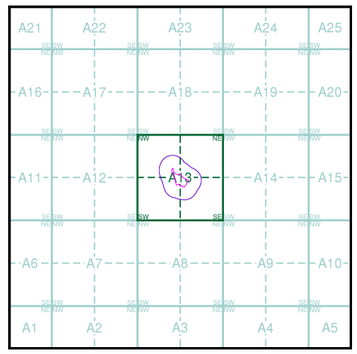
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SS79NW 2021 Variable	SS79NE 2021 Variable
SS79SW 2021 Variable	SS79SE 2021 Variable

Historical Map - Slice A



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

Landmark INFORMATION GROUP

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APPENDIX C Environmental Data Report

Intégral
Géotechnique

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
294212658_1_1

Customer Reference:
14036/LP

National Grid Reference:
276040, 196030

Slice:
A

Site Area (Ha):
0.78

Search Buffer (m):
1000

Site Details:

Phase 1
Former Tudor Inn, Beacons View
Cimla
Neath
SA11 3SB

Client Details:

MR H Pritchard
Integral Geotechnique
Integral House
7 Beddau Way
Castlegate Business Park
Caerphilly
CF83 2AX

Intégral Géotechnique

Contents

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.
For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.
In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

Report Version v53.0

Intégral Géotechnique

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 3		1	5	12
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7		Yes		
Pollution Incidents to Controlled Waters	pg 7			1	4
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 8			1	
Water Abstractions	pg 8				1
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 9	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 9	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 9		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 9		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 10		2	40	136

Intégral Géotechnique

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 30	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 30		1	5	10
Potentially Infilled Land (Water)	pg 31			2	8
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Intégral Géotechnique

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 32	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 32	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 41		3	6	10
BGS Urban Soil Chemistry	pg 44			Yes	Yes
BGS Urban Soil Chemistry Averages	pg 46	Yes			
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 46	Yes	n/a	n/a	n/a
Mining Instability	pg 46	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 46	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 47	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 47		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 47		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 47	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 47	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 48		1	10	8
Fuel Station Entries	pg 49			1	
Points of Interest - Commercial Services	pg 49			1	5
Points of Interest - Education and Health	pg 50			4	
Points of Interest - Manufacturing and Production	pg 50				2
Points of Interest - Public Infrastructure	pg 50		2	3	10
Points of Interest - Recreational and Environmental	pg 51		5	3	6
Gas Pipelines					
Underground Electrical Cables					

Intégral Géotechnique

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 54			7	17
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 55			1	
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SE)	0	1	276040 196030
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	139	1	275900 195900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	140	1	275950 195850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	164	1	276200 196150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	170	1	275900 195850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	170	1	276000 195800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	186	1	275950 195800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	208	1	275850 195850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	209	1	275900 195800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	209	1	276040 195750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	216	1	275800 195950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	218	1	276000 195750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (S)	233	1	275950 195750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	250	1	275800 195850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	257	1	276050 195700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	259	1	276040 195700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (S)	267	1	276000 195700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	281	1	275950 195700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	307	1	276050 195650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	308	1	276040 195650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	314	1	276150 195650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	322	1	275700 196250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	335	1	276150 196400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	337	1	276300 195700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	357	1	276100 195600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	363	1	276150 195600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	372	1	276350 195700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	377	1	276300 195650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	387	1	276450 196200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	410	1	276400 195700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17SE (NW)	412	1	275700 196400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	415	1	276350 196350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	417	1	275650 196350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	431	1	276250 196450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	440	1	276250 195550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	445	1	275950 196550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	445	1	276400 196350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	447	1	276350 195600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	448	1	275650 196400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	449	1	275700 196450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	450	1	276550 195900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	456	1	276350 196400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	463	1	276300 196450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	476	1	276550 196200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	479	1	276400 195600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	480	1	276450 195650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	482	1	275650 196450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (SE)	488	1	276350 195550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (NE)	498	1	276350 196450
1	**Discharge Consents** Operator: Bennett I J Property Type: Undefined Or Other Location: Cimla 5 Noddfa Cottage Western Moor, 5 Noddfa Cottage Western Moor Ne, Western Moor Neath Authority: Natural Resources Wales Catchment Area: River Neath Reference: Bp0018001 Permit Version: 1 Effective Date: 11th June 1986 Issued Date: 11th June 1986 Revocation Date: 11th July 1994 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: To Land **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	83	2	275900 196100
2	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cimla Common 2 Upper Neath Authority: Natural Resources Wales Catchment Area: Not Given Reference: BP0240601 Permit Version: 1 Effective Date: 21st July 1994 Issued Date: 21st July 1994 Revocation Date: 31st March 2004 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Hollins Clough Ditch **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	380	2	276390 196270
3	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso 9 Cimla Common Cimla Neath, Afan Valley Rd, Cimla, Neath, Sa11 3su Authority: Natural Resources Wales Catchment Area: NEATH - CONF WITH NEDD FECHAN AND MELLTE TO TL Reference: Bp0240601 Permit Version: 3 Effective Date: 11th October 2019 Issued Date: 11th October 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Hollins Clough Ditch **Status: Effective** Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	403	2	276411 196281

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso 9 Cimla Common Cimla Neath, Cimla Common, Cimla Authority: Natural Resources Wales Catchment Area: NEATH - CONF WITH NEDD FECHAN AND MELLTE TO TL Reference: Bp0240601 Permit Version: 2 Effective Date: 1st April 2004 Issued Date: 31st March 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Hollins Clough Ditch **Status:** **Effective** Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	403	2	276411 196281
3	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso 9 Cimla Common Cimla Neath, Cimla Common, Cimla Authority: Natural Resources Wales Catchment Area: NEATH - CONF WITH NEDD FECHAN AND MELLTE TO TL Reference: Bp0240601 Permit Version: 2 Effective Date: 1st April 2004 Issued Date: 31st March 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Hollins Clough Ditch **Status:** **Effective** Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	403	2	276411 196281
3	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swo/Hollins Clough Dtch - Nea Authority: Natural Resources Wales Catchment Area: River Neath Reference: BW2903801 Permit Version: 1 Effective Date: 8th June 1967 Issued Date: 8th June 1967 Revocation Date: 31st March 2004 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Hollins Clough Ditch **Status:** **Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	420	2	276450 196260
4	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swo Nr St Joseph Church - Neat Authority: Natural Resources Wales Catchment Area: River Neath Reference: BW2903601 Permit Version: 1 Effective Date: 6th March 1967 Issued Date: 6th March 1967 Revocation Date: 5th March 2003 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Eastland Brook **Status:** **New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	624	2	275540 196540

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: St Joseph'S Church Cso, Nr St Josephs Church, Cook Rees Avenue, Neath, Sa11 1un Authority: Natural Resources Wales Catchment Area: NEATH ESTUARY Reference: Bw2903601 Permit Version: 3 Effective Date: 24th September 2019 Issued Date: 24th September 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Eastland Brook **Status:** **Effective** Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	642	2	275522 196547
4	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Cso 32 Nr St Joesephs Church, Cook Rees Avenue, Neath Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bw2903601 Permit Version: 2 Effective Date: 6th March 2003 Issued Date: 5th March 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Eastland Brook **Status:** **Effective** Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	642	2	275522 196547
4	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Cso 32 Nr St Joesephs Church, Cook Rees Avenue, Neath Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bw2903601 Permit Version: 2 Effective Date: 6th March 2003 Issued Date: 5th March 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Eastland Brook **Status:** **Effective** Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	642	2	275522 196547
5	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Water Supply Grid Location: Cimla Chlorin.Overflow Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0175701 Permit Version: 1 Effective Date: 2nd October 1989 Issued Date: 2nd October 1989 Revocation Date: 14th March 1994 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: To Land **Status:** **Consent expired** Positional Accuracy: Located by supplier to within 100m	A14NE (E)	745	2	276800 196300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swo At Cimla Rd - Neath Authority: Natural Resources Wales Catchment Area: River Neath Reference: BW2903701 Permit Version: 1 Effective Date: 6th March 1967 Issued Date: 6th March 1967 Revocation Date: 31st March 2004 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Gnoll Brook **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	A18NW (N)	788	2	275840 196880
7	**Discharge Consents** Operator: M Davies Property Type: Domestic Property (Single) Location: The Grove Eaglesbush Neath Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: BP0045101 Permit Version: 2 Effective Date: 19th September 1995 Issued Date: 18th September 1995 Revocation Date: Not Supplied Discharge Type: Not Supplied Discharge Environment: Freshwater Stream/River Receiving Water: Unnamed Stram At Eaglebush, Ne **Status: Effective** Positional Accuracy: Located by supplier to within 100m	A12NW (W)	885	2	275100 196150
7	**Discharge Consents** Operator: Mr M Davies Property Type: Domestic Property (Single) Location: The Grove Eaglesbush Neath Authority: Natural Resources Wales Catchment Area: River Neath Reference: Bp0045101 Permit Version: 1 Effective Date: 30th April 1987 Issued Date: 30th April 1987 Revocation Date: 18th September 1995 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Unnamed Stram At Eaglebush, Ne **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 10m	A12NW (W)	885	2	275100 196150
8	**Discharge Consents** Operator: Ballard W & Sons Ltd Property Type: Builders, Carpentry & Joinery Location: Land Sw Afan Val Authority: Natural Resources Wales Catchment Area: River Neath Reference: Bb4001601 Permit Version: 1 Effective Date: 8th January 1973 Issued Date: 8th January 1973 Revocation Date: 21st August 1995 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: River Neath **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A14NE (E)	933	2	277000 196300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso 33 Cimla Road Cimla Neath, Nr 54 Cimla Rd, Cimla, Neath, Neath Port Talbot Cbc, Sa11 3bq Authority: Natural Resources Wales Catchment Area: NEATH - CONF WITH NEDD FECHAN AND MELLTE TO TL Reference: Bw2903701 Permit Version: 3 Effective Date: 7th October 2019 Issued Date: 7th October 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Gnoll Brook **Status:** **Effective** Positional Accuracy: Located by supplier to within 10m	A23SW (N)	979	2	275929 197083
9	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso 33 Cimla Road Cimla Neath, Cimla, Neath Port Talbot Cbc Authority: Natural Resources Wales Catchment Area: NEATH - CONF WITH NEDD FECHAN AND MELLTE TO TL Reference: Bw2903701 Permit Version: 2 Effective Date: 1st April 2004 Issued Date: 31st March 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Gnoll Brook **Status:** **Effective** Positional Accuracy: Located by supplier to within 10m	A23SW (N)	979	2	275929 197083
9	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso 33 Cimla Road Cimla Neath, Cimla, Neath Port Talbot Cbc Authority: Natural Resources Wales Catchment Area: NEATH - CONF WITH NEDD FECHAN AND MELLTE TO TL Reference: Bw2903701 Permit Version: 2 Effective Date: 1st April 2004 Issued Date: 31st March 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Gnoll Brook **Status:** **Effective** Positional Accuracy: Located by supplier to within 10m	A23SW (N)	979	2	275929 197083
	Nearest Surface Water Feature	A13NW (NW)	199	-	275863 196260
10	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Brook Leading, Down To Gnoll, Ponds Area Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 5th August 1994 Incident Reference: 20738 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	344	3	276400 196200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Between Gnoll Estate And House Authority: Environment Agency, Welsh Region Pollutant: Stagnant Water Note: Mechanical/Electrical Plant Failure Incident Date: 19th August 1996 Incident Reference: 29813 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	722	3	276400 196700
12	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Rear Of Factory Cottage, Former Siliconics Site, NEATH Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Deliberate Act Incident Date: 16th July 1996 Incident Reference: 29179 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	790	3	275200 196200
13	**Pollution Incidents to Controlled Waters** Property Type: Road (Lost Load) Location: Pond Up Stream Of, Waterfall Near, Builders Pub Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Deliberate Act Incident Date: 1st December 1994 Incident Reference: 21885 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	810	3	275200 196300
14	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Surface Water Outfall Location: Jeff Lewis, Transport, Millands Road Authority: Environment Agency, Welsh Region Pollutant: Chlorinated Water Note: Inadequate Design/Capacity Incident Date: 15th November 1995 Incident Reference: 26712 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	910	3	275400 196800
15	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: 24th July 2006 Incident Reference: 420428 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage	A14NW (NE)	405	2	276425 196268
16	**Water Abstractions** Operator: Mr A Thomas Licence Number: 21/58/74/0016 Permit Version: 100 Location: Well At Cefn Crinallt Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Well At Cefn Crinallt Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	708	3	276740 195680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Medium	A13SW (S)	0	2	276040 196000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	A13SW (W)	0	2	276000 196030
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Medium	A13SW (SE)	0	2	276040 196030
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (SE)	0	2	276040 196030
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	238	2	275865 195790
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	240	2	275875 195780
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 218.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13NW (NW)	199	4	275863 196260
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 496.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A13SW (SW)	245	4	275852 195791
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 233.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SW (SW)	251	4	275874 195768
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 166.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A13SW (SW)	251	4	275874 195768
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 193.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Eastland Brook Catchment Name: Neath Primacy: 1	A12NE (W)	301	4	275682 196067
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 222.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	327	4	275969 195646
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 39.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A8NW (S)	327	4	275969 195646
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 62.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A8NE (S)	329	4	276085 195628
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 75.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A8NE (S)	335	4	276110 195623

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	337	4	276095 195620
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	337	4	276003 195628
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 31.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A8NW (S)	337	4	276003 195628
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 34.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	340	4	276094 195617
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	340	4	276001 195626
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A8NW (S)	351	4	276028 195609
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	351	4	276044 195608
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	352	4	276028 195609
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 42.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	354	4	276028 195607

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 40.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A8NE (S)	367	4	276166 195600
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	368	4	276162 195598
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Eastland Brook Catchment Name: Neath Primacy: 1	A12NE (NW)	370	4	275649 196254
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 218.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	371	4	275984 195598
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 104.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A12NE (NW)	373	4	275648 196257
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 105.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Eastland Brook Catchment Name: Neath Primacy: 1	A12NE (NW)	373	4	275648 196258
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 132.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	374	4	276087 195583
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	378	4	276171 195590
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 255.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A8NE (S)	381	4	276203 195595

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 165.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	383	4	276142 195579
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	384	4	276198 195591
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 50.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13NE (NE)	384	4	276317 196335
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	389	4	276201 195587
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 86.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	394	4	276168 195572
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 101.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	395	4	276021 195566
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 159.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13NE (NE)	402	4	276363 196328
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	406	4	276213 195573
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 102.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18SE (NE)	427	4	276328 196379

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 209.7 Watercourse Level: Underground Permanent: True Watercourse Name: Eastland Brook Catchment Name: Neath Primacy: 1	A12NE (NW)	452	4	275610 196353
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 40.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A12NE (NW)	469	4	275544 196256
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 87.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	476	4	276160 195487
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A12NE (NW)	489	4	275538 196297
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 107.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	491	4	276431 196384
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 226.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	493	4	276443 196375
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 206.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A12NE (NW)	506	4	275538 196337
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 168.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A8NE (SE)	509	4	276284 195490
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 210.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18SE (NE)	515	4	276350 196474

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18SE (NE)	515	4	276350 196474
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 38.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18SE (NE)	515	4	276351 196473
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 35.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	527	4	276387 196461
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A9NW (SE)	541	4	276391 195513
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A9NW (SE)	553	4	276402 195507
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NW (SE)	553	4	276402 195507
68	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NW (SE)	555	4	276400 195503
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 278.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A12SE (W)	558	4	275446 195928
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 26.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	561	4	276173 195403

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 149.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NW (SE)	563	4	276402 195494
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 94.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	568	4	275982 195398
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	568	4	275982 195398
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A9NW (SE)	570	4	276411 195493
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A9NW (SE)	574	4	276413 195489
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	587	4	276147 195373
77	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	587	4	276170 195377
78	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	611	4	276057 195346
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: Underground Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A9NW (SE)	612	4	276468 195482

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 36.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	614	4	276058 195343
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 446.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A9NW (SE)	615	4	276474 195484
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 52.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NW (NE)	632	4	276664 196321
83	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Eastland Brook Catchment Name: Neath Primacy: 1	A17SE (NW)	640	4	275521 196543
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Eastland Brook Catchment Name: Neath Primacy: 1	A17SE (NW)	640	4	275521 196544
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 84.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NW (E)	657	4	276707 196293
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 193.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A18SE (NE)	658	4	276322 196676
87	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 51.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A18SE (NE)	660	4	276322 196676
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 100.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NW (SE)	666	4	276393 195368

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 287.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NW (SE)	666	4	276393 195368
90	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18SE (NE)	674	4	276381 196655
91	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	680	4	276670 196400
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A18SE (NE)	684	4	276374 196672
93	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 177.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	686	4	276313 195311
94	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 151.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	686	4	276313 195311
95	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 92.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	707	4	276774 196260
96	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	708	4	276517 196592
97	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 125.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	709	4	276453 196643

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 20.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	714	4	276519 196598
99	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 51.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A19SW (NE)	721	4	276430 196677
100	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 26.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	726	4	276533 196602
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 39.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	726	4	276541 196597
102	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 500.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	740	4	276579 196586
103	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (W)	751	4	275232 196103
104	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 99.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A12NW (W)	759	4	275224 196072
105	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 155.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A19SW (NE)	760	4	276467 196698
106	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	762	4	276461 196704

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A18NE (N)	771	4	276259 196829
108	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A18NE (N)	771	4	276259 196829
109	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 76.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (W)	773	4	275213 196163
110	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	789	4	276835 196330
111	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	796	4	275648 195268
112	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	796	4	276844 196326
113	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (W)	796	4	275188 196137
114	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	798	4	275630 195276
115	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A18NE (N)	799	4	276262 196857

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
116	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	800	4	275646 195264
117	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A18NE (N)	801	4	276262 196859
118	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 34.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A18NE (N)	801	4	276262 196859
119	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	802	4	275642 195265
120	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	802	4	275643 195264
121	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A18NE (N)	805	4	276251 196867
122	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A18NE (N)	805	4	276251 196867
123	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 40.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	808	4	276860 196320
124	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 38.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A18NE (N)	809	4	276242 196875

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
125	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 35.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	810	4	275635 195259
126	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A7SE (SW)	810	4	275635 195259
127	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 34.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	812	4	275631 195259
128	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 66.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A12NW (W)	815	4	275170 196152
129	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 37.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	829	4	276322 195164
130	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 459.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	829	4	276322 195164
131	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A18NE (N)	832	4	276257 196893
132	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	836	4	276896 196303
133	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 190.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A12NW (W)	843	4	275149 196214

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 75.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A18NE (N)	843	4	276234 196913
135	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A18NE (N)	843	4	276234 196913
136	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (W)	843	4	275149 196214
137	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	844	4	275612 195233
138	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	846	4	276909 196297
139	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (W)	846	4	275146 196213
140	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 57.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	854	4	275607 195225
141	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 95.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18NW (N)	861	4	275918 196965
142	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 113.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	863	4	276929 196292

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A18NE (N)	868	4	276249 196934
144	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 145.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19NW (NE)	870	4	276594 196735
145	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 123.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A19NW (NE)	870	4	276594 196735
146	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	876	4	275617 195194
147	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	878	4	275607 195197
148	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 50.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A18NE (N)	892	4	276253 196958
149	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	892	4	275602 195183
150	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (W)	897	4	275092 196198
151	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 35.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	904	4	275612 195165

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
152	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A18NE (N)	908	4	276217 196985
153	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 162.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (W)	909	4	275079 196190
154	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 49.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	909	4	275567 195183
155	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A18NE (N)	918	4	276207 196998
156	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A18NE (N)	918	4	276221 196994
157	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 54.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	918	4	275579 195167
158	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18NW (N)	921	4	275900 197023
159	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.9 Watercourse Level: Underground Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A17SW (W)	926	4	275106 196389
160	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 70.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	931	4	277038 195895

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 36.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18NW (N)	934	4	275923 197038
162	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	938	4	276989 196347
163	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	941	4	276985 196363
164	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	944	4	276990 196360
165	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 95.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	947	4	276993 196359
166	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A17SW (W)	950	4	275085 196404
167	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 98.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	953	4	275528 195155
168	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 20.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A23SE (N)	954	4	276106 197053
169	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 192.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7SE (SW)	963	4	275558 195127

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
170	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 309.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	964	4	277041 196272
171	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.3 Watercourse Level: Underground Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A17SW (W)	964	4	275074 196413
172	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 182.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gnoll Brook Catchment Name: Neath Primacy: 1	A23SW (N)	965	4	275971 197071
173	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 89.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A23SE (N)	969	4	276186 197055
174	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A23SW (N)	969	4	275929 197073
175	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19NW (NE)	970	4	276702 196780
176	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A19NW (NE)	970	4	276702 196780
177	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A19NW (NE)	972	4	276704 196781
178	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A19NW (NE)	972	4	276704 196781

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
179	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: Underground Permanent: True Watercourse Name: Gnoll Brook Catchment Name: Neath Primacy: 1	A23SE (N)	973	4	276105 197073
180	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 176.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9SW (SE)	973	4	276524 195090
181	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gnoll Brook Catchment Name: Neath Primacy: 1	A23SE (N)	974	4	276105 197073
182	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gnoll Brook Catchment Name: Neath Primacy: 1	A23SE (N)	974	4	276107 197073
183	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19NE (NE)	976	4	276726 196769
184	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19NE (NE)	976	4	276728 196768
185	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: Underground Permanent: True Watercourse Name: Gnoll Brook Catchment Name: Neath Primacy: 1	A23SE (N)	976	4	276108 197075
186	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 140.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A23SE (N)	977	4	276109 197076
187	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 117.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Preswylfa Brook Catchment Name: Neath Primacy: 1	A19NW (NE)	979	4	276721 196777

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
188	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19NW (NE)	979	4	276700 196794
189	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19NW (NE)	979	4	276721 196777
190	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 111.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A17SW (W)	984	4	275060 196434
191	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 201.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A11NE (W)	985	4	274998 196052
192	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 371.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gnoll Brook Catchment Name: Neath Primacy: 1	A23SW (N)	985	4	275929 197090
193	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 185.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A23SE (N)	993	4	276265 197061
194	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A15SW (E)	997	4	277106 195911

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Neath Port Talbot County Borough Council - Has supplied landfill data		0	5	276040 196030
195	**Potentially Infilled Land (Non-Water)** Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13SW (SW)	113	-	275907 195953
196	**Potentially Infilled Land (Non-Water)** Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A8NE (S)	271	-	276084 195686
197	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14SW (E)	387	-	276483 195893
198	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A8NE (SE)	405	-	276384 195688
199	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SW (N)	455	-	276044 196558
200	**Potentially Infilled Land (Non-Water)** Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SE (NE)	490	-	276326 196463
201	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14NW (E)	573	-	276686 196043
202	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18NE (N)	645	-	276052 196748
203	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14SE (E)	687	-	276801 196001
204	**Potentially Infilled Land (Non-Water)** Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A12SW (W)	721	-	275264 196030
205	**Potentially Infilled Land (Non-Water)** Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A17NE (NW)	868	-	275431 196772
206	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18NW (N)	877	-	275926 196981
207	**Potentially Infilled Land (Non-Water)** Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A17NW (NW)	904	-	275354 196750
208	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18NW (N)	910	-	275784 196993
209	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A19SE (E)	969	-	276999 196401
210	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A23SW (N)	996	-	275985 197103

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
211	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A14NW (NE)	377	-	276408 196245
212	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NW (NE)	434	-	276470 196257
213	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A12NE (NW)	587	-	275460 196362
214	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NW (NE)	635	-	276664 196328
215	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1935	A14NE (E)	667	-	276733 196258
216	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NE (E)	669	-	276761 196175
217	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1935	A14NE (E)	687	-	276770 196215
218	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A17NE (NW)	848	-	275449 196761
219	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A17NE (NW)	894	-	275519 196867
220	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A15SW (E)	999	-	277108 195915

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: South Wales Upper Coal Measures Formation	A13SW (SE)	0	1	276040 196030
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (S)	0	1	276040 196000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 45 - 60 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SE)	0	1	276040 196030
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (SW)	26	1	275979 195978
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	108	1	276153 196128
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (SW)	140	1	275918 195874
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NE (NE)	162	1	276184 196170

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SW)	219	1	275824 195869
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 45 - 60 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (W)	275	1	275720 196000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12NE (NW)	355	1	275662 196246
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18SW (N)	394	1	276040 196500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SW (N)	396	1	275947 196500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 45 - 60 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SW (N)	399	1	275927 196500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NE (NE)	401	1	276364 196326
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18SW (NW)	443	1	275785 196500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A14SW (E)	444	1	276558 195999
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A17SE (NW)	487	1	275701 196500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NW (E)	515	1	276597 196192
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 45 - 60 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NW (E)	518	1	276626 196090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18SE (NE)	526	1	276339 196500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SW (E)	532	1	276646 196000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18SE (NE)	540	1	276359 196500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12SW (W)	617	1	275373 195991
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SW (NE)	620	1	276493 196500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SW (W)	676	1	275314 195985

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18SE (NE)	680	1	276334 196692
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 45 - 60 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SE (NW)	684	1	275430 196500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 45 - 60 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SW (NE)	687	1	276451 196616
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 45 - 60 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SW (NE)	709	1	276500 196604
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18NW (N)	714	1	275844 196806
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SW (NE)	731	1	276472 196655

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SW (NE)	745	1	276435 196703
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A9NE (SE)	752	1	276729 195575
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 45 - 60 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SW (NE)	776	1	276500 196691
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A7SE (SW)	799	1	275648 195264
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NE (NW)	868	1	275525 196840
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A9SW (SE)	874	1	276514 195197

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A17NE (NW)	879	1	275631 196909
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NE (NW)	885	1	275661 196928
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SE (E)	886	1	277000 196000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 45 - 60 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SE (E)	888	1	277000 195947
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 2.2 - 3.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18NW (N)	894	1	275953 197000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: 2.2 - 3.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18NW (N)	894	1	276040 197000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18NW (N)	897	1	275792 196981
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: 2.2 - 3.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18NW (N)	909	1	275823 197000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 2.2 - 3.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18NW (N)	919	1	275774 197000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: 2.2 - 3.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18NE (N)	919	1	276203 197000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NE (NW)	927	1	275649 196969
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: 2.2 - 3.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NE (N)	943	1	275689 197000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NW (NW)	955	1	275341 196809
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A3NW (S)	957	1	276040 195000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: 2.2 - 3.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A3NW (S)	960	1	276000 195000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 2.2 - 3.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NE (NW)	960	1	275638 197000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 2.2 - 3.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18NE (N)	973	1	276373 197000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 2.2 - 3.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A23SW (N)	986	1	275739 197060

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
221	**BGS Recorded Mineral Sites** Site Name: Westernmoor Cottages Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154443 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	21	1	275978 196125
222	**BGS Recorded Mineral Sites** Site Name: Cae Rhys Ddu Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154423 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	148	1	276171 195839
223	**BGS Recorded Mineral Sites** Site Name: Cwm Cottage Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154424 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	225	1	275843 195832
224	**BGS Recorded Mineral Sites** Site Name: Cwm-Pandy Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154432 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (S)	261	1	276094 195696
225	**BGS Recorded Mineral Sites** Site Name: Ty'N-Yr-Heol Arms Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154421 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14SW (E)	391	1	276489 195901
226	**BGS Recorded Mineral Sites** Site Name: Cwm-Pandy Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154433 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	405	1	276387 195691

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
227	**BGS Recorded Mineral Sites** Site Name: Highfield Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154414 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (N)	456	1	276063 196556
228	**BGS Recorded Mineral Sites** Site Name: Ty-Segur Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154425 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	477	1	275603 196387
229	**BGS Recorded Mineral Sites** Site Name: Ysgubor-Newydd Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154422 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	496	1	276322 196474
230	**BGS Recorded Mineral Sites** Site Name: Gimlu Park Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154412 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18NE (N)	650	1	276059 196752
231	**BGS Recorded Mineral Sites** Site Name: Crynollt Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154420 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SE (E)	691	1	276805 196007
232	**BGS Recorded Mineral Sites** Site Name: Cimla Park Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154451 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18NW (N)	886	1	275898 196988

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
233	**BGS Recorded Mineral Sites** Site Name: Eaglesbush Grove Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154426 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NW (W)	891	1	275095 196171
234	**BGS Recorded Mineral Sites** Site Name: Westernmoor Colliery Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154409 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A17NW (NW)	907	1	275353 196754
235	**BGS Recorded Mineral Sites** Site Name: Cefn Saeson Dingle Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154419 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	913	1	276926 196425
236	**BGS Recorded Mineral Sites** Site Name: Mount Pleasant Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154442 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	937	1	275175 196572
237	**BGS Recorded Mineral Sites** Site Name: Gnoll Colliery Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154410 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A23SW (N)	981	1	275778 197064
238	**BGS Recorded Mineral Sites** Site Name: Garth-Mor Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154431 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	986	1	275103 195605

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
239	**BGS Recorded Mineral Sites** Site Name: Gnoll Colliery Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154411 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A23SW (N)	994	1	275873 197094
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 276240, 195760 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured Concentration: 76.00 mg/kg Cadmium Measured Concentration: 1.90 mg/kg Chromium Measured Concentration: 90.40 mg/kg Lead Measured Concentration: 125.30 mg/kg Nickel Measured Concentration: 34.60 mg/kg	A13SE (SE)	253	1	276240 195760
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 275750, 196240 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured Concentration: 57.60 mg/kg Cadmium Measured Concentration: 2.00 mg/kg Chromium Measured Concentration: 78.00 mg/kg Lead Measured Concentration: 151.80 mg/kg Nickel Measured Concentration: 28.90 mg/kg	A13NW (NW)	274	1	275750 196240
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 276270, 196260 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured Concentration: 19.80 mg/kg Cadmium Measured Concentration: 0.40 mg/kg Chromium Measured Concentration: 48.50 mg/kg Lead Measured Concentration: 54.10 mg/kg Nickel Measured Concentration: 21.00 mg/kg	A13NE (NE)	295	1	276270 196260
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 275750, 195750 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured Concentration: 57.90 mg/kg Cadmium Measured Concentration: 1.30 mg/kg Chromium Measured Concentration: 66.80 mg/kg Lead Measured Concentration: 80.90 mg/kg Nickel Measured Concentration: 26.20 mg/kg	A13SW (SW)	349	1	275750 195750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 276750, 195750 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured Concentration: 112.40 mg/kg Cadmium Measured Concentration: 0.70 mg/kg Chromium Measured Concentration: 71.20 mg/kg Lead Measured Concentration: 217.00 mg/kg Nickel Measured Concentration: 50.20 mg/kg	A14SE (E)	687	1	276750 195750
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 275730, 196750 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured Concentration: 73.70 mg/kg Cadmium Measured Concentration: 3.30 mg/kg Chromium Measured Concentration: 77.50 mg/kg Lead Measured Concentration: 935.60 mg/kg Nickel Measured Concentration: 116.90 mg/kg	A18NW (NW)	694	1	275730 196750
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 276250, 196760 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured Concentration: 80.10 mg/kg Cadmium Measured Concentration: 0.50 mg/kg Chromium Measured Concentration: 74.60 mg/kg Lead Measured Concentration: 237.30 mg/kg Nickel Measured Concentration: 37.50 mg/kg	A18NE (N)	704	1	276250 196760
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 276780, 196260 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured Concentration: 71.00 mg/kg Cadmium Measured Concentration: 1.80 mg/kg Chromium Measured Concentration: 56.50 mg/kg Lead Measured Concentration: 119.80 mg/kg Nickel Measured Concentration: 33.60 mg/kg	A14NE (E)	712	1	276780 196260
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 275250, 196250 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured Concentration: 60.20 mg/kg Cadmium Measured Concentration: 1.90 mg/kg Chromium Measured Concentration: 65.30 mg/kg Lead Measured Concentration: 188.70 mg/kg Nickel Measured Concentration: 36.40 mg/kg	A12NW (W)	750	1	275250 196250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 275250, 195740 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured Concentration: 75.90 mg/kg Cadmium Measured Concentration: 1.90 mg/kg Chromium Measured Concentration: 63.10 mg/kg Lead Measured Concentration: 90.50 mg/kg Nickel Measured Concentration: 28.70 mg/kg	A12SW (W)	803	1	275250 195740
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 276730, 196760 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured Concentration: 13.70 mg/kg Cadmium Measured Concentration: 0.40 mg/kg Chromium Measured Concentration: 58.20 mg/kg Lead Measured Concentration: 28.30 mg/kg Nickel Measured Concentration: 26.10 mg/kg	A19NE (NE)	971	1	276730 196760
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: Swansea Count Id: 368 Arsenic Minimum Concentration: 8.00 mg/kg Arsenic Average Concentration: 79.00 mg/kg Arsenic Maximum Concentration: 2161.00 mg/kg Cadmium Minimum Concentration: 0.10 mg/kg Cadmium Average Concentration: 2.90 mg/kg Cadmium Maximum Concentration: 61.90 mg/kg Chromium Minimum Concentration: 13.00 mg/kg Chromium Average Concentration: 72.00 mg/kg Chromium Maximum Concentration: 562.00 mg/kg Lead Minimum Concentration: 23.00 mg/kg Lead Average Concentration: 413.00 mg/kg Lead Maximum Concentration: 10000.00 mg/kg Nickel Minimum Concentration: 8.00 mg/kg Nickel Average Concentration: 52.00 mg/kg Nickel Maximum Concentration: 384.00 mg/kg	A13SW (SE)	0	1	276040 196030
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SW (SE)	0	6	276040 196030
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (SE)	0	-	276040 196030
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	276040 196030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	276040 196030
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	276040 196030
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	276040 196030
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	15	1	275984 196002
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	116	1	276165 196121
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	276040 196030
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	116	1	276165 196121
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	276040 196030
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	15	1	275984 196002
	Radon Potential - Radon Affected Areas Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	276040 196026
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	276040 196030
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	276040 196026
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	276040 196030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
240	**Contemporary Trade Directory Entries** Name: Peter Court Location: 1, Brynawel, Cimla, Neath, West Glamorgan, SA11 1JF Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	152	-	276076 196232
241	**Contemporary Trade Directory Entries** Name: Emec Ltd Location: 45, Moorland Road, Neath, West Glamorgan, SA11 1JW Classification: Mechanical Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	299	-	276005 196405
241	**Contemporary Trade Directory Entries** Name: John Mcateer Location: 62, Moorland Road, Neath, West Glamorgan, SA11 1JN Classification: Coal & Smokeless Fuel Merchants & Distributors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	309	-	276036 196412
242	**Contemporary Trade Directory Entries** Name: Cimla Service Station Location: Cimla Rd, Neath, West Glamorgan, SA11 3UG Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	312	-	276176 196356
243	**Contemporary Trade Directory Entries** Name: Cimla Hospital Location: Cimla Common, Neath, West Glamorgan, SA11 3SU Classification: Hospitals **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	323	-	276436 195989
243	**Contemporary Trade Directory Entries** Name: Cimla Hospital Location: Cimla Common, Neath, West Glamorgan, SA11 3SU Classification: Hospitals **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	323	-	276436 195989
244	**Contemporary Trade Directory Entries** Name: D A B Haulage Location: 29, Lime Grove, Neath, West Glamorgan, SA11 3PT Classification: Waste Disposal Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (E)	324	-	276417 196123
245	**Contemporary Trade Directory Entries** Name: The Cimla Gas Man Location: 129, Cimla Road, Neath, West Glamorgan, SA11 3UE Classification: Boilers - Servicing, Replacements & Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SE (N)	348	-	276076 196443
245	**Contemporary Trade Directory Entries** Name: D T Hunkin Location: 117, Cimla Road, Neath, West Glamorgan, SA11 3UE Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	364	-	276038 196467
246	**Contemporary Trade Directory Entries** Name: Appliance Repair Sos Location: 3, Alder Road, Neath, SA11 3NY Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SE (N)	500	-	276136 196584
246	**Contemporary Trade Directory Entries** Name: Appliance Repairs Sos Location: 3, Alder Road, Neath, West Glamorgan, SA11 3NY Classification: Washing Machines - Servicing & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (N)	500	-	276136 196584
247	**Contemporary Trade Directory Entries** Name: Gunner Xpress Location: 24, OAK GROVE, NEATH, SA11 3RA Classification: Freight Forwarders **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (E)	543	-	276638 196151

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
248	**Contemporary Trade Directory Entries** Name: Pressed For Time Ironing Service Location: 146, Ridgewood Gardens, Cimla, Neath, West Glamorgan, SA11 3QG Classification: Ironing & Home Laundry Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	768	-	276875 195913
248	**Contemporary Trade Directory Entries** Name: Imzanerz Location: 116, Ridgewood Gardens, Cimla, Neath, West Glamorgan, SA11 3QG Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	786	-	276896 195931
249	**Contemporary Trade Directory Entries** Name: Wastebusters Location: 7, Osprey Drive, Neath, West Glamorgan, SA11 3SL Classification: Waste Disposal Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NE (E)	798	-	276901 196138
250	**Contemporary Trade Directory Entries** Name: Measday Pool Services Ltd Location: 29, Cimla Crescent, Neath, West Glamorgan, SA11 3NN Classification: Swimming Pool Contractors, Repairers & Service **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	843	-	275974 196950
251	**Contemporary Trade Directory Entries** Name: The 5 Star Laundry Location: 55, Castle Drive, Neath, West Glamorgan, SA11 3YF Classification: Laundries & Launderettes **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	868	-	276757 196593
252	**Contemporary Trade Directory Entries** Name: Lewis Road Motors Location: Lewis Road, Neath, West Glamorgan, SA11 1DX Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NW (NW)	935	-	275342 196781
253	**Contemporary Trade Directory Entries** Name: Razzle Dazzle Location: 8, Edwards Street, Neath, West Glamorgan, SA11 1TU Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NW (NW)	1000	-	275206 196730
254	**Fuel Station Entries** Name: Cimla Service Station Location: Upper Cimla Road , , Neath, Neath Port Talbot, SA11 3UG Brand: Obsolete Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Automatically positioned to the address	A18SE (N)	312	-	276116 196391
255	**Points of Interest - Commercial Services** Name: D T Hunkin Location: 117 Cimla Road, Neath, SA11 3UE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (N)	364	7	276038 196467
256	**Points of Interest - Commercial Services** Name: J T Contract Services Location: 8 Caederwen Road, Neath, SA11 1US Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SE (NW)	527	7	275620 196483
257	**Points of Interest - Commercial Services** Name: Gunner Xpress Location: 24 Oak Grove, Neath, SA11 3RA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (E)	543	7	276638 196151
258	**Points of Interest - Commercial Services** Name: D T Hunkin Location: Crynallt Cottage, Crynallt, Neath, SA11 3RL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (E)	556	7	276670 196032

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
259	**Points of Interest - Commercial Services** Name: Morgans M O T Centre Location: Lewis Road, Neath, SA11 1DX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NW (NW)	934	7	275342 196781
259	**Points of Interest - Commercial Services** Name: Lewis Road Motors Location: Lewis Road, Neath, SA11 1DX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NW (NW)	935	7	275342 196781
260	**Points of Interest - Education and Health** Name: Cimla Hospital Location: Cimla Common, Neath, SA11 3SU Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14SW (E)	323	7	276436 195989
260	**Points of Interest - Education and Health** Name: Cimla Hospital Location: Cimla Common, Neath, SA11 3SU Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14SW (E)	323	7	276436 195989
260	**Points of Interest - Education and Health** Name: Cimla Hospital Location: Cimla Common, Neath, SA11 3SU Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14SW (E)	323	7	276436 195989
260	**Points of Interest - Education and Health** Name: Cimla Hospital Location: Cimla Common, Neath, SA11 3SU Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14SW (E)	323	7	276436 195989
261	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	519	7	275465 196124
262	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	774	7	275686 195274
263	**Points of Interest - Public Infrastructure** Name: Peter Court Location: 1 Brynawel, Cimla, Neath, SA11 1JF Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A13NE (N)	152	7	276076 196232
263	**Points of Interest - Public Infrastructure** Name: Peter Court Location: 1 Brynawel, Cimla, Neath, SA11 1JF Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A13NE (N)	152	7	276076 196232
264	**Points of Interest - Public Infrastructure** Name: Neath Fire Station Location: Fire Station, Cimla Road, Neath, SA11 3UG Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A13NE (NE)	254	7	276188 196266
265	**Points of Interest - Public Infrastructure** Name: D A B Haulage Location: 29 Lime Grove, Neath, SA11 3PT Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14NW (E)	324	7	276417 196123

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
265	**Points of Interest - Public Infrastructure** Name: D A B Haulage Location: 29 Lime Grove, Neath, SA11 3PT Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14NW (E)	324	7	276417 196123
266	**Points of Interest - Public Infrastructure** Name: Wastebusters Location: 7 Osprey Drive, Neath, SA11 3SL Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14NE (E)	798	7	276901 196138
267	**Points of Interest - Public Infrastructure** Name: Weir Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	841	7	275150 196210
267	**Points of Interest - Public Infrastructure** Name: Weir Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	843	7	275149 196213
268	**Points of Interest - Public Infrastructure** Name: Weir Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SW (W)	913	7	275116 196380
268	**Points of Interest - Public Infrastructure** Name: Weir Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	996	7	275055 196454
268	**Points of Interest - Public Infrastructure** Name: Weir Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	996	7	275055 196455
269	**Points of Interest - Public Infrastructure** Name: Weir Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	970	7	276182 197057
269	**Points of Interest - Public Infrastructure** Name: Weir Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	971	7	276179 197058
270	**Points of Interest - Public Infrastructure** Name: Weir Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	979	7	276075 197081
270	**Points of Interest - Public Infrastructure** Name: Weir Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	980	7	276078 197082
271	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	214	7	275910 196305

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
271	**Points of Interest - Recreational and Environmental** Name: Playground Location: (Bryn Awel), SA11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13NW (NW)	214	7	275910 196305
271	**Points of Interest - Recreational and Environmental** Name: Playground Location: Kingdon-Owen Road, SA11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13NW (NW)	238	7	275868 196311
271	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	243	7	275868 196317
272	**Points of Interest - Recreational and Environmental** Name: Playground Location: SA11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	220	7	276241 196189
273	**Points of Interest - Recreational and Environmental** Name: Play Area Location: SA11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	455	7	275566 196276
274	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	456	7	276563 196085
274	**Points of Interest - Recreational and Environmental** Name: Playground Location: Lime Grove, SA11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14NW (E)	460	7	276567 196090
275	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	816	7	275249 196452
275	**Points of Interest - Recreational and Environmental** Name: Playground Location: Bryn Road, SA11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A17SW (NW)	817	7	275247 196448
276	**Points of Interest - Recreational and Environmental** Name: Playground Location: Wellfield Avenue, SA11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A17NE (NW)	953	7	275594 196974
276	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	959	7	275591 196979
277	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	961	7	275411 196874

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
277	**Points of Interest - Recreational and Environmental** Name: Playground Location: Maes-Y-Ffynnon Close, SA11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A17NE (NW)	964	7	275411 196878

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
278	**Ancient Woodland** Name: Not Supplied Reference: 8058 Area(m²): 87385.89 Type: Ancient and Semi-Natural Woodland	A13SW (SW)	284	2	275772 195832
279	**Ancient Woodland** Name: Not Supplied Reference: 18283 Area(m²): 10328.45 Type: Ancient and Semi-Natural Woodland	A13SW (SW)	352	2	275721 195786
280	**Ancient Woodland** Name: Not Supplied Reference: 12253 Area(m²): 3968.67 Type: Ancient and Semi-Natural Woodland	A8NE (S)	358	2	276171 195610
281	**Ancient Woodland** Name: Not Supplied Reference: 18284 Area(m²): 3465.31 Type: Ancient and Semi-Natural Woodland	A13NE (NE)	405	2	276354 196335
282	**Ancient Woodland** Name: Not Supplied Reference: 7498 Area(m²): 19059.96 Type: Ancient and Semi-Natural Woodland	A12SE (W)	430	2	275581 195922
283	**Ancient Woodland** Name: Not Supplied Reference: 12256 Area(m²): 2592.18 Type: Ancient and Semi-Natural Woodland	A19SW (NE)	482	2	276418 196383
284	**Ancient Woodland** Name: Not Supplied Reference: 18282 Area(m²): 2805.64 Type: Ancient and Semi-Natural Woodland	A8NW (SW)	496	2	275802 195527
285	**Ancient Woodland** Name: Not Supplied Reference: 10086 Area(m²): 27998.02 Type: Ancient and Semi-Natural Woodland	A18SE (NE)	532	2	276352 196495
286	**Ancient Woodland** Name: Not Supplied Reference: 11354 Area(m²): 78966.9 Type: Restored Ancient Woodland Site	A18SE (NE)	642	2	276348 196639
287	**Ancient Woodland** Name: Not Supplied Reference: 7497 Area(m²): 1939.69 Type: Ancient and Semi-Natural Woodland	A12SW (W)	666	2	275332 195942
288	**Ancient Woodland** Name: Not Supplied Reference: 12254 Area(m²): 9319.44 Type: Ancient and Semi-Natural Woodland	A12SW (W)	695	2	275292 196008
289	**Ancient Woodland** Name: Not Supplied Reference: 11353 Area(m²): 21646.97 Type: Restored Ancient Woodland Site	A19SW (NE)	704	2	276625 196493
290	**Ancient Woodland** Name: Not Supplied Reference: 18280 Area(m²): 4537.47 Type: Ancient and Semi-Natural Woodland	A7SE (SW)	755	2	275665 195305
291	**Ancient Woodland** Name: Not Supplied Reference: 23145 Area(m²): 1296.34 Type: Restored Ancient Woodland Site	A19NW (NE)	762	2	276434 196724

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
292	**Ancient Woodland** Name: Not Supplied Reference: 12255 Area(m²): 5217.98 Type: Ancient and Semi-Natural Woodland	A12NW (W)	807	2	275189 196233
293	**Ancient Woodland** Name: Not Supplied Reference: 13985 Area(m²): 4166.88 Type: Ancient and Semi-Natural Woodland	A8SE (S)	817	2	276228 195153
294	**Ancient Woodland** Name: Not Supplied Reference: 18286 Area(m²): 44142.1 Type: Ancient and Semi-Natural Woodland	A18NW (N)	851	2	275906 196953
295	**Ancient Woodland** Name: Not Supplied Reference: 7766 Area(m²): 4327.93 Type: Ancient and Semi-Natural Woodland	A12NW (W)	867	2	275131 196255
296	**Ancient Woodland** Name: Not Supplied Reference: 23144 Area(m²): 5257.17 Type: Restored Ancient Woodland Site	A12NW (W)	886	2	275103 196196
297	**Ancient Woodland** Name: Not Supplied Reference: 23143 Area(m²): 2723.57 Type: Restored Ancient Woodland Site	A12SW (W)	900	2	275085 196015
298	**Ancient Woodland** Name: Not Supplied Reference: 11352 Area(m²): 20063.95 Type: Restored Ancient Woodland Site	A12SW (W)	918	2	275069 196003
299	**Ancient Woodland** Name: Not Supplied Reference: 7496 Area(m²): 1097.17 Type: Ancient and Semi-Natural Woodland	A7NW (W)	975	2	275095 195659
300	**Ancient Woodland** Name: Not Supplied Reference: 18277 Area(m²): 2683.96 Type: Ancient and Semi-Natural Woodland	A7SE (SW)	992	2	275609 195069
301	**Ancient Woodland** Name: Not Supplied Reference: 7495 Area(m²): 24539.37 Type: Ancient and Semi-Natural Woodland	A7NW (SW)	998	2	275100 195580
302	**Local Nature Reserves** Name: Eaglesbush Valley Multiple Area: N Area (m2): 79888.24 Source: Neath Port Talbot County Borough Council Designation Date: 31st December 2008	A12SE (W)	429	8	275580 195932

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Natural Resources Wales	June 2020	Annually
Neath Port Talbot County Borough Council - Environmental Health Department	October 2017	Annual Rolling Update
City and County of Swansea - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Welsh Region	August 2014	Quarterly
Natural Resources Wales	January 2022	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Welsh Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Welsh Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - Welsh Region	January 2021	Quarterly
Natural Resources Wales	January 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Swansea Bay Port Health Authority	April 2014	Variable
City and County of Swansea - Environmental Health Department	June 2014	Variable
Neath Port Talbot County Borough Council - Environmental Health Department	March 2014	Variable
Local Authority Pollution Prevention and Controls		
Swansea Bay Port Health Authority	April 2014	Annually
City and County of Swansea - Environmental Health Department	June 2014	Annual Rolling Update
Neath Port Talbot County Borough Council - Environmental Health Department	March 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Swansea Bay Port Health Authority	April 2014	Variable
City and County of Swansea - Environmental Health Department	June 2014	Variable
Neath Port Talbot County Borough Council - Environmental Health Department	March 2015	Variable
Nearest Surface Water Feature		
Ordnance Survey	February 2022	
Pollution Incidents to Controlled Waters		
Environment Agency - Welsh Region	December 1998	
Prosecutions Relating to Authorised Processes		
Environment Agency - Welsh Region	July 2015	
Natural Resources Wales	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Welsh Region	March 2013	
Natural Resources Wales	March 2013	
Registered Radioactive Substances		
Natural Resources Wales	January 2015	
Environment Agency - Welsh Region	June 2016	As notified
Substantiated Pollution Incident Register		
Environment Agency Wales - South West Area	January 2021	Quarterly
Natural Resources Wales	January 2022	Quarterly
Water Abstractions		
Environment Agency - Welsh Region	January 2022	Quarterly
Natural Resources Wales	January 2022	Quarterly
Water Industry Act Referrals		
Natural Resources Wales	January 2022	Quarterly
Environment Agency - Welsh Region	October 2017	
Groundwater Vulnerability Map		
Natural Resources Wales	June 2018	As notified
Bedrock Aquifer Designations		
Natural Resources Wales	January 2018	Annually

Data Currency

Agency & Hydrological	Version	Update Cycle
Superficial Aquifer Designations Natural Resources Wales	January 2018	Annually
Source Protection Zones Natural Resources Wales	July 2017	Annual Rolling Update
Extreme Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	
Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	
Areas Benefiting from Flood Defences Natural Resources Wales	November 2019	Quarterly
Flood Water Storage Areas Natural Resources Wales	August 2019	Quarterly
Flood Defences Natural Resources Wales	November 2019	Quarterly
OS Water Network Lines Ordnance Survey	January 2022	Quarterly
Surface Water 1 in 30 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water Suitability Natural Resources Wales	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Data Currency

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Natural Resources Wales	July 2019	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Welsh Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency Wales - South West Area	October 2021	Quarterly
Natural Resources Wales	October 2021	Quarterly
Licensed Waste Management Facilities (Locations)		
Natural Resources Wales	January 2022	Quarterly
Environment Agency Wales - South West Area	July 2021	Quarterly
Local Authority Landfill Coverage		
City and County of Swansea - Environmental Health Department	February 2003	Not Applicable
Neath Port Talbot County Borough Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
City and County of Swansea - Environmental Health Department	October 2018	
Neath Port Talbot County Borough Council - Environmental Health Department	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency Wales - South West Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency Wales - South West Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency Wales - South West Area	June 2015	
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
City and County of Swansea - Planning Department	January 2016	Variable
Neath Port Talbot County Borough Council - Planning Department	October 2015	Variable
Planning Hazardous Substance Consents		
City and County of Swansea - Planning Department	January 2016	Variable
Neath Port Talbot County Borough Council - Planning Department	October 2015	Variable

Data Currency

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2021	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	December 2015	As notified
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Data Currency

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	March 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	March 2022	Quarterly
Points of Interest - Education and Health PointX	March 2022	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2022	Quarterly
Points of Interest - Public Infrastructure PointX	March 2022	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2022	Quarterly
Underground Electrical Cables National Grid	May 2021	Bi-Annually

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural Resources Wales	September 2018	Bi-Annually
Areas of Adopted Green Belt		
City and County of Swansea	October 2020	Quarterly
Neath Port Talbot County Borough Council - Planning Services	October 2020	Quarterly
Areas of Unadopted Green Belt		
City and County of Swansea	October 2020	Quarterly
Neath Port Talbot County Borough Council - Planning Services	October 2020	Quarterly
Areas of Outstanding Natural Beauty		
Natural Resources Wales	June 2019	Bi-Annually
Environmentally Sensitive Areas		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
City and County of Swansea	August 2018	Bi-Annually
Neath Port Talbot County Borough Council	August 2018	Bi-Annually
Marine Nature Reserves		
Natural Resources Wales	August 2018	Bi-Annually
National Nature Reserves		
Natural Resources Wales	February 2022	Bi-Annually
National Parks		
Natural Resources Wales	February 2018	Annually
Nitrate Vulnerable Zones		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	April 2016	
Natural Resources Wales	July 2019	Bi-Annually
Ramsar Sites		
Natural Resources Wales	July 2019	Bi-Annually
Sites of Special Scientific Interest		
Natural Resources Wales	March 2020	Bi-Annually
Special Areas of Conservation		
Natural Resources Wales	August 2020	Bi-Annually
Special Protection Areas		
Natural Resources Wales	August 2018	Bi-Annually

Data Suppliers

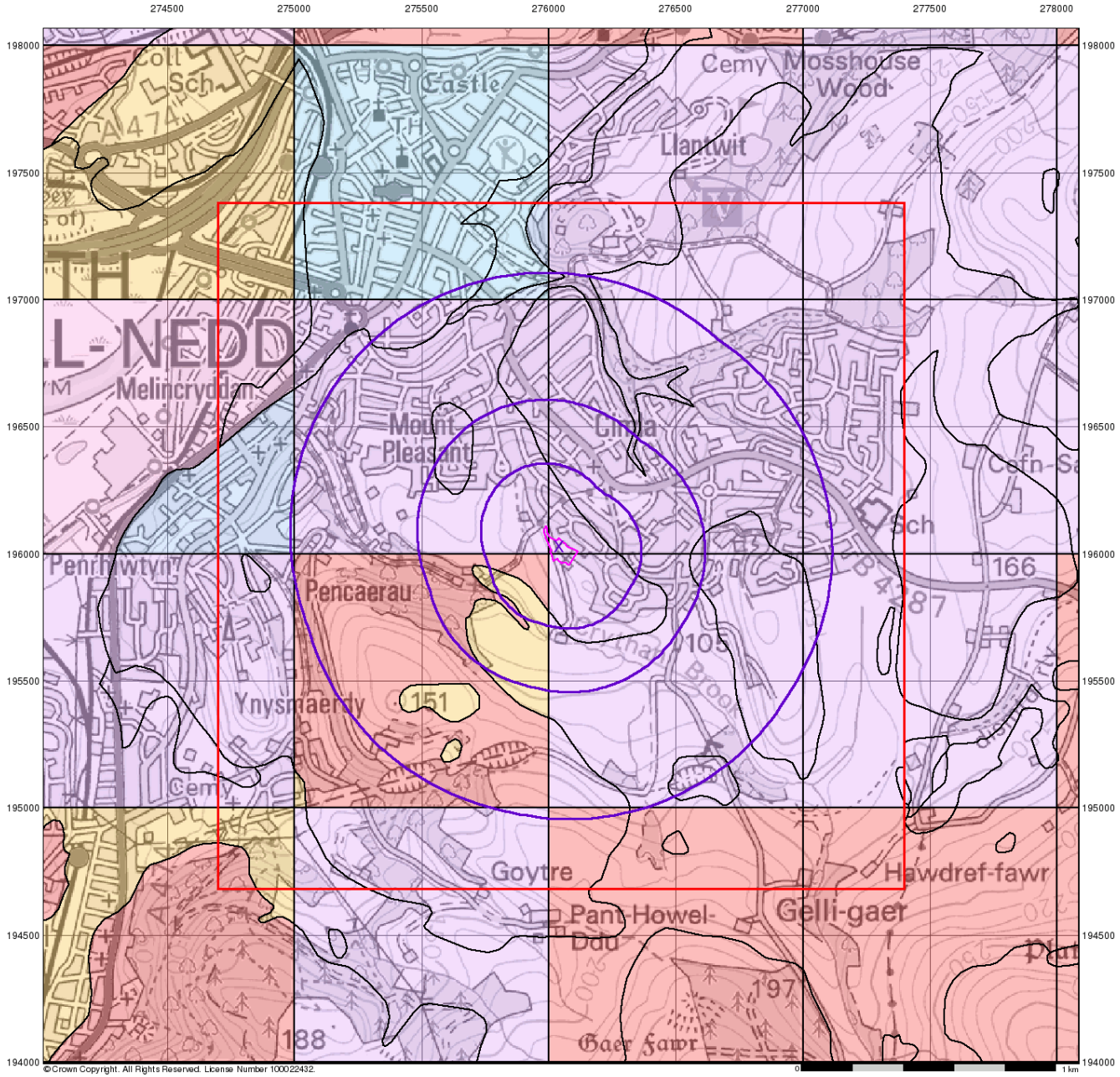
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Natural Resources Wales** Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	**Neath Port Talbot County Borough Council - Environmental Health Department** Room 322, Neath Civic Centre, Neath, West Glamorgan, SA11 3QZ	Telephone: 01639 763333 Fax: 01693 763444 Website: www.neath-porttalbot.gov.uk
6	**The Coal Authority - Property Searches** 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
7	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	**Neath Port Talbot County Borough Council** Civic Centre, Port Talbot, West Glamorgan, SA13 1PJ	Telephone: 01639 763333 Fax: 01693 763444 Website: www.neath-porttalbot.gov.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.



Intégral
Géotechnique

Groundwater Vulnerability

General

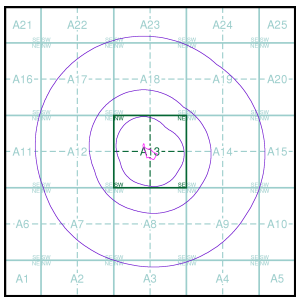
Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Vulnerability, Principal Aquifer	High Vulnerability, Principal Aquifer
High Vulnerability, Secondary Aquifer	High Vulnerability, Secondary Aquifer
Medium Vulnerability, Principal Aquifer	Medium Vulnerability, Principal Aquifer
Medium Vulnerability, Secondary Aquifer	Medium Vulnerability, Secondary Aquifer
Low Vulnerability, Principal Aquifer	Low Vulnerability, Principal Aquifer
Low Vulnerability, Secondary Aquifer	Low Vulnerability, Secondary Aquifer

Unproductive Aquifer
Soluble Rock

Site Sensitivity Context Map - Slice A



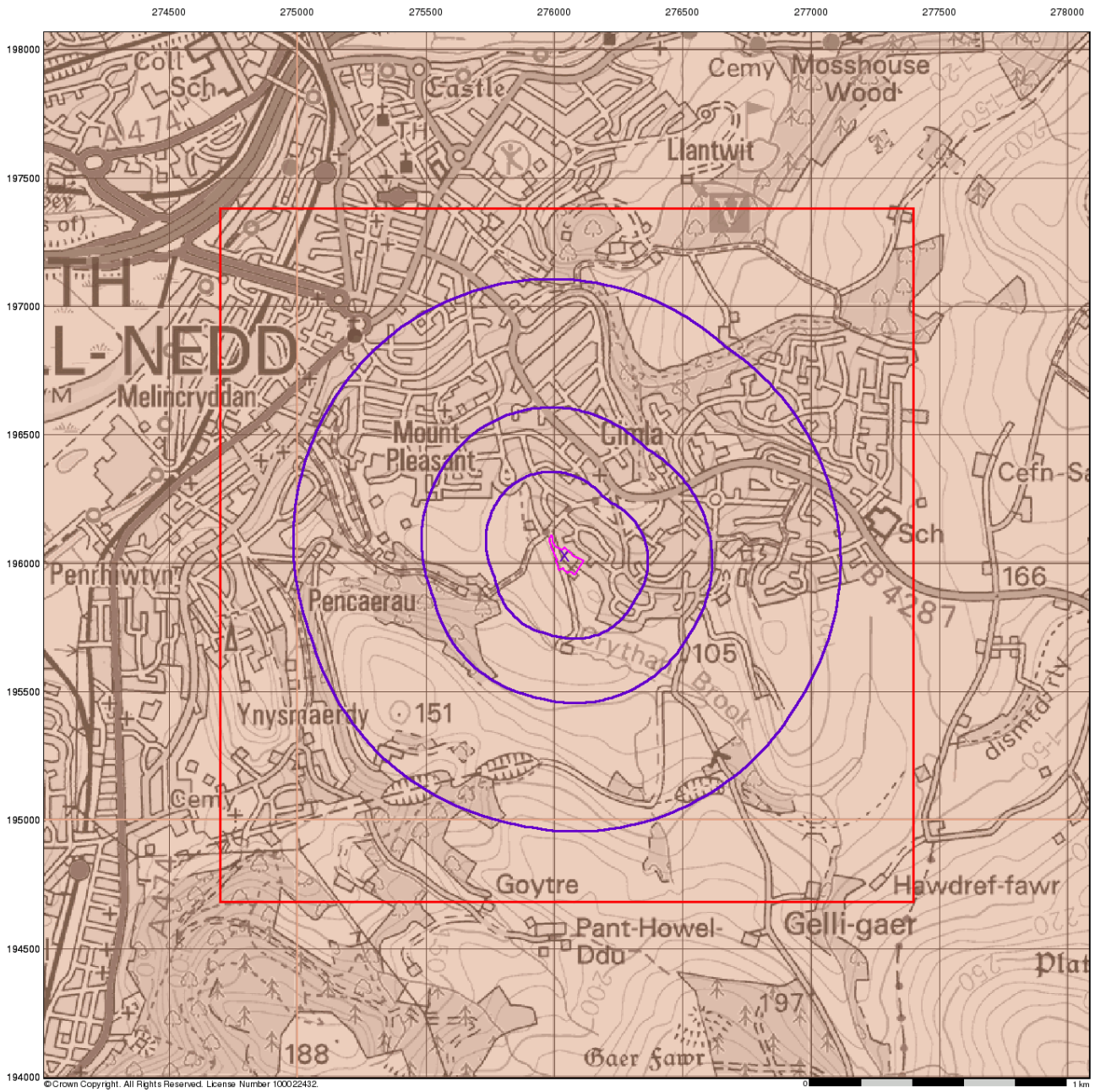
Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

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



Intégral Géotechnique

Bedrock Aquifer Designation

General

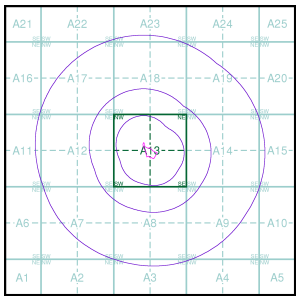
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



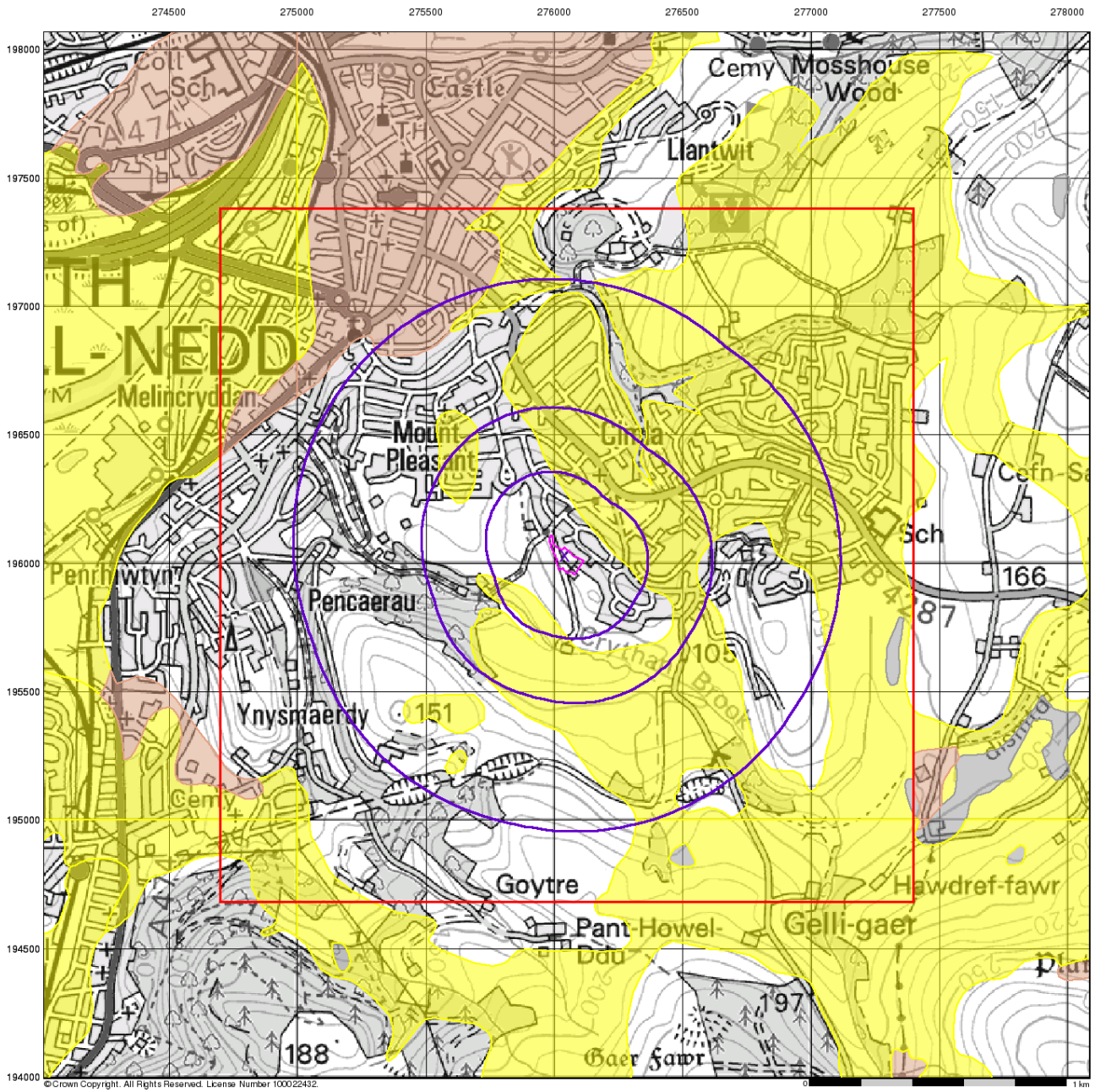
Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

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



Intégral
Géotechnique

Superficial Aquifer Designation

General

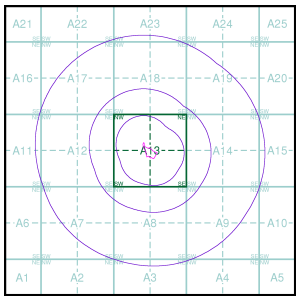
Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



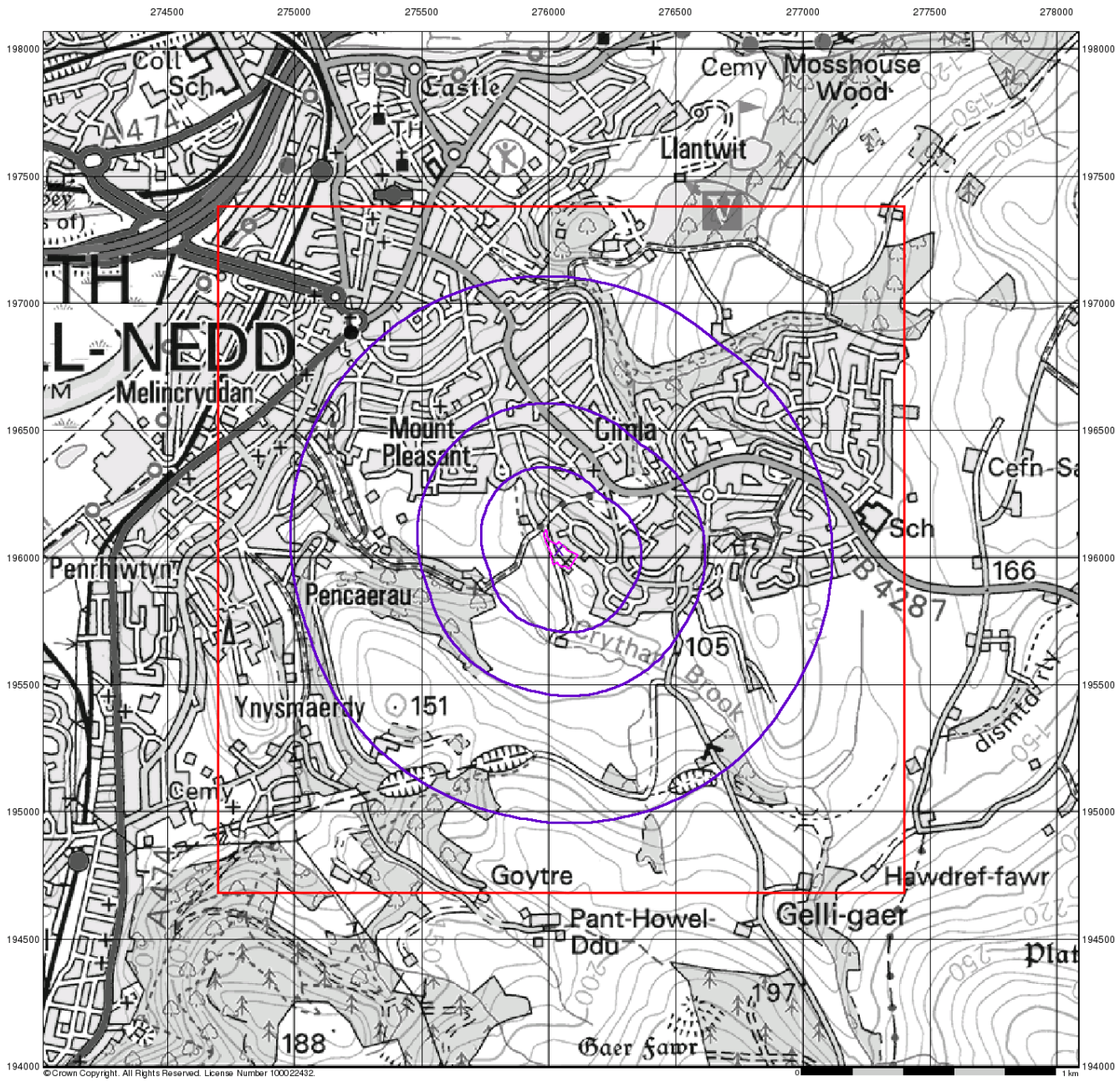
Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

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



Intégral Géotechnique

Source Protection Zones

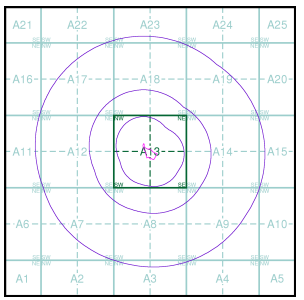
General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

Landmark INFORMATION GROUP
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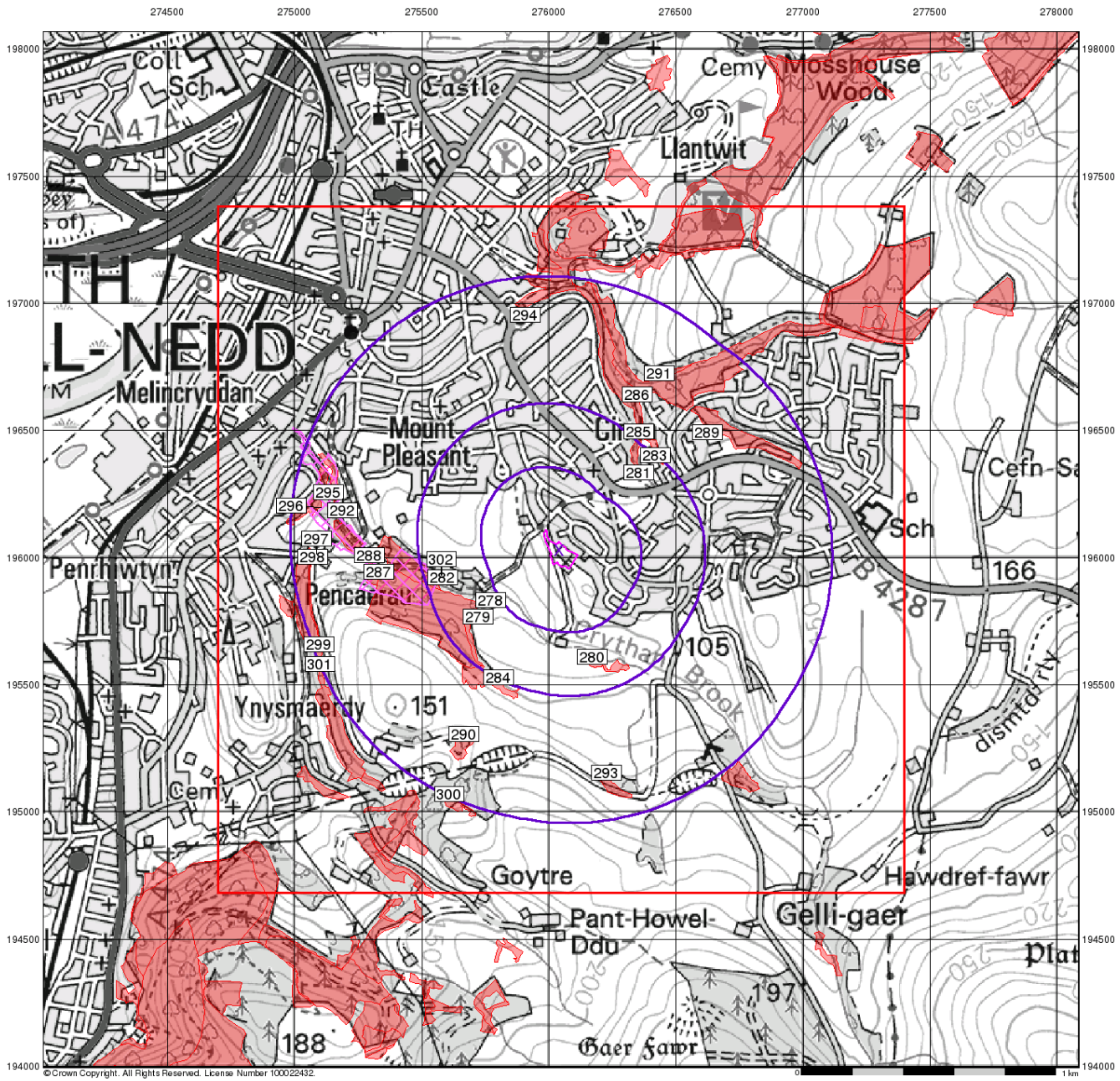


Intégral Géotechnique

Sensitive Land Uses

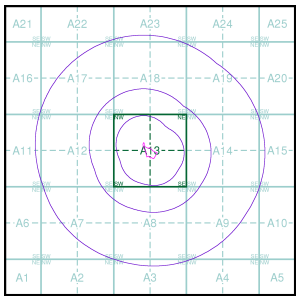
General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice A



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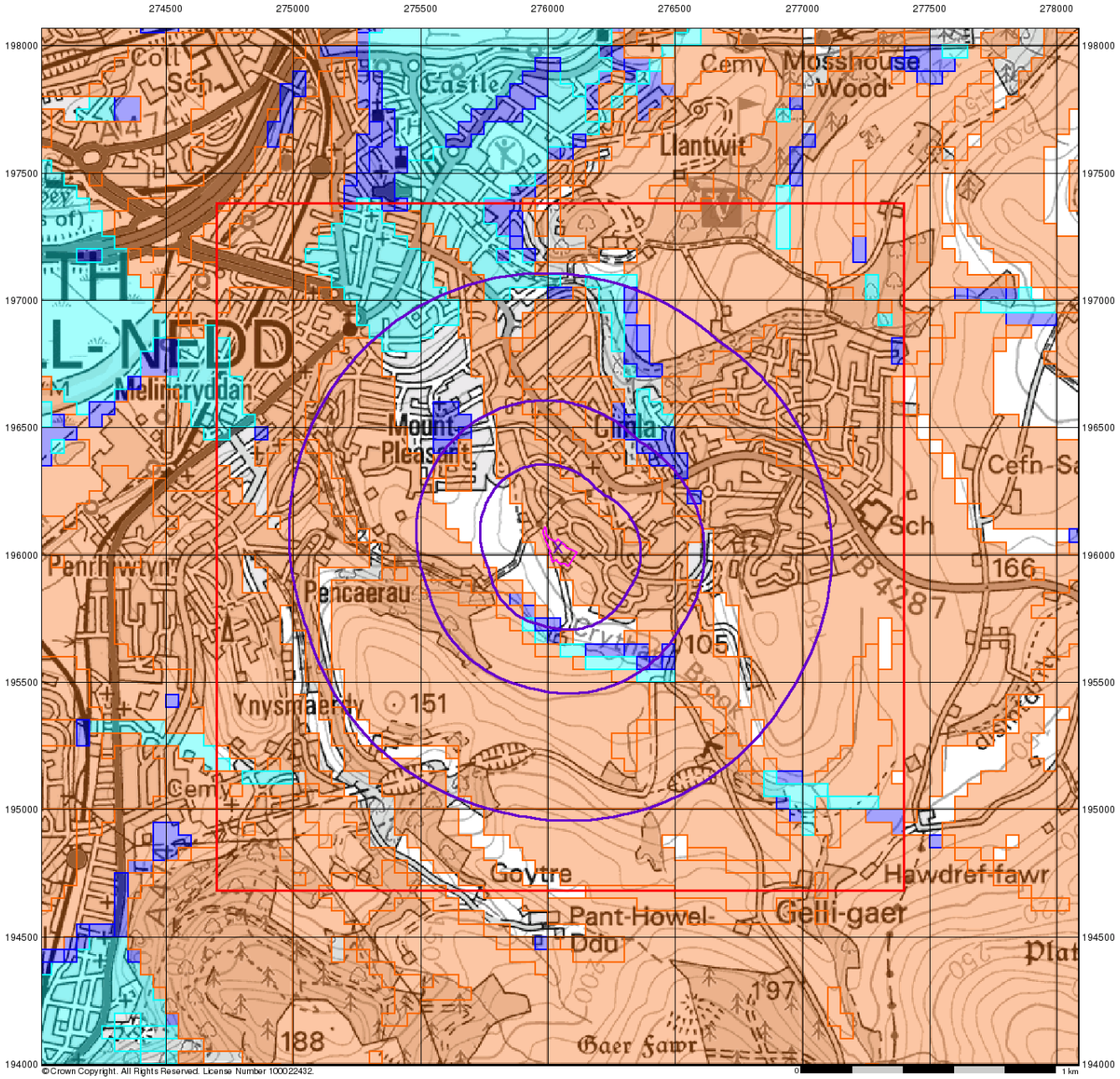


Intégral Géotechnique

BGS Flood GFS Data

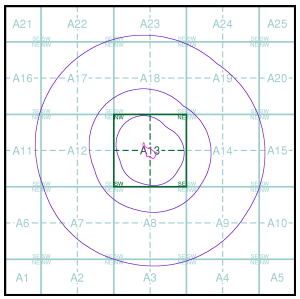
General

Specified Site
Specified Buffer(s)
Bearing Reference Point
Slice

Agency and Hydrological (Flood)

Limited Potential for Groundwater Flooding to Occur
Potential for Groundwater Flooding of Property Situated Below Ground Level
Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



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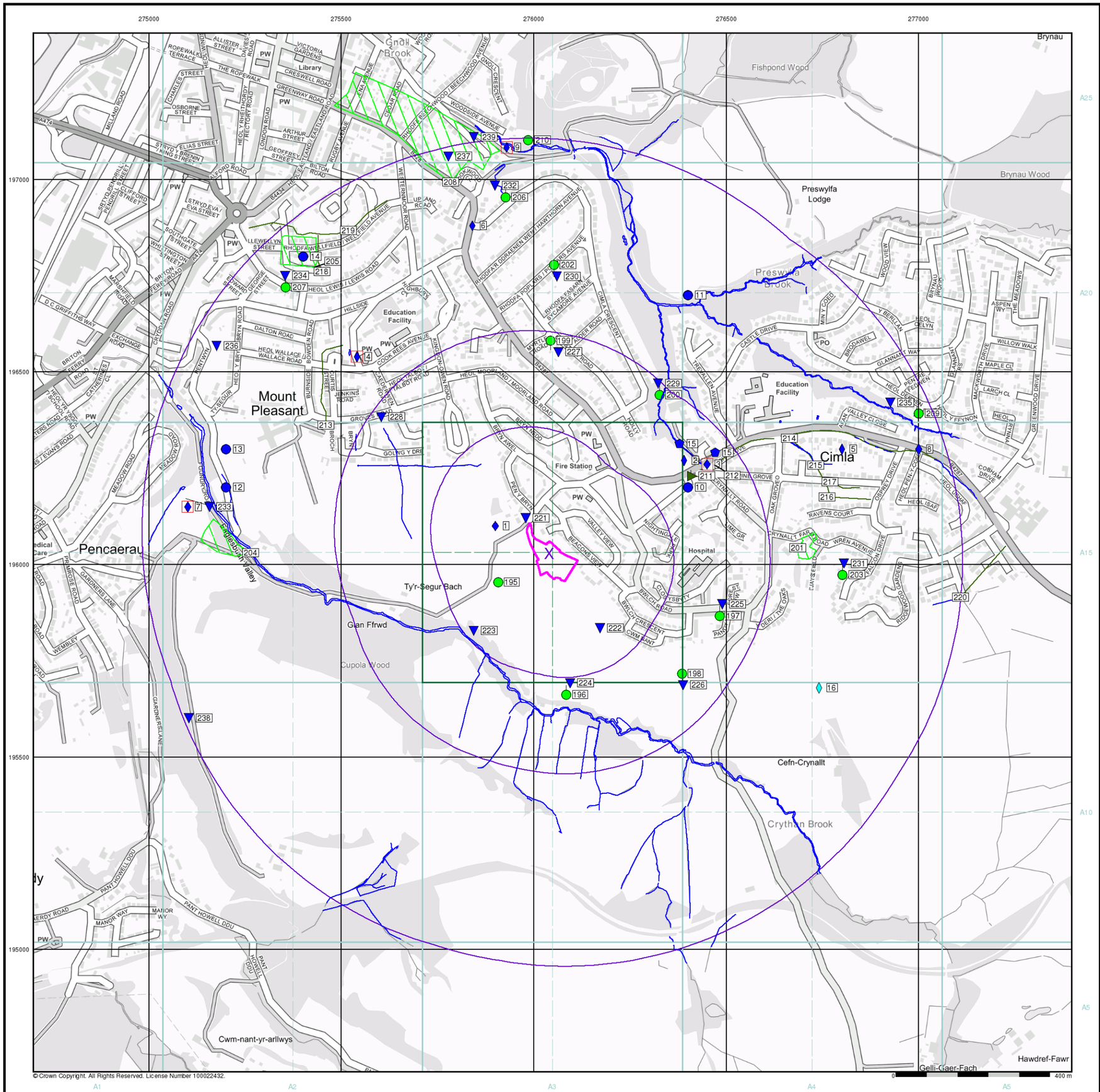


Intégral Géotechnique

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

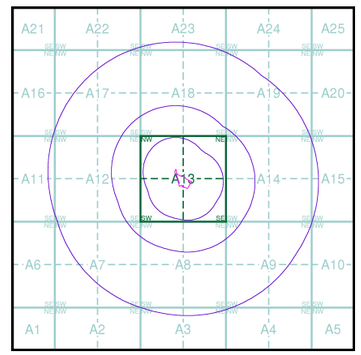
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A



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Intégral Géotechnique

Industrial Land Use Map

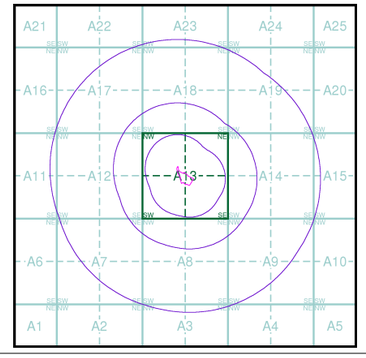
General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A



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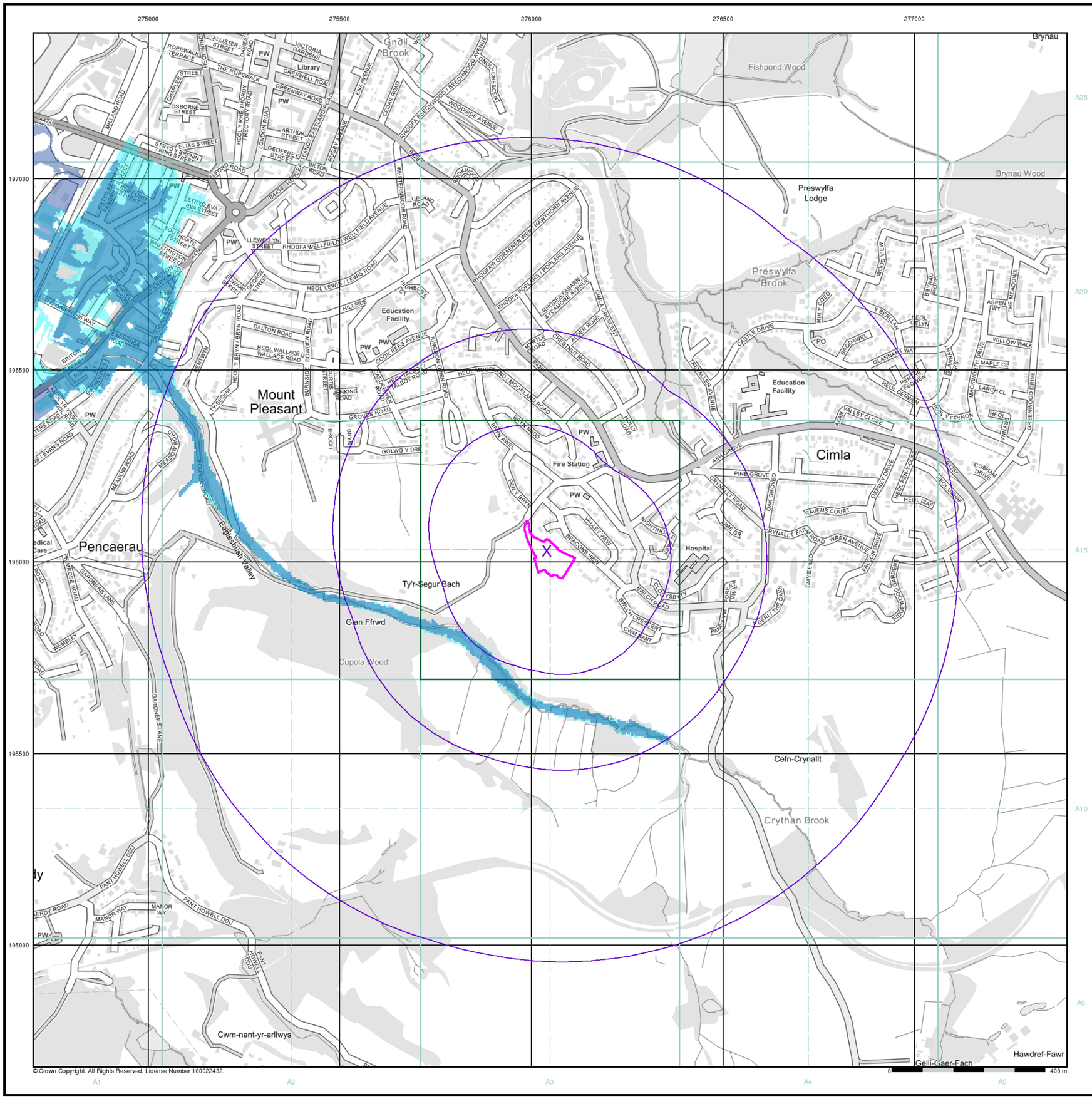


Intégral Géotechnique

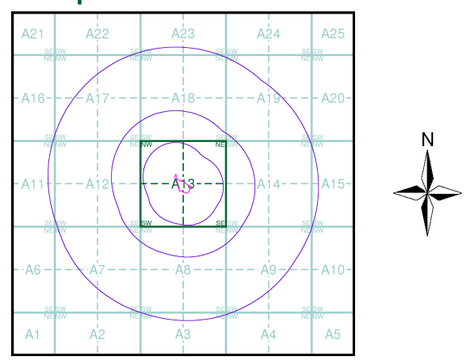
General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



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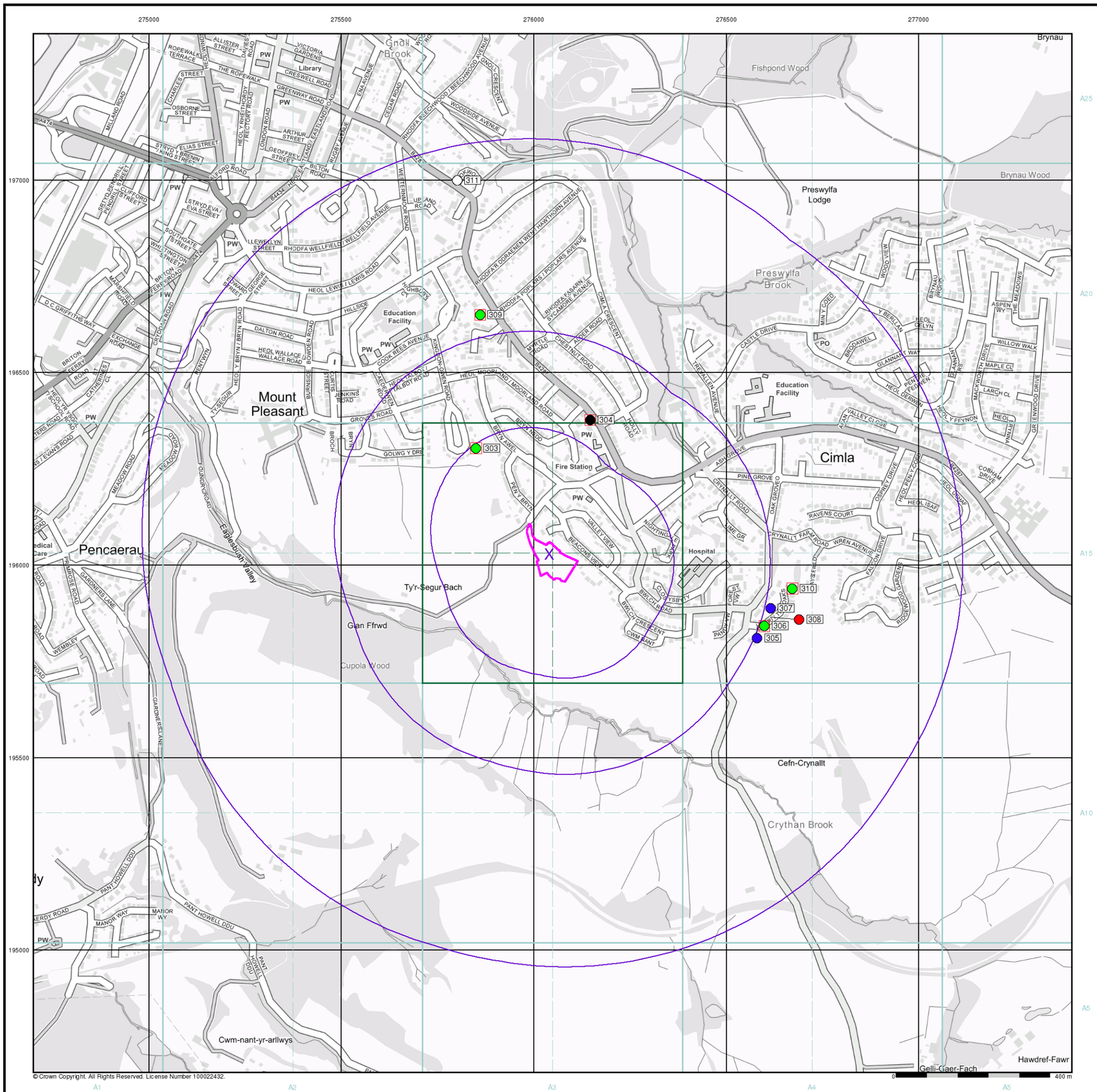


Intégral Géotechnique

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

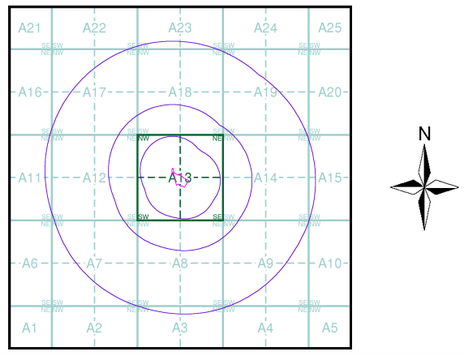
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



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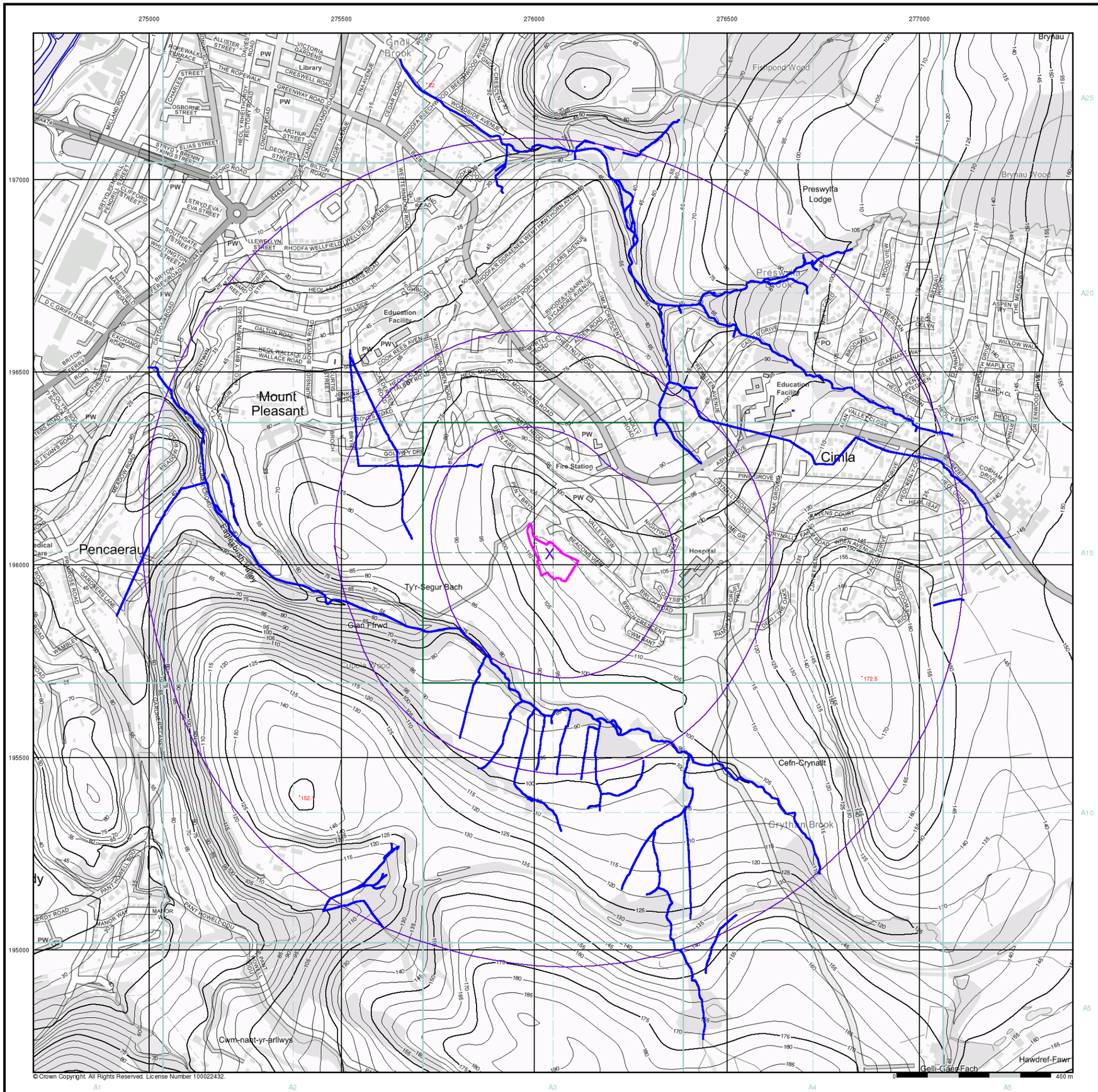


Intégral Géotechnique

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

Contours (height in meters)

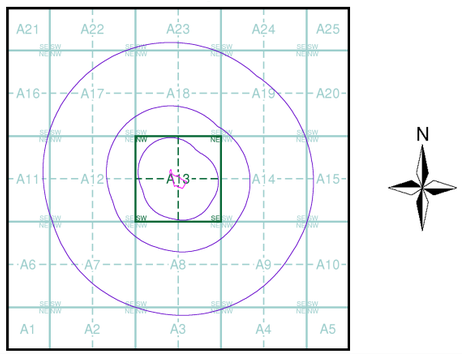
Standard Contour 105 100 95

Master Contour

Spot Height 167.3

- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



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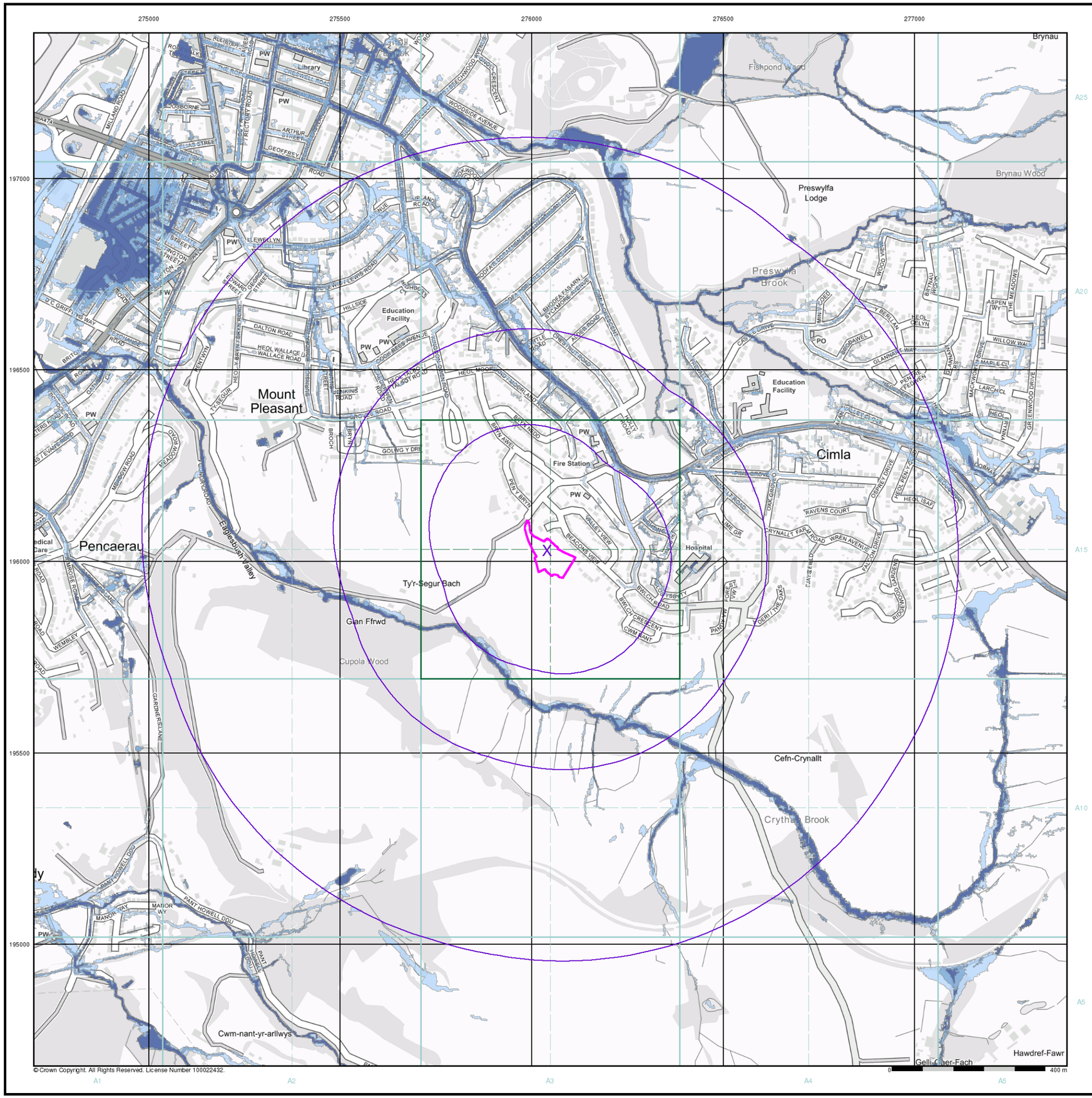


Intégral
Géotechnique

General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Risk of Flooding from Surface Water

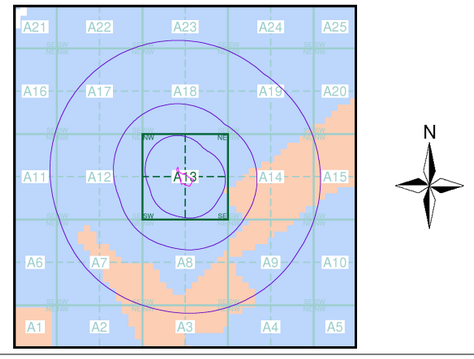
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice A



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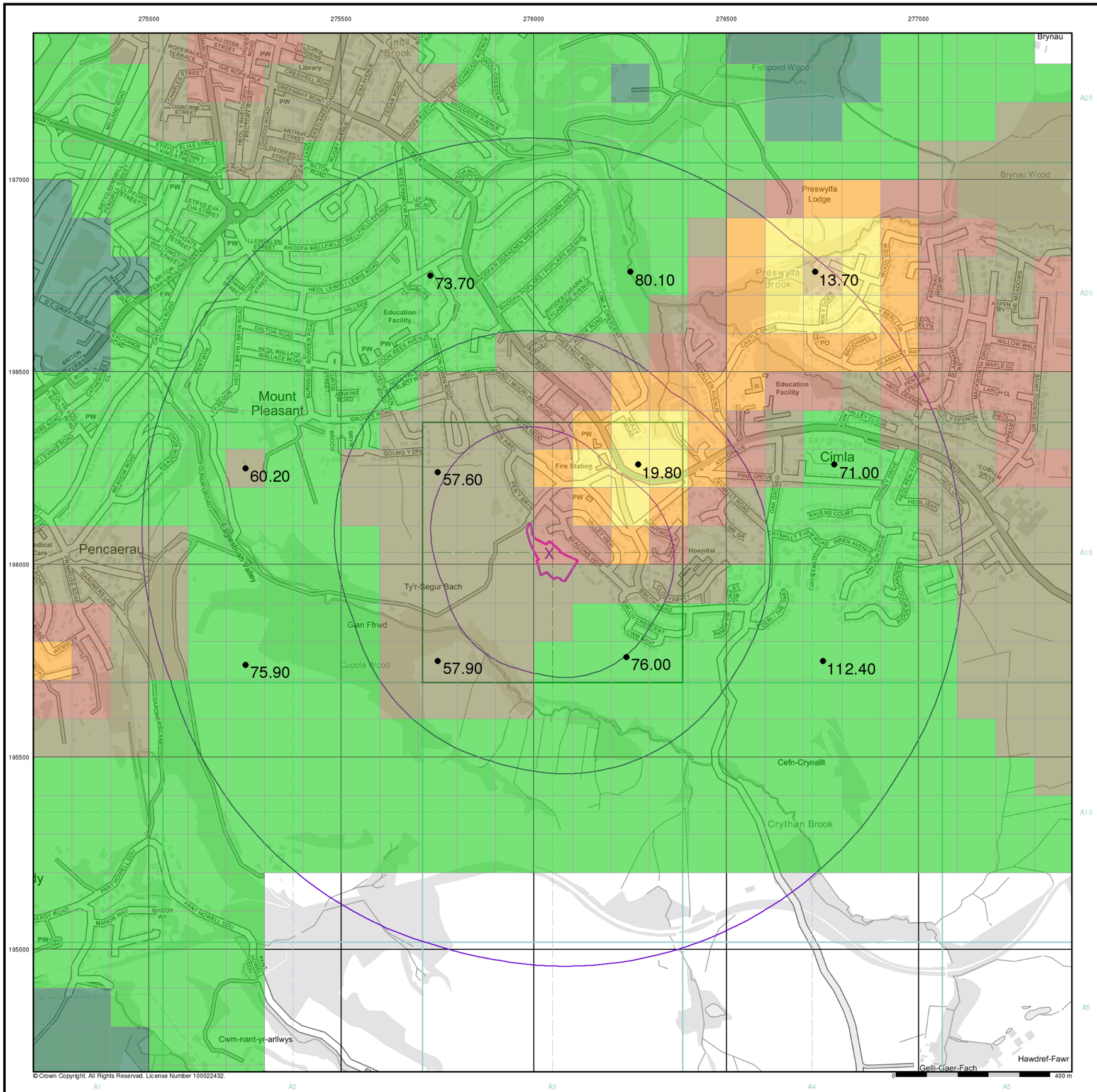


Intégral Géotechnique

General

Specified Site | Specified Buffer(s) | X Bearing Reference Point

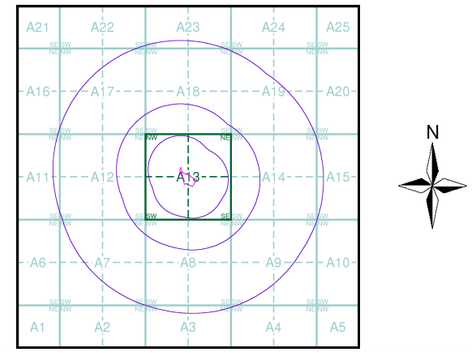
Urban Soil Chemistry Arsenic

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Urban Soil Chemistry Arsenic - Slice A



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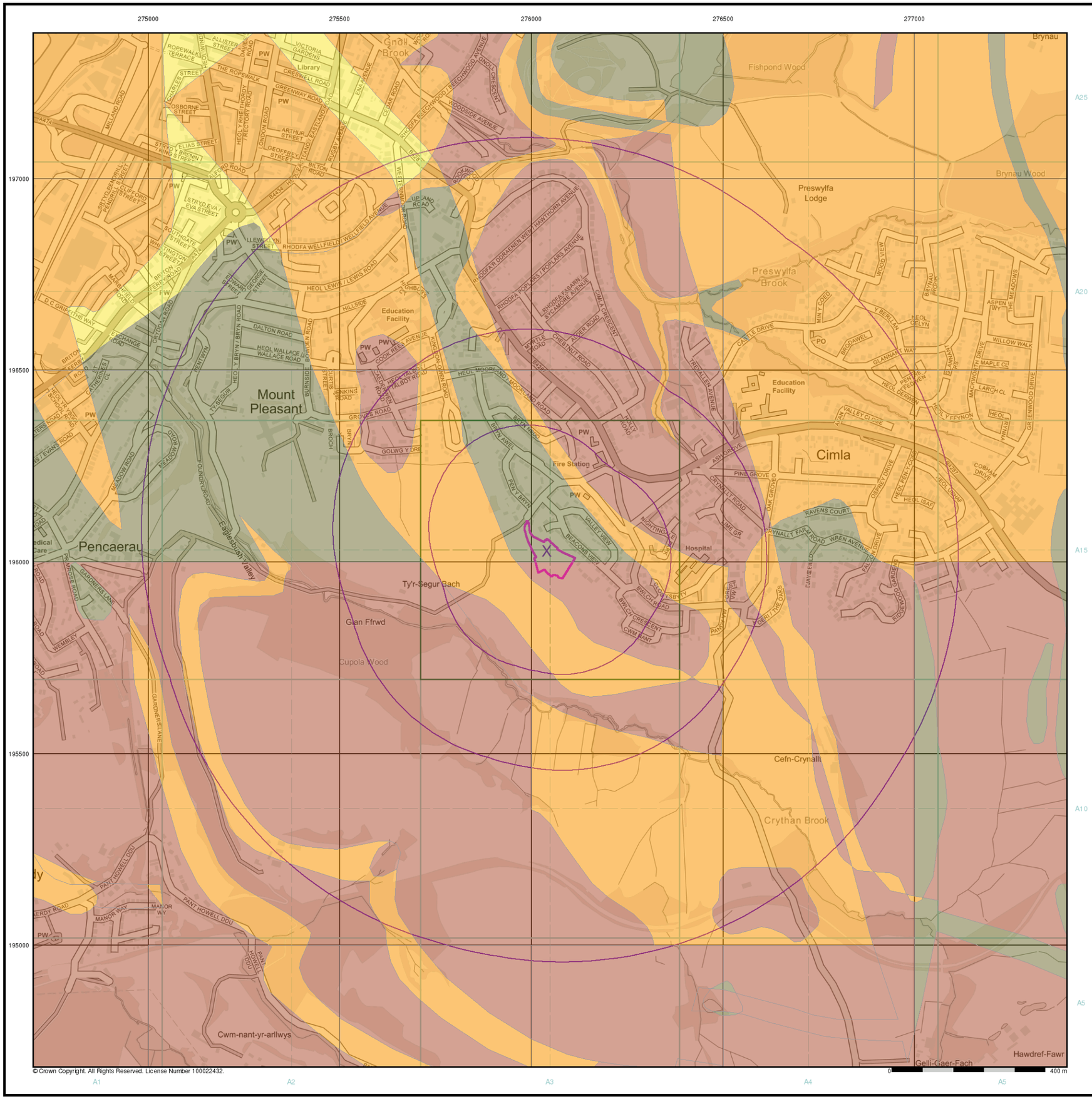


Intégral Géotechnique

General

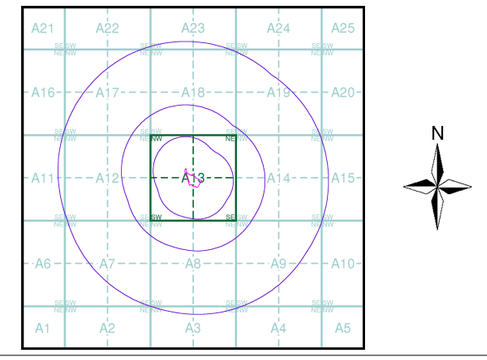
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice A



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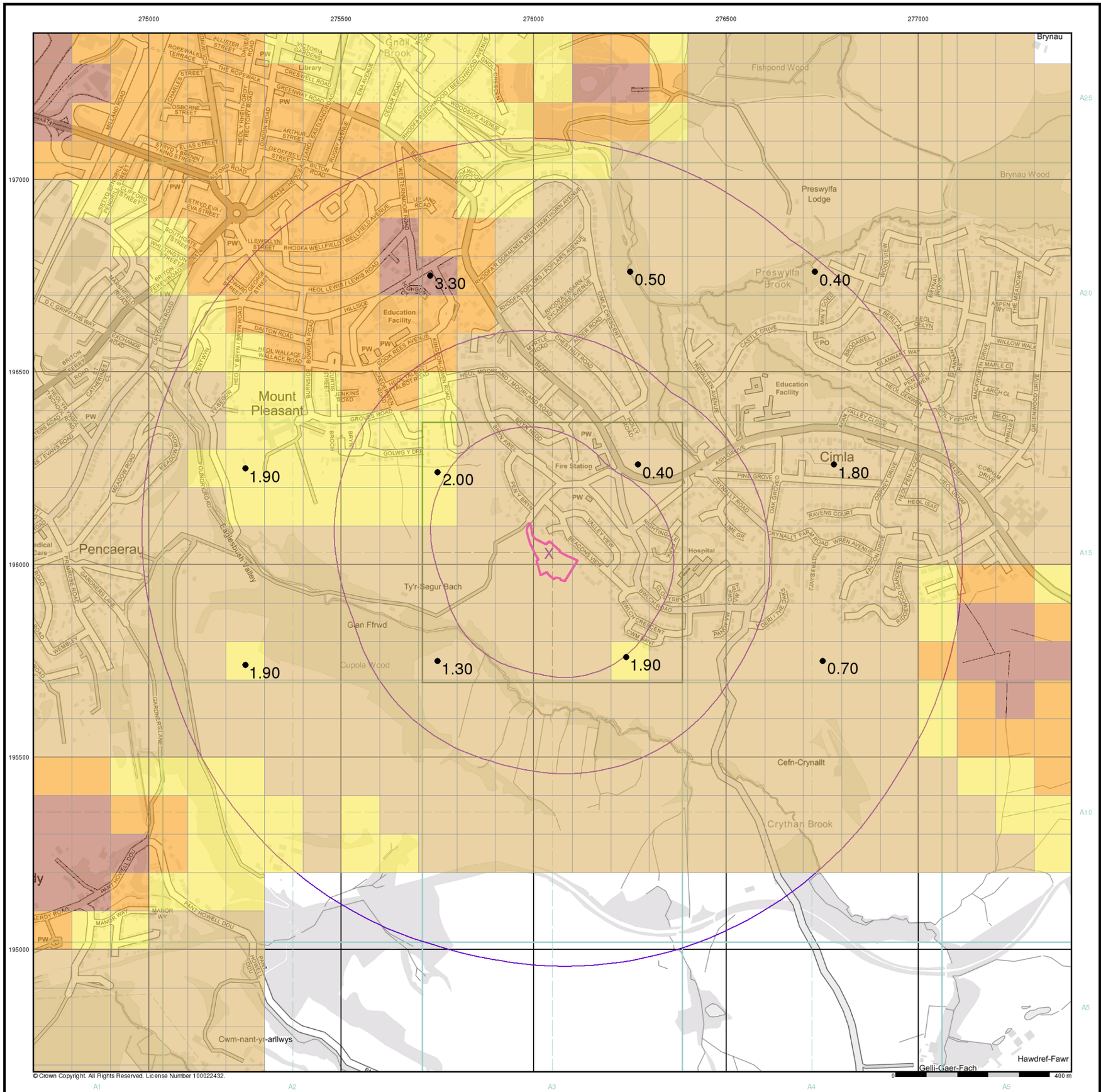


Intégral Géotechnique

General

Specified Site | Specified Buffer(s) | Bearing Reference Point

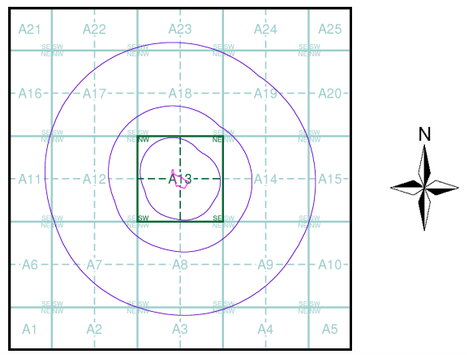
Urban Soil Chemistry Cadmium

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Urban Soil Chemistry Cadmium - Slice A



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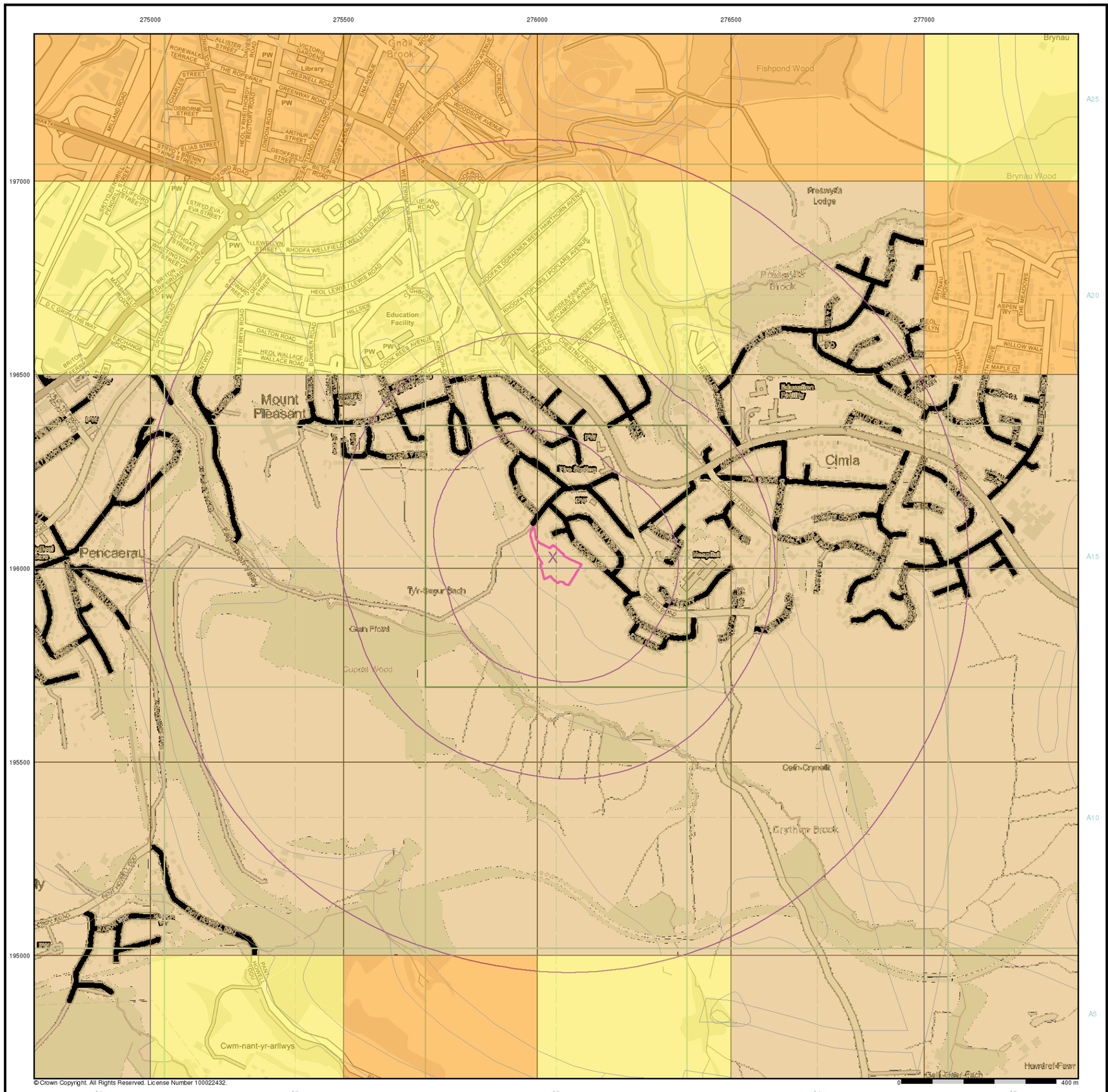


Intégral Géotechnique

General

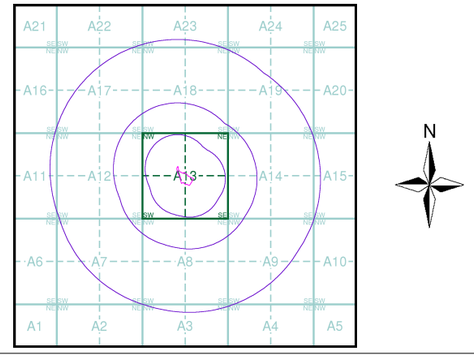
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice A



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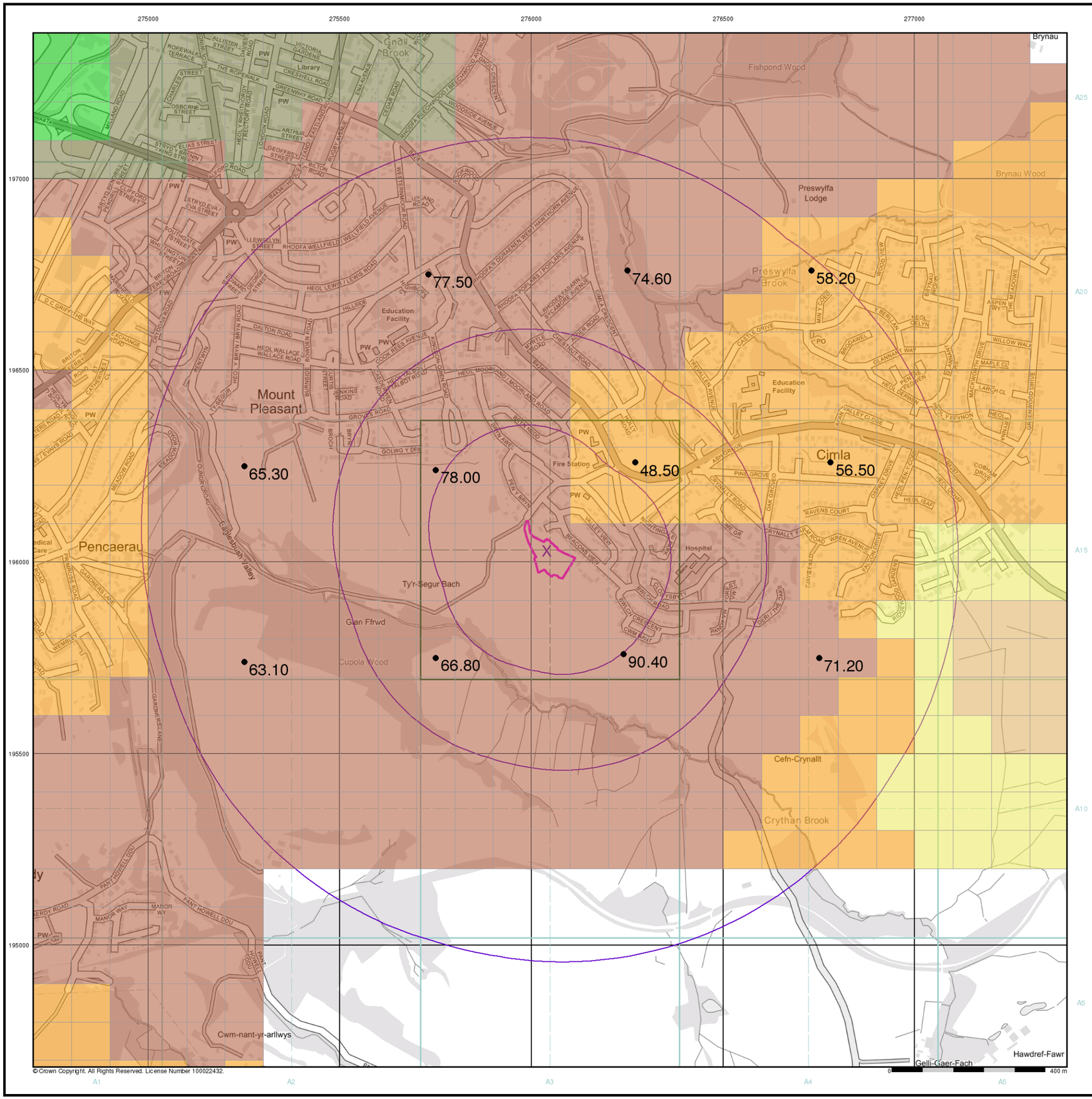


Intégral Géotechnique

General

Specified Site | Specified Buffer(s) | X Bearing Reference Point

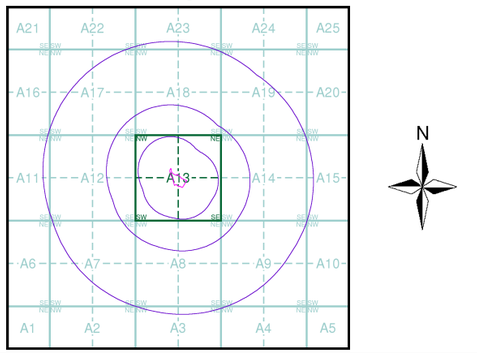
Urban Soil Chemistry Chromium

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Urban Soil Chemistry Chromium - Slice A



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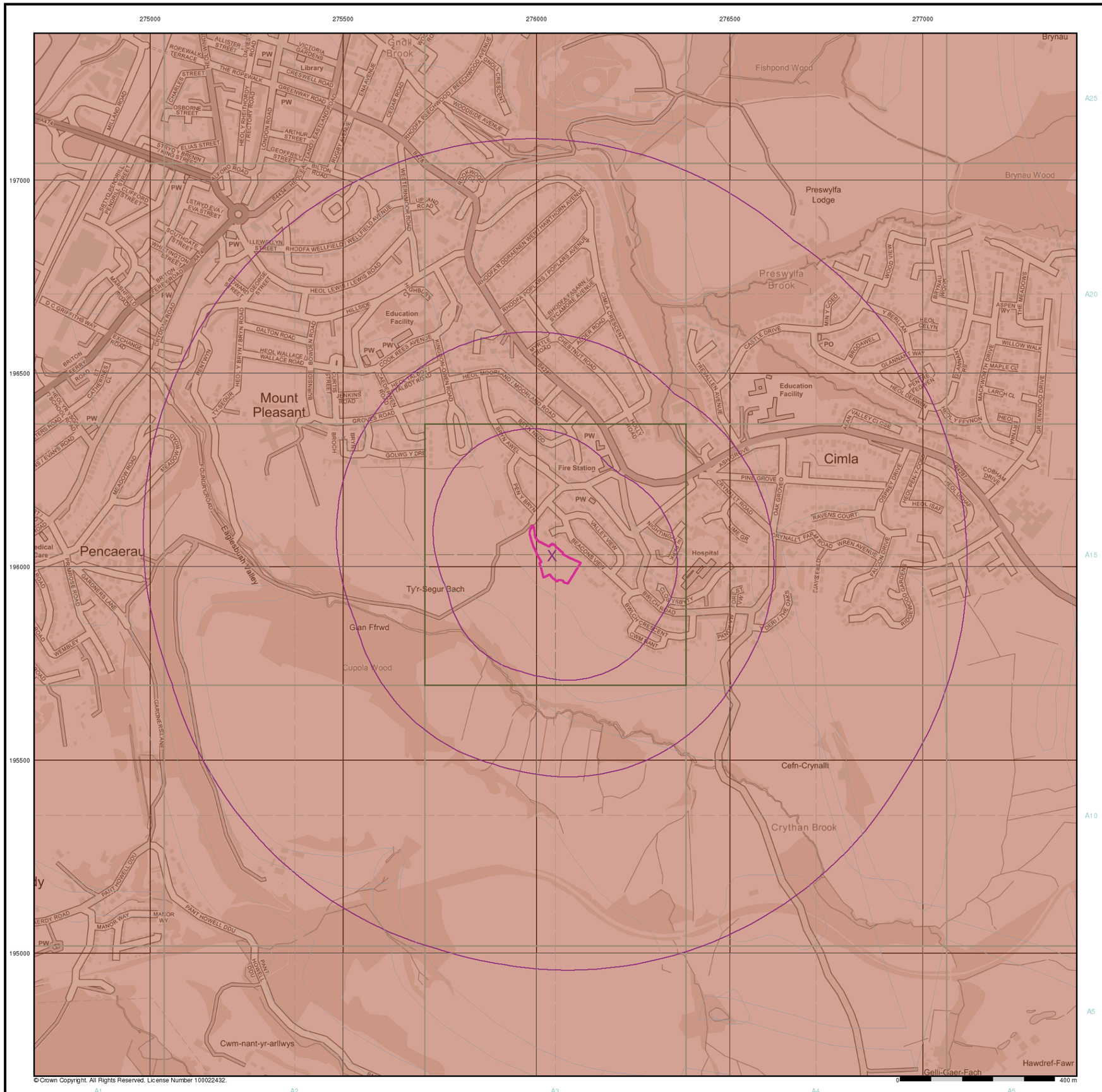


Intégral Géotechnique

General

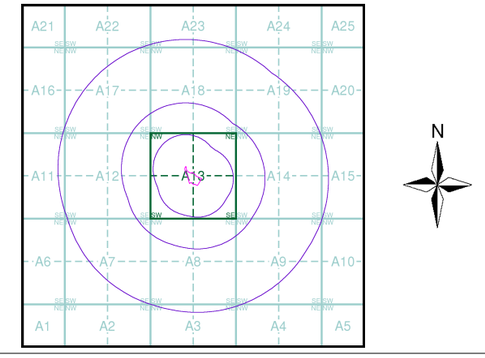
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice A



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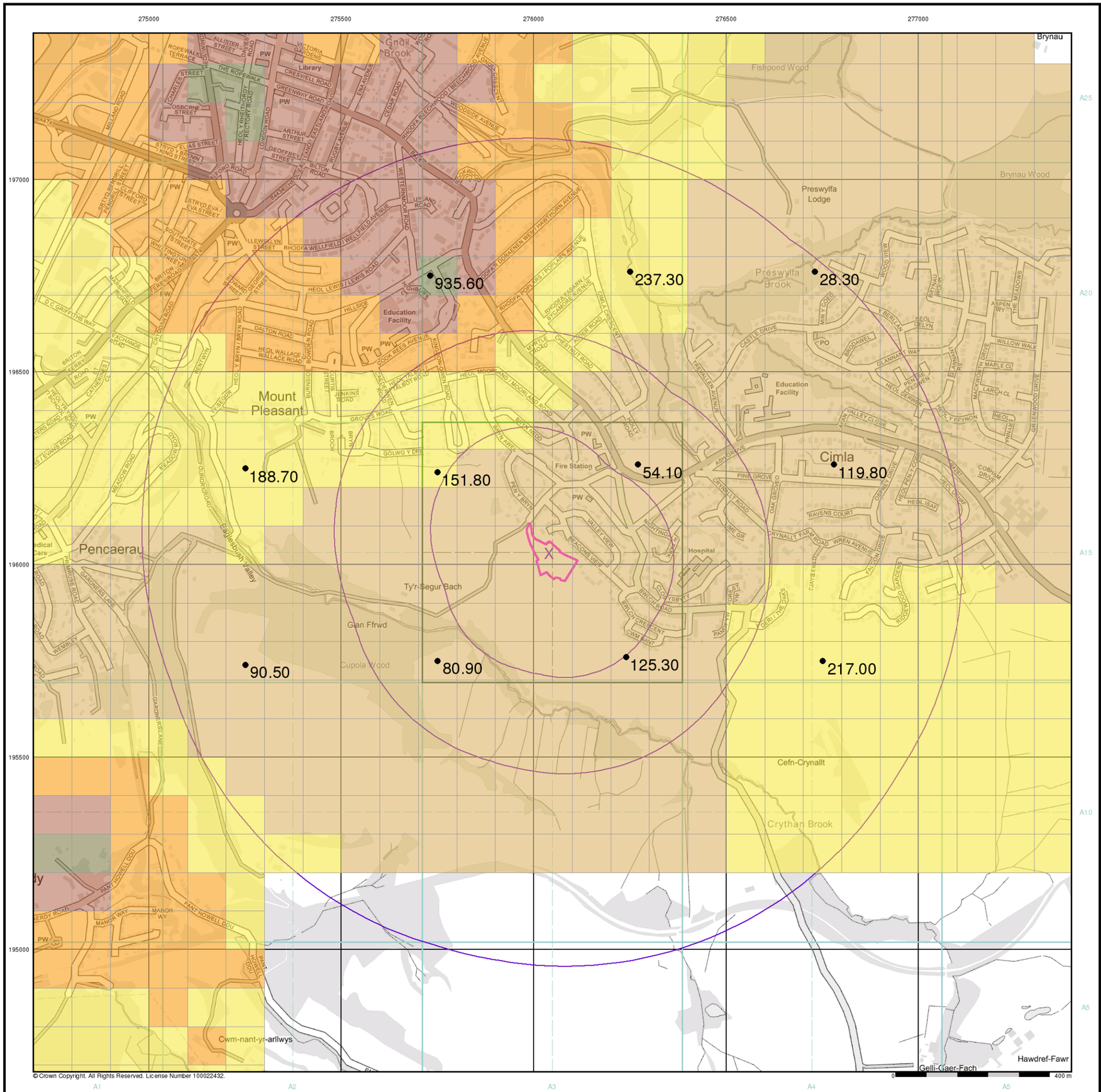


Intégral Géotechnique

General

Specified Site | Specified Buffer(s) | X Bearing Reference Point

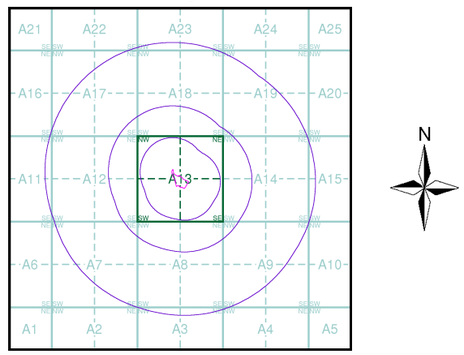
Urban Soil Chemistry Lead

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Lead Concentrations mg/kg

- < 150
- 150 - 300
- 300 - 600
- 600 - 900
- > 900

Urban Soil Chemistry Lead - Slice A



Order Details

Order Details:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search buffer (m):	1000

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

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

Intégral Géotechnique

General

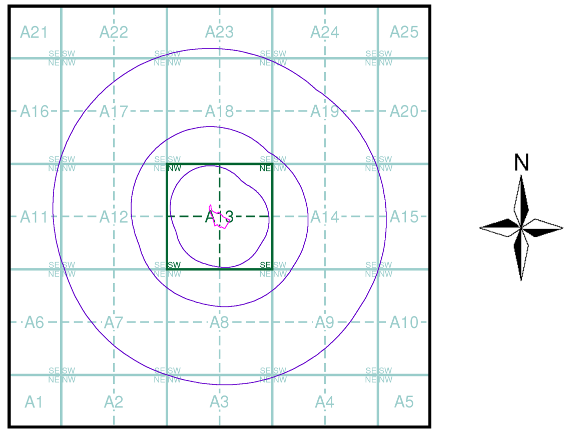
Specified Site   Specified Buffer(s)   X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice A



Order Details

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National Grid Reference: 276040, 196030
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Site Details

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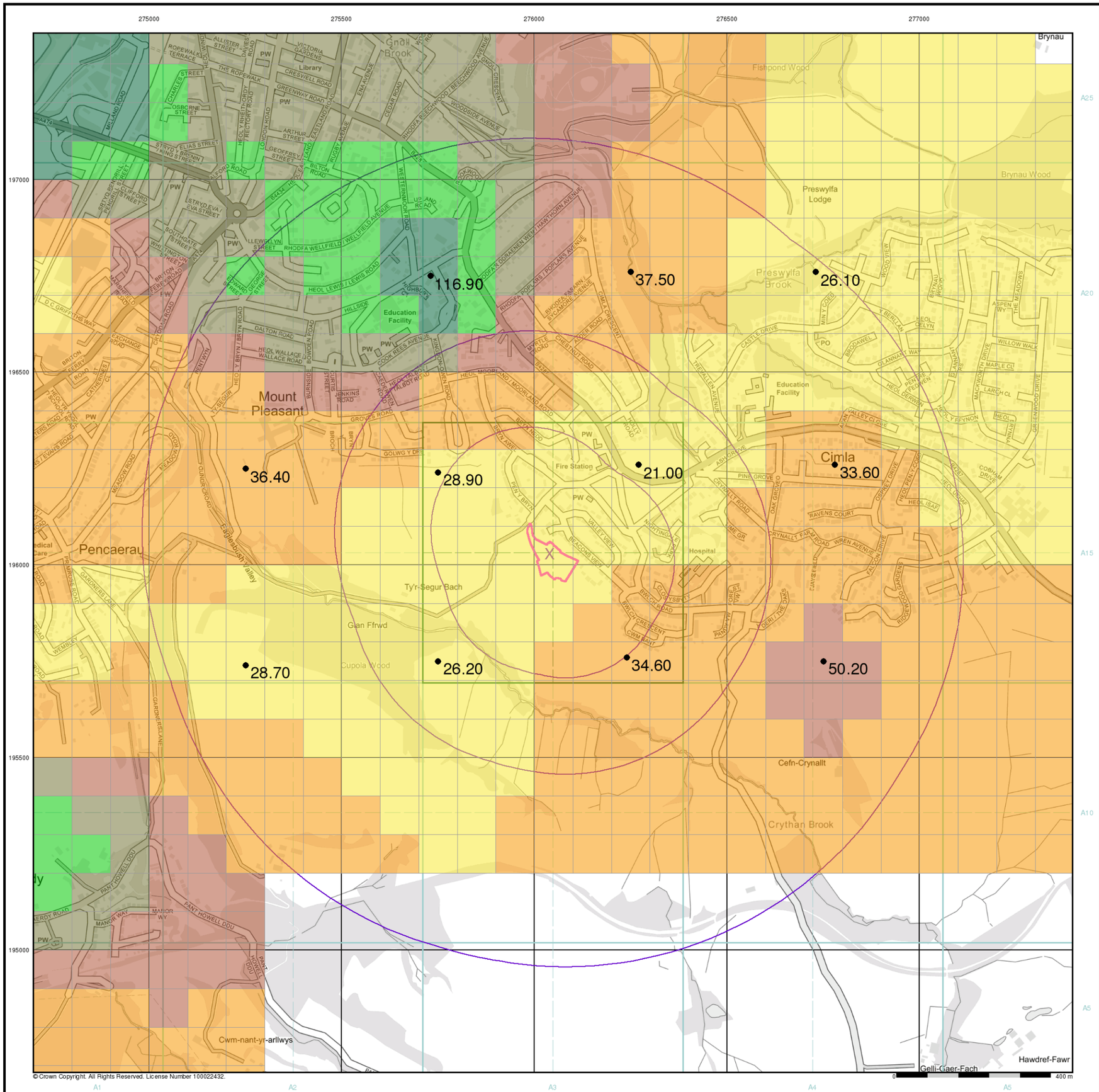


Intégral Géotechnique

General

Specified Site | Specified Buffer(s) | X Bearing Reference Point

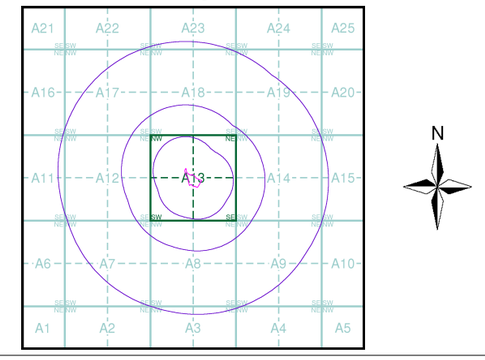
Urban Soil Chemistry Nickel

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Urban Soil Chemistry Nickel - Slice A



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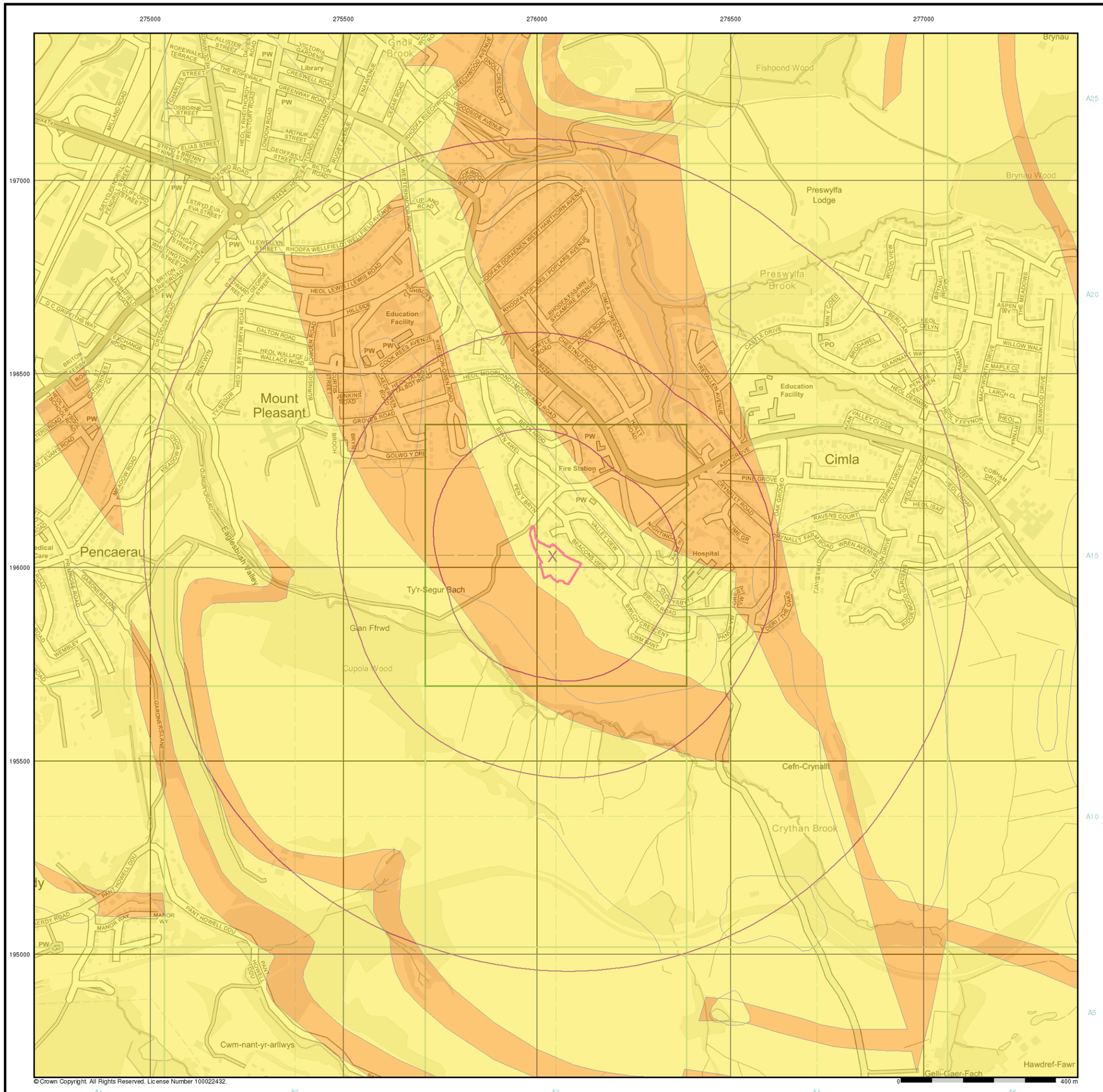


Intégral Géotechnique

General

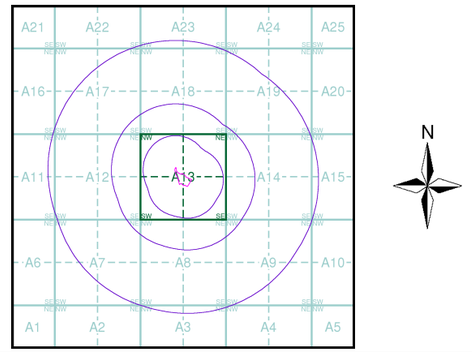
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice A



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National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
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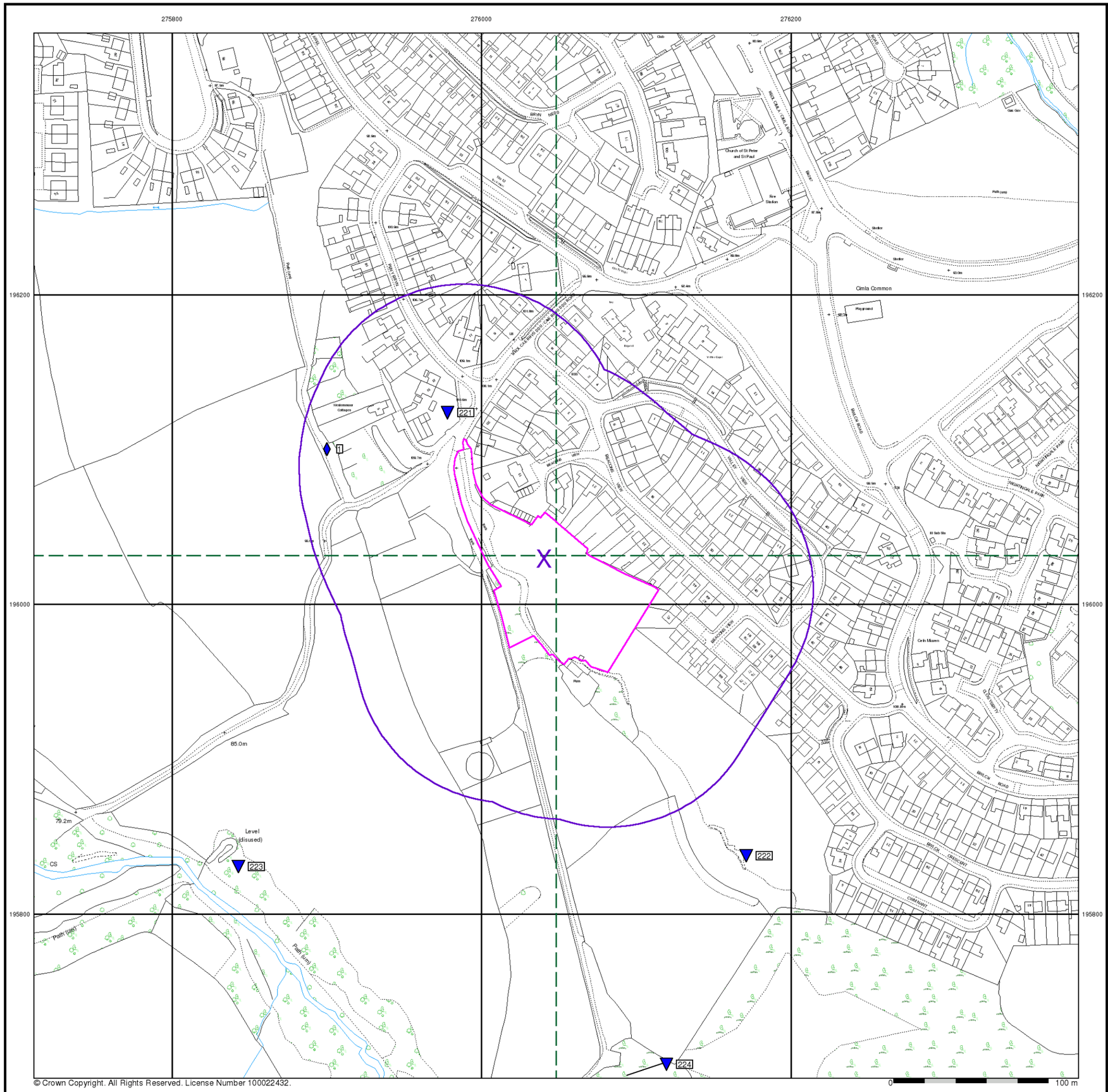


Intégral Géotechnique

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

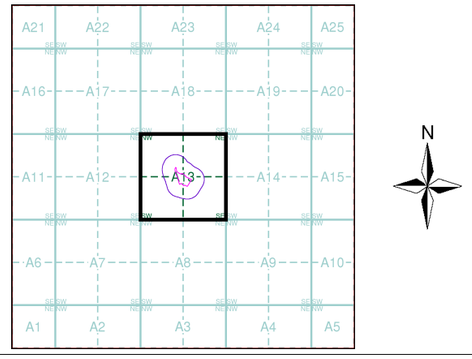
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A13



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Plot Buffer (m):	100

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

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

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LSGR	Landscaped Ground (Undivided)	Artificially Modified Ground	Not Supplied - Holocene
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Not Supplied - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TFD	Tidal Flat Deposits	Clay, Silt and Sand	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GFSDD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFICD	Glaciofluvial Ice Contact Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	PEAT	Peat	Peat	Not Supplied - Quaternary
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	ALF	Alluvial Fan Deposits	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SW	Swansea Member	Sandstone	Not Supplied - Westphalian
	H	Hughes Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SW	Swansea Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	H	Hughes Member	Sandstone	Not Supplied - Westphalian
	BD	Brithdir Member	Sandstone	Not Supplied - Westphalian
	BD	Brithdir Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	RA	Rhondda Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	RA	Rhondda Member	Sandstone	Not Supplied - Westphalian
		Rock Segments		
		Faults		

Intégral Géotechnique

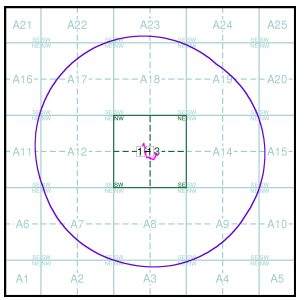
Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**247**
Map Name:	**Swansea**
Map Date:	**2011**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice A



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National Grid Reference:	276040, 196030
Slice:	A
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Search Buffer (m):	1000

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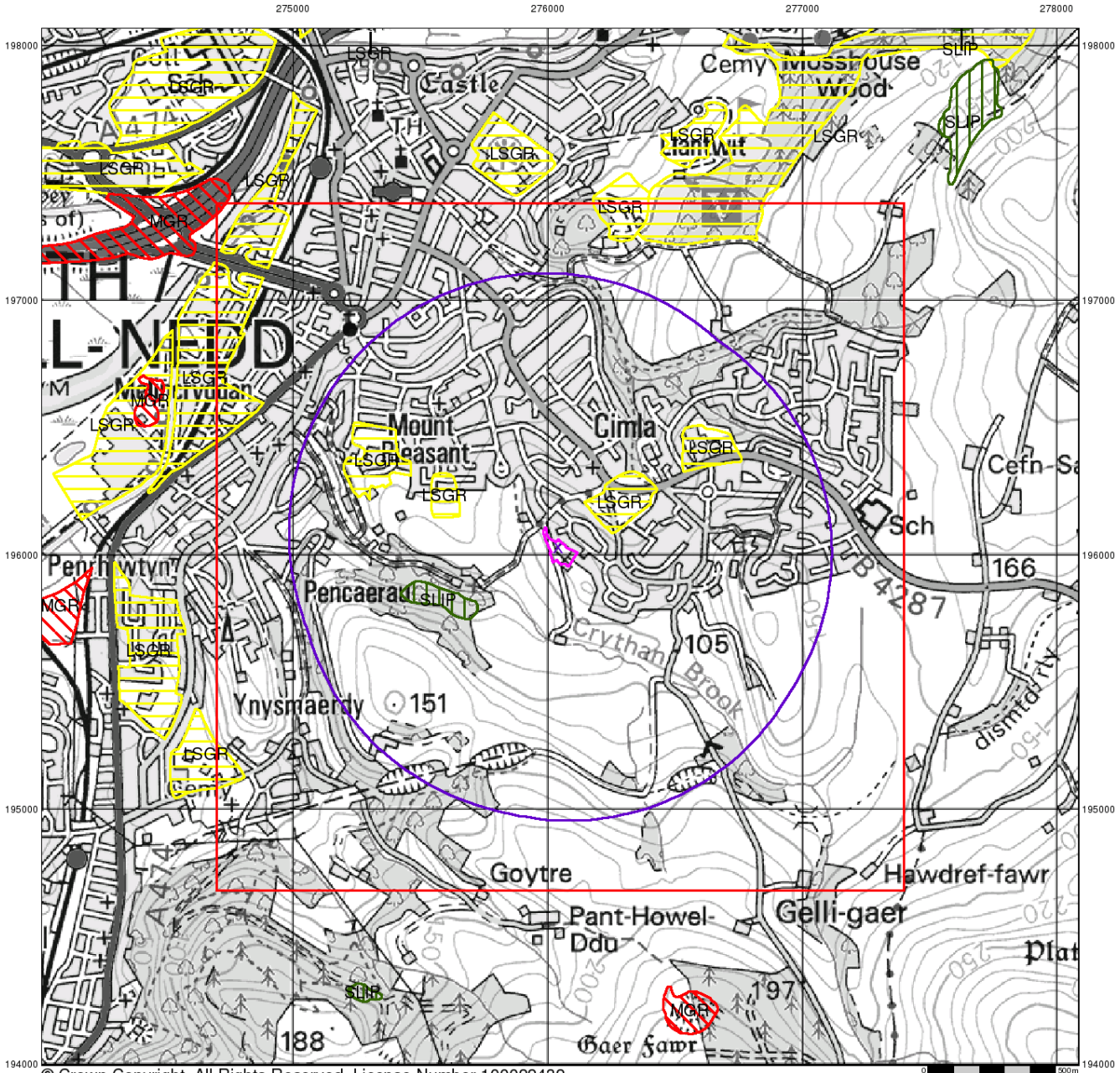
Web: www.envirocheck.co.uk



Intégral
Géotechnique

Artificial Ground and Landslip

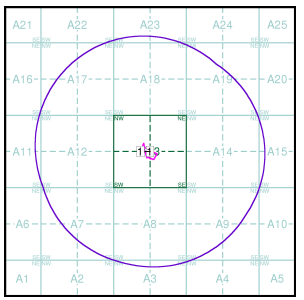
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



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Slice:	A
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Site Details:

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

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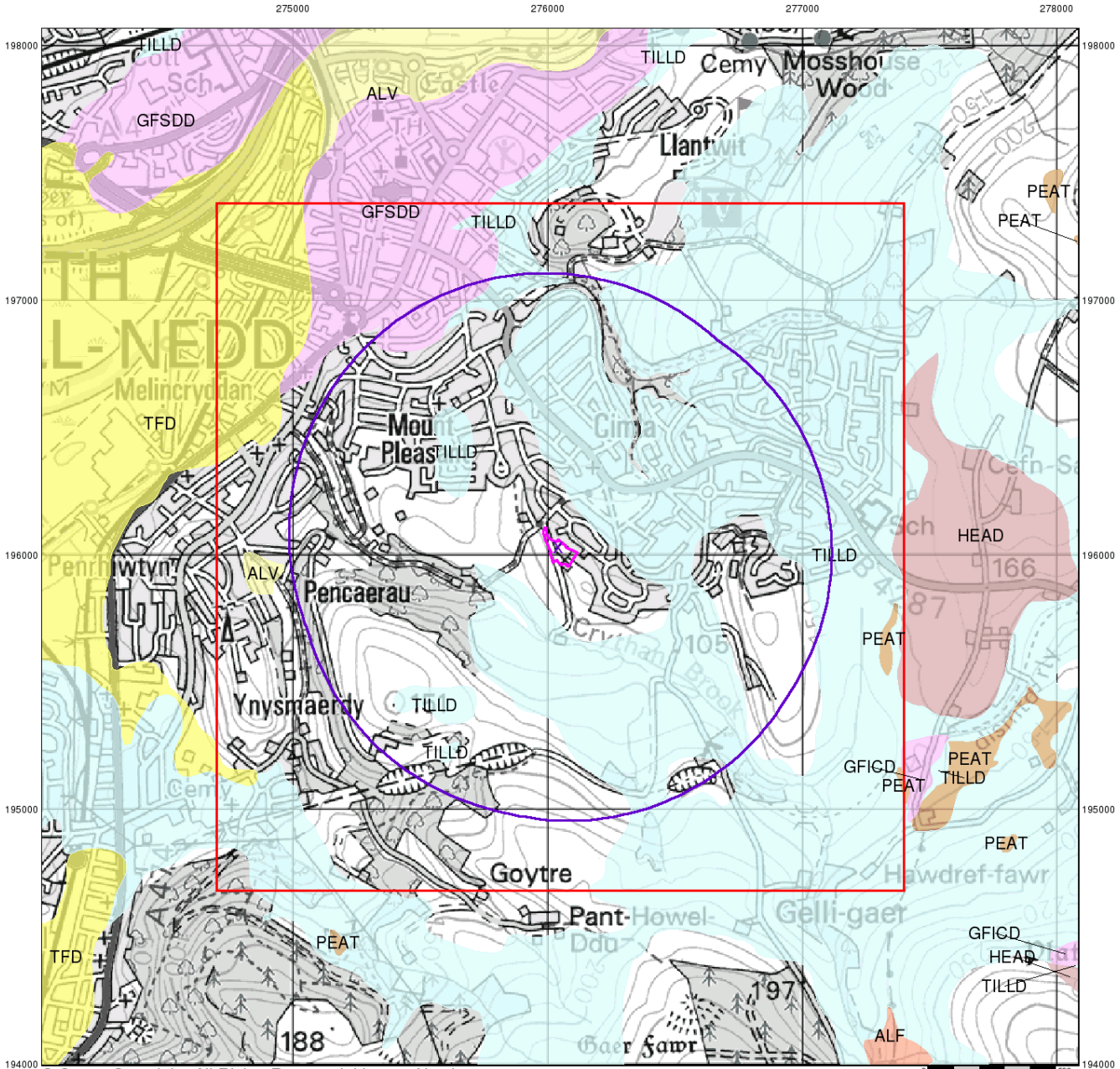


Intégral
Géotechnique

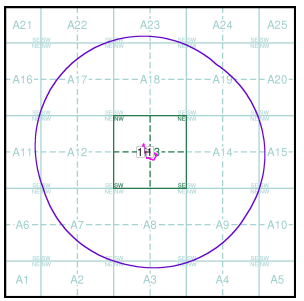
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



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Slice:	A
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Site Details:

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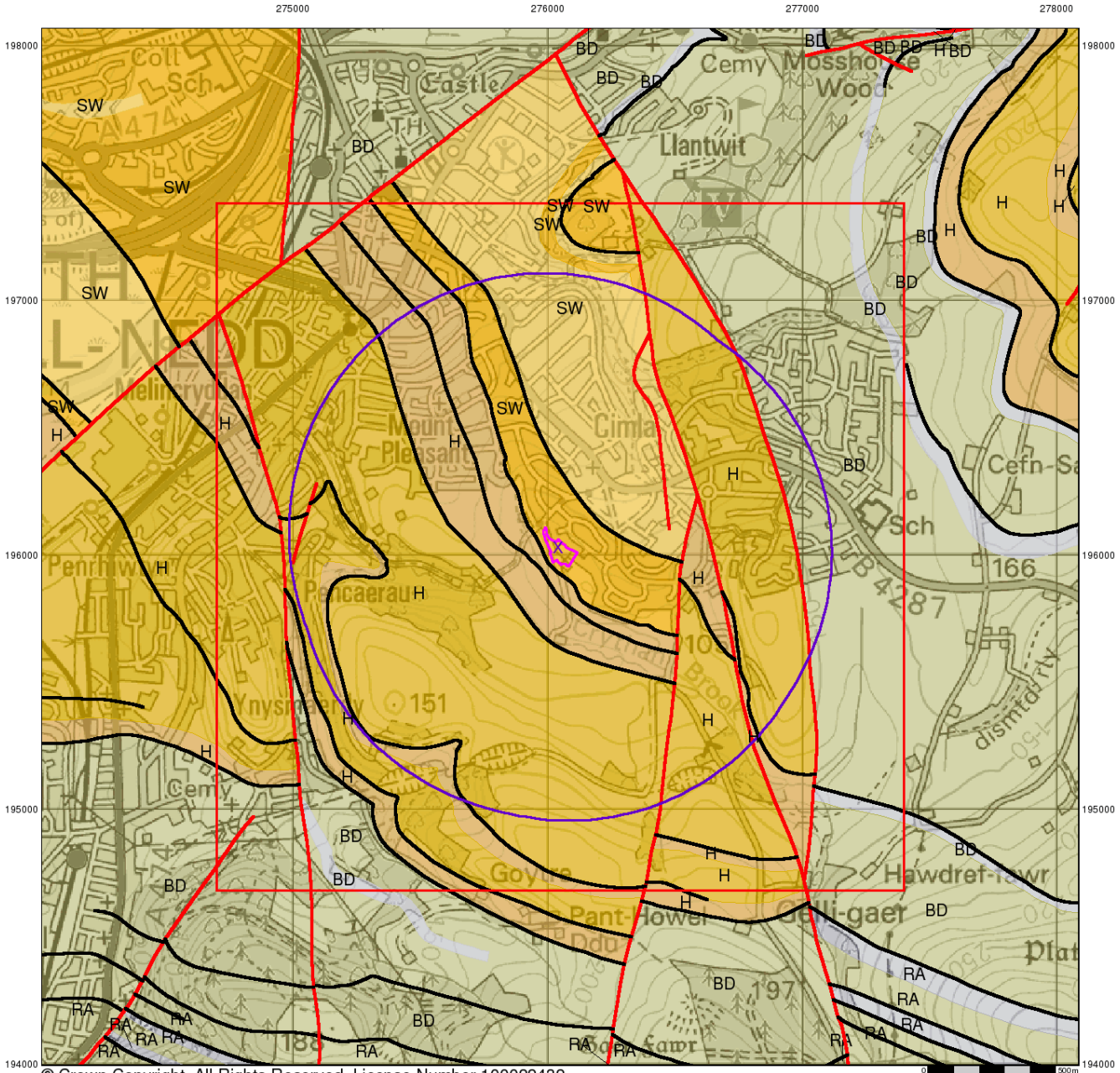
Web: www.envirocheck.co.uk



Intégral
Géotechnique

Bedrock and Faults

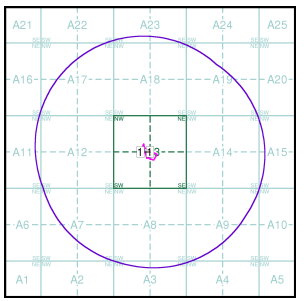
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



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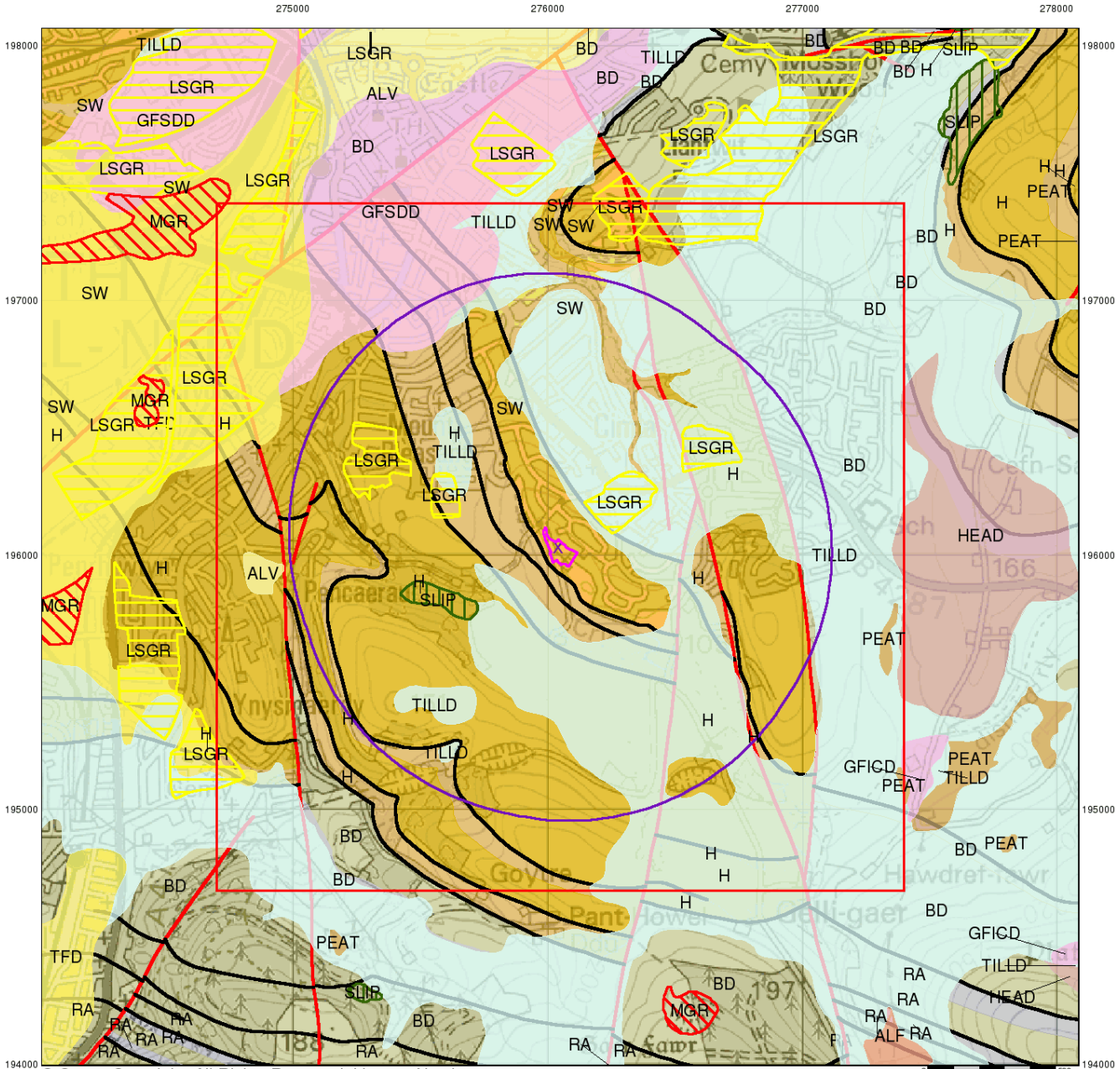
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details:

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

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



Intégral Géotechnique

Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

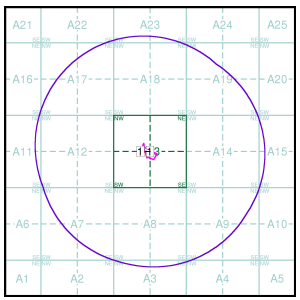
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A



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Customer Reference:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details:

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

APPENDIX D Boundary Condition Survey

Four-M Development Services Limited
c/o Hammond Architectural Services
Melrose Court, Melrose Hall, St Mellons, Cardiff, CF3 0EG
Tel. 02920 776900 Fax. 02920 799619

Former Tudor Inn, Cimla, Neath.

Set out below are the findings and recommendations resultant from a walkover survey carried out on Monday 25th February 2013 and review of Preliminary Sketch Layout numbered AD02.

Survey of Boundary Conditions

Individual boundaries are shown referenced on the copy of the Site Boundary Key Plan contained in the Appendix A whilst Appendix B contains record photographs. Particular conditions are designated from A to L inclusive and are described in more detail as follows:-

Boundary A

Is formed by a linear stand of large mature conifers with a concrete block facing wall to a raised earth bund that varies from 300mm to 600mm in height. Ground levels both sides of this bund appear to be consistent, therefore no effective retention exists at this boundary. It should be noted that proposed site levels may result in the removal of these conifer trees.

Access to the site is achieved at this location from Cae Rhys Ddu which follows a steep uphill gradient. In addition, two access tracks diverge from Cae Rhys Ddu at the site entrance. In order to achieve a highway design compliant with adoptable standards it is anticipated that proposed roadway levels at the site entrance/adjacent this boundary will be significantly lower than existing. Consequently the proposed road should be given as southerly an alignment as ownerships and levels permit.

Boundary B

Concrete block wall of approximately 1.8m height with prefab garages behind which are visibly in a dilapidated state. Current ground levels indicate there is no effective retention at this boundary.

Boundary C

A line of mature conifers exists in a raised planting bed. Once this is removed by site clearance there would appear to be no boundary retention.

Boundary D

This boundary is an earth bunded field boundary with dry stone facings now in a dilapidated state with a post and wire fence on top . One property has the bund in a rebuilt state with vertical planar stone pitching to its faces and a close boarded fence on top. There does not appear to be any retention at this boundary.

Boundary E

This appears to be the original stone faced earth bund to the fields. The neighbouring property lies generally at a lower level than the site boundary but there do not appear to be any retention issues along this boundary. From a point approximately midway along this boundary the land falls at a significant gradient to the North East.

Boundary F

This is an open unfenced boundary above a vertical exposed rock face of some 4.0 metres height. This rock face is planar sandstone with horizontal bedding. A dilapidated stone building exists at the lower level close to the boundary line. In the longer term with this rock face facing in a SSW direction it will be subject to the prevailing SW winds and driven rain with consequent risk of weathering.

Due to the boundary effectively being a vertical face it is recommended that no buildings, roads or driveways be erected within a build exclusion zone of 6.0 metres measured from the boundary. In addition some form of protection to the vertical rock face is recommended so as to maintain the long term stability of the area above the rock face.

Boundary G

This section of the boundary is overgrown with scrub and is of a steep slope. The presence of vegetation is likely to be contributing to its stability. This section of the site slopes down to a track providing access to the adjacent dilapidated stone building.

Boundary H

This boundary slopes steeply down to an access lane to a livestock compound. It appears that this sloping area has been used/is the result of use as a general rubbish tip for the previous site use. The slope is overgrown with scrub and trees which are contributing to its stability. The slope drops down to the lane where there is vertical stone pitching to a vertical face. It is considered that this stone pitching is essentially cosmetic and should not be considered as a retaining structure.

Boundary J

This area is covered with an extensive stand of Japanese Knotweed which will need treating and eliminating in an approved manner. There are remnant walls and occasional waste in the slope under adjacent ownership. Generally the steep slope has scrub and tree cover contributing to its stability.

Boundary K

This is a vertical stone pitched boundary above the lane access in a condition varying from good to dilapidated. Either freestanding dwarf walls or raised bunds exist at the site surface. The stone pitching should be regarded as cosmetic and not as a retaining structure.

Remedial Options.

1. Consideration should be given to treating boundaries G, H ,J and K by regrading the embankments to a stable slope gradient and stabilising with a geogrid and suitable landscaping e.g. groundcover planting and trees.

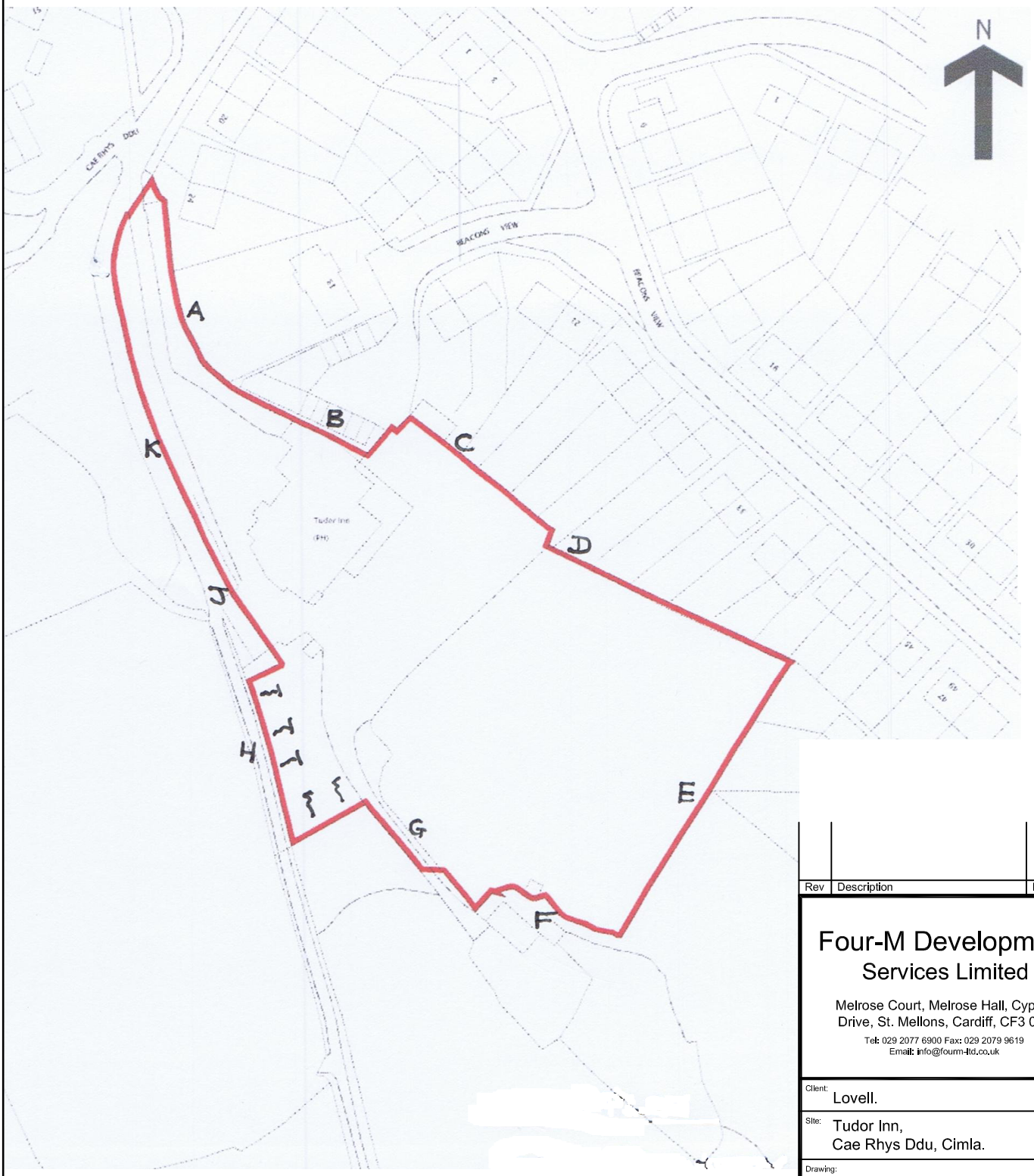
2. Boundary F. Application of netting to exposed face of rock and/or placement of fill against the vertical face to achieve a sloping ground profile either under license or following purchase of the adjacent land with the ruin on it.

3. It appears that the onsite bedrock is to a near horizontal bedding plane and as such it may be difficult to achieve interface with fractures for soakaway drainage. On-site percolation tests are recommended.

4. It should be noted that the regrade design to the rear gardens to plot numbers 7-14 inclusive will require to include terracing. The dwellings to plots 19 and 20 may require reorientation so as to increase clearance to the boundary steep slope.

Appendix A.

Appendix B.



Rev	Description	Date

Four-M Development Services Limited

Melrose Court, Melrose Hall, Cypress Drive, St. Mellons, Cardiff, CF3 0EG.

Tel: 029 2077 6900 Fax: 029 2079 9619
Email: info@fourm-ltd.co.uk

Client: Lovell.

Site: Tudor Inn, Cae Rhys Ddu, Cimla.

Drawing: Site Boundary Key Plan.

Scale:	Date:
N.T.S.	February 2013
Designed By: S.J.F.	Status: Preliminary.

Drawing No.: 312052 - 10 Rev -

APPENDIX E Stability Report

Intégral
Géotechnique

Envirocheck® Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:
294212658_1_1

Customer Reference:
14036/LP

National Grid Reference:
276040, 196030

Slice:
A

Site Area (Ha):
0.78

Search Buffer (m):
1000

Site Details:

Phase 1
Former Tudor Inn, Beacons View
Cimla
Neath
SA11 3SB

Client Details:

MR H Pritchard
Integral Geotechnique
Integral House
7 Beddau Way
Castlegate Business Park
Caerphilly
CF83 2AX

Intégral Géotechnique

Contents

Report Version v53.0

Intégral Géotechnique

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites	pg 1		3	6	10
Coal Mining Affected Areas	pg 4	Yes	n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability	pg 4	Yes	n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential Mining Areas	pg 4	9	4	3	15
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)	pg 8		3	n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)	pg 8		1	n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)	pg 8		2	n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)	pg 8		2	n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 8	1	1	n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground	pg 9			2	1
General Quarrying	pg 9		1		7
Heap, unknown constituents	pg 9				1
Mineral Railway	pg 9				3
Mining & quarrying general	pg 9				2
Mining of coal & lignite	pg 9		2	5	7
Quarrying of sand & clay, operation of sand & gravel pits					
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 10		1	5	10
Potentially Infilled Land (Water)	pg 11			2	8
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 12	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 12	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 12	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 12	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 12	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 12	Yes	Yes	n/a	n/a
Salt Mining Related Features					

Intégral
Géotechnique

Summary

Report Version v53.0

Intégral Géotechnique

Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**BGS Recorded Mineral Sites** Site Name: Westernmoor Cottages Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154443 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	21	1	275978 196125
2	**BGS Recorded Mineral Sites** Site Name: Cae Rhys Ddu Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154423 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	148	1	276171 195839
3	**BGS Recorded Mineral Sites** Site Name: Cwm Cottage Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154424 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	225	1	275843 195832
4	**BGS Recorded Mineral Sites** Site Name: Cwm-Pandy Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154432 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (S)	261	1	276094 195696
5	**BGS Recorded Mineral Sites** Site Name: Ty'N-Yr-Heol Arms Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154421 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14SW (E)	391	1	276489 195901
6	**BGS Recorded Mineral Sites** Site Name: Cwm-Pandy Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154433 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	405	1	276387 195691

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**BGS Recorded Mineral Sites** Site Name: Highfield Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154414 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (N)	456	1	276063 196556
8	**BGS Recorded Mineral Sites** Site Name: Ty-Segur Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154425 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	477	1	275603 196387
9	**BGS Recorded Mineral Sites** Site Name: Ysgubor-Newydd Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154422 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	496	1	276322 196474
10	**BGS Recorded Mineral Sites** Site Name: Gimlu Park Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154412 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18NE (N)	650	1	276059 196752
11	**BGS Recorded Mineral Sites** Site Name: Crynollt Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154420 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SE (E)	691	1	276805 196007
12	**BGS Recorded Mineral Sites** Site Name: Cimla Park Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154451 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18NW (N)	886	1	275898 196988

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	**BGS Recorded Mineral Sites** Site Name: Eaglesbush Grove Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154426 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NW (W)	891	1	275095 196171
14	**BGS Recorded Mineral Sites** Site Name: Westernmoor Colliery Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154409 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A17NW (NW)	907	1	275353 196754
15	**BGS Recorded Mineral Sites** Site Name: Cefn Saeson Dingle Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154419 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	913	1	276926 196425
16	**BGS Recorded Mineral Sites** Site Name: Mount Pleasant Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154442 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	937	1	275175 196572
17	**BGS Recorded Mineral Sites** Site Name: Gnoll Colliery Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154410 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A23SW (N)	981	1	275778 197064
18	**BGS Recorded Mineral Sites** Site Name: Garth-Mor Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154431 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	986	1	275103 195605

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	**BGS Recorded Mineral Sites** Site Name: Gnoll Colliery Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154411 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A23SW (N)	994	1	275873 197094
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SW (SE)	0	2	276040 196030
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (SE)	0	3	276040 196030
	Non Coal Mining Areas of Great Britain No Hazard				
20	**Potential Mining Areas** Name: Eaglesbush Ceased Operation: 1903 Commodity: Coal; Esgyrn or Hughes Reference: 4440 Alternate Name/Mine: Garlant Custodian: Not Supplied	A13SW (SE)	0	4	276040 196030
21	**Potential Mining Areas** Name: Eaglesbush and Eskyn Ceased Operation: 1859 Commodity: Coal; Rotten or Bwdwr Reference: 10976 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13SW (W)	0	4	276002 196030
22	**Potential Mining Areas** Name: Western Moor Ceased Operation: Not Supplied Commodity: Coal; Seam unnamed Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: W.E.C. Thomas, Brynhafod, Neath.	A13SW (SE)	0	4	276040 196030
23	**Potential Mining Areas** Name: Western Moor and Penrose Ceased Operation: 1874 Commodity: Coal; Western Moor Two Feet Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: Eaglesbush Estate Office, Eaglesbush, Neath.	A13SW (SE)	0	4	276040 196030
24	**Potential Mining Areas** Name: Western Moor Ceased Operation: 1888 Commodity: Coal; Western Moor Reference: 3273 Alternate Name/Mine: Davies Custodian: Not Supplied	A13SW (SE)	0	4	276040 196030
25	**Potential Mining Areas** Name: Western Moor Ceased Operation: 1887 Commodity: Coal; Western Moor Reference: Not Supplied Alternate Name/Mine: Eastland Custodian: Eaglesbush Estate Office, Eaglesbush, Neath.	A13SW (SE)	0	4	276040 196030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	**Potential Mining Areas** Name: Penrose Ceased Operation: 1870 Commodity: Coal; Erskine (Esgyrn) or Hughes; Boddwr Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: J. Thomas, Earl of Jersey's Estate Office, Briton Ferry.	A13SW (SE)	0	4	276040 196030
27	**Potential Mining Areas** Name: Penrose and Eaglesbush Ceased Operation: Not Supplied Commodity: Coal; Esgyrn or Hughes Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: Evan Harris, Rhydding, Neath.	A13SW (W)	0	4	276002 196030
28	**Potential Mining Areas** Name: Penrose and Eaglesbush Ceased Operation: Not Supplied Commodity: Coal; Eskyrn (Esgyrn); New Or Boddwr; Rotten Reference: Not Supplied Alternate Name/Mine: Airometer Alternate Name/Mine: Eskyn Stack Old Custodian: Eaglesbush Estate Office, Eaglesbush, Neath.	A13SW (SE)	0	4	276040 196030
29	**Potential Mining Areas** Name: Crythan Ceased Operation: 1922 Commodity: Coal; Westernmoor Reference: 7563 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13SW (S)	108	4	275999 195866
30	**Potential Mining Areas** Name: Gnoll Ceased Operation: Not Supplied Commodity: Coal; Little; Hard; Greenway Reference: Not Supplied Alternate Name/Mine: Fire Engine Alternate Name/Mine: Greenway Alternate Name/Mine: Morgan Edwards Custodian: Eaglesbush Estate Office, Eaglesbush, Neath.	A13NW (N)	162	4	276046 196267
31	**Potential Mining Areas** Name: Gnoll House Ceased Operation: 1902 Commodity: Coal; Hard; Little Reference: 4355 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13NW (N)	163	4	276046 196267
32	**Potential Mining Areas** Name: Neath Ceased Operation: Not Supplied Commodity: Coal Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13NW (N)	163	4	276046 196267
33	**Potential Mining Areas** Name: Eaglesbush Ceased Operation: 1927 Commodity: Coal; Treany or Triany Reference: 9262 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A12NE (W)	381	4	275600 196039

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	**Potential Mining Areas** Name: Treany or Melyn Ville Ceased Operation: 1905 Commodity: Coal and Shale; Treany Reference: 6023 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A12NE (W)	381	4	275600 196039
35	**Potential Mining Areas** Name: Penrhos or Penrose Ceased Operation: 1927 Commodity: Coal; Boddor Reference: 8761 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A12SE (W)	433	4	275597 195875
36	**Potential Mining Areas** Name: Gnoll Ceased Operation: 1800 Commodity: Coal; Greenway; Hard; Three Feet Six Reference: Not Supplied Alternate Name/Mine: Boulting Mill Alternate Name/Mine: Castle Alternate Name/Mine: Coles Alternate Name/Mine: Fire Engine Alternate Name/Mine: Greenway Alternate Name/Mine: Greenway New Custodian: Eaglesbush Estate Office, Eaglesbush, Neath.	A18SE (N)	565	4	276054 196670
37	**Potential Mining Areas** Name: Gnoll Ceased Operation: 1886 Commodity: Coal; Graigola; Hard; Little Reference: 1999 Alternate Name/Mine: Nos. 1, 2, 3, 4 Custodian: Not Supplied	A18SE (N)	565	4	276054 196670
38	**Potential Mining Areas** Name: Gnoll Ceased Operation: 1848-1886 Commodity: Coal; Greenway; Hard; Little Reference: 10975 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A18SE (N)	565	4	276054 196670
39	**Potential Mining Areas** Name: Garlent Ceased Operation: 1892 Commodity: Coal; Garlent Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: Eaglesbush Estate Office, Eaglesbush, Neath.	A7NE (SW)	660	4	275588 195473
40	**Potential Mining Areas** Name: Tyle or Gerlent Ceased Operation: 1924 Commodity: Coal; Gerlent; New Bwdwr Reference: 8680 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A7NE (SW)	660	4	275588 195473
41	**Potential Mining Areas** Name: Danycoed Ceased Operation: 1910 Commodity: Coal; Bodwr; Garlant Reference: 5544 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A12NW (W)	783	4	275198 196048

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	**Potential Mining Areas** Name: Llantwit Lower Ceased Operation: Not Supplied Commodity: Coal Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A12NW (W)	783	4	275198 196048
43	**Potential Mining Areas** Name: Eaglesbush Ceased Operation: 1930 Commodity: Coal; Garlant Reference: 10046 Alternate Name/Mine: Esgyrn Custodian: Not Supplied	A12SW (W)	813	4	275195 195883
44	**Potential Mining Areas** Name: Goytre Ceased Operation: 1931 Commodity: Coal; Bwdwr Reference: 10612 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A8SW (S)	901	4	275982 195062
45	**Potential Mining Areas** Name: Ynysmaerdy Ceased Operation: 1927 Commodity: Coal; Bodwr Fach or Garlant; Esgyrn or Hughes Reference: 9089 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A8SW (S)	901	4	275982 195062
46	**Potential Mining Areas** Name: Briton Ferry Ceased Operation: Not Supplied Commodity: Coal Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A8SW (S)	901	4	275982 195062
47	**Potential Mining Areas** Name: Eskyn Ceased Operation: 1911 Commodity: Coal; Wenallt Rider Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: T.H.E. Morgan, Mineral Offices, Resolven, Neath.	A8SE (S)	953	4	276384 195053
48	**Potential Mining Areas** Name: Eskyn Ceased Operation: 1917 Commodity: Coal; Wenallt Reference: 8639 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A8SE (S)	953	4	276384 195053
49	**Potential Mining Areas** Name: Gnoll Ceased Operation: Not Supplied Commodity: Coal; Seam unnamed Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: Graigola Merthyr Colliery Co. Ltd., Cambrian Place, Swansea.	A23SE (N)	967	4	276063 197072
50	**Potential Mining Areas** Name: Greenway Ceased Operation: 1800 Commodity: Coal; Probably Graigola Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: J.E.R. Thomas, Church Place, Neath.	A23SW (N)	967	4	276025 197073

Historical Land Use Information (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	**Extractive Industries or Potential Excavations from 1855-1909** Use: Old Quarry First Map Published Date: 1881 Last Map Published Date: Not Applicable	A13SE (S)	1	-	276060 195963
52	**Extractive Industries or Potential Excavations from 1855-1909** Use: Well First Map Published Date: 1881 Last Map Published Date: Not Applicable	A13SW (W)	63	-	275934 196027
53	**Extractive Industries or Potential Excavations from 1855-1909** Use: Well First Map Published Date: 1881 Last Map Published Date: Not Applicable	A13NW (W)	79	-	275913 196038
54	**Extractive Industries or Potential Excavations from 1893-1915** Use: Well First Map Published Date: 1899 Last Map Published Date: Not Applicable	A13NW (W)	77	-	275914 196041
55	**Extractive Industries or Potential Excavations from 1906-1937** Use: Old Quarry First Map Published Date: 1919 Last Map Published Date: Not Applicable	A13NW (NW)	9	-	275973 196101
56	**Extractive Industries or Potential Excavations from 1906-1937** Use: Well First Map Published Date: 1919 Last Map Published Date: Not Applicable	A13NW (W)	78	-	275914 196038
57	**Extractive Industries or Potential Excavations from 1924-1949** Use: Unspecified Pit First Map Published Date: 1935 Last Map Published Date: Not Applicable	A13NW (NW)	8	-	275974 196103
58	**Extractive Industries or Potential Excavations from 1924-1949** Use: Well First Map Published Date: 1935 Last Map Published Date: Not Applicable	A13NW (W)	78	-	275914 196041
59	**Extractive Industries or Potential Excavations from 1950-1980** Use: Unspecified Quarry First Map Published Date: 1970 Last Map Published Date: N/A	A13SE (S)	0	-	276058 195965
60	**Extractive Industries or Potential Excavations from 1950-1980** Use: Unspecified Pit First Map Published Date: 1951 Last Map Published Date: N/A	A13NW (NW)	12	-	275971 196107

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	**Disturbed Ground** Use: Not Supplied Date of Mapping: 1884	A14NW (E)	365	-	276468 196095
62	**Disturbed Ground** Use: Not Supplied Date of Mapping: 1921	A13NE (NE)	387	-	276334 196328
63	**Disturbed Ground** Use: Not Supplied Date of Mapping: 1884	A17SW (NW)	993	-	275089 196527
64	**General Quarrying** Use: Not Supplied Date of Mapping: 1884	A13SE (SE)	154	-	276168 195830
65	**General Quarrying** Use: Not Supplied Date of Mapping: 1884	A14NW (E)	573	-	276686 196043
66	**General Quarrying** Use: Not Supplied Date of Mapping: 1884	A14SE (E)	687	-	276801 196001
67	**General Quarrying** Use: Not Supplied Date of Mapping: 1884 - 1900	A12NW (W)	829	-	275154 196108
68	**General Quarrying** Use: Not Supplied Date of Mapping: 1884	A12NW (W)	906	-	275105 196316
69	**General Quarrying** Use: Not Supplied Date of Mapping: 1900 - 1921	A17SW (NW)	940	-	275166 196562
70	**General Quarrying** Use: Not Supplied Date of Mapping: 1884 - 1921	A17SW (W)	964	-	275059 196370
71	**General Quarrying** Use: Not Supplied Date of Mapping: 1921	A17SW (NW)	987	-	275074 196478
72	**Heap, unknown constituents** Use: Not Supplied Date of Mapping: 1921	A3NE (S)	992	-	276385 195013
73	**Mineral Railway** Use: Not Supplied Date of Mapping: 1884 - 1921	A8SW (S)	755	-	275963 195210
74	**Mineral Railway** Use: Not Supplied Date of Mapping: 1900	A12NW (W)	797	-	275186 196061
75	**Mineral Railway** Use: Not Supplied Date of Mapping: 1921	A3NE (S)	996	-	276385 195008
76	**Mining & quarrying general** Use: Not Supplied Date of Mapping: 1900	A17NW (NW)	904	-	275354 196750
77	**Mining & quarrying general** Use: Not Supplied Date of Mapping: 1900	A23SW (N)	996	-	275985 197103
78	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1884	A13SW (SW)	113	-	275907 195953
79	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1900	A13SW (SW)	231	-	275839 195828
80	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1884	A8NE (S)	271	-	276084 195686
81	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1884	A14SW (E)	387	-	276483 195893

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1884	A8NE (SE)	405	-	276384 195688
83	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1900	A18SW (N)	455	-	276044 196558
84	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1884	A18SE (NE)	490	-	276326 196463
85	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1900	A18NE (N)	645	-	276052 196748
86	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1900	A12SW (W)	721	-	275264 196030
87	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1884	A17NE (NW)	868	-	275431 196772
88	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1921	A18NW (N)	877	-	275926 196981
89	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1884	A18NW (N)	906	-	275787 196990
90	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1900	A18NW (N)	923	-	275867 197025
91	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1884	A19SE (E)	969	-	276999 196401
92	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13SW (SW)	113	-	275907 195953
93	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A8NE (S)	271	-	276084 195686
94	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14SW (E)	387	-	276483 195893
95	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A8NE (SE)	405	-	276384 195688
96	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SW (N)	455	-	276044 196558
97	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SE (NE)	490	-	276326 196463
98	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14NW (E)	573	-	276686 196043
99	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18NE (N)	645	-	276052 196748
100	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14SE (E)	687	-	276801 196001
101	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A12SW (W)	721	-	275264 196030
102	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A17NE (NW)	868	-	275431 196772

Intégral Géotechnique

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18NW (N)	877	-	275926 196981
104	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A17NW (NW)	904	-	275354 196750
105	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18NW (N)	910	-	275784 196993
106	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A19SE (E)	969	-	276999 196401
107	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A23SW (N)	996	-	275985 197103
108	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A14NW (NE)	377	-	276408 196245
109	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NW (NE)	434	-	276470 196257
110	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A12NE (NW)	587	-	275460 196362
111	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NW (NE)	635	-	276664 196328
112	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1935	A14NE (E)	667	-	276733 196258
113	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NE (E)	669	-	276761 196175
114	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1935	A14NE (E)	687	-	276770 196215
115	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A17NE (NW)	848	-	275449 196761
116	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A17NE (NW)	894	-	275519 196867
117	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A15SW (E)	999	-	277108 195915

Ground Stability Data (1:50,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
118	**Potential for Collapsible Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	276040 196030
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	276040 196030
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	276040 196030
119	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	276040 196030
120	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	15	1	275984 196002
121	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	116	1	276165 196121
122	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	116	1	276165 196121
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	276040 196030
123	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	15	1	275984 196002
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	276040 196030

Historical Map List

The following mapping has been analysed for Historical Land Use Information (1:2,500):

1:2,500	Mapsheet	Published Date
Glamorganshire	016_13	1881
Glamorganshire	016_13	1899
Glamorganshire	016_13	1919
Glamorganshire	016_13	1935
Ordnance Survey Plan	SS7595	1970
Ordnance Survey Plan	SS7695	1970

The following mapping has been analysed for Historical Land Use Information (1:10,000):

1:10,560	Mapsheet	Published Date
Glamorganshire	016_00	1884
Glamorganshire	025_00	1884
Glamorganshire	016_SW	1900
Glamorganshire	025_NW	1900
Glamorganshire	016_SW	1921
Glamorganshire	025_NW	1921
Glamorganshire	016_SW	1935
Glamorganshire	025_NW	1936
Ordnance Survey Plan	SS79NE	1964
Ordnance Survey Plan	SS79SE	1964
Ordnance Survey Plan	SS79SW	1964
Ordnance Survey Plan	SS79NW	1965
1:10,000	**Mapsheet**	**Published Date**
Ordnance Survey Plan	SS79SW	1980
Ordnance Survey Plan	SS79NE	1992
Ordnance Survey Plan	SS79NW	1992
Ordnance Survey Plan	SS79SE	1996

Data Currency

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2021	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2021	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2021	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	**Version**	**Update Cycle**
Subterranean Features Landmark Information Group Limited	February 2020	Bi-Annually
Ground Stability Data (1:50,000)	**Version**	**Update Cycle**
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	 As notified
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	Annual Rolling Update

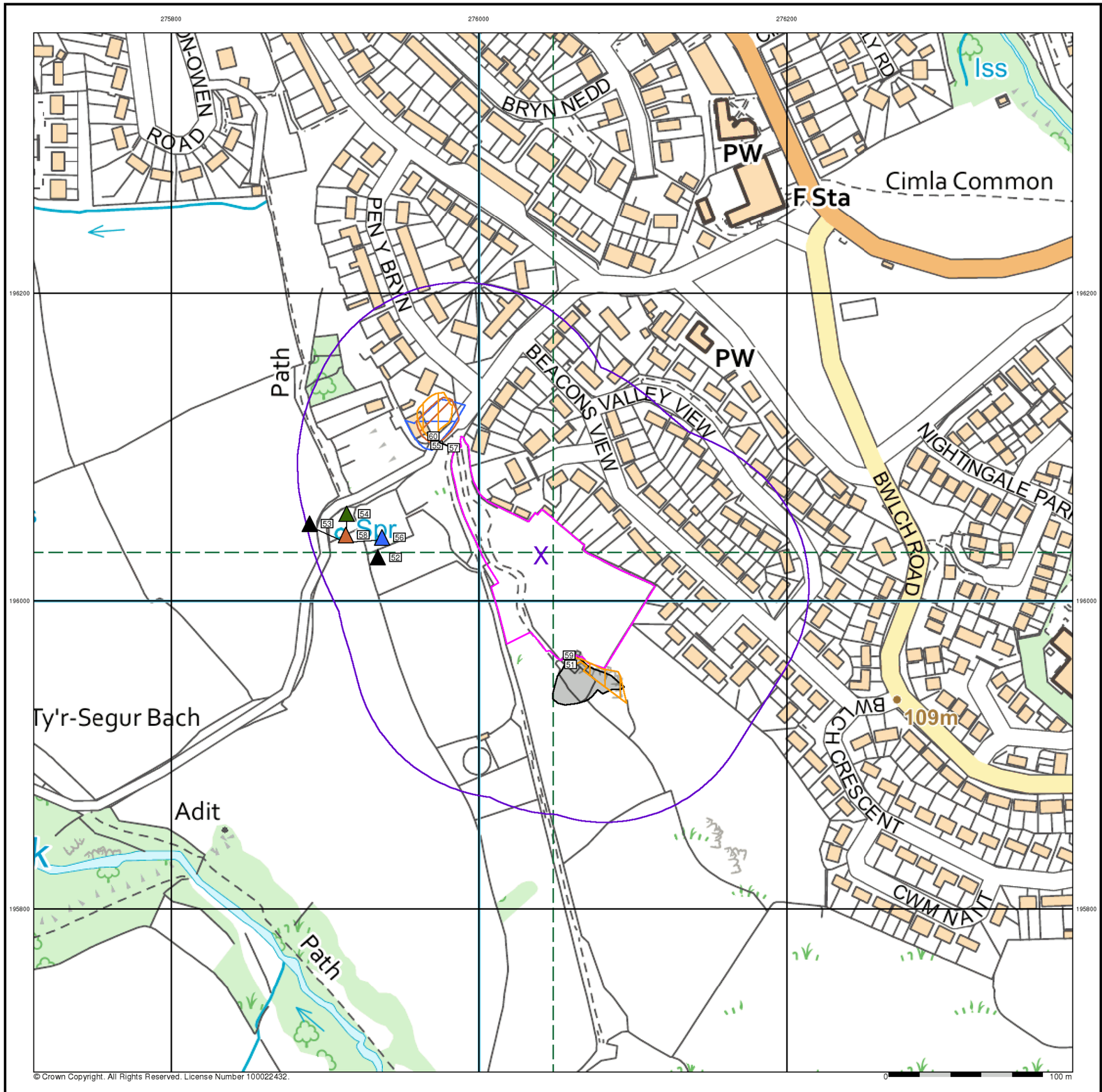
Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Map data
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
The Coal Authority	The Coal Authority
Ove Arup	ARUP
Stantec UK Ltd	Stantec
Wardell Armstrong	wardell armstrong your earth our world
Johnson Poole & Bloomer	JPB

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**The Coal Authority - Property Searches** 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
3	**Ove Arup & Partners** Central Square, Forth Street, Newcastle upon Tyne, Tyne and Wear, NE1 3PL	Telephone: 0191 261 6080 Fax: 0191 261 7879
4	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9960 Fax: 0844 844 9951 Email: customerservice@promap.co.uk Website: www.landmarkinfo.co.uk
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk



Intégral Géotechnique

Historical Land Use Information (1:2,500)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID

Several of Type at Location

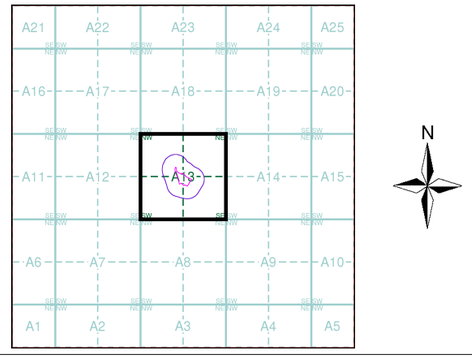
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	▭
Extractive Industries Activity from 1893 - 1915	▲	—	▨
Extractive Industries Activity from 1906 - 1937	▲	—	▤
Extractive Industries Activity from 1924 - 1949	▲	—	▨
Extractive Industries Activity from 1950 - 1980	▲	—	▥

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	▭

Mining and Ground Stability - Segment A13



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Plot Buffer (m):	100

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

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

Intégral Géotechnique

Historical Land Use Information (1:10,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID

Several of Type at Location

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

Historical Land Use

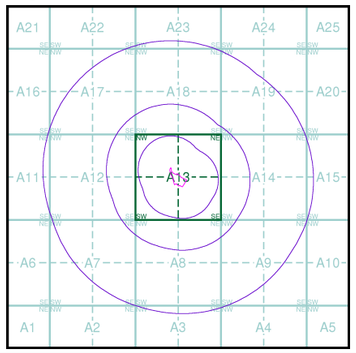
	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

Mining Data

Potential Mining Area

BGS Recorded Mineral Site

Mining and Ground Stability - Slice A



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

Landmark INFORMATION GROUP

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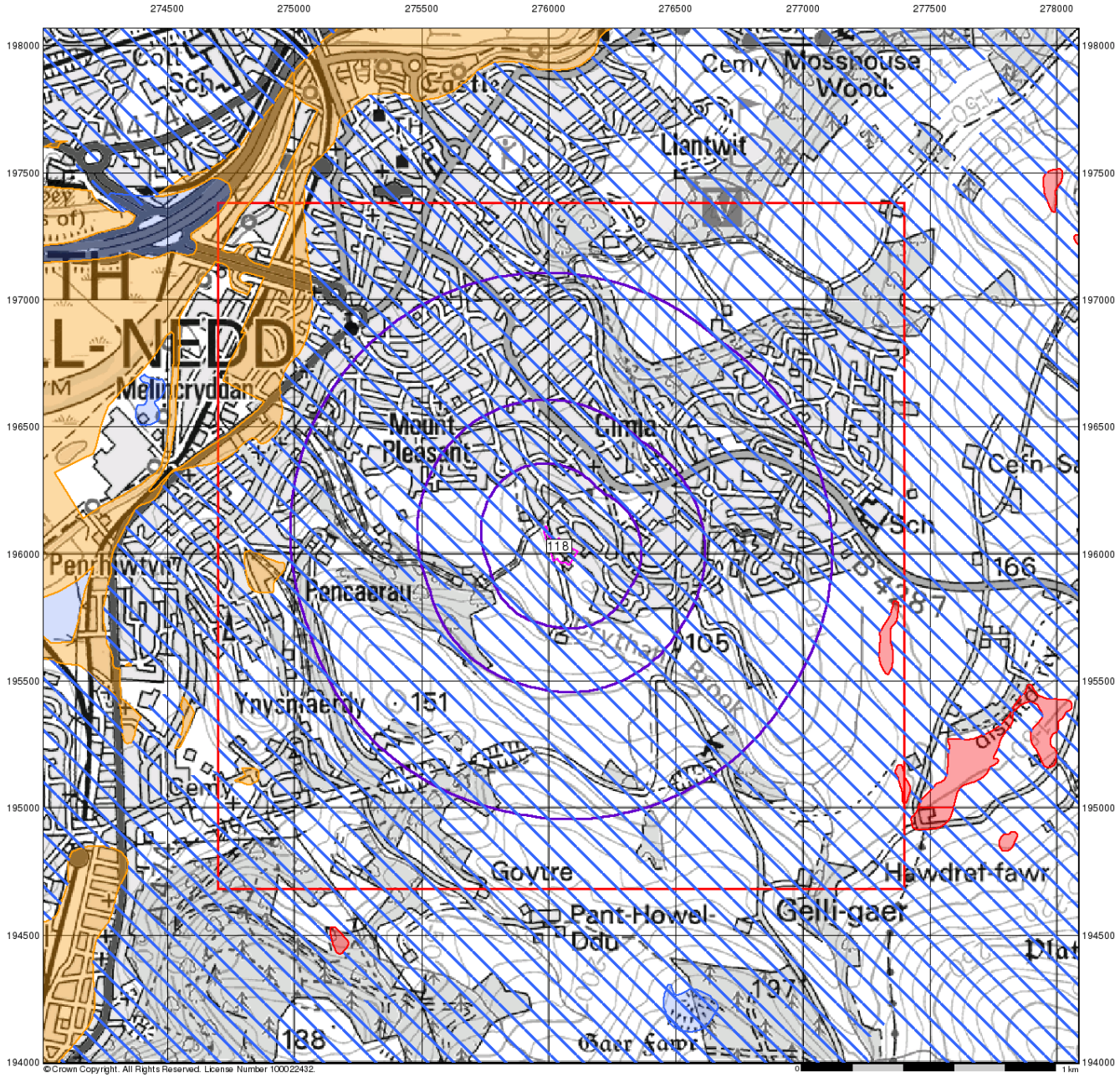
Web: www.envirocheck.co.uk



Intégral
Géotechnique

Ground Stability Data (1:50,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Potential for Compressible Ground Stability Hazards

High | Low
Moderate | Very Low

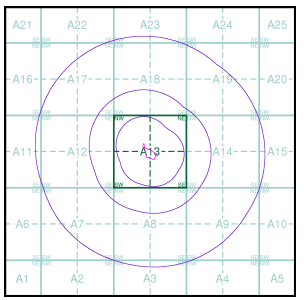
Potential for Collapsible Ground Stability Hazards

High | Low
Moderate | Very Low

Brine Pumping and Salt Mining

	Point	Polygon
Brine Pumping Related Feature	▲	▨
Salt Mining Related Feature	▲	▨

Mining and Ground Stability - Slice A



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

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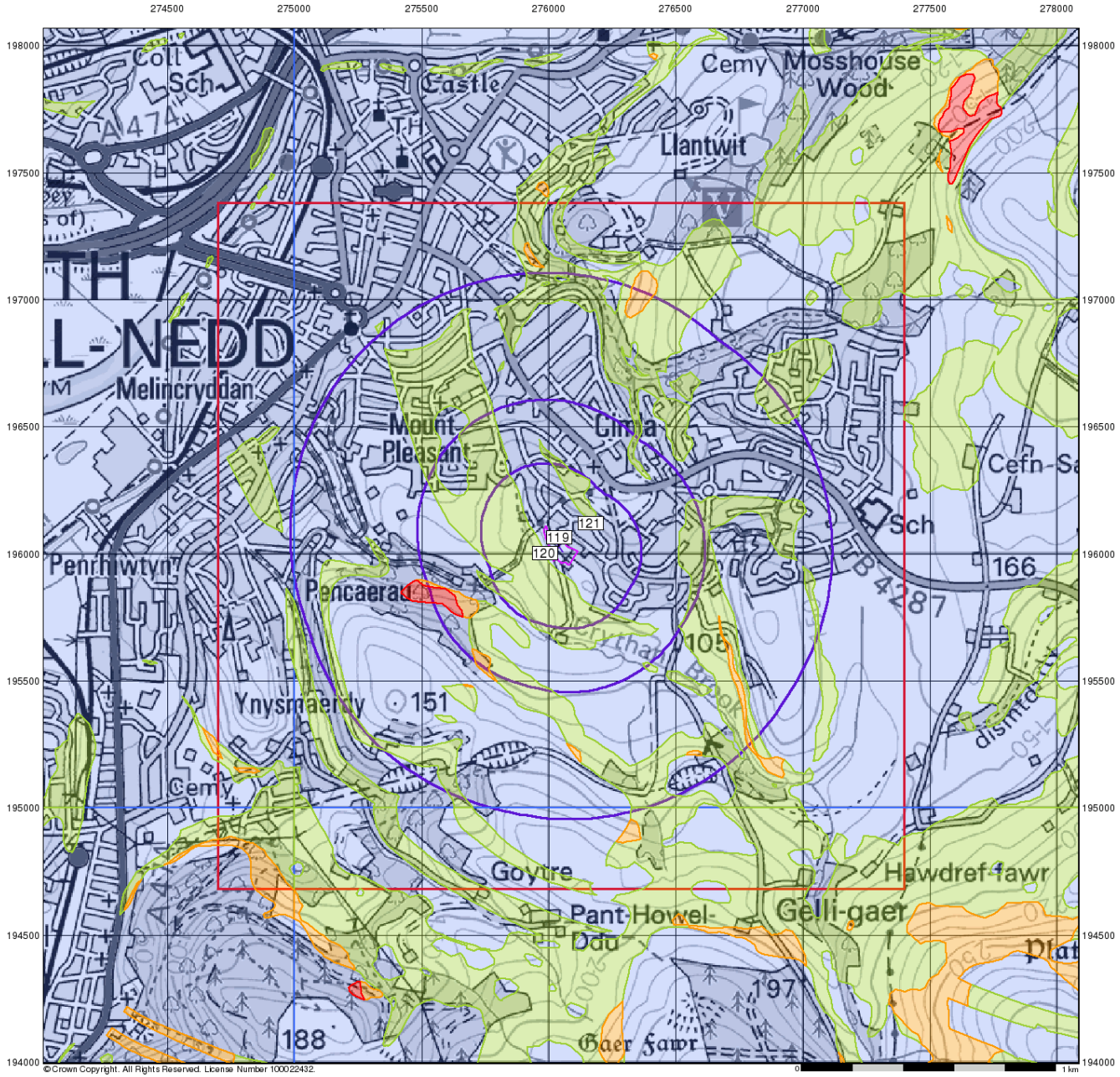
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Intégral Géotechnique

Ground Stability Data (1:50,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

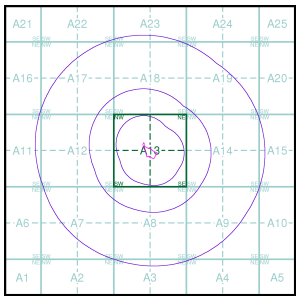
Potential for Landslide Ground Stability Hazards

High | Low
Moderate | Very Low

Potential for Ground Dissolution Stability Hazards

High | Low
Moderate | Very Low

Mining and Ground Stability - Slice A



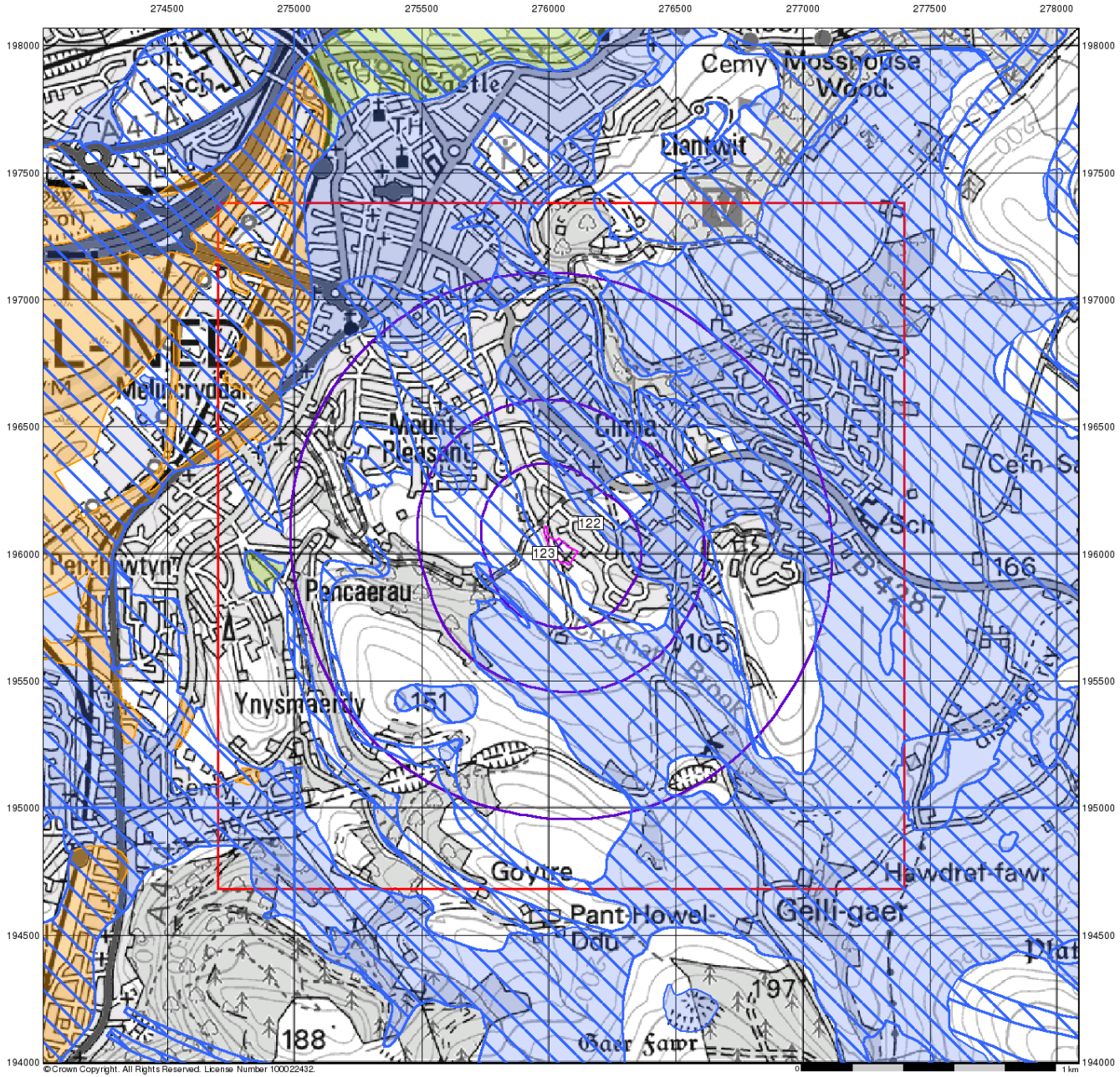
Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

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



Intégral
Géotechnique

Ground Stability Data (1:50,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

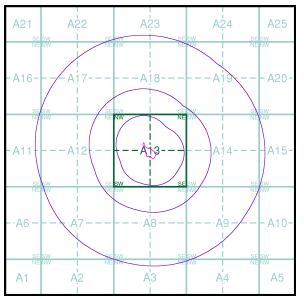
Potential for Running Sand Ground Stability Hazards

High | Low
Moderate | Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

High | Low
Moderate | Very Low

Mining and Ground Stability - Slice A



Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276040, 196030
Slice:	A
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

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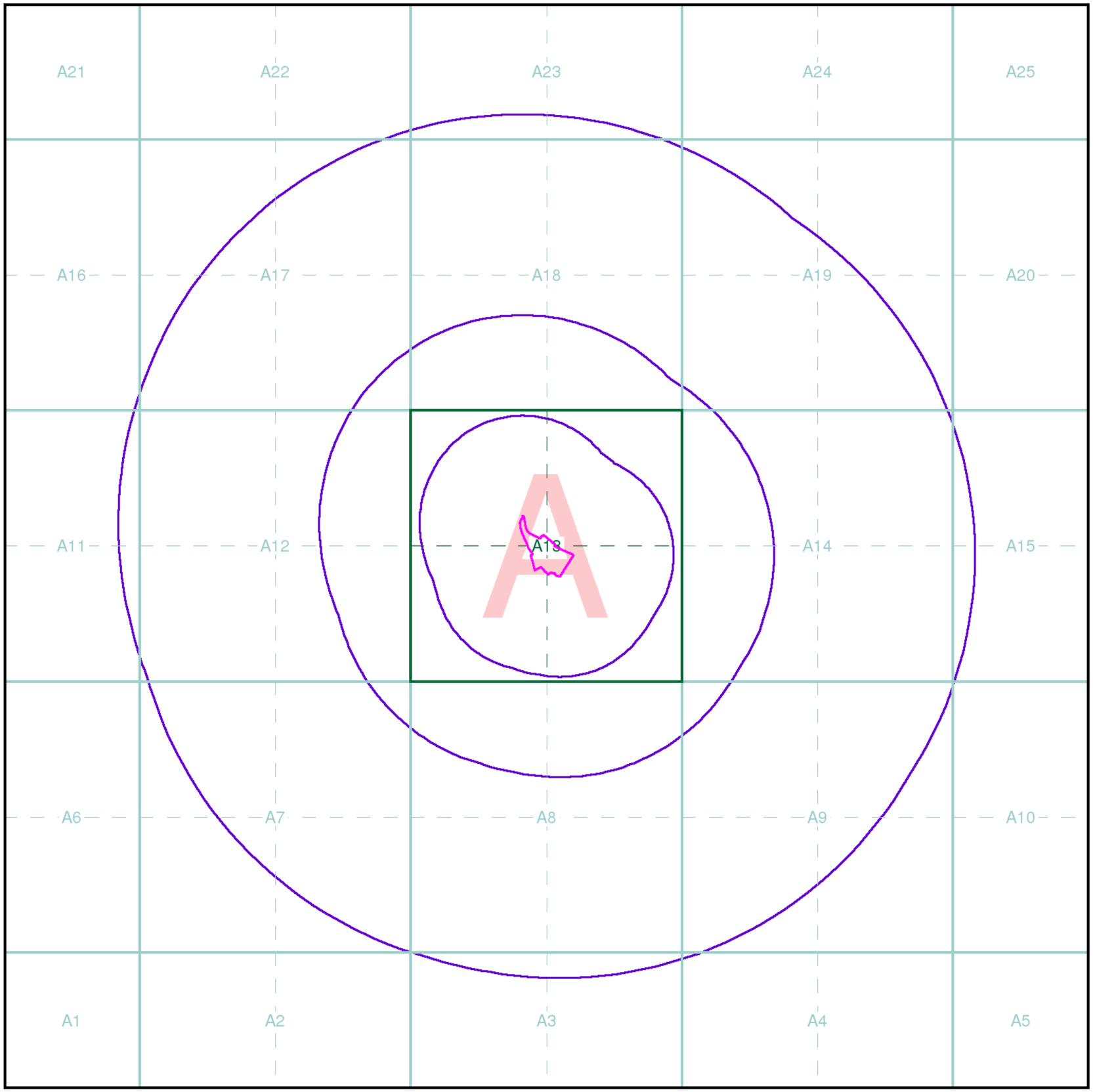

Intégral Géotechnique

Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice
Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment
A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant
A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:

Map data

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Cyfoeth Naturiol Cymru
Natural Resources Wales

Envirocheck reports are compiled from 136 different sources of data.

Client Details

MR H Pritchard, Integral Geotechnique, Integral House, 7 Beddau Way, Castlegate Business Park, Caerphilly, CF83 2AX

Order Details

Order Number:	294212658_1_1
Customer Ref:	14036/LP
National Grid Reference:	276050, 196010
Site Area (Ha):	0.78
Search Buffer (m):	1000

Site Details

Phase 1, Former Tudor Inn, Beacons View, Cimla, Neath, SA11 3SB

Full Terms and Conditions can be found on the following link:
http://www.landmarkinfo.co.uk/Terms/Show/515

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

APPENDIX F Coal Authority Mining Report

The Coal Authority

CON29M
coal mining report

PHASE 1, FORMER TUDOR INN, CIMLA, NEATH PORT TALBOT, SA11 3SB

Known or potential coal mining risks

Further action

No further reports from the Coal Authority are required. Further information on any next steps can be found in our Professional opinion.

For more information on our reports please visit www.groundstability.com

Professional opinion

According to the official mining information records held by the Coal Authority at the time of this search, evidence of, or the potential for, coal mining related features have been identified. In view of the coal mining circumstances we would recommend that any planned or future development should follow detailed technical advice before beginning work on site. Please see page 3 for further details on Future development.

Your reference: 14036/LP
Our reference: 51003008016001
Date: 19 April 2022

Client name: INTEGRAL GEOTECHNIQUE (WALES) LTD.

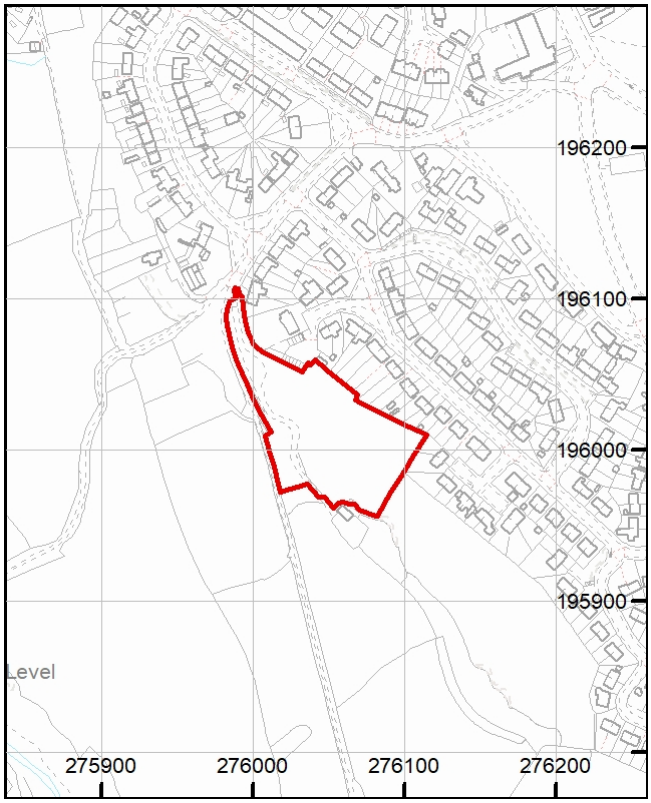
If you require any further assistance please contact our experts on:
0345 762 6848
groundstability@coal.gov.uk

The Law Society

Enquiry boundary

Key

Approximate position of enquiry boundary shown



We can confirm that the location is **on the coalfield**

Map data

This report is prepared in accordance with the latest Law Society's Guidance Notes 2018, the User Guide 2018 and the Coal Authority's Terms and Conditions applicable at the time the report was produced.

Accessibility

If you would like this information in an alternative format, please contact our communications team on 0345 762 6848 or email communications@coal.gov.uk.

Professional opinion

Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed.

If you are looking to develop, or undertake works, within a coal mining development high risk area your Local Authority planning department may require a Coal Mining Risk Assessment to be undertaken by a qualified mining geologist or engineer. Should you require any additional information then please contact the Coal Authority on 0345 762 6848 or email cmra@coal.gov.uk.

Detailed findings

Information provided by the Coal Authority in this report is compiled in response to the Law Society's CON29M Coal Mining enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL.

1 Past underground coal mining

The property is in a surface area that could be affected by underground mining in 2 seams of coal at 80m to 280m depth, and last worked in 1903.

Any movement in the ground due to coal mining activity associated with these workings should have stopped by now.

In addition the property is in an area where the Coal Authority believes there is coal at or close to the surface. This coal may have been worked at some time in the past. The potential presence of coal workings at or close to the surface should be considered, particularly prior to any site works or future development activity, as ground movement could still be a risk. Your attention is drawn to the Professional opinion sections of the report.

2 Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

3 Future underground coal mining

The property is not in an area where the Coal Authority has received an application for, and is currently considering whether to grant a licence to remove or work coal by underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

However, reserves of coal exist in the local area which could be worked at some time in the future.

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

4 Mine entries

There are no recorded coal mine entries known to the Coal Authority within, or within 20 metres, of the boundary of the property.

This information is based on the information that the Coal Authority has at the time of this enquiry.

Based on the Coal Authority's knowledge of the mining circumstances at the time of this enquiry, there may be unrecorded mine entries in the local area that do not appear on Coal Authority records.

5 Coal mining geology

The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.

6 Past opencast coal mining

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

7 Present opencast coal mining

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

8 Future opencast coal mining

There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

9 Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

10 Mine gas

The Coal Authority has no record of a mine gas emission requiring action.

11 Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Coal Authority, under its Emergency Surface Hazard Call Out procedures.

12 Withdrawal of support

The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

13 Working facilities order

The property is not in an area where an order has been made, under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

14 Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Statutory cover

Coal mining subsidence

In the unlikely event of any coal mining related subsidence damage, the Coal Authority or the mine operator has a duty to take remedial action in respect of subsidence caused by the withdrawal of support from land or property in connection with lawful coal mining operations.

When the works are the responsibility of the Coal Authority, our dedicated public safety and subsidence team will manage the claim. The house or land owner ("the owner") is covered for these works under the terms of the Coal Mining Subsidence Act 1991 (as amended by the Coal Industry Act 1994). Please note, this Act does not apply where coal was worked or gotten by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester.

If you believe your land or property is suffering from coal mining subsidence damage and you need more information on what to do next, please use the following link to our website which sets out what your rights are and what you need to consider before making a claim.
www.gov.uk/government/publications/coal-mining-subsidence-damage-notice-form

Coal mining hazards

Our public safety and subsidence team provide a 24 hour a day, 7 days a week hazard reporting service, to help protect the public from hazards caused by past coal workings, such as a mine shaft or shallow working collapse. To report any hazards please call 0800 288 4242. Further information can be found on our website: www.gov.uk/coalauthority.

Glossary

Key terms

adit - horizontal or sloped entrance to a mine

coal mining subsidence - ground movement caused by the removal of coal by underground mining

Coal Mining Subsidence Act 1991 - the Act setting out the duties of the Coal Authority to repair damage caused by coal mining subsidence

coal mining subsidence damage - damage to land, buildings or structures caused by the removal of coal by underground mining

coal seams - bed of coal of varying thickness

future opencast coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal from the surface

future underground coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal underground. Although it is unlikely, remaining coal reserves could create a possibility for future mining, which would be licensed by the Coal Authority

mine entries - collective name for shafts and adits

payments to owners of former copyhold land - historically, copyhold land gave rights to coal to the copyholder. Legislation was set up to allow others to work this coal, but they had to issue a notice and pay compensation if a copyholder came forward

shaft - vertical entry into a mine

site investigation - investigations of coal mining risks carried out with the Coal Authority's permission

stop notice - a delay to repairs because further coal mining subsidence damage may occur and it would be unwise to carry out permanent repairs

subsidence claim - a formal notice of subsidence damage to the Coal Authority since it was established on 31 October 1994

withdrawal of support - a historic notice informing landowners that the coal beneath their property was going to be worked

working facilities orders - a court order which gave permission, restricted or prevented coal mine workings

APPENDIX G Trial Pit Records

TP1

Site Location: Cimla, Neath.
Client: Lovell Partnership Ltd.
Project No: 5201E

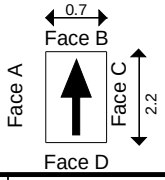
Excavation date: 21/02/2012
Backfill date: 21/02/2012
Logged by: ESP-DT.

Excavation method/plant: Mechanical Excavator. JCB 3CX

Shoring/support: None.

Survey details:
Ground Level: 110.000 mOD
Easting: 276053 m
Northing: 196009 m
Bearing: -

Plan details:



Face stability:
Stable.

Groundwater observations:
No groundwater observed during excavation.

Sampling & Testing

Depth	Type	PID (ppm)	S_u (kPa)
0.20	D		
0.50	D		

Stratum Details

(Thk) & Depth	Description	Legend
(0.35)	Grass surface followed by; soft dark brown slightly sandy CLAY. Common rootlets. (TOPSOIL).	
0.35		
(0.45)	UPPER PENNANT MEASURES. Weathered weak to medium strong very thinly to thinly laminated light brown grey SANDSTONE recovered as; probably dense to very dense light brown grey slightly sandy angular medium coarse GRAVEL with common cobble and boulder sized pieces of broken rock. Solid Rock at base.	
0.80	*End of trial pit at 0.80 m depth.*	

General notes:

1. All linear dimensions are in metres unless stated otherwise.
2. All relative density and shear strength descriptions are based only on field observations and available in-situ shear vane data.
3. Trial pit logged from the ground surface.

Weather and environmental conditions:

Clear. Sunny. Moderate to strong breeze. Very cold.

Other comments:

1. Grid reference and level of site only.
2. Rock at base of pit broken out with hydraulic jackhammer on JCB 3CX to approximately 200mm to undertake SA1.

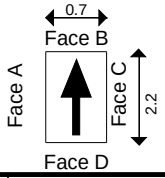
TP2

Site Location: Cimla, Neath.
Client: Lovell Partnership Ltd.
Project No: 5201E

Excavation date:	21/02/2012	**Excavation method/plant:**	**Shoring/support:**
Backfill date:	21/02/2012	Mechanical Excavator. JCB 3CX	None.
Logged by:	ESP-DT.		

Survey details:
Ground Level: 110.000 mOD
Easting: 276053 m
Northing: 196009 m
Bearing: -

Plan details:



Face stability:
Stable.

Groundwater observations:
No groundwater observed during excavation.

Sampling & Testing / Stratum Details

Depth	Type	PID (ppm)	S_u (kPa)	(Thk) & Depth	Description	Legend
0.20	D			(0.30)	Grass surface followed by; soft dark brown slightly sandy CLAY. Common rootlets. (TOPSOIL).	
0.35	D			(0.10) 0.30	UPPER PENNANT MEASURES. Weathered weak to medium strong very thinly to thinly laminated light brown grey SANDSTONE recovered as; probably dense to very dense light brown slightly sandy angular medium coarse GRAVEL with common cobble and boulder sized pieces of broken rock. Solid Rock at base.	
				0.40	*End of trial pit at 0.40 m depth.*	

General notes:
1. All linear dimensions are in metres unless stated otherwise.
2. All relative density and shear strength descriptions are based only on field observations and available in-situ shear vane data.
3. Trial pit logged from the ground surface.

Weather and environmental conditions:
Clear. Sunny. Moderate to strong breeze. Very cold.

Other comments:
1. Grid reference and level of site only.

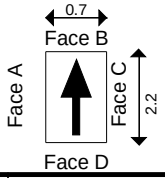
TP3

Site Location: Cimla, Neath.
Client: Lovell Partnership Ltd.
Project No: 5201E

Excavation date:	21/02/2012	**Excavation method/plant:**	Mechanical Excavator. JCB 3CX	**Shoring/support:**	None.
Backfill date:	21/02/2012				
Logged by:	ESP-DT.				

Survey details:
Ground Level: 110.000 mOD
Easting: 276053 m
Northing: 196009 m
Bearing: -

Plan details:



Face stability:
Stable.

Groundwater observations:
No groundwater observed during excavation.

Sampling & Testing / Stratum Details

Depth	Type	PID (ppm)	S_u (kPa)	(Thk) & Depth	Description	Legend
0.10	D			(0.20) 0.20	Grass surface followed by; soft dark brown slightly sandy CLAY. Common rootlets. (TOPSOIL).	
				(0.10) 0.30	UPPER PENNANT MEASURES. Weathered weak to medium strong very thinly to thinly laminated light brown grey SANDSTONE recovered as; probably dense to very dense light brown slightly sandy angular medium coarse GRAVEL with common cobble and boulder sized pieces of broken rock. Solid Rock at base.	
					End of trial pit at 0.30 m depth.	

General notes:
1. All linear dimensions are in metres unless stated otherwise.
2. All relative density and shear strength descriptions are based only on field observations and available in-situ shear vane data.
3. Trial pit logged from the ground surface.

Weather and environmental conditions:
Clear. Sunny. Moderate to strong breeze. Very cold.

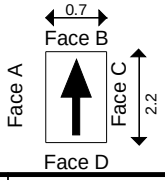
Other comments:
1. Grid reference and level of site only.

Site Location:	Cimla, Neath.	**TP4**
Client:	Lovell Partnership Ltd.	
Project No:	5201E	

Excavation date:	21/02/2012	**Excavation method/plant:**	**Shoring/support:**
Backfill date:	21/02/2012	Mechanical Excavator. JCB 3CX	None.
Logged by:	ESP-DT.		

Survey details:
Ground Level: 110.000 mOD
Easting: 276053 m
Northing: 196009 m
Bearing: -

Plan details:



Face stability:
Stable.

Groundwater observations:
No groundwater observed during excavation.

Sampling & Testing

Depth	Type	PID (ppm)	S_u (kPa)
0.10	D		
0.40	D		

Stratum Details

(Thk) & Depth	Description	Legend
(0.30)	Grass surface followed by; soft dark brown slightly sandy CLAY. Common rootlets. (TOPSOIL).	
0.30		
(0.70)	UPPER PENNANT MEASURES. Weathered weak to medium strong very thinly to thinly laminated light brown grey SANDSTONE recovered as; probably dense to very dense light brown slightly sandy angular medium coarse GRAVEL with common cobble and boulder sized pieces of broken rock. Rare Coal fragments visible in pit wall at 0.6m. Solid Rock at base.	
1.00	*End of trial pit at 1.00 m depth.*	

General notes:
1. All linear dimensions are in metres unless stated otherwise.
2. All relative density and shear strength descriptions are based only on field observations and available in-situ shear vane data.
3. Trial pit logged from the ground surface.

Weather and environmental conditions:
Clear. Sunny. Moderate to strong breeze. Very cold.

Other comments:
1. Grid reference and level of site only.

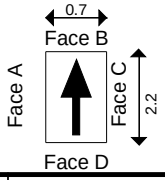
TP5

Site Location:	Cimla, Neath.
Client:	Lovell Partnership Ltd.
Project No:	5201E

Excavation date:	21/02/2012	**Excavation method/plant:**	**Shoring/support:**
Backfill date:	21/02/2012	Mechanical Excavator. JCB 3CX	None.
Logged by:	ESP-DT.		

Survey details:
Ground Level: 110.000 mOD
Easting: 276053 m
Northing: 196009 m
Bearing: -

Plan details:



Face stability:
Stable.

Groundwater observations:
No groundwater observed during excavation.

Sampling & Testing / Stratum Details

Depth	Type	PID (ppm)	S_u (kPa)	(Thk) & Depth	Description	Legend
0.10	D			(0.20) 0.20	Grass surface followed by; soft dark brown slightly sandy CLAY. Common rootlets. (TOPSOIL).	
0.50	D			(0.50) 0.70	UPPER PENNANT MEASURES. Weathered weak to medium strong very thinly to thinly laminated light brown grey SANDSTONE recovered as; probably dense to very dense light grey orange slightly sandy angular medium coarse GRAVEL with common cobble and boulder sized pieces of broken rock. Rare Coal fragments visible in pit wall at 0.6m. Solid Rock at base.	
					End of trial pit at 0.70 m depth.	

General notes:

1. All linear dimensions are in metres unless stated otherwise.
2. All relative density and shear strength descriptions are based only on field observations and available in-situ shear vane data.
3. Trial pit logged from the ground surface.

Weather and environmental conditions:
Clear. Sunny. Moderate to strong breeze. Very cold.

Other comments:

1. Grid reference and level of site only.
2. Rock at base of pit broken out with hydraulic jackhammer on JCB 3CX to approximately 200mm to undertake SA2.

TP6

Site Location: Cimla, Neath.
Client: Lovell Partnership Ltd.
Project No: 5201E

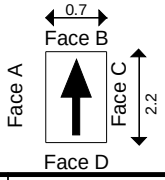
Excavation date: 21/02/2012
Backfill date: 21/02/2012
Logged by: ESP-DT.

Excavation method/plant: Mechanical Excavator. JCB 3CX

Shoring/support: None.

Survey details:
Ground Level: 110.000 mOD
Easting: 276053 m
Northing: 196009 m
Bearing: -

Plan details:



Face stability:
Stable.

Groundwater observations:
No groundwater observed during excavation.

Sampling & Testing

Depth	Type	PID (ppm)	S_u (kPa)
0.05	D		
0.40	D		

Stratum Details

(Thk) & Depth		Description	Legend
(0.10)	0.10	Grass surface followed by; soft dark brown black slightly sandy CLAY. Possible rare coal dust. Common rootlets. (MADE GROUND).	
(0.50)	0.60	UPPER PENNANT MEASURES. Weathered weak to medium strong very thinly to thinly laminated light brown grey SANDSTONE recovered as; probably dense to very dense light brown grey slightly sandy angular medium coarse GRAVEL with common cobble and boulder sized pieces of broken rock. Solid Rock at base.	
		End of trial pit at 0.60 m depth.	

General notes:
1. All linear dimensions are in metres unless stated otherwise.
2. All relative density and shear strength descriptions are based only on field observations and available in-situ shear vane data.
3. Trial pit logged from the ground surface.

Weather and environmental conditions:
Clear. Sunny. Moderate to strong breeze. Very cold.

Other comments:
1. Grid reference and level of site only.

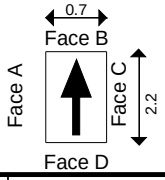
TP7

Site Location: Cimla, Neath.
Client: Lovell Partnership Ltd.
Project No: 5201E

Excavation date:	21/02/2012	**Excavation method/plant:**	Mechanical Excavator. JCB 3CX	**Shoring/support:**	None.
Backfill date:	21/02/2012				
Logged by:	ESP-DT.				

Survey details:
Ground Level: 110.000 mOD
Easting: 276053 m
Northing: 196009 m
Bearing: -

Plan details:



Face stability:
Stable.

Groundwater observations:
No groundwater observed during excavation.

Sampling & Testing / Stratum Details

Depth	Type	PID (ppm)	S_u (kPa)	(Thk) & Depth	Description	Legend
0.20	D			(0.30) 0.30	Tarmacadam/gravel surface followed by; probably medium dense dark brown black sandy fine to coarse angular GRAVEL. Fragments of tile. (MADE GROUND).	
0.50	D			(0.35) 0.65	UPPER PENNANT MEASURES. Weathered weak to medium strong very thinly to thinly laminated light brown grey SANDSTONE recovered as; probably dense to very dense light brown grey slightly sandy angular medium coarse GRAVEL with common cobble and boulder sized pieces of broken rock. Solid Rock at base.	
					End of trial pit at 0.65 m depth.	

General notes:
1. All linear dimensions are in metres unless stated otherwise.
2. All relative density and shear strength descriptions are based only on field observations and available in-situ shear vane data.
3. Trial pit logged from the ground surface.

Weather and environmental conditions:
Clear. Sunny. Moderate to strong breeze. Very cold.

Other comments:
1. Grid reference and level of site only.
2. Rock at base of pit broken out with hydraulic jackhammer on JCB 3CX to approximately 200mm to undertake SA3.

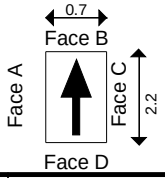
TP8

Site Location:	Cimla, Neath.
Client:	Lovell Partnership Ltd.
Project No:	5201E

Excavation date:	21/02/2012	**Excavation method/plant:**	**Shoring/support:**
Backfill date:	21/02/2012	Mechanical Excavator. JCB 3CX	None.
Logged by:	ESP-DT.		

Survey details:
Ground Level: 110.000 mOD
Easting: 276053 m
Northing: 196009 m
Bearing: -

Plan details:



Face stability:
Stable.

Groundwater observations:
No groundwater observed during excavation.

Sampling & Testing / Stratum Details

Depth	Type	PID (ppm)	S_u (kPa)	(Thk) & Depth	Description	Legend
0.10	D			(0.15) 0.15	Tarmacadam surface followed by; probably medium dense brown sandy medium coarse angular GRAVEL. (MADE GROUND).	
				(0.15) 0.30	UPPER PENNANT MEASURES. Weathered weak to medium strong very thinly to thinly laminated light brown grey SANDSTONE recovered as; probably dense to very dense light brown grey slightly sandy angular medium coarse GRAVEL with common cobble and boulder sized pieces of broken rock. Solid Rock at base.	
					End of trial pit at 0.20 m depth.	

General notes:
1. All linear dimensions are in metres unless stated otherwise.
2. All relative density and shear strength descriptions are based only on field observations and available in-situ shear vane data.
3. Trial pit logged from the ground surface.

Weather and environmental conditions:
Clear. Sunny. Moderate to strong breeze. Very cold.

Other comments:
1. Grid reference and level of site only.

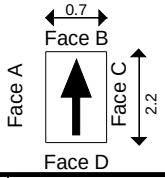
TP9

Site Location:	Cimla, Neath.
Client:	Lovell Partnership Ltd.
Project No:	5201E

Excavation date:	21/02/2012	**Excavation method/plant:**	**Shoring/support:**
Backfill date:	21/02/2012	Mechanical Excavator.	None.
Logged by:	ESP-DT.	JCB 3CX	

Survey details:
Ground Level: 110.000 mOD
Easting: 276053 m
Northing: 196009 m
Bearing: -

Plan details:



Face stability:
Unstable beyond 0.8m. Spalling material from pit walls.

Groundwater observations:
No groundwater observed during excavation.

Sampling & Testing / **Stratum Details**

Depth	Type	PID (ppm)	S_u (kPa)	(Thk) & Depth	Description	Legend
0.20	D				Grass surface followed by; probably loose black brown slightly clayey sandy GRAVEL. Common fragments of brick, concrete, plastic, tiles, porcelain, glass, metal, rope, material, carpet. Wrapper dated 06/1990 at approximately 1.1m. Pit terminated at 3.2m due to collapsing sides. (MADE GROUND).	
0.50	D					
1.00	D					
				(3.20)		
2.00	D					
				3.20	*End of trial pit at 3.20 m depth.*	

General notes:

1. All linear dimensions are in metres unless stated otherwise.
2. All relative density and shear strength descriptions are based only on field observations and available in-situ shear vane data.
3. Trial pit logged from the ground surface.

Weather and environmental conditions:
Clear. Sunny. Moderate to strong breeze. Very cold.

Other comments:

1. Grid reference and level of site only.

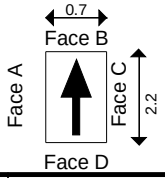
TP10

Site Location: Cimla, Neath.
Client: Lovell Partnership Ltd.
Project No: 5201E

Excavation date:	21/02/2012	**Excavation method/plant:**	Mechanical Excavator. JCB 3CX	**Shoring/support:**	None.
Backfill date:	21/02/2012				
Logged by:	ESP-DT.				

Survey details:
Ground Level: 110.000 mOD
Easting: 276053 m
Northing: 196009 m
Bearing: -

Plan details:



Face stability:
Stable.

Groundwater observations:
No groundwater observed during excavation.

Sampling & Testing / Stratum Details

Depth	Type	PID (ppm)	S_u (kPa)	(Thk) & Depth	Description	Legend
0.10	D			(0.20) 0.20	Tarmacadam/gravel surface followed by; red brown slightly clayey, gravelly angular GRAVEL. Probable fill material. (MADE GROUND).	
0.25	D			(0.10) 0.30	UPPER PENNANT MEASURES. Weathered weak to medium strong very thinly to thinly laminated light brown grey SANDSTONE recovered as; probably dense to very dense light brown grey slightly sandy angular medium coarse GRAVEL with common cobble and boulder sized pieces of broken rock. Solid Rock at base.	
					End of trial pit at 0.30 m depth.	

General notes:
1. All linear dimensions are in metres unless stated otherwise.
2. All relative density and shear strength descriptions are based only on field observations and available in-situ shear vane data.
3. Trial pit logged from the ground surface.

Weather and environmental conditions:
Clear. Sunny. Moderate to strong breeze. Very cold.

Other comments:
1. Grid reference and level of site only.

APPENDIX H Results of Soakaway Infiltration Testing

APPENDIX F - SOAKAWAY INFILTRATION TEST RESULTS

Project Name:	TUDOR INN. CIMLA, NEATH.
Project Ref:	5201e
Test Location:	**SA1 (TP1)**
Soil Infiltration Rate (m/sec)	**1.21E-05**

Test results:

Time (mins)	Water Level (m bgl)
0	0.40
10	0.44
25	0.44
40	0.46
60	0.47
75	0.49
105	0.50
125	0.55
155	0.57
195	0.59

Pit Dimensions (m)

Length	2.20
Width	0.70
Depth	0.60

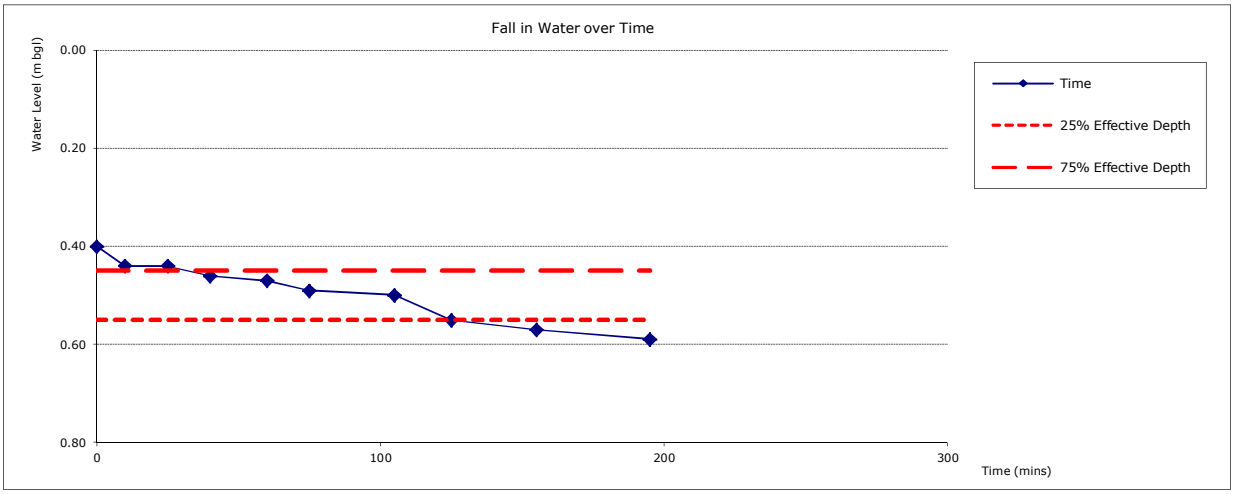
Assumed Invert Level (m bgl)	0.40

Ground Conditions:

0.0-0.35m	Topsoil
0.35 - 0.6m	Brown grey slightly sandy angular medium coarse GRAVEL (weathered sandstone)

Remarks:

1. Testing undertaken in general accordance with BRE Digest 365:2007
2. Trial pit was not filled with aggregate for test.
3. Stability of pit sides was good.



Soil Infiltration Rate (m/sec)

$$f = \frac{V_{p75-25}}{\alpha_{p50} \times t_{p75-25}}$$

V_{p75-25}	Effective depth storage volume of water in the trial pit between 75% and 25% effective depth	0.15
α_{p50}	The internal surface area of the trial pit up to 50% effective depth and including the base area	2.12
t_{p75-25}	The time for the water level to fall from 75% to 25% effective depth	100

Soil Infiltration Rate (m/sec)

$$f = \frac{0.154}{12720}$$

f **1.21E-05**

APPENDIX F - SOAKAWAY INFILTRATION TEST RESULTS

Project Name:	TUDOR INN. CIMLA, NEATH.
Project Ref:	5201e
Test Location:	**SA2a (TP5)** (Fill One)
Soil Infiltration Rate (m/sec)	**3.87E-05**

Test results:

Time (mins)	Water Level (m bgl)
0	0.25
5	0.27
10	0.30
20	0.32
30	0.35
40	0.38
50	0.41
60	0.48
70	0.54
80	0.55

Pit Dimensions (m)

Length	2.20
Width	0.70
Depth	0.60

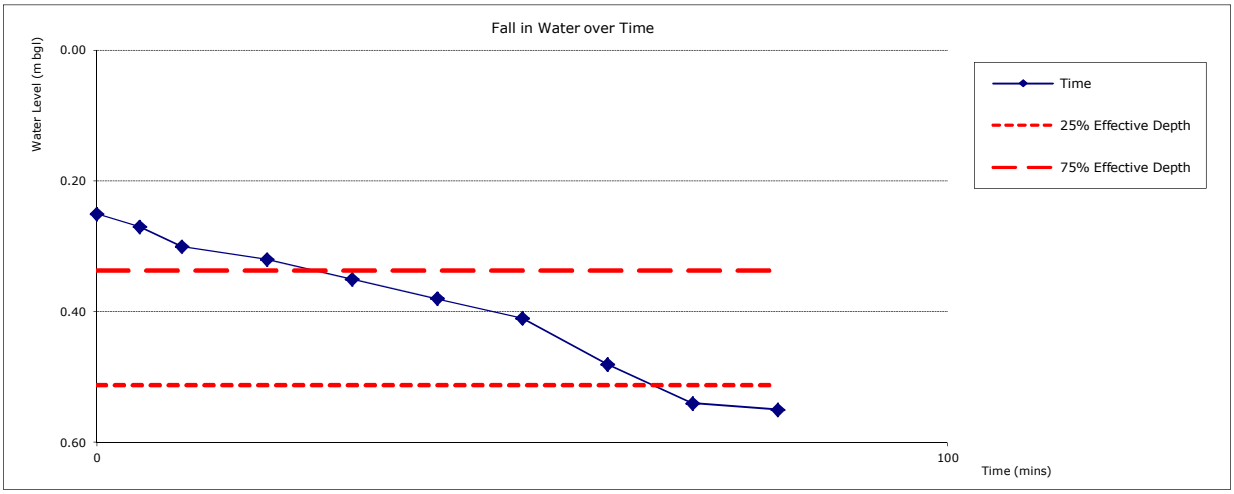
Assumed Invert Level (m bgl)	0.25

Ground Conditions:

0.0-0.2m	Topsoil
0.2 - 0.6m	Grey/orange slightly sandy angular medium coarse GRAVEL (weathered sandstone)

Remarks:

1. Testing undertaken in general accordance with BRE Digest 365:2007
2. Trial pit was not filled with aggregate for test.
3. Stability of pit sides was good.



Soil Infiltration Rate (m/sec)

$$f = \frac{V_{p75-25}}{\alpha_{p50} \times t_{p75-25}}$$

V_{p75-25}	Effective depth storage volume of water in the trial pit between 75% and 25% effective depth	0.27
α_{p50}	The internal surface area of the trial pit up to 50% effective depth and including the base area	2.555
t_{p75-25}	The time for the water level to fall from 75% to 25% effective depth	45

Soil Infiltration Rate (m/sec)

$$f = \frac{0.270}{6962.375}$$

f **3.87E-05**

APPENDIX F - SOAKAWAY INFILTRATION TEST RESULTS

Project Name:	TUDOR INN. CIMLA, NEATH.
Project Ref:	5201e
Test Location:	**SA2b (TP5)** (Fill Two)
Soil Infiltration Rate (m/sec)	**1.85E-05**

Test results:

Time (mins)	Water Level (m bgl)
0	0.30
10	0.33
20	0.38
30	0.41
40	0.44
60	0.47
80	0.50
90	0.55

Pit Dimensions (m)

Length	0.80
Width	0.70
Depth	0.60

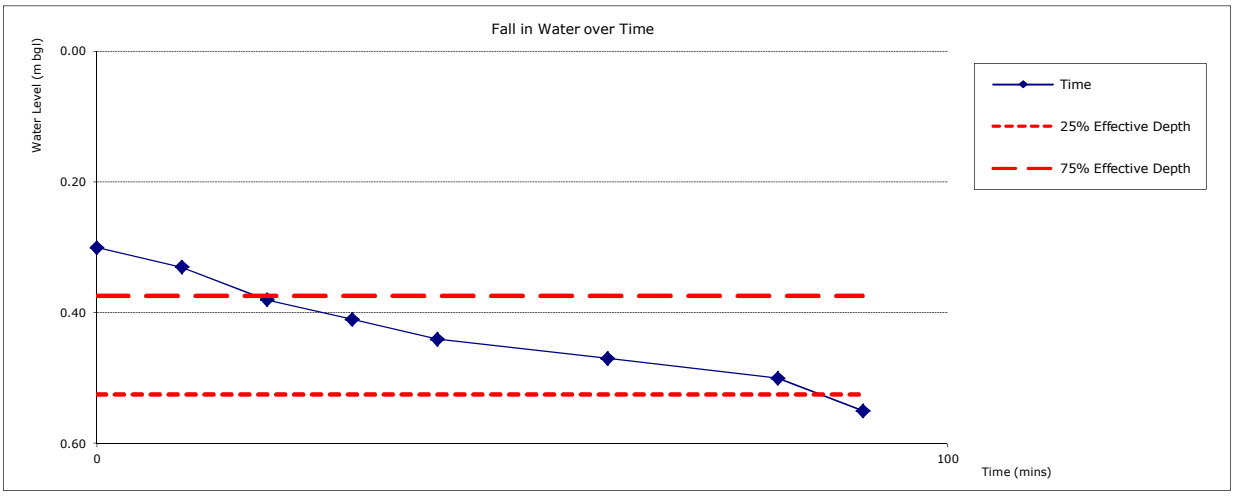
Assumed Invert Level (m bgl)	0.30

Ground Conditions:

0.0-0.2m	Topsoil
0.2 - 0.6m	Grey/orange slightly sandy angular medium coarse GRAVEL (weathered sandstone)

Remarks:

1. Testing undertaken in general accordance with BRE Digest 365:2007
2. Trial pit was not filled with aggregate for test.
3. Stability of pit sides was good.



Soil Infiltration Rate (m/sec) $f = \frac{V_{p75-25}}{\alpha_{p50} \times t_{p75-25}}$

V_{p75-25}	Effective depth storage volume of water in the trial pit between 75% and 25% effective depth	0.08
α_{p50}	The internal surface area of the trial pit up to 50% effective depth and including the base area	1.01
t_{p75-25}	The time for the water level to fall from 75% to 25% effective depth	75

Soil Infiltration Rate (m/sec)

$$f = \frac{0.084}{4545}$$

f **1.85E-05**

APPENDIX F - SOAKAWAY INFILTRATION TEST RESULTS

Project Name:	TUDOR INN. CIMLA, NEATH.
Project Ref:	5201e
Test Location:	SA3 (TP7)
Soil Infiltration Rate (m/sec)	**test failed**

Test results:

Time (mins)	Water Level (m bgl)
0	0.05
5	0.05
10	0.05
30	0.05
45	0.06
65	0.06
95	0.07
115	0.07
140	0.08
185	0.08

Pit Dimensions (m)

Length	2.20
Width	0.70
Depth	0.65

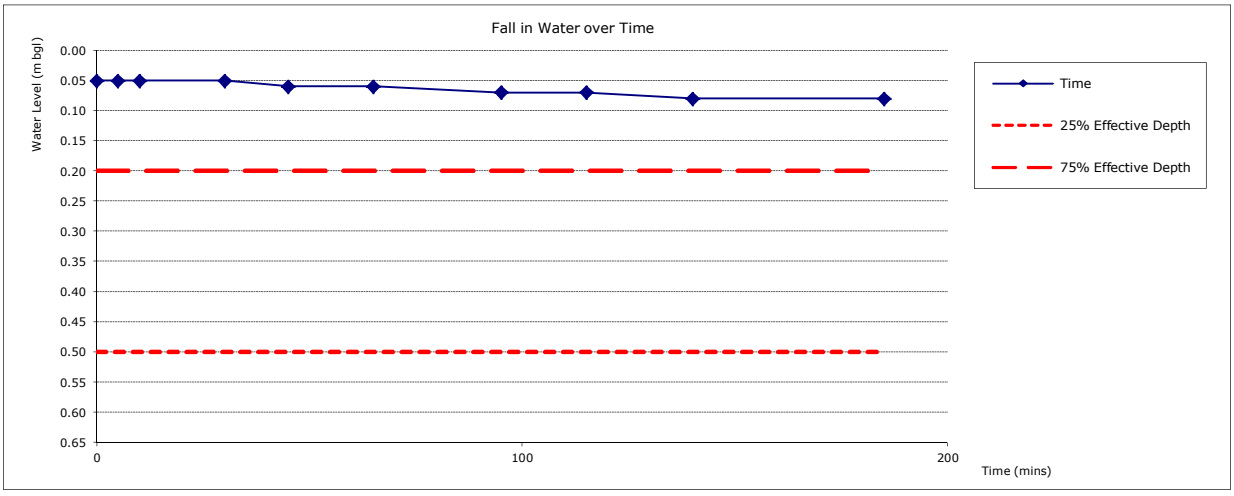
Assumed Invert Level (m bgl)	0.05

Ground Conditions:

0.0 - 0.3m	Topsoil
0.3 - 0.65m	Grey/brown slightly sandy angular medium coarse GRAVEL (weathered sandstone)

Remarks:

1. Testing undertaken in general accordance with BRE Digest 365:2007
2. Trial pit was not filled with aggregate for test.
3. Stability of pit sides was good.



Soil Infiltration Rate (m/sec) $f = \frac{V_{p75-25}}{\alpha_{p50} \times t_{p75-25}}$

V_{p75-25}	Effective depth storage volume of water in the trial pit between 75% and 25% effective depth	0.46
α_{p50}	The internal surface area of the trial pit up to 50% effective depth and including the base area	3.28
t_{p75-25}	The time for the water level to fall from 75% to 25% effective depth	n/a

Soil Infiltration Rate (m/sec) $f = \frac{0.462}{\text{no value}}$

f **test failed**

APPENDIX I Rotary Drillhole Records

Project Name: Tudor Inn. **Site Location:** Cimla, Neath. **Client:** Lovell Partnership Ltd. **Project No:** 5201E	Drilling method: Rotary Open hole. Equipment: FRASTE.	**RO1**
Start date: 15/03/2013 End date: 15/03/2013 Backfill date: 15/03/2013	Driller: GF. Logged by: APEX. Date logged: 15/03/2013	Ground Level: 110.000 mOD Easting: 276053 m Northing: 196009 m	

Core Details and SPT Data

Depth (Length)	TCR (%)	SCR (%)	RQD (%)	SPT-N (penetration)

Strata Details

Depth (Thickness)	Description
	CLAY and BOULDERS.
(1.20)	
1.20	SANDSTONE.
(2.80)	
4.00	COAL.
(2.80)	
6.80	MUDSTONE.
	Continued next sheet

Legend

Water

Strikes / Standing

Depth

Backfill/ Installations

1 2 3 4 5 6 7 8 9

Progress & Standing Water Levels

Date	Time	Hole Depth	Casing Depth	Water Depth

Water Strikes

Date	Time	Strike Depth	Casing Depth	Elapsed minutes	Standing Depth	Depth Sealed

Hole and Casing Diameters

Hole Depth	Hole Diameter	Casing Diameter	Casing Depth
21.00 m	-		

General Remarks:

1. Grid reference and level of site only.
2. All descriptions are from drillers logs only.
3. No gas detected during drilling.
4. Air mist flush used through shallow sandstone, then water flush to end.
3. Holes backfilled with arisings and gravel on completion.

Project Name: Tudor Inn. **Site Location:** Cimla, Neath. **Client:** Lovell Partnership Ltd. **Project No:** 5201E		Drilling method: Rotary Open hole. Equipment: FRASTE.	**RO1**
Start date: 15/03/2013 End date: 15/03/2013 Backfill date: 15/03/2013	Driller: GF. Logged by: APEX. Date logged: 15/03/2013	Ground Level: 110.000 mOD Easting: 276053 m Northing: 196009 m	

Core Details and SPT Data

Depth (Length)	TCR (%)	SCR (%)	RQD (%)	SPT-N (penetration)

Strata Details

Depth (Thickness)	Description	Legend
	MUDSTONE.	
(14.20)		
	Continued next sheet	

Water

Strikes / Standing	Depth	Backfill/ Installations

11 12 13 14 15 16 17 18 19

Progress & Standing Water Levels

Date	Time	Hole Depth	Casing Depth	Water Depth

Water Strikes

Date	Time	Strike Depth	Casing Depth	Elapsed minutes	Standing Depth	Depth Sealed

Hole and Casing Diameters

Hole Depth	Hole Diameter	Casing Diameter	Casing Depth
21.00 m	-		

General Remarks:

1. Grid reference and level of site only.
2. All descriptions are from drillers logs only.
3. No gas detected during drilling.
4. Air mist flush used through shallow sandstone, then water flush to end.
3. Holes backfilled with arisings and gravel on completion.

Project Name: Tudor Inn.
Site Location: Cimla, Neath.
Client: Lovell Partnership Ltd.
Project No: 5201E

Drilling method: Rotary Open hole.
Equipment: FRASTE.

RO1

Start date: 15/03/2013
End date: 15/03/2013
Backfill date: 15/03/2013

Driller: GF.
Logged by: APEX.
Date logged: 15/03/2013

Ground Level: 110.000 mOD
Easting: 276053 m
Northing: 196009 m

Core Details and SPT Data

Depth (Length)	TCR (%)	SCR (%)	RQD (%)	SPT-N (penetration)

Strata Details

Depth (Thickness)	Description	Legend
	MUDSTONE.	
21.00	*End of Borehole at 21.00 m*	

Water

Strikes / Standing	Depth	Backfill/ Installations

Progress & Standing Water Levels

Date	Time	Hole Depth	Casing Depth	Water Depth

Water Strikes

Date	Time	Strike Depth	Casing Depth	Elapsed minutes	Standing Depth	Depth Sealed

Hole and Casing Diameters

Hole Depth	Hole Diameter	Casing Diameter	Casing Depth
21.00 m	-		

General Remarks:

1. Grid reference and level of site only.
2. All descriptions are from drillers logs only.
3. No gas detected during drilling.
4. Air mist flush used through shallow sandstone, then water flush to end.
3. Holes backfilled with arisings and gravel on completion.

Project Name: Tudor Inn.
Site Location: Cimla, Neath.
Client: Lovell Partnership Ltd.
Project No: 5201E

Drilling method: Rotary Open hole.
Equipment: FRASTE.

RO2

Start date: 14/03/2013
End date: 14/03/2013
Backfill date: 15/03/2013

Driller: GF.
Logged by: APEX.
Date logged: 14/03/2013

Ground Level: 110.000 mOD
Easting: 276053 m
Northing: 196009 m

Core Details and SPT Data

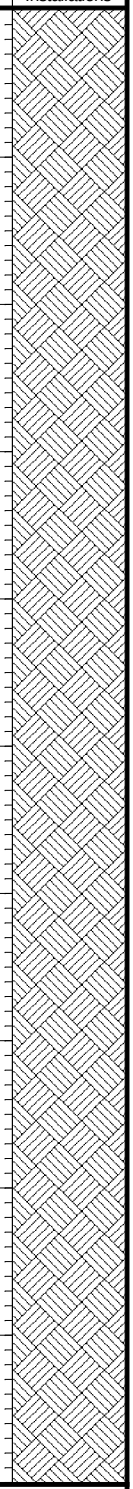
Depth (Length)	TCR (%)	SCR (%)	RQD (%)	SPT-N (penetration)

Strata Details

Depth (Thickness)	Description	Legend
(0.30)	BOULDER CLAY.	
0.30	SANDSTONE.	
(8.50)		
8.80	COAL.	
(1.60)	*Continued next sheet*	

Water

Strikes / Standing	Depth	Backfill/ Installations



Progress & Standing Water Levels

Date	Time	Hole Depth	Casing Depth	Water Depth

Water Strikes

Date	Time	Strike Depth	Casing Depth	Elapsed minutes	Standing Depth	Depth Sealed

Hole and Casing Diameters

Hole Depth	Hole Diameter	Casing Diameter	Casing Depth
30.00 m	-		

General Remarks:

1. Grid reference and level of site only.
2. All descriptions are from drillers logs only.
3. No gas detected during drilling.
4. Air mist flush used through shallow sandstone, then water flush to end.
3. Holes backfilled with arisings and gravel on completion.

Project Name: Tudor Inn. **Site Location:** Cimla, Neath. **Client:** Lovell Partnership Ltd. **Project No:** 5201E		Drilling method: Rotary Open hole. Equipment: FRASTE.	**RO2**
Start date: 14/03/2013 End date: 14/03/2013 Backfill date: 15/03/2013	Driller: GF. Logged by: APEX. Date logged: 14/03/2013	Ground Level: 110.000 mOD Easting: 276053 m Northing: 196009 m	

Core Details and SPT Data

Depth (Length)	TCR (%)	SCR (%)	RQD (%)	SPT-N (penetration)

Strata Details

Depth (Thickness)	Description	Legend
	COAL.	
10.40	MUDSTONE.	
	Continued next sheet	

Water

Strikes / Standing	Depth	Backfill/ Installations

11 12 13 14 15 16 17 18 19

Progress & Standing Water Levels

Date	Time	Hole Depth	Casing Depth	Water Depth

Water Strikes

Date	Time	Strike Depth	Casing Depth	Elapsed minutes	Standing Depth	Depth Sealed

Hole and Casing Diameters

Hole Depth	Hole Diameter	Casing Diameter	Casing Depth
30.00 m	-		

General Remarks:

1. Grid reference and level of site only.
2. All descriptions are from drillers logs only.
3. No gas detected during drilling.
4. Air mist flush used through shallow sandstone, then water flush to end.
3. Holes backfilled with arisings and gravel on completion.

Project Name: Tudor Inn.
Site Location: Cimla, Neath.
Client: Lovell Partnership Ltd.
Project No: 5201E

Drilling method: Rotary Open hole.
Equipment: FRASTE.

RO2

Start date: 14/03/2013
End date: 14/03/2013
Backfill date: 15/03/2013

Driller: GF.
Logged by: APEX.
Date logged: 14/03/2013

Ground Level: 110.000 mOD
Easting: 276053 m
Northing: 196009 m

Core Details and SPT Data

Depth (Length)	TCR (%)	SCR (%)	RQD (%)	SPT-N (penetration)

Strata Details

Depth (Thickness)	Description	Legend
(19.60)	MUDSTONE.	

Water

Strikes / Standing	Depth	Backfill/ Installations

21
22
23
24
25
26
27
28
29

Progress & Standing Water Levels

Date	Time	Hole Depth	Casing Depth	Water Depth

Water Strikes

End of Borehole at 30.00 m

Date	Time	Strike Depth	Casing Depth	Elapsed minutes	Standing Depth	Depth Sealed

Hole and Casing Diameters

Hole Depth	Hole Diameter	Casing Diameter	Casing Depth
30.00 m	-		

General Remarks:

1. Grid reference and level of site only.
2. All descriptions are from drillers logs only.
3. No gas detected during drilling.
4. Air mist flush used through shallow sandstone, then water flush to end.
3. Holes backfilled with arisings and gravel on completion.

Project Name: Tudor Inn. **Site Location:** Cimla, Neath. **Client:** Lovell Partnership Ltd. **Project No:** 5201E	Drilling method: Rotary Open hole. Equipment: FRASTE.	**RO3**
Start date: 13/03/2013 End date: 14/03/2013 Backfill date: 15/03/2013	Driller: GF. Logged by: APEX. Date logged: 14/03/2013	Ground Level: 110.000 mOD Easting: 276053 m Northing: 196009 m	

Core Details and SPT Data

Depth (Length)	TCR (%)	SCR (%)	RQD (%)	SPT-N (penetration)

Strata Details

Depth (Thickness)	Description	Legend
(0.40)	BOULDER CLAY.	
0.40	SANDSTONE.	
(11.20)		
	Continued next sheet	

Water

Strikes / Standing	Depth	Backfill/ Installations

1 2 3 4 5 6 7 8 9

Progress & Standing Water Levels

Date	Time	Hole Depth	Casing Depth	Water Depth

Water Strikes

Date	Time	Strike Depth	Casing Depth	Elapsed minutes	Standing Depth	Depth Sealed

Hole and Casing Diameters

Hole Depth	Hole Diameter	Casing Diameter	Casing Depth
30.00 m	-		

General Remarks:

1. Grid reference and level of site only.
2. All descriptions are from drillers logs only.
3. No gas detected during drilling.
4. Air mist flush used through shallow sandstone, then water flush to end.
3. Holes backfilled with arisings and gravel on completion.

Project Name: Tudor Inn. **Site Location:** Cimla, Neath. **Client:** Lovell Partnership Ltd. **Project No:** 5201E	Drilling method: Rotary Open hole. Equipment: FRASTE.	**RO3**
Start date: 13/03/2013 End date: 14/03/2013 Backfill date: 15/03/2013	Driller: GF. Logged by: APEX. Date logged: 14/03/2013	Ground Level: 110.000 mOD Easting: 276053 m Northing: 196009 m

Core Details and SPT Data

Depth (Length)	TCR (%)	SCR (%)	RQD (%)	SPT-N (penetration)

Strata Details

Depth (Thickness)	Description
	SANDSTONE.
11.60	
(0.90)	Dark MUDSTONE with traces of COAL.
12.50	
(1.00)	COAL.
13.50	
	MUDSTONE.
	Continued next sheet

Legend

Water

Strikes / Standing	Depth	Backfill/ Installations

11 12 13 14 15 16 17 18 19

Progress & Standing Water Levels

Date	Time	Hole Depth	Casing Depth	Water Depth

Water Strikes

Date	Time	Strike Depth	Casing Depth	Elapsed minutes	Standing Depth	Depth Sealed

Hole and Casing Diameters

Hole Depth	Hole Diameter	Casing Diameter	Casing Depth
30.00 m	-		

General Remarks:

1. Grid reference and level of site only.
2. All descriptions are from drillers logs only.
3. No gas detected during drilling.
4. Air mist flush used through shallow sandstone, then water flush to end.
3. Holes backfilled with arisings and gravel on completion.

Project Name: Tudor Inn.
Site Location: Cimla, Neath.
Client: Lovell Partnership Ltd.
Project No: 5201E

Drilling method: Rotary Open hole.
Equipment: FRASTE.

RO3

Start date: 13/03/2013
End date: 14/03/2013
Backfill date: 15/03/2013

Driller: GF.
Logged by: APEX.
Date logged: 14/03/2013

Ground Level: 110.000 mOD
Easting: 276053 m
Northing: 196009 m

Core Details and SPT Data

Depth (Length)	TCR (%)	SCR (%)	RQD (%)	SPT-N (penetration)

Strata Details

Depth (Thickness)	Description	Legend
(16.50)	MUDSTONE.	

Water

Strikes / Standing	Depth	Backfill/ Installations

21 22 23 24 25 26 27 28 29

Progress & Standing Water Levels

Date	Time	Hole Depth	Casing Depth	Water Depth

Water Strikes

End of Borehole at 30.00 m

Date	Time	Strike Depth	Casing Depth	Elapsed minutes	Standing Depth	Depth Sealed

Hole and Casing Diameters

Hole Depth	Hole Diameter	Casing Diameter	Casing Depth
30.00 m	-		

General Remarks:

1. Grid reference and level of site only.
2. All descriptions are from drillers logs only.
3. No gas detected during drilling.
4. Air mist flush used through shallow sandstone, then water flush to end.
3. Holes backfilled with arisings and gravel on completion.

APPENDIX J Geotechnical Laboratory Test Results

Laboratory Report

GEO Site & Testing Services Limited

Contract Number: 18840

Client's Reference: 5201e PO1935

Report Date: 20-03-2013

Client Name: Earth Science Partnership

Contract Title: Tudoe Inn, Clima

For the attention of: Daniel Thomas

Date Received: 06-03-2013

Date Commenced: 06-03-2013

Date Completed: 14-03-2013

Test Description	Quantity	Checked	Approved
pH Value of Soil 1377 : 1990 Part 3 : 9	9		
Water Soluble Sulphate 2:1 extract 1377 : 1990 Part 3 : 5	9		
Acid Soluble Sulphate 1377 : 1990 Part 3 : 5	9		

Notes: **Observations and Interpretations are outside the UKAS Accreditation**
*** - Denotes test included in laboratory scope of accreditation**
 # - Denotes test carried out by approved contractor

Approved Signatories:
Paul Evans (Quality Manager), Emma Williams (Office Manager),
Benjamin Sharp (Laboratory Coordinator), Alex Wynn (Business Development Manager).

GEO Site & Testing Services Ltd, Unit 4, Heol Aur, Dafen Ind Estate, Dafen, Llanelli, Carmarthenshire SA15 8QN
Telephone: 01554 784 040 | Fax: 01554 784 041 | Email: info@geo.uk.com | Website: http://geo.uk.com

Unit 4
Heol Aur
Dafen Ind EstateDafen
Carmarthenshire
SA14 8QN
Tel: 01554 784040
01554 750752
Fax: 01554 770529
01554 784041
Web: www.geo.uk.com

Certificate of Analysis

Date:	14/03/2013
Client:	ESP
Our Reference:	18840-060313
Client Reference:	5201e PO1935
Contract Title:	Tudoe Inn, Clima
Description: (Total Samples)	9
Date Received:	06/03/2013
Date Started:	06/03/2013
Date Completed:	13/03/2013
Test Procedures:	(B.S. 1377 : PART 3 : 1990 AND BRE CP2/79)
Notes:	

Solid samples will be disposed 1 month and liquids 2 weeks after the date of issue of this test certificate

Approved By:

Authorised Signatories:	Emma Williams Laboratory Office Manager	Wayne Honey Laboratory Technician	Paul Evans Quality Manager

Contract No: 18840-060313
Client Ref: 5201e PO1935
Location: Tudoe Inn, Clima
Date: 14/03/2013

SUMMARY OF CHEMICAL ANALYSIS

(B.S. 1377 : PART 3 : 1990 AND BRE CP2/79)

Hole Number	Sample Number	Depth m	Sulphate Content SO3 (as SO_4)			Chloride Content		pH Value @ 25°C	Total Sulphur %	Magnesium g/l	Nitrate mg/l	Remarks
			Acid Soluble Sulphate as % SO_4 Clause 5.5.	Aqueous Extract Sulphate as g/l SO_4 Clause 5.5.	Ground-water g/l Clause 5.4.	Soluble Chloride as % equiv. NaCl Clause 7.3	Ground-water g/l Clause 7.2	Clause 9.				
TP1		0.50	<.01 (<.01)	0.01 (0.02)				7.00				
TP2		0.20	0.02 (0.02)	0.02 (0.02)				6.20				
TP3		0.10	0.03 (0.04)	0.01 (0.02)				5.98				
TP4		0.40	0.15 (0.19)	0.03 (0.04)				5.91				
TP6		0.40	0.02 (0.02)	<.01 (<.01)				7.09				
TP7		0.50	0.03 (0.04)	<.01 (<.01)				7.37				
TP9		0.20	0.02 (0.02)	<.01 (<.01)				7.53				
TP9		1.00	0.09 (0.10)	0.01 (0.02)				7.17				
TP10		0.25	0.05 (0.06)	<.01 (<.01)				7.29				

NCP - No Chloride present

APPENDIX K Geo-environmental Laboratory Test Results

Certificate of Analysis

2139

Certificate Number: 13-77236

Date: 14/03/2013

Client:	Earth Science Partnership 33 Cardiff Road Taffs Well Cardiff CF15 7RB
Our Reference:	13-77236
Client Reference:	5201E
Contract Title:	Tudor Inn, Cimla
Description:	5 soil samples
Date Received:	06 March 2013
Date Started:	07 March 2013
Date Completed:	14 March 2013
Test Procedures:	Identified by prefix DETSn (details on request), Asbestos Analysis (DETS 082).
Notes:	Observations and interpretations are outside the scope of UKAS accreditation

Approved By:

Rob Brown, Business Manager

Information in Support of the Analytical Results

Analysis

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425um sieve, in accordance with BS1377.
Organic soil analysis was carried out on an 'as received' sample.

Key

*	Denotes test not included in laboratory scope of accreditation
#	Denotes test that holds MCERTS accreditation, however, MCERTS accreditation is only implied if the report carries the MCERTS logo
$	Denotes tests completed by an approved subcontractor
I/S	Denotes insufficient sample to carry out test
U/S	Denotes that the sample is not suitable for testing

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-
Soils - 1 month
Liquids - 2 weeks
Asbestos (test portion) - 6 months

Summary of Chemical Analysis
Matrix Descriptions

Our Ref: 13-77236
Client Ref: 5201E
Contract Title: Tudor Inn, Cimla

Sample ID	Other ID	Depth	Sample No	Completed	Matrix Description
TP1		0.20	492041	14/03/2013	Dark brown grey gravelly sandy CLAY
TP5		0.50	492042	14/03/2013	Dark brown gravelly sandy CLAY with odd rootlets
TP8		0.10	492043	14/03/2013	Grey dark brown gravelly clayey SAND
TP9		0.50	492044	14/03/2013	Dark brown gravelly sandy CLAY
TP10		0.10	492045	14/03/2013	Dark grey gravelly clayey silty SAND

Summary of Chemical Analysis
Soil Samples

Our Ref: 13-77236
Client Ref: 5201E
Contract Title: Tudor Inn, Cimla

			Lab No.	492041	492042	492043	492044	492045
			Sample ID	TP1	TP5	TP8	TP9	TP10
			Depth	0.20	0.50	0.10	0.50	0.10
			Sample Ref					
			Sample Type					
			Sampling Date	01/03/2013	01/03/2013	01/03/2013	01/03/2013	01/03/2013
			Sampling Time					
Test	**Units**	**DETSxx**	**LOD**					
Arsenic	mg/kg	DETS 042#	0.2	3.1	6.1	1.9	9.6	6.7
Cadmium	mg/kg	DETS 042#	0.1	1.6	0.4	< 0.1	0.5	2.3
Chromium III	mg/kg	DETS 042*	0.15	440	19	7.5	28	170
Chromium	mg/kg	DETS 042#	0.15	440	19	7.5	28	170
Hexavalent Chromium	mg/kg	DETSC 2204*	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Lead	mg/kg	DETS 042#	0.3	14	35	1.7	30	20
Mercury	mg/kg	DETSC 2325#	0.05	0.11	< 0.05	< 0.05	0.08	< 0.05
Nickel	mg/kg	DETS 042#	1	10	12	1.5	17	20
Selenium	mg/kg	DETS 042#	0.5	12	0.5	3.2	< 0.5	3.4
Cyanide total	mg/kg	DETSC 2130#	0.1	0.1	0.2	< 0.1	0.2	0.2
Organic matter	%	DETSC 2002#	0.1	1.1	3.7	0.8	5.8	3.3
pH		DETSC 2008#		12.5	10.7	11.1	9.0	12.0
Acenaphthene	mg/kg	DETSC 3301	0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.6
Acenaphthylene	mg/kg	DETSC 3301	0.1	< 0.1	< 0.1	< 0.1	< 0.1	1.1
Anthracene	mg/kg	DETSC 3301	0.1	0.1	< 0.1	< 0.1	< 0.1	0.8
Benzo(a)anthracene	mg/kg	DETSC 3301	0.1	0.7	< 0.1	< 0.1	< 0.1	0.5
Benzo(a)pyrene	mg/kg	DETSC 3301	0.1	1.1	< 0.1	< 0.1	< 0.1	0.6
Benzo(b)fluoranthene	mg/kg	DETSC 3301	0.1	0.7	< 0.1	< 0.1	< 0.1	0.6
Benzo(k)fluoranthene	mg/kg	DETSC 3301	0.1	0.5	< 0.1	< 0.1	< 0.1	0.5
Benzo(g,h,i)perylene	mg/kg	DETSC 3301	0.1	1.1	< 0.1	< 0.1	< 0.1	0.8
Chrysene	mg/kg	DETSC 3301	0.1	0.9	< 0.1	< 0.1	< 0.1	2.2
Dibenzo(a,h)anthracene	mg/kg	DESTC 3301	0.1	0.4	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	mg/kg	DETSC 3301	0.1	2.1	0.1	< 0.1	< 0.1	2.6
Fluorene	mg/kg	DETSC 3301	0.1	0.2	< 0.1	< 0.1	< 0.1	1.6
Indeno(1,2,3-c,d)pyrene	mg/kg	DETSC 3301	0.1	0.7	< 0.1	< 0.1	< 0.1	0.6
Naphthalene	mg/kg	DETSC 3301	0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.3
Phenanthrene	mg/kg	DETSC 3301	0.1	0.3	< 0.1	< 0.1	< 0.1	2.8
Pyrene	mg/kg	DETSC 3301	0.1	1.6	0.1	< 0.1	< 0.1	2.3
PAH	mg/kg	DETSC 3301	1.6	11	< 1.6	< 1.6	< 1.6	18
Phenol - Monohydric	mg/kg	DETSC 2130#	0.3	0.3	0.5	< 0.3	0.6	< 0.3

Summary of Asbestos Analysis
Soil Samples

Our Ref: 13-77236
Client Ref: 5201E
Contract Title: Tudor Inn, Cimla

Lab No	Sample Ref	Material Type*	Result	Comment	Analyst
492041	TP1 0.20	Soil	NAD	na	Colin Patrick
492042	TP5 0.50	Soil	NAD	na	Colin Patrick
492043	TP8 0.10	Soil	NAD	na	Colin Patrick
492044	TP9 0.50	Soil	NAD	na	Colin Patrick
492045	TP10 0.10	Soil	NAD	na	Colin Patrick

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. NAD = No Asbestos Detected. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETS 082 using polarised light microscopy in accordance with HSG248 and documented in-house methods. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'.

Sample Comments

DETS cannot be held responsible for the integrity of sample(s) received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating.

Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note "Guidance on Deviating Samples".

All samples received are listed below. However, those samples that have additional comments in relation to hold time and/or inappropriate containers are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations.

If no sampled date (soils) or date/time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters), this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Lab No.	Sample ID	Date Sampled	Containers Received	Deviating due to holding time being exceeded for test	Deviating due to inappropriate container for test
492041	TP1 0.20 SOIL	01/03/2013	Glass Jar 250ml or less (250ml), Plastic Tub 1 litre (1kg)		
492042	TP5 0.50 SOIL	01/03/2013	Glass Jar 250ml or less (250ml), Plastic Tub 1 litre (1kg)		
492043	TP8 0.10 SOIL	01/03/2013	Glass Jar 250ml or less (250ml), Plastic Tub 1 litre (1kg)		
492044	TP9 0.50 SOIL	01/03/2013	Glass Jar 250ml or less (250ml), Plastic Tub 1 litre (1kg)		
492045	TP10 0.10 SOIL	01/03/2013	Glass Jar 250ml or less (250ml), Plastic Tub 1 litre (1kg)		

Appendix A - Details of Analysis

Method details are shown only for those determinands listed in Annex A of the MCERTS standard. Anything not included on this list falls outside the scope of MCERTS.
No Recovery Factors are used in the determination of results. Results reported assume 100% recovery. Full method statements are available on request.

Method	Name of Parameter	Units	Limit of Detection	Sample Preparation	Sub-Contracted	UKAS	MCERTS
DETSC 2002	Organic Matter	%	0.01	Air Dried	No	Yes	Yes
DETSC 2003	Loss on Ignition	%	0.01	Air Dried	No	Yes	Yes
DETSC 2004	Total Sulphate	%	0.01	Air Dried	No	Yes	Yes
DETSC 2321	Total Sulphate	%	0.01	Air Dried	No	Yes	Yes
DETSC 2004	Water Soluble Sulphate	mg/l	10.00	Air Dried	No	Yes	Yes
DETSC 2076	Water Soluble Sulphate	mg/l	10.00	Air Dried	No	Yes	Yes
DETSC 2006	Chloride	mg/kg	0.01	Air Dried	No	Yes	Yes
DETSC 2008	pH	pH Units	0.10	Air Dried	No	Yes	Yes
DETS 042	Selenium	mg/kg	0.50	Air Dried	No	Yes	Yes
DETSC 2119	Ammonia	mg/kg	0.02	Air Dried	No	Yes	Yes
DETS 020	Boron (Water Soluble)	mg/kg	0.20	Air Dried	No	Yes	Yes
DETSC 2024	Sulphide	mg/kg	10.00	Air Dried	No	Yes	Yes
DETS 042	Antimony	mg/kg	1.00	Air Dried	No	No	No
DETS 042	Arsenic	mg/kg	0.20	Air Dried	No	Yes	Yes
DETS 042	Barium	mg/kg	1.50	Air Dried	No	Yes	Yes
DETS 042	Beryllium	mg/kg	0.20	Air Dried	No	Yes	Yes
DETS 042	Cadmium	mg/kg	0.10	Air Dried	No	Yes	Yes
DETS 042	Cobalt	mg/kg	0.70	Air Dried	No	Yes	Yes
DETS 042	Copper	mg/kg	0.20	Air Dried	No	Yes	Yes
DETS 042	Chromium	mg/kg	0.15	Air Dried	No	Yes	Yes
DETS 042	Iron	mg/kg	1.00	Air Dried	No	Yes	No

Appendix A - Details of Analysis

Method details are shown only for those determinands listed in Annex A of the MCERTS standard. Anything not included on this list falls outside the scope of MCERTS.
No Recovery Factors are used in the determination of results. Results reported assume 100% recovery. Full method statements are available on request.

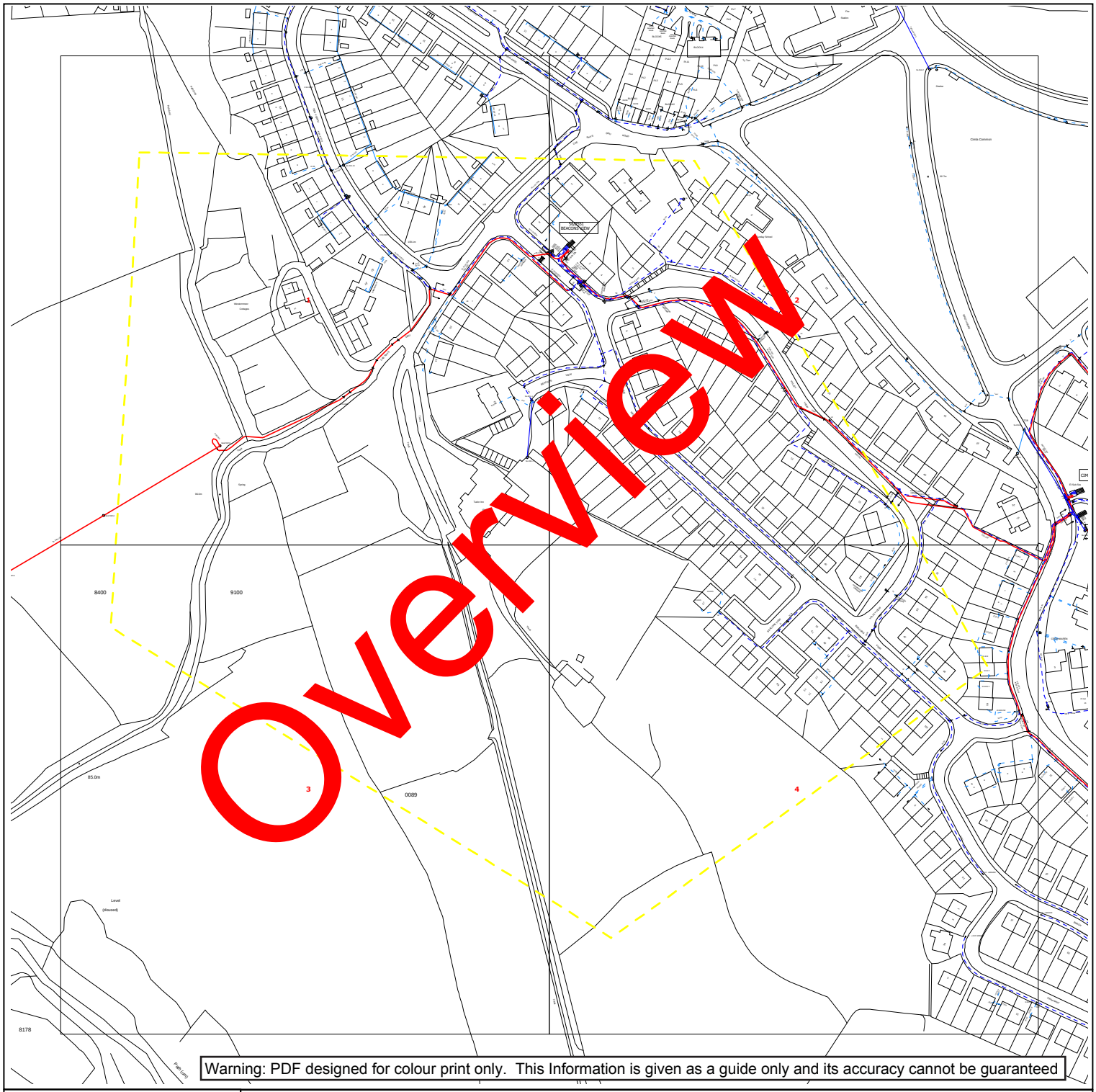
Method	Name of Parameter	Units	Limit of Detection	Sample Preparation	Sub-Contracted	UKAS	MCERTS
DETS 042	Lead	mg/kg	0.30	Air Dried	No	Yes	Yes
DETS 042	Manganese	mg/kg	20.00	Air Dried	No	Yes	Yes
DETSC 2325	Mercury	mg/kg	0.05	Air Dried	No	Yes	Yes
DETS 042	Molybdenum	mg/kg	0.40	Air Dried	No	Yes	Yes
DETS 042	Nickel	mg/kg	0.20	Air Dried	No	Yes	Yes
DETS 042	Thallium	mg/kg	1.00	Air Dried	No	No	No
DETS 042	Vanadium	mg/kg	0.80	Air Dried	No	Yes	Yes
DETS 042	Zinc	mg/kg	1.00	Air Dried	No	Yes	Yes
DETSC 3049	Sulphur (Free)	mg/kg	0.50	As Received	No	Yes	Yes
DETSC 3301	PAH by GC-FID	mg/kg	0.10	As Received	No	Yes	No
DETSC 3311	TPH (C10 - C40)	mg/kg	20.00	As Received	No	Yes	Yes
DETSC 3401	PCB	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3321	Benzene	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3321	Toluene	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3321	Ethylbenzne	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3321	Xylene	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 2130	Phenol - Monohydric	mg/kg	0.3	Air Dried	No	Yes	Yes
DETSC 2130	Easily Liberatable Cyanide	mg/kg	0.1	Air Dried	No	Yes	Yes
DETSC 2130	Complex Cyanide	mg/kg	0.30	Air Dried	No	Yes	No
DETSC 2130	Total Cyanide	mg/kg	0.40	Air Dried	No	Yes	Yes
DETSC 2130	Thiocyanate	mg/kg	0.6	Air Dried	No	Yes	Yes

Appendix A - Details of Analysis

Method details are shown only for those determinands listed in Annex A of the MCERTS standard. Anything not included on this list falls outside the scope of MCERTS.
No Recovery Factors are used in the determination of results. Results reported assume 100% recovery. Full method statements are available on request.

Method	Name of Parameter	Units	Limit of Detection	Sample Preparation	Sub-Contracted	UKAS	MCERTS
DETSC 3431	VOC	mg/kg	0.01	As Received	No	No	No
DETSC 3303	PAH by GCMS (see list below)						
DETSC 3303	Acenaphthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Acenaphthylene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(a)anthracene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(a)pyrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(b)fluoranthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(k)fluoranthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(g,h,i)perylene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Dibenzo(a,h)anthracene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Fluoranthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Indeno(1,2,3-c,d)pyrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Naphthalene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Phenanthrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Pyrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Anthracene	mg/kg	0.03	As Received	No	Yes	No
DETSC 3303	Chrysene	mg/kg	0.03	As Received	No	Yes	No
DETSC 3303	Fluorene	mg/kg	0.03	As Received	No	Yes	No

APPENDIX L Records of Underground Services (2013)



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WESTERN POWER DISTRIBUTION

Serving the Midlands, South West and Wales

Map Response
Western Power Distribution
Toll End Road
Tipton DY4 0HH
Phone 0121 623 9780

Date Requested: 14/02/2013
Job Reference: 542591
Site Location: 276050 196018
Requested by:
Mr David Pritchard
Your Scheme/Reference:
Tudor Inn

Site Location
Point
Line/Area

OVERHEAD LINE
PL
SERVICE
LV
HV (11kV)
HV (33kV)
HV (66kV)
HV (132kV)
*

UNDERGROUND CABLE
*

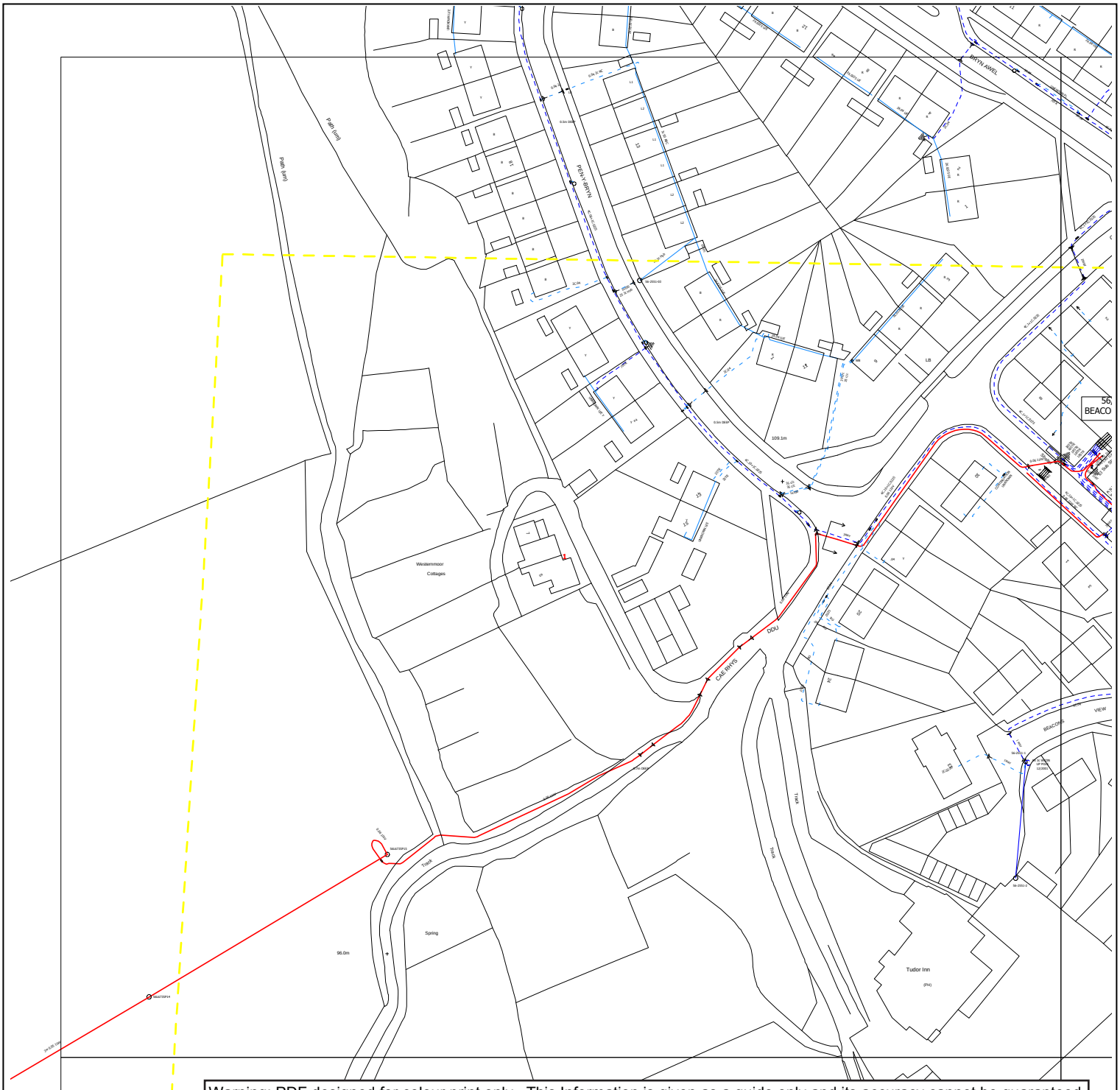
SURF TELECOMS APPARATUS
PME Earth
Underground Earth

PILOT CABLES
Pole Mounted Transformer
Ground Mounted Transformer

* Advice should be sought from the Western Power Distribution Contact Centre for any work that is to take place in proximity to 132kV underground cables and 132kV overhead lines – 0800 096 3080

IMPORTANT NOTICES

- These plans are provided as a general guide only. Services or recent additions to the network may not be shown.
- Cables, overhead lines & substations owned by other electricity network owners or private companies may be present but will not be shown.
- You should always verify exact locations of cables using a cable locator and by careful use of hand tools in accordance with HSE guidance note HSG47.
- When working within 10m of any overhead electric line you should follow the requirements of HSE Guidance Note GS6.
- For further advice on working near our electricity cables or lines, call our Contact Centre on 0845 601 3341.
- **Report damage to 0800 052 0400 immediately – KEEP EVERYONE AWAY FROM THE AREA**



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Approx. Scales:
1:1250 Area or Circle dig site
1:500 Line dig site

Site Location
Point
Line/Area

OVERHEAD LINE
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SERVICE
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HV (11kV)
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HV (66kV)
HV (132kV)
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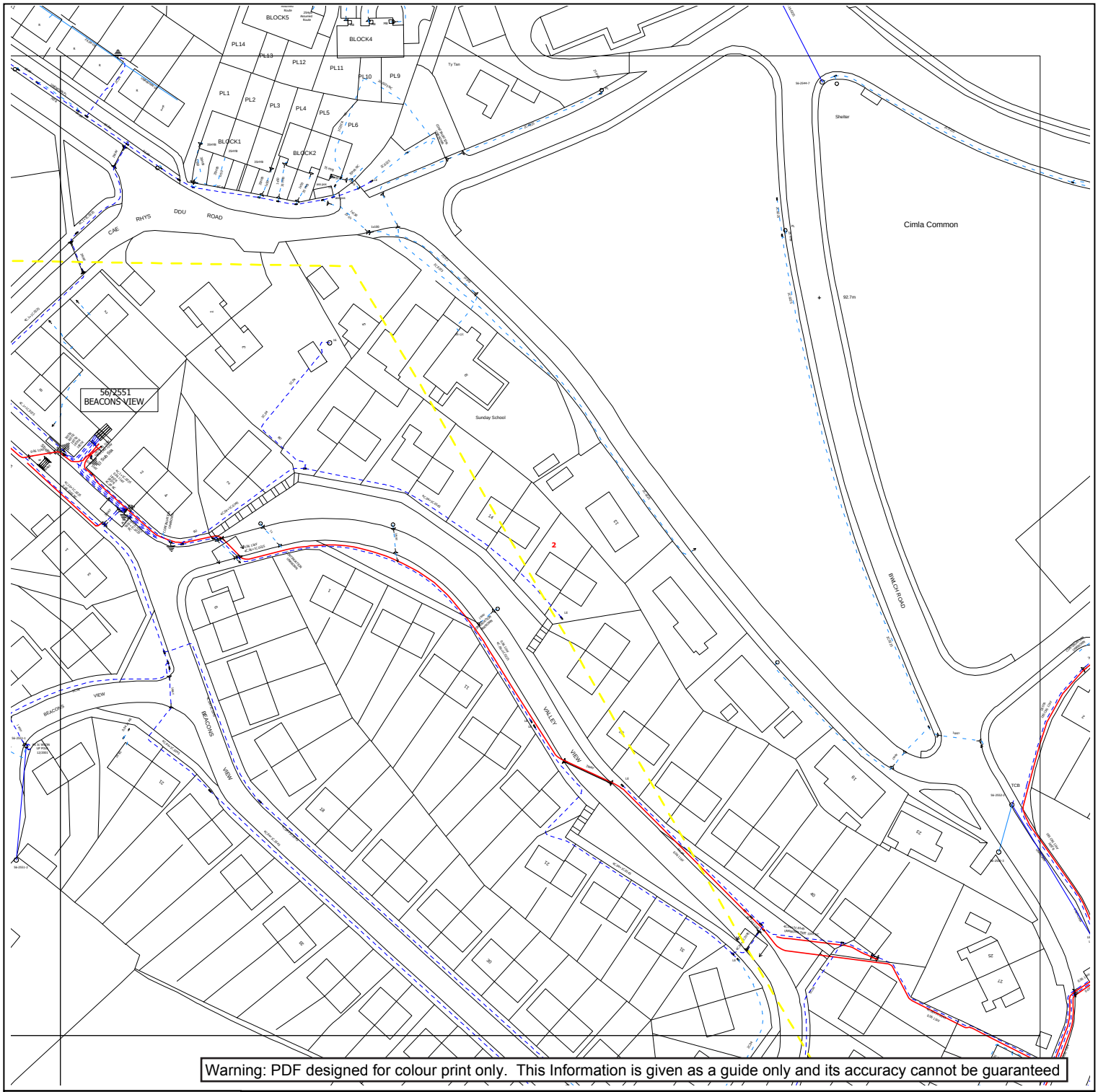

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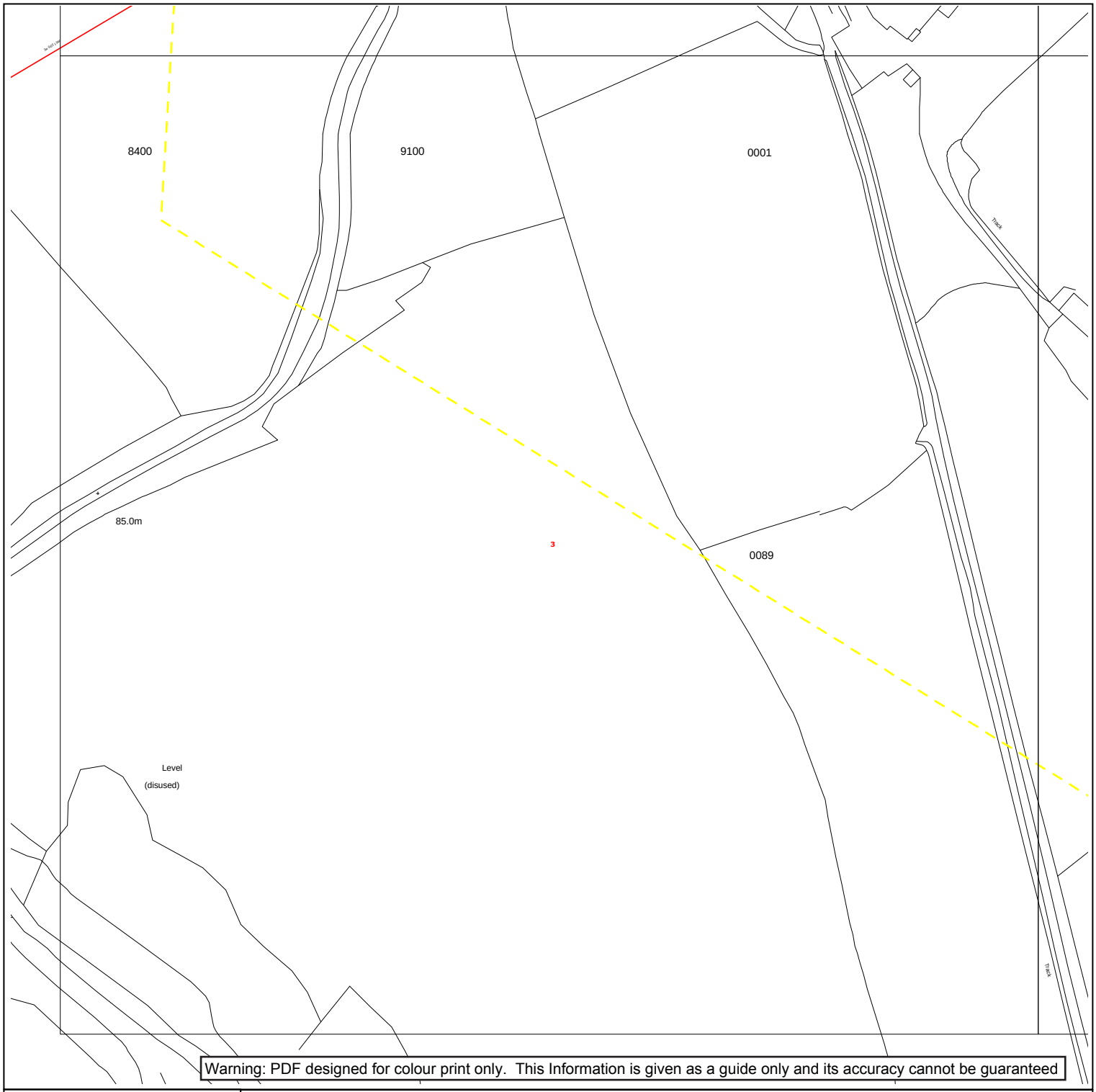

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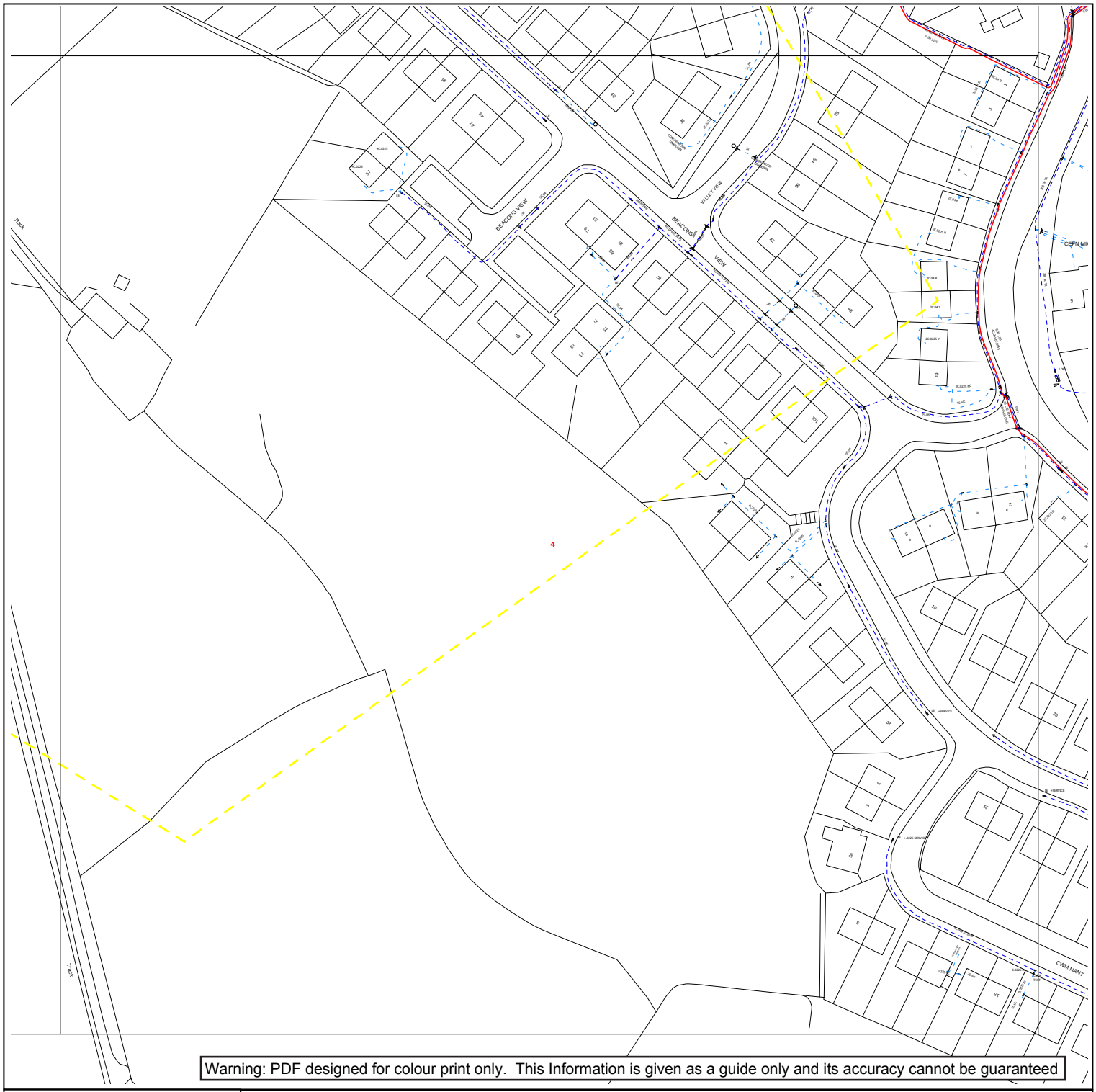

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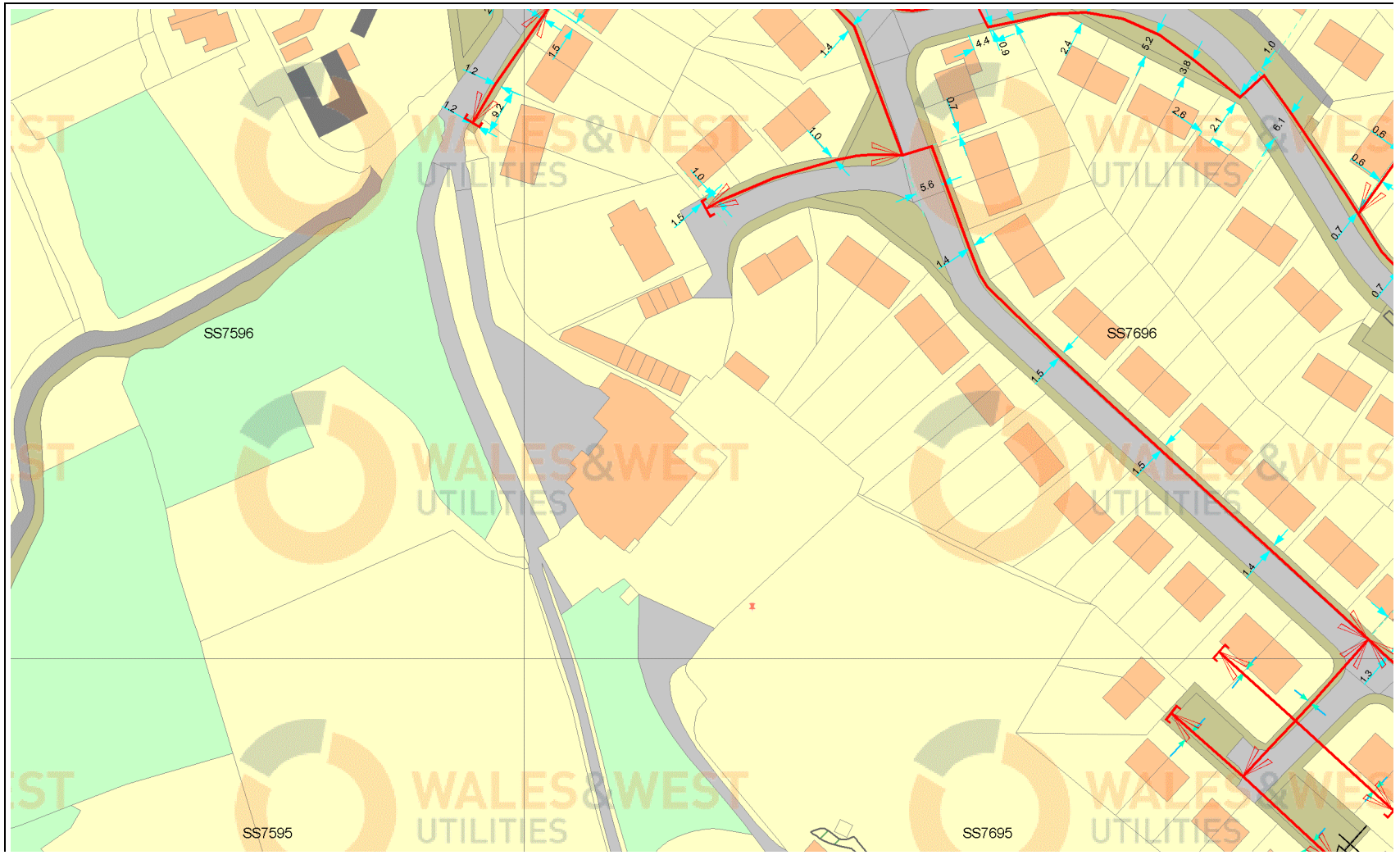
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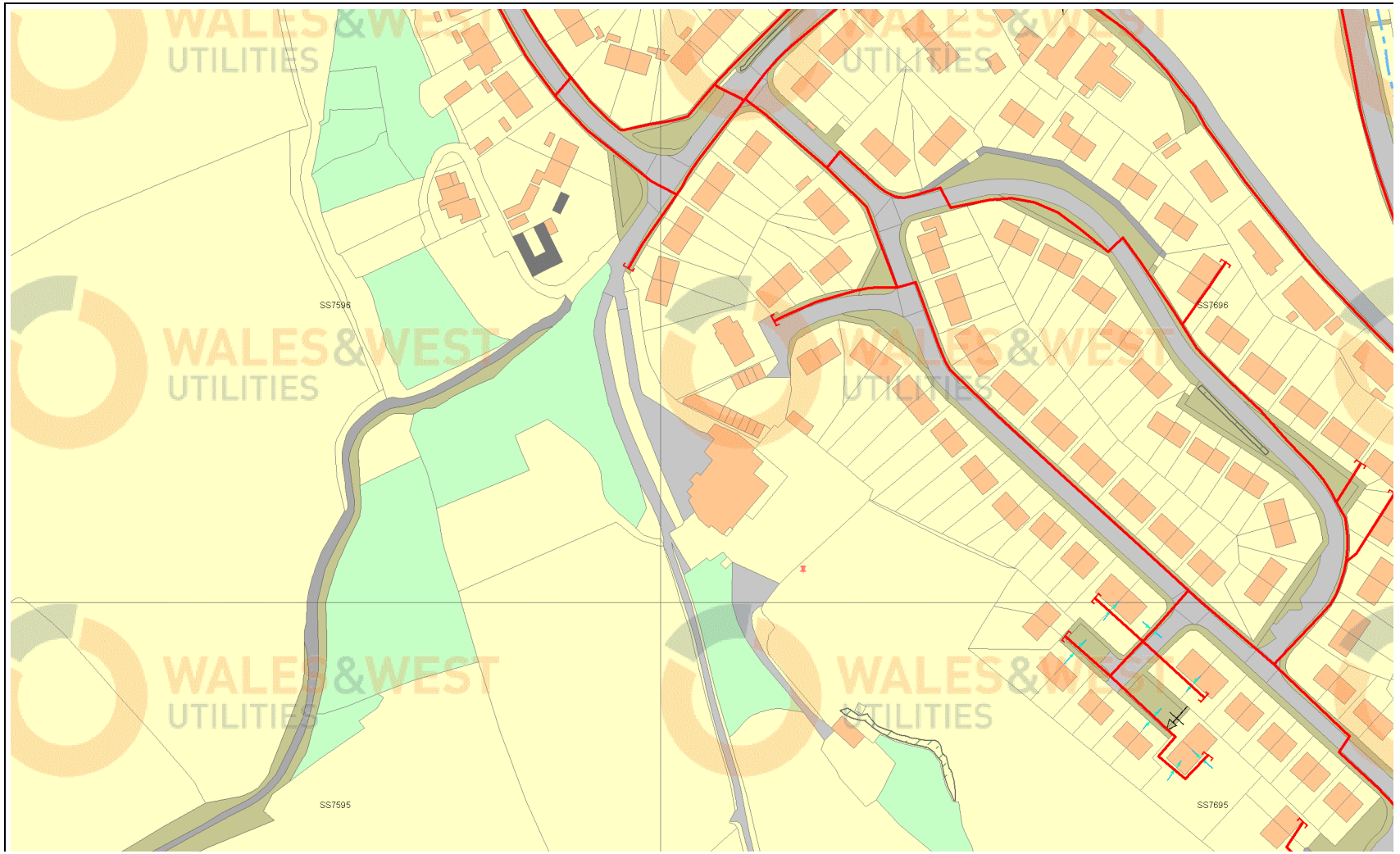
SS7595
SS7695
WALES&WEST UTILITIES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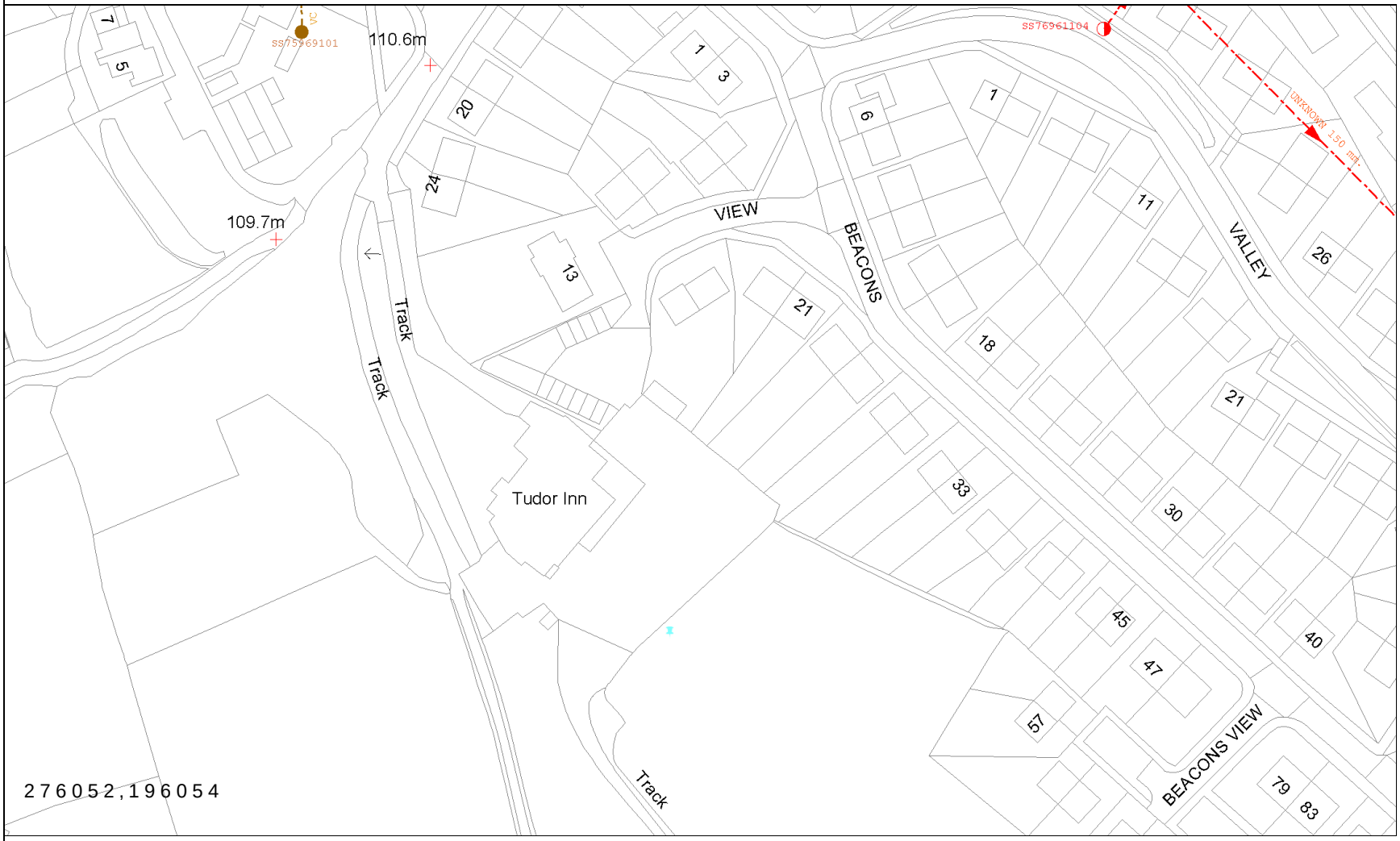
SS7696
SS7595
SS7695

Dŵr Cymru
Welsh Water

14/02/2013



LEGEND

Clean Water

- Sluice Val
- Air Val, SINGLE
- Tap
- Pressure Reducing Valve
- Meter
- BULK Meter
- FH
- Cap
- Existing Main
- NON COMPANY

Sewerage External

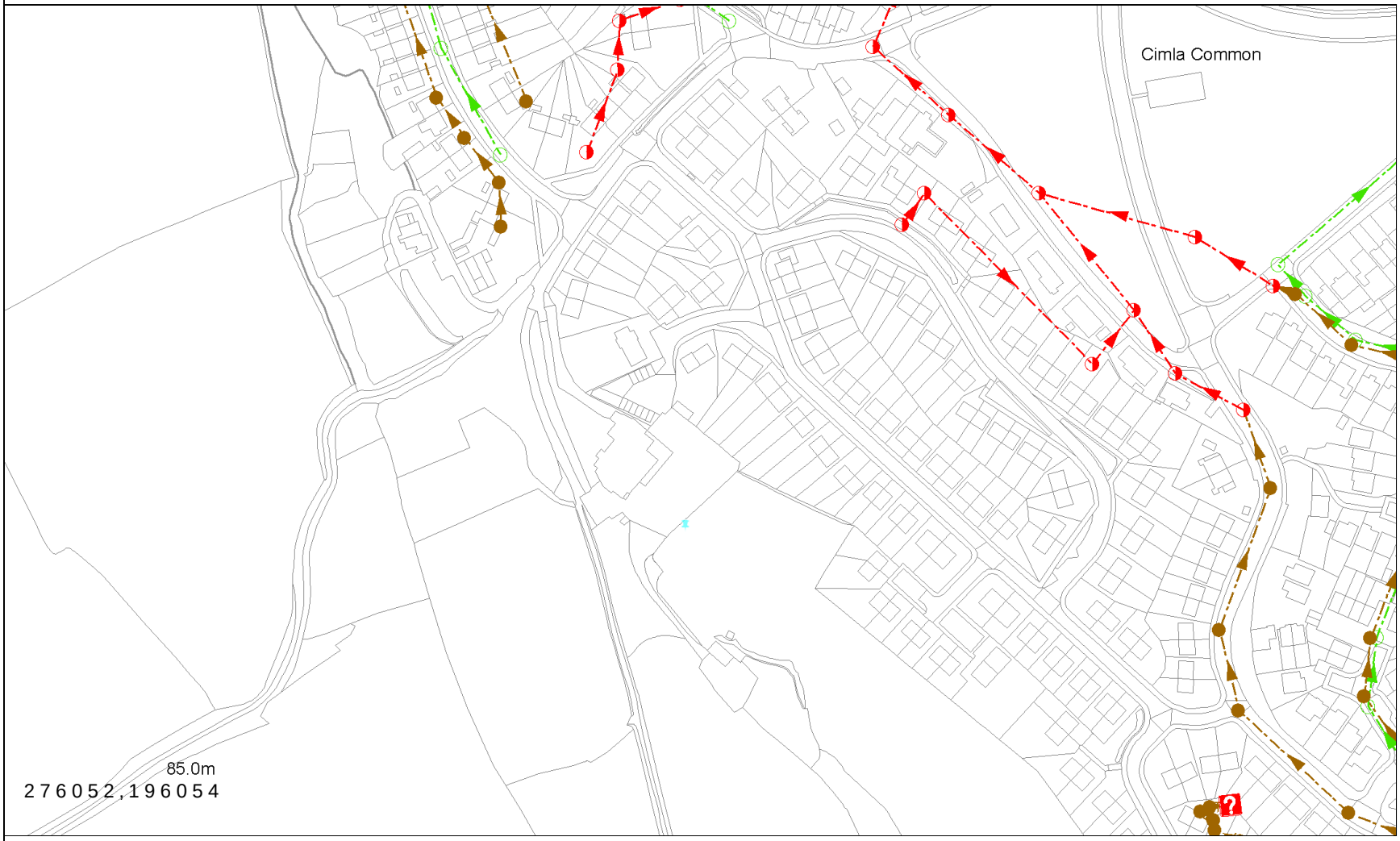
- Foul
- Surface Water
- Combined
- Rising Main
- Private
- Treatment Works
- Pumping Station
- Special Purpose
- Unknown End
- Change, Combined Overflow
- Outfall, FOUL
- Lamp Hole, Foul
- Private Sewer Transfer
- Lateral Drain
- Inspection Chamber

EXACT LOCATION OF ALL APPARATUS TO BE DETERMINED ON SITE

Scale: 1:1250

Dŵr Cymru
Welsh Water

14/02/2013



LEGEND

Clean Water

- Sluice Val
- Air Val, SINGLE
- Tap
- Pressure Reducing Valve
- Meter
- BULK Meter
- FH
- Cap
- Existing Main
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Sewerage External

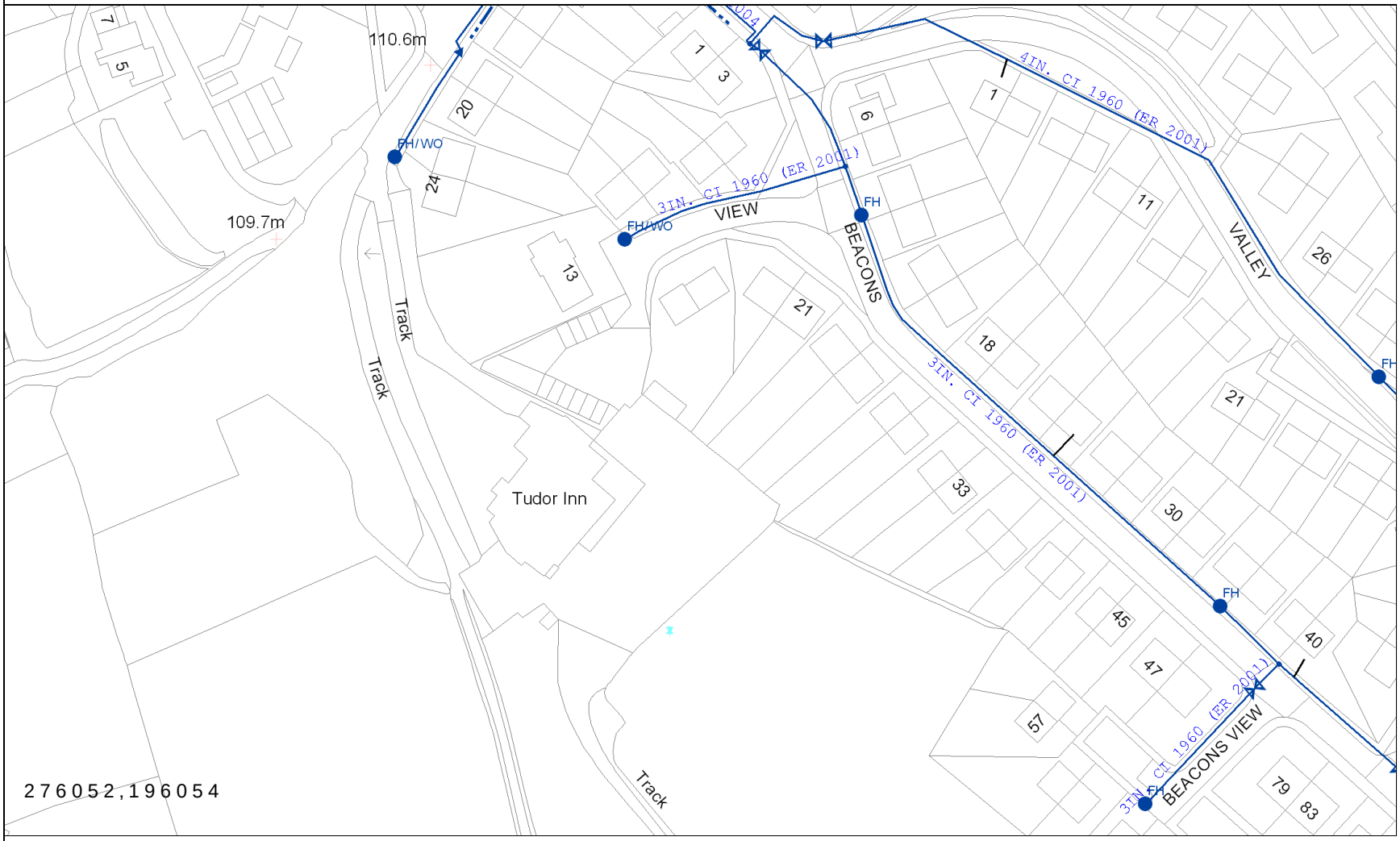
- Foul
- Surface Water
- Combined
- Rising Main
- Private
- Treatment Works
- Pumping Station
- Special Purpose
- Unknown End
- Change, Combined Overflow
- Outfall, FOUL
- Lamp Hole, Foul
- Private Sewer Transfer
- Lateral Drain
- Inspection Chamber

EXACT LOCATION OF ALL APPARATUS TO BE DETERMINED ON SITE

Scale: 1:2500

Dŵr Cymru
Welsh Water

14/02/2013



LEGEND

Clean Water

- Sluice Val
- Air Val, SINGLE
- Tap
- Pressure Reducing Valve
- Meter
- BULK Meter
- FH
- Cap
- Existing Main
- NON COMPANY

Sewerage External

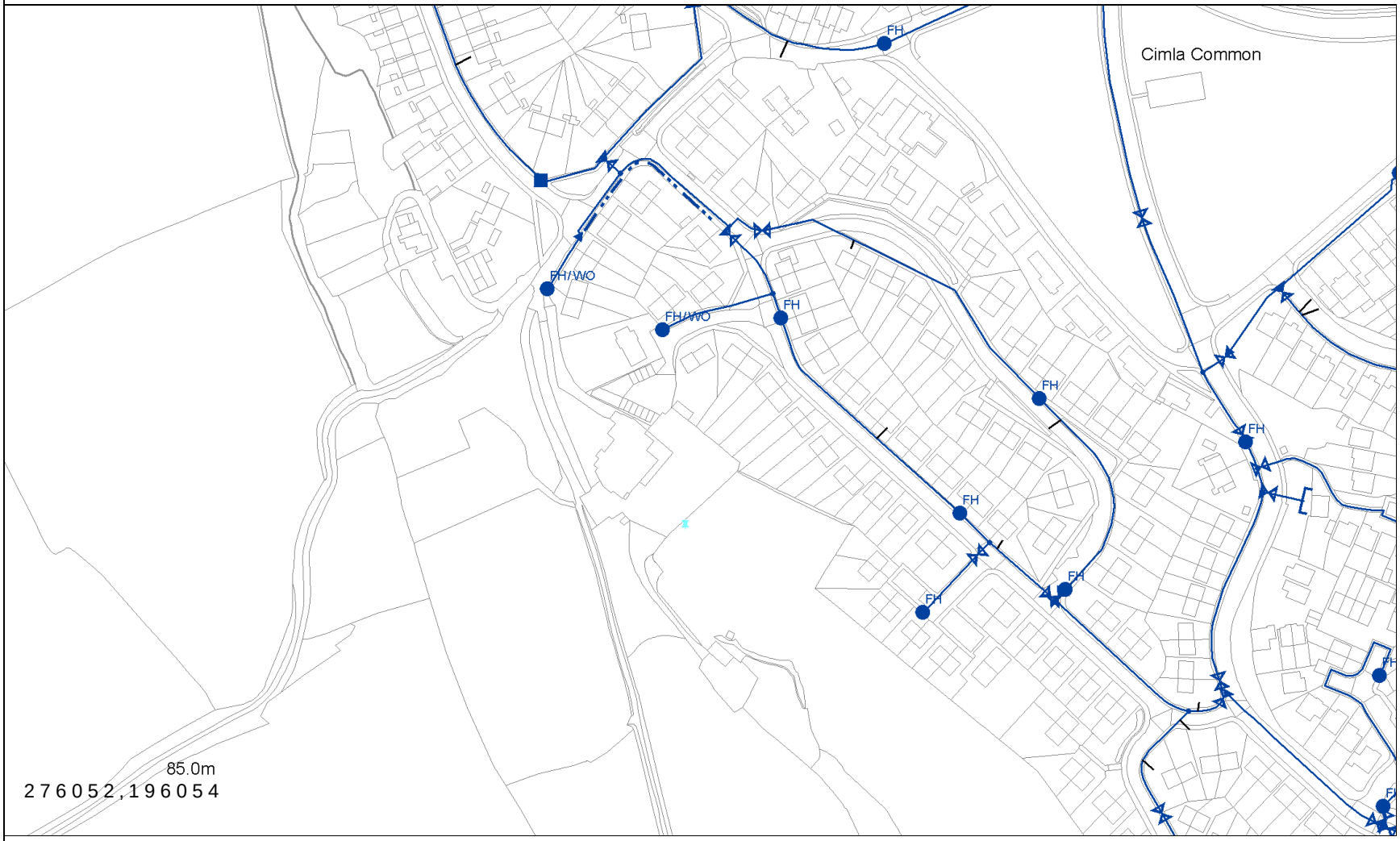
- Foul
- Surface Water
- Combined
- Rising Main
- Private
- Treatment Works
- Pumping Station
- Special Purpose
- Unknown End
- Change, Combined Overflow
- Outfall, FOUL
- Lamp Hole, Foul
- Private Sewer Transfer
- Lateral Drain
- Inspection Chamber

EXACT LOCATION OF ALL APPARATUS TO BE DETERMINED ON SITE

Scale: 1:1250

Dŵr Cymru
Welsh Water

14/02/2013



LEGEND

Clean Water

- Sluice Val
- Air Val, SINGLE
- Tap
- Pressure Reducing Valve
- Meter
- BULK Meter
- FH
- Cap
- Existing Main
- NON COMPANY

Sewerage External

- Foul
- Surface Water
- Combined
- Rising Main
- Private
- Treatment Works
- Pumping Station
- Special Purpose
- Unknown End
- Change, Combined Overflow
- Outfall, FOUL
- Lamp Hole, Foul
- Private Sewer Transfer
- Lateral Drain
- Inspection Chamber

EXACT LOCATION OF ALL APPARATUS TO BE DETERMINED ON SITE

Scale: 1:2500

http://www.digdat.co.uk/Maps.aspx

Map | Booking ref EJ... | Book cheap fli... | Cheap flights –... | Passport detail... | What is the be... | Fujifilm Finepi...

dig dat .co.uk

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0845 026 7676

andrew.pritchard@virginmedia.co.uk | My Plots | My Account | Log out

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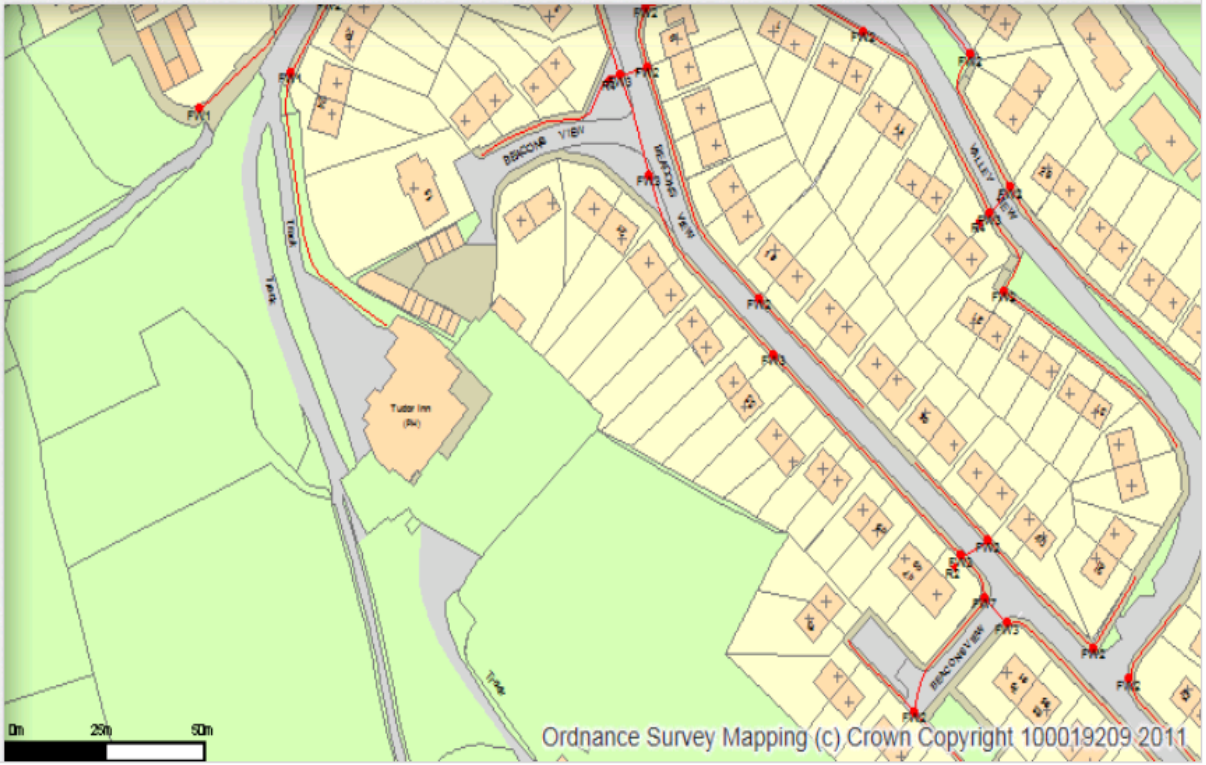
Datasets

Multiplots



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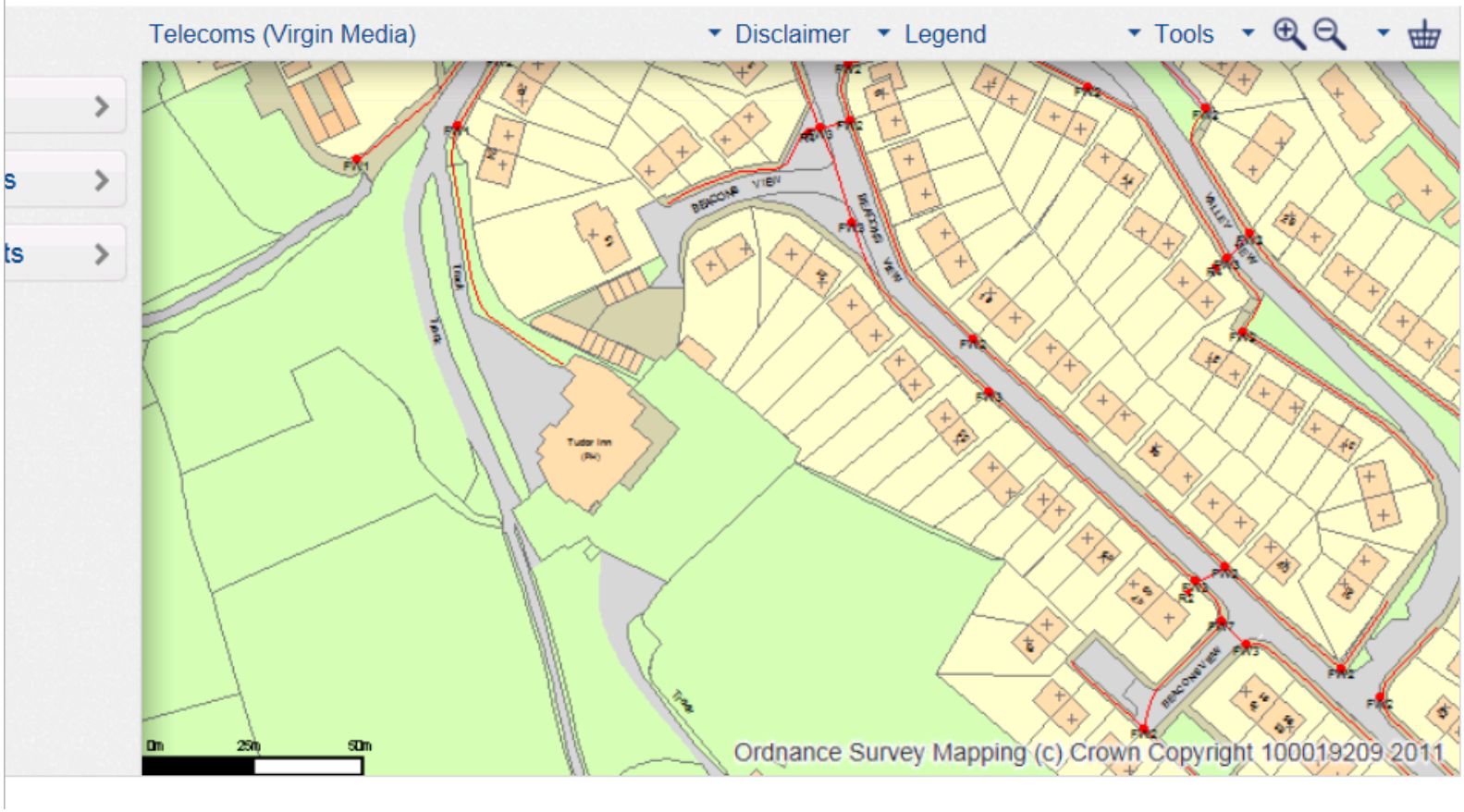
18/02/2013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Tools
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50m
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GENERAL NOTES

1. Earth Science Partnership (ESP) believes that providing information about limitations is essential to help clients identify and therefore manage their risks. These risks can be mitigated through further investigation or research, but they cannot be eliminated. This report may not be used for any purpose other than that for which it was commissioned.

2. This report includes available factual data for the site as obtained only from the sources described in the text. The data are related to the site on the basis of the site location and boundary information provided by the client. The findings and opinions conveyed in this assessment are based on the information obtained from a variety of sources as detailed in the report, which ESP believe are reliable. Nevertheless, ESP cannot and does not guarantee the authenticity or reliability of the information it has relied on. It is possible that the assessment failed to indicate the existence of further sources of information on the site. Assuming such sources do exist, their information could not have been considered in the formulation of the opinions and findings in this report. It should be recognised that different conditions on site may have existed between and subsequent to the various map surveys.

3. In preparing this report it has been assumed that all past and present occupants of the site have provided all relevant and other information, especially relating to known or potential hazards. This report is not required to identify insufficiencies or mistakes in the information provided by the user/owner or from any other source, but has sought to compensate for these where obvious in the light of other information.

4. Reports are normally prepared and written in the context of a stated purpose, and should not, therefore be used in a different context. Furthermore, new information, improved practices and legislation may necessitate an alteration to the report in whole or in part after its submission.

5. The opinions presented in this report are based on the findings derived from a site inspection, investigations and a review of historical and other records. The report details any indicators that may suggest that hazardous substances exist at the site at levels likely to warrant mitigation. Not finding such indicators does not mean that hazardous substances do not exist at the site. The most recent site inspection was undertaken as detailed within the report. Circumstances on sites are subject to change and certain indicators of the presence of hazardous substances that may have been latent at the time of this inspection may subsequently have become observable.

6. The work carried out for the assessment can only investigate a small portion of the subsurface conditions. Certain indicators or evidence of hazardous substances may have been outside the limited portion of the subsurface investigated, latent at the time of the work or only partially intercepted by the works, and thus their full significance could not be appreciated. In this regard, groundwater levels are particularly susceptible to variation and it should be noted that groundwater levels are subject to diurnal, seasonal, and climatic changes and are solely dependent on the time the ground investigation was carried out and the weather before and during the investigation.

7. Accordingly, it is possible that the assessment failed to indicate the presence or significance of hazardous substances. Assuming such substances exist, their presence could not have been considered in the formulation of the report's findings and opinions. The conclusions resulting from this study and contained in this report are not necessarily indicative of future conditions or operating practices at or adjacent to the site. Where differing ground conditions or suspect materials are encountered during future site works, additional specialist advice should be sought to assess whether the new information will materially affect the recommendations currently provided herein and whether further consideration is required. Any limiting factors should be assessed by an appropriately qualified specialist.

8. The assessment was prepared for the sole internal use and reliance of the Client. The report shall not be relied upon by or transferred to other parties without the express written authorisation of the Earth Science Partnership. If an unauthorised party comes into possession of the report, they rely on it at their peril and the authors owe them no duty of care and skill.

9. The copyright in this report and other plans and documents prepared by the ESP is owned by them and no such report, plan or document may be reproduced, published or adapted without their consent. Complete copies of this report may, however, be made and distributed by the Client as an expedient in dealing with matters related to its commission.

GENERAL GEOTECHNICAL CONSTRUCTION ADVICE

1. The locations of all buried services should be accurately determined prior to detailed design in order that zones of influence, easements, diversions etc. can be considered. Care should be undertaken that any field drains encountered are carefully and satisfactorily blocked to prevent water seeping through the drains and into any excavations.

2. A site strip should be undertaken with all surface vegetation and topsoil either stockpiled for future re-use or disposed at a suitable licensed facility. In particular, all areas of Japanese Knotweed should be excavated and disposed in accordance with published guidelines.

3. All areas of hardstandings or old foundations, basements or other substructures should be broken out and either processed for re-use on site or disposed of at a suitable licensed landfill facility.

4. For all spread foundation options, formations should be cleaned, and subsequently inspected by a suitably qualified engineer prior to placing concrete. Should any soft, compressible or otherwise unsuitable materials be encountered they should be removed and replaced by lean mix concrete or suitable compacted granular material. A blinding layer of concrete should be placed after excavation and inspection in order to protect the formation against softening and disturbance.

5. Generally, all foundations should be placed wholly within the same material type, unless specific geotechnical inspection and assessment has been undertaken.

6. The location of the exploratory holes undertaken as part of this report should be accurately surveyed in order that their precise location is known and that appropriate precautions can be taken when building over or near to these locations.

7. Appropriate precautions should be adopted to prevent the disturbance of foundations or services by roots associated with trees or hedges where shallow foundations are considered within the influence zone of such trees and hedges. Any such roots should be removed from foundation excavations and the foundations located below such disturbance strata. Where the natural soil bounded by the foundations could increase in volume greater than that outside the foundations (e.g. where a shallow foundation is sited over a previous tree or severed major roots) a compressible material / loose backfill should be placed on the faces of the footing.

8. Where the distance from foundations to existing trees/hedgerows is less than twice the foundation depth, as determined by NHBC Practice Note 3 (1985), a compressible material or loose backfill shall be placed on the outside of the foundation to absorb potential forces.