



Phase I Preliminary Risk Assessment

Land to rear of 4 & 5 Trevarrick Road, St Austell

09 November 2020

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EXECUTIVE SUMMARY

Objectives

Wheal Jane Consultancy was commissioned by Mr A Phillimore to undertake an environmental risk assessment for a proposed development.

Site Setting

Current Use The site is currently a building site with wooden structures present in the NE of the site.

History In the 1880s a river is shown to pass through the centre of the site. The south western area is occupied by fields. The north eastern area is occupied by woodland. In the 1960s a structure is present in the NE of the site. The river appears to have been redirected and is present along the northern boundary. Since the 1990s there are no structures present on site on mapping.

Geology The geological map indicates that the site is underlain by superficial deposits of Alluvium which in turn overly the Trendean Mudstone Formation of Devonian age.

Controlled Waters There are groundwater flooding susceptibility areas within 50m of the proposed development. The highest susceptibility to groundwater flooding has been classified as 'Potential at surface.'

Radon Development is within an area where greater than 30% of properties are above the action level for Radon.

Conclusions

- Tyre dealers are located 47m NE. A contamination pathway is unlikely due to the local topography.
- A foundry was located 315m SE. Due to the distance from the site and the local topography a contamination pathway is unlikely.
- A smithy was located 236m E. Due to the distance from the site and the local topography a contamination pathway is unlikely.
- A corn mill was located 65m SE. Due to the local topography a contamination pathway is unlikely to be present.
- Garages are located from 97m SE. Due to the local topography a contamination pathway is unlikely to be present.
- In the absence of a significant source of contamination, it can be concluded that this site is suitable for its intended future use and that no further investigation will be required.

Recommendations

- As mapping indicates that superficial alluvium is present on site it would be highly recommended to commission a geotechnical investigation to confirm ground conditions prior to works commencing on site.
- Full radon protective measures are required for the proposed development in-line with BRE guidelines.
- In the event unexpected contamination is found during development, work should cease until the material can be identified and remediated appropriately.



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- All site workers should be equipped with the correct PPE and have undertaken suitable risk assessments, job safety and environmental analysis before work commences.
 - Waste material to be removed from site should be handled by a suitably licensed waste contractor.
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1 INTRODUCTION

1.1 General

1.1.1 Wheel Jane Consultancy was commissioned by Mr A Phillimore to undertake an environmental risk assessment at the site known as 'Land to rear of 4 & 5 Trevarrick Road, St Austell.' Wheel Jane Consultancy was formally instructed to proceed via email on the 21st October 2020.

1.1.2 This report has been prepared by Wheel Jane Consultancy solely for the benefit of the client. It shall not be relied upon or transferred to any third party without the prior written authorisation of Wheel Jane Consultancy.

1.2 Previous Reports

1.2.1 No previous land contamination reports are known to have been commissioned for this site.

1.3 Scope and Objectives

1.3.1 The Objective of this Desk Study is to examine past and present site conditions to identify any potential risk of contamination or ground instability resulting from historical and contemporary site usage. Any recommendations for further works have been made as deemed appropriate, based upon the findings of the investigation.

1.3.2 This assessment has been undertaken with guidance from BS10175:201 and Environment Agency report CLR11, and as such represents a Phase 1 Desk Study / Qualitative Risk Assessment.

1.3.3 This report does not constitute an asbestos inspection that may fall within the 'Control of Asbestos' regulations, 2006.

1.3.4 The conclusions and recommendations of this report are valid for a period of 12 months from the date of issue. Outside of this time frame the report will require reviewing by a suitably qualified geoenvironmental engineer / environmental scientist, to ensure that the report complies with any changes to industry standards, policies and/or guidelines.

1.3.5 It is recommended that a copy of this report be submitted to the local authority for checking, prior to commissioning any further work which may be required.

1.4 Information Sources

1.4.1 This assessment has been based upon mapping and information obtained from a number of trusted third-party sources. Although we only use information from trusted sources, Wheel Jane Consultancy cannot accept any responsibility for any inaccuracy of third-party information. The sources used in this assessment are listed below:

- Landmark Environmental Data dated 26th October 2020.
- Historic mapping dated 26th October 2020.



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- Zetica Unexploded Ordnance (UXO) risk map.
- BGS sheet 347, Bodmin



2 PHASE I ASSESSMENT

2.1 Site Location and Layout

- 2.1.1 The site is located on Trevarrick Road, approximately 0.60km north west of the town centre of St Austell. The site is approximately centred on National Grid Reference SX 00755 52517.
- 2.1.2 The site is irregular in shape and covers an area of 0.08ha.
- 2.1.3 A site location plan (SLP) is contained in Figure 2.1, to the rear of the report.
- 2.1.4 The current site plan is contained in Figure 2.2, to the rear of the report.

2.2 Surrounding Area

Direction	Land Use
North	Commercial, Residential
East	Commercial, Residential
South	Residential
West	Residential

2.3 Site Walkover Survey

- 2.3.1 Wheel Jane Consultancy conducted a site walkover survey on 29th October 2020. Photographs from the walkover survey are provided in Appendix A.
- 2.3.2 The site is currently a building site with wooden structures present in the NE of the site.
- 2.3.3 The site is accessed via a driveway between properties 3a and 4.
- 2.3.4 The levels of the site appear to have been reduced and a retaining wall built along the south western boundary.
- 2.3.5 The site is surfaced with earth and gravel.
- 2.3.6 A river is present along the northern boundary however due to the steep slope of the northern boundary this is approximately 3.0m lower than the site and therefore flooding is considered unlikely.
- 2.3.7 Topographically speaking, the site is fairly flat however the northern boundary slopes away steeply, with changes in elevation of approximately 3m.
- 2.3.8 Mature trees are present along the north and north eastern boundaries.
- 2.3.9 There were no visual or olfactory signs of contamination present on site at the time of the walkover survey.



2.4 Proposed Development

2.4.1 A proposal has not yet been submitted to planning. The proposed site plan is not yet finalised.

2.5 Site History

2.5.1 Using a range of historical mapping sources, an overview of the findings relating to the site and its surroundings can be found below in Table 2.1.

Table 2.1: Summary of Historical Site Usage

Source	On Site	Surroundings
Ordnance Survey Plan 1881 1:2,500	A river is shown to pass through the centre of the site. The south western area is occupied by fields. The north eastern area is occupied by woodland.	Corn mills are located 65m SE, 1290m NW. A smithy is located 236m E. A skating rink is located 205m SE. Nurseries are located 192m E, 451m SE, 537m SW. A foundry is located 315m SE. Schools are located 432m and 437m SE, 1230m SW. A hospital is located 439m E. The St Austell Workhouse is located 575m E. The cornwall railway is located 538m NE. Cemeteries are located 886m E, 885m SE. A malthouse is located 723m SE. Quarries are located 591m, 693m SW, 899m, 1390m, 1630m SE. Mines are located 894m NW, 611m N. China Clay works are located 1380m, 1410m NW, 779m N, 1040m NE. Clay pits are located 943m and 1040m NW, 1290m NE. Woods are located 642m 851m NE.
Ordnance Survey Plan 1888 1:10,560	No significant change.	No significant change.
Ordnance Survey Plan 1907 1:2,500	No significant change.	A cattle market is present 79m SE. Electricity works are located 618m E. Allotment gardens are present 645m NE. A brewery is located 991m E. A reservoir is located 625m N. A sawmill is located 509m NW.
Ordnance Survey Plan 1907-1908 1:10,560	No significant change.	No significant change.



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Ordnance Survey Plan 1933 1:2,500	No significant change.	Allotment gardens are located 485m, 973m SE. Mica works are located 959m SE. Schools are located 1150m NE. A hospital is located 306m W.
Ordnance Survey Plan 1933-1934 1:10,560	No significant change.	A football ground is located 1100m NE.
Ordnance Survey Plan 1938 1:10,560	No significant change.	No significant change.
Ordnance Survey Plan 1963 1:10,000	No significant change.	No significant change.
Ordnance Survey Plan 1968-1969 1:1,250	A structure is now present in the NE of the site. The river appears to have been redirected and is now present along the northern boundary.	A timber yard is located 97m NE. depots are located 24m NE. Garages are located 63m, 106m E, 312m NE. Car parks are located 154m, 599m SE, 1250m E. A bakery is located 161m E, 1020m SE. Warehouses are located 345m NE, 255m SE. Electricity substations are located 269m N, 354m SE, 609m E. A gasholder station is located 426m SE. A school is located 413m SE.
Ordnance Survey Plan 1970-1977 1:10,000	No significant change.	Disused tips are located 808m SW, 1160m N. A reservoir is located 989m NE. Quarries are now marked as disused.
Ordnance Survey Plan 1984-1992 1:1,250	No significant change.	Depots are located 201m SE, 230m S.
Ordnance Survey Plan 1992-1995 1:10,000	There are currently no structures present on site.	A college is located 456m NE, 408m SE.



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Ordnance Survey Plan 2000 1:10,000	No significant change.	No significant change.
Aerial Photography 2001	The site area is covered by mature trees.	The surrounding area is predominantly residential property. Commercial buildings are present to the east of the site.
Ordnance Survey Plan 2003 - 2020 1:10,000	No significant change.	No significant change.
Aerial Photography 2020	The north western area of the site has been cleared.	No significant change.

- 2.5.2 In the 1880s a river is shown to pass through the centre of the site. The south western area is occupied by fields. The north eastern area is occupied by woodland. In the 1960s a structure is present in the NE of the site. The river appears to have been redirected and is present along the northern boundary. Since the 1990s there are no structures present on site on mapping.
- 2.5.3 During the 1880s the surrounding area was occupied by corn mills, a smithy, a skating rink, nurseries, a foundry, schools, a hospital, the St Austell Workhouse, the Cornwall railway, cemeteries, a malthouse, quarries, mines, China Clay works, clay pits and woods. In the 1900s a cattle market, electricity works, allotment gardens, a brewery, reservoir and a sawmill were present. In the 1930s allotment gardens, mica works, schools, a hospital and a football ground were added. A timber yard, depots, garages, car parks, a bakery, warehouses, electricity substations, a gasholder station and a school were added in the 1960s. In the 1970s disused tips and a reservoir are present. Depots are added in the 1980s. Colleges are added in the 1990s. There have been no significant changes since the 1990s.



2.6 Geological Setting

Table 2.2: Overview of the geological setting

Geology	
Reference has been made to the Published Geology (BGS sheet 347, Bodmin, 1:50,000), as well as the BGS online map viewer.	
Superficial Geology	The geological map shows superficial deposits of Alluvium to be present on site. Formed between 11.8 thousand years ago and the present during the Quaternary period.
Bedrock Geology	The geological map indicates that the site is underlain by the Trendrean Mudstone Formation of Devonian age formed between 419.2 and 358.9 million years ago.



2.7 Environmental Setting

2.7.1 The table below outlines the key environmental settings relating to the site.

Table 2.3: Overview of the environmental setting

Surface Water	
Culverts	No culverts are present within 500m of the site.
Inland Rivers Not Influenced by Tidal Action and Surface Water Features	There are 11 Inland rivers not influenced by tidal action present within 500m of the proposed development: On site, 3m NE, 6m E, 24m E, 67m N, 83m N, 113m N, 300m SE, 303m SE, 328m SE, 451m NE
	The nearest surface water feature is present on site.
Tidal Rivers or Streams	There are no tidal rivers or streams within 500m.
Surface Water Abstractions	There is 1 active surface water abstraction licence within 500m of the planned development: 77m SE
Monitoring	There is no biological monitoring data within 500m of the site. No chemical monitoring data has been recorded within 500m of the site.
Hydrology and Hydrogeology	
The environmental data suggests that the Superficial Alluvium and Trendrean Mudstone formation are designated as Secondary Unproductive Strata.	
The groundwater vulnerability on site is categorised as 'High' productive bedrock aquifer with well-connected fractures.	
There are no Source Protection Zones within 500m of the site.	
There are groundwater flooding susceptibility areas within 50m of the proposed development. The highest susceptibility to groundwater flooding has been classified as 'Potential at surface.'	
The local topography suggests that the flow of groundwater will be to the south east.	
There are no active groundwater abstraction licences within 500m of the site.	
Radon	
The property is in a Radon Affected Area, as greater than 30% of properties are above the action level.	
Background Estimated Soil Chemistry	
<ul style="list-style-type: none"> - Arsenic: 15 – 25 mg/kg - Cadmium: <1.8 mg/kg - Chromium: 40 - 60 mg/kg - Lead: <100 mg/kg - Nickel: 15 - 30 mg/kg 	



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Sensitive Land Uses	
Environmental	<p>No National Nature Reserves, Local Nature Reserve, Ancient Woodland, Special Area of Conservation, Sites of Special Scientific Interest (SSSI), Special Protection Areas, Ramsar Sites, World Heritage Sites, Areas of Outstanding Natural Beauty or Environmentally Sensitive Areas are within 2000m of the site.</p> <p>The proposed development is not within an existing Nitrate Vulnerable Zone (NVZ).</p>
Ecological	<p>No invasive species were noted in or around the immediate surroundings of the site during the site walkover.</p> <p>There are no known species or habitats of importance subject to legal protection.</p>
Archaeological	<p>There are no archaeologically significant features in or around the immediate surroundings of the site.</p>
Other Environmental Information	
Contaminated Land	<p>No sites determined as Contaminated Land under Part 2A EPA 1990 are situated within 500m of the site.</p> <p>There are no Environment Agency landfill sites within 500m.</p> <p>There are no Environment Agency historic landfill sites within 500m.</p>
Waste	<p>There are 2 active discharge consent licences granted within 500m of the site: 229m SE, 324m N</p> <p>There are no Red List Discharge Consent licences within 500m of the site.</p>
Pollution Incidents	<p>There are 7 recorded pollution incidents within 250m of the proposed development:</p> <ul style="list-style-type: none"> 97m SE - Miscellaneous – Category 3 (Minor) 137m SE – Fire Fighting Run Off – Category 3 (Minor) 152m N – Crude Sewage – Category 3 (Minor) 157m N – Surface Water – Category 3 (Minor) 196m NW – Unknown – Category 3 (Minor) 237m SE – Rubble – Category 3 (Minor) 241m SE – Construction Materials – Category 3 (Minor)
Flooding	<p>The site possesses a low-medium risk of flooding from surface water.</p> <p>The site is within 250m of a Zone 2 or Zone 3 Floodplain area: Zone 2 & 3: Adjacent to site to the North</p>
Industrial Land Uses	<p>There are 2 current potentially contaminative activities within 250m of the proposed development: Tyre Dealers – 47m NE, 97m SE</p>



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	<p>There are 11 historic potentially contaminative uses within 500 m of the site:</p> <p>Garages – 97m SE, 268m SE, 319m NE, 499m SE</p> <p>Printers – 265m E, 296m E, 439m E, 441m E</p> <p>Corn mill - 65m SE</p> <p>Smithy - 236m E</p> <p>Foundry - 315m SE</p>
Unexploded Ordnance (UXO)	<p>The risk to the site and its surroundings from the presence of UXO is low (see Appendix D).</p>
Archival Metalliferous Mining Search	<p>A documentary mine search has been compiled for this property. The mine search is contained as Appendix E.</p> <p>Ref: MS39256 completed by Wheal Jane Consultancy in October 2020. The search concluded that the site is at a low risk from historic mining and no further work is required.</p>
Adjacent Planning Applications	<p>There are no relevant nearby planning applications.</p>



3 PRELIMINARY CONCEPTUAL MODEL

3.1 Introduction

3.1.1 The Assessment of risk is based upon the principal of the pollutant linkage, which is described in more detail below. This assessment seeks to identify plausible pollutant linkages associated with the proposed development. Once this has been done, the resultant risk is determined based on the probability and the possible consequence of the pollutant linkages being present. As such, this qualitative risk assessment has been undertaken in accordance guidance published in CIRIA C552.

3.1.2 A summary of the CIRIA C552 risk classification matrix is presented below;

Table 3.1: Risk Classification Matrix

Taken from CIRIA C552		Risk Classification Matrix			
		Consequence			
		Severe	Medium	Mild	Minor
Probability	High Likelihood	Very High	High	Moderate	Moderate / Low
	Likely	High	Moderate	Moderate / Low	Low
	Low Likelihood	Moderate	Moderate / Low	Low	Very Low
	Unlikely	Moderate / Low	Low	Very Low	Very Low

3.2 Preliminary Conceptual Site Model

3.2.1 This conceptual site model has been undertaken with due regard to guidance provided in BS10175:2011 and CLR11. The assessment of risk from land contamination also pays due regard to the definition of contaminated land, as defined within Part 2A of the Environment Protection Act 1990. This legislation defines contaminated land as any land that is in such a condition that by reason of substances in, on or under the land:

- Significant harm is being caused or there is a significant possibility of such harm being caused; or
- Pollution of controlled water is being, or is likely to be, caused.



3.2.2 This definition is based on the principles of risk assessment defined as a combination of the probability (or frequency) of occurrence of a defined hazard and the magnitude (including the seriousness) of the consequences. Central to the risk assessment process is the concept of pollutant linkage, which is a linkage between a contaminant and a receptor by means of a pathway.

Table 3.2. Summary of statutory definitions relating to pollution linkage.

Statutory definitions relating to pollution linkage.	
Contaminant	"a substance which is in, on or under the land and which has the potential to cause harm or to cause pollution of controlled waters."
Receptor	"a living organism, a group of living organisms, and ecological system or a piece of property" which meets given criteria. "controlled waters which are, or could be, polluted by a contaminant".
Pathway	"one or more routes or means by, or through, which a receptor: <ul style="list-style-type: none"> • is being exposed to, or affected by, a contaminant, or • could be so exposed or affected".

3.2.3 Without the presence of all three components, there is no linkage and therefore no risk. The relationship between these components is discussed below in order to identify the existence of any source-pathway-receptor linkage on the site, and hence the potential risks associated with any contamination.

Table 3.3: Identified Sources, Pathways and Receptors

Source – Pathway – Receptor Overview	
Contaminant sources	<i>Natural geology</i>
	<i>Tyre Dealers</i>
	<i>Garages</i>
	<i>Corn mill</i>
	<i>Smithy</i>
	<i>Foundry</i>
Pathways	<i>Inhalation of dust and vapours</i>
	<i>Dermal contact</i>
	<i>Ingestion</i>



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	<i>Ingress into buildings</i>
	<i>Ground and surface waters</i>
	<i>Future site users</i>
Receptors	<i>Site workers</i>
	<i>Flora & Fauna</i>

- 3.2.4 From this table, the Conceptual Site Model can be derived. It outlines the critical pollutant linkages of concern for a particular land contamination problem. The development of the CSM is a primary planning tool that's used to organise information about the site and support the decision-making process in managing potentially contaminated sites. The matrix below makes up the initial CSM based on the data and information collated during the desk study and site walkover.



3.3 Preliminary Conceptual Site Model Matrix

Table 3.4: Preliminary Conceptual Model Matrix

Preliminary Conceptual Model							
	Source(s)	Contaminant(s)	Pathway(s)	Receptor(s)	Probability	Consequence	Risk Assessment
On Site	Natural Geology	Radon gas	Ingress into proposed buildings	Future site users	High Likelihood	Medium	High Risk – Development is within an area where greater than 30% of properties are above the action level.
	Tyre Dealers	Total Petroleum Hydrocarbons (TPH) Polycyclic Aromatic Hydrocarbons (PAH) Lubricants	Dermal contact Soil and dust ingestion and inhalation Ground & surface waters	Future site users Site workers Site flora and fauna	Unlikely	Medium	Low Risk – Tyre dealers are located 47m NE. A contamination pathway is unlikely due to the local topography.
Off Site	Foundry	Total Petroleum Hydrocarbons (TPH) Polycyclic Aromatic Hydrocarbons (PAH) Heavy Metals	Dermal contact Soil and dust ingestion and inhalation Ground & surface waters	Future site users Site workers Site flora and fauna	Unlikely	Medium	Low Risk – A foundry was located 315m SE. Due to the distance from the site and the local topography a contamination pathway is unlikely.
	Smithy	Total Petroleum Hydrocarbons (TPH) Polycyclic Aromatic Hydrocarbons (PAH)	Dermal contact Soil and dust ingestion and inhalation Ground & surface waters	Future site users Site workers Site flora and fauna	Unlikely	Medium	Low Risk – A smithy was located 236m E. Due to the distance from the site and the local topography a contamination pathway is unlikely.



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Corn mill	Total Petroleum Hydrocarbons (TPH) Polycyclic Aromatic Hydrocarbons (PAH)	Dermal contact Soil and dust ingestion and inhalation Ground & surface waters	Future site users Site workers Site flora and fauna	Unlikely	Medium	Low Risk – A corn mill was located 65m SE. Due to the local topography a contamination pathway is unlikely to be present.
Garages	Total Petroleum Hydrocarbons (TPH) Polycyclic Aromatic Hydrocarbons (PAH)	Dermal contact Soil and dust ingestion and inhalation Ground & surface waters	Future site users Site workers Site flora and fauna	Unlikely	Medium	Low Risk – Garages are located from 97m SE. Due to the local topography a contamination pathway is unlikely to be present.



4 GEOTECHNICAL RISK ASSESSMENT

4.1 Introduction

- 4.1.1 This risk assessment has been undertaken with due regard to the advice relating to ground instability as provided in the Department of the Environment (Welsh Offices) Planning Policy Guidance (no. 14) for "Development on Unstable Land". The guidance discusses the causes of Unstable Land and defines them as falling into one of three categories:
- i. The effects of underground cavities; these may be of natural origin or due to mining or to civil engineering works;
 - ii. Unstable slopes; these may be natural, in both coastal and inland situations; or man-made, whether excavated, as in quarries or cuttings, or constructed, as in tips and embankments;
 - iii. Ground compression; this may be of natural origin due to peat, alluvial, estuarine or marine soils; or due to human activities, e.g. made ground, landfill or restored opencast mines; and ground subject to movement due to shrinking and swelling clays.
- 4.1.2 While in all cases instability may arise whether or not there is any development on the surface, it is important to recognise that the development itself or the intensification of development may be the triggering factor, which initiates instability problems.
- 4.1.3 The risks posed by each type of unstable ground are discussed based upon the proposed redevelopment of the site for dwellings. Table 5 below outlines the key findings.

Table 4.1: Overview of the risks posed by unstable ground

Underground Cavities

The property is situated at a distance from a former mining area, there are no historic features within 500m.

Unstable Slopes

The site is gently sloping; the risk from unstable slopes is low.

British Geological Survey Data

Information relating to potential ground instability issues at this site has been collected from the BGS digital and hard-copy mapping. Below is the summarised information.



Natural Hazard Findings	
Hazard	Risk Classification
Shrink – Swell Clays	Very Low - Ground conditions predominantly low-plastic. No special actions required to avoid problems due to shrink-swell clays. No special ground investigation required, and increased construction costs or increased financial risks are unlikely likely due to potential problems with shrink-swell clays.
Landslides	Low - Slope instability problems are unlikely to be present. No special actions required to avoid problems due to landslides. No special ground investigation required and increased construction costs or increased financial risks are unlikely due to potential problems with landslides.
Soluble Rocks	Negligible - Soluble rocks are present, but unlikely to cause problems except under exceptional conditions. No special actions required to avoid problems due to soluble rocks. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with soluble rocks.
Compressible Deposits	Moderate - Possibility for compressible deposits identified. Identification of the thickness of superficial deposits is required to avoid problems due to compressible deposits. A special ground investigation may be required, and increased construction costs or increased financial risks are possible due to potential problems with compressible deposits.
Collapsible Deposits	Negligible - Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.
Running Sand	Low - No indicators for running sand identified. No special actions required to avoid problems due to running sand. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with running sand.

4.2 Groundwater

- 4.2.1 It is unlikely that groundwater will be shallow in this area. It is anticipated that groundwater will flow to the south east.



5 CONCLUSIONS AND RECOMMENDATIONS

5.1 Anticipated Ground Conditions

- 5.1.1 The anticipated ground conditions are based on the geological information available at the time of writing this report, as well as an evaluation of existing structures on site and their potential associated Made Ground.
- 5.1.2 It is anticipated that the site is underlain by up to 0.50m of TOPSOIL in the north and west of the site with gravel present around the existing sheds and access.
- 5.1.3 It is also considered likely that material described as MADE GROUND will be present around and beneath the existing structures. This material may be granular or cohesive and will likely contain anthropogenic components of brick and concrete.
- 5.1.4 Any TOPSOIL, Gravel and/or MADE GROUND will be underlain by clayey sandy GRAVEL belonging to the Trendrean Mudstone Formation. Superficial deposits of alluvium are also likely to be present on site.

5.2 Geotechnical Considerations

- 5.2.1 Any Made Ground encountered on site will not suffice as a suitable bearing, therefore shallow foundations should be placed in the underlying natural material.
- 5.2.2 Conventional strip foundations may be viable at this site; however, a site investigation will be required to confirm this. It would also be considered prudent to carry out soakaway testing in accordance with BRE 365 to assess the sites suitability for conventional drainage.
- 5.2.3 As mapping indicates that superficial alluvium is present on site it would be highly recommended to commission a geotechnical investigation to confirm ground conditions prior to works commencing on site.

5.3 Conclusions

- 5.3.1 Development is within an area where greater than 30% of properties are above the action level for Radon.
- 5.3.2 Tyre dealers are located 47m NE. A contamination pathway is unlikely due to the local topography.
- 5.3.3 A foundry was located 315m SE. Due to the distance from the site and the local topography a contamination pathway is unlikely.
- 5.3.4 A smithy was located 236m E. Due to the distance from the site and the local topography a contamination pathway is unlikely.
- 5.3.5 A corn mill was located 65m SE. Due to the local topography a contamination pathway is unlikely to be present.



- 5.3.6 Garages are located from 97m SE. Due to the local topography a contamination pathway is unlikely to be present.
- 5.3.7 In the absence of a significant source of contamination, it can be concluded that this site is suitable for its intended future use and that no further investigation will be required.

5.4 Recommendations

- 5.4.1 As mapping indicates that superficial alluvium is present on site it would be highly recommended to commission a geotechnical investigation to confirm ground conditions prior to works commencing on site.
- 5.4.2 Full radon protective measures are required for the proposed development in-line with BRE guidelines.
- 5.4.3 In the event unexpected contamination is found during development, work should cease until the material can be identified and remediated appropriately.
- 5.4.4 All site workers should be equipped with the correct PPE and have undertaken suitable risk assessments, job safety and environmental analysis before work commences.
- 5.4.5 Waste material to be removed from site should be handled by a suitably licensed waste contractor.



6 REFERENCES

- 6.1.1 BSI (2011) BS 10175:2011 +a1:2013 Investigation of Potentially Contaminated Sites – Code of Practice. London, British Standards Institution
- 6.1.2 Building Research Establishment (BRE) (2007) BR211 - Radon: Guidance on Protective Measures for New Buildings. Watford, BRE
- 6.1.3 CIRIA (2001) CIRIA C552 - Contaminated land risk assessment: A guide to good practice. London, CIRIA
- 6.1.4 CIRIA (2007) CIRIA C665 – Assessing Risks Posed by Hazardous Ground Gases to Buildings. London, CIRIA
- 6.1.5 Contaminated Land: Applications in Real Environments (CL:AIRE), Association of Geotechnical and Geo-environmental Specialists (AGS) and The Environmental Industries Commission (EIC) (2010) *Soil Generic Assessment Criteria for Human Health Risk Assessment*. London, CL:AIRE
- 6.1.6 Department of Communities and Local Government (2012) *National Planning Policy Framework*. London, DCLG
- 6.1.7 Environment Agency (2004) Contaminated Land Report 11 - Model Procedures for the Management of Land Contamination. Bristol, Environment Agency
- 6.1.8 Environment Agency (2005) Guidance on Assessing the Risk Posed by Land Contamination and Its Remediation on Archaeological Resource Management. Bristol, EA
- 6.1.9 Great Britain. *Environmental Protection Act (1990)*. London, The Stationery Office
- 6.1.10 Great Britain. Environmental Damage (Prevention and Remediation) Regulations (2009). London, The Stationery Office
- 6.1.11 Great Britain. *Water Act (2003)*. London, The Stationery Office
- 6.1.12 Great Britain. The Water Framework Directive (Standards and Classification) Directions (England and Wales) (2015). London, The Stationery Office
- 6.1.13 Land Quality Press (2015) *The LQM/CIEH Suitable 4 Use Levels for Human Health Risk Assessment (2nd Edition)*. Nottingham, Land Quality Press
- 6.1.14 National House Building Council (NHBC), Environment Agency and Chartered Institute of Environmental Health (CIEH) (2008) *Research & Development Publication 66: Guidance for the Safe Development of Housing on Land Affected by Contamination*. Amersham, NHBC
- 6.1.15 Royal Institution of Chartered Surveyors (RICS) (2012) *Japanese Knotweed and Residential Property*. Coventry, RICS

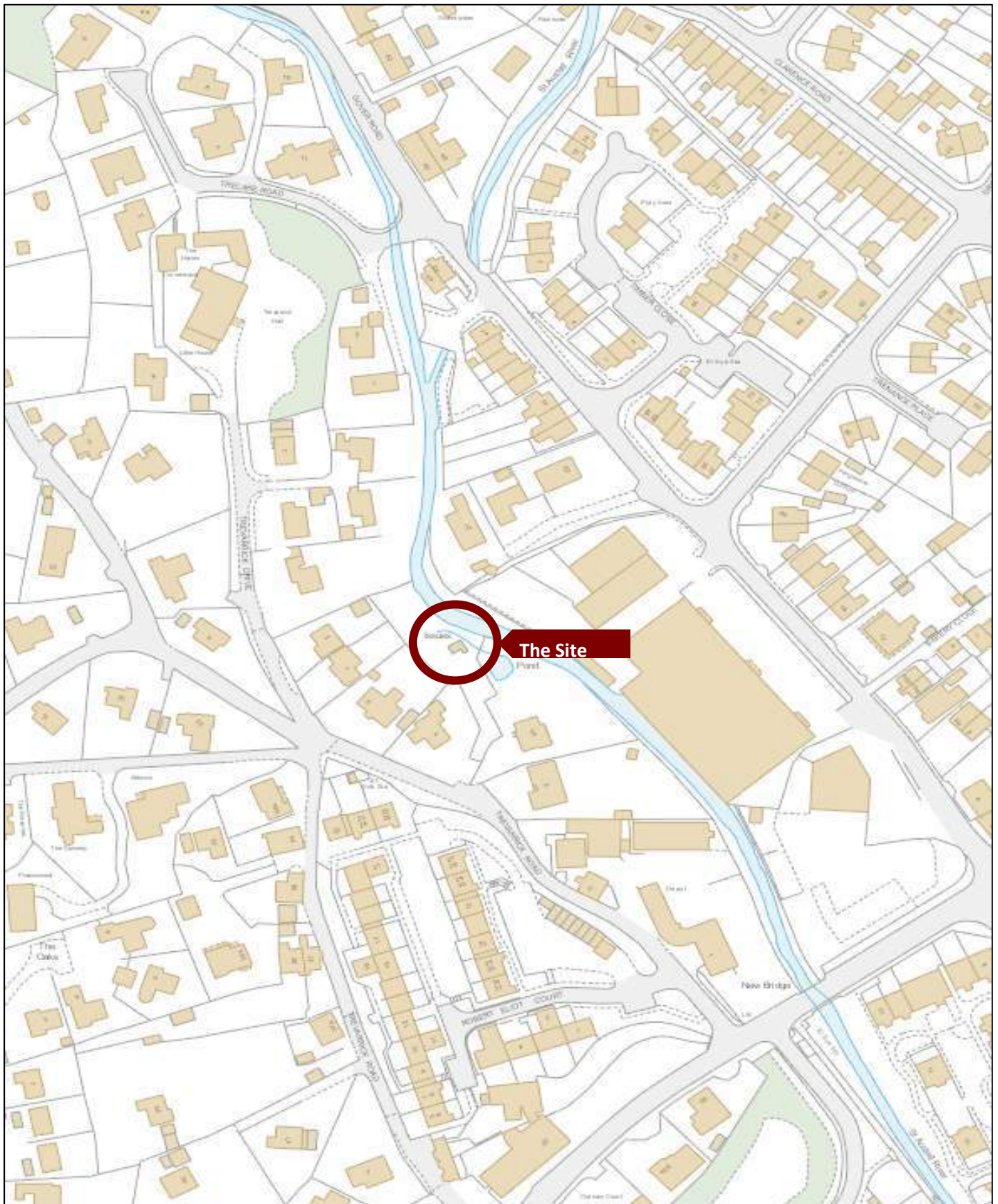


7 NOTES

- *This report is concerned solely with the property, as defined by this report, or parts thereof examined.*
- *The report should not be used in connection with adjacent properties.*
- *The information in the Groundsure EnviroInsight and GeoInsight reports, which have been used in compiling this Phase 1 Desk Study report, is derived from a number of statutory and non-statutory sources. While every effort is made by the supplier to ensure accuracy, the supplier cannot guarantee the accuracy or completeness of such information or data, nor to identify all the factors that may be relevant.*
- *The conclusions and recommendations relate to the type and extent of development outlined in this report for this specific property only and should not be taken as suitable for any other form or extent of development on this property without further consultation with Wheel Jane Consultancy.*
- *This report is confidential to the client, the client's legal and professional advisors, and may not be reproduced or distributed without our permission other than to directly facilitate the sale or development of the property concerned.*
- *We have no liability toward any person not party to commissioning this report.*
- *Unless otherwise expressly stated, nothing in this report shall create or confer any rights or other benefits pursuant to the Contracts (Rights of Third Parties) Act 1999 in favour of any person other than the person commissioning this report.*
- *This report is not an asbestos inspection that may fall within the control of Control of Asbestos Regulations 2006.*



FIGURES:



Title: **Site Location Plan**

Project: **Land to rear of 4 Trevarrick Road**

Client: **Mr A Phillimore**

Report Title: **Phase 1 Preliminary Risk Assessment**

Date: **09/11/2020**

Ref: **20352**

Figure: **2.1**





Legend:



Title:

Current Site Layout

Project:

Land to rear of 4 Trevarrick Road

20352

Client:

Mr A Phillimore

Date: 09/11/2020

Scale: NTS

Drawn by: BH

Revision: A

Figure: 2.2



APPENDICES:

- A. *Site Photographs*
- B. *Environmental Data*
- C. *Historical Maps*
- D. *UXO Risk Map*



APPENDIX A

Site Photographs



Title: Land to rear of 4
Trevarrick Road

Client: Mr A Phillimore

Report Title: Phase 1 Preliminary Risk
Assessment

Date: November 2020

Ref:20352

Appendix: A





Title: Land to rear of 4
Trevarrick Road

Client: Mr A Phillimore

Report Title: Phase 1 Preliminary Risk
Assessment

Date: November 2020

Ref:20352

Appendix: A





Title: Land to rear of 4
Trevarrick Road

Client: Mr A Phillimore

Report Title: Phase 1 Preliminary Risk
Assessment

Date: November 2020

Ref:20352



Appendix: A



APPENDIX B

Environmental Data

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

263987560_1_1

Customer Reference:

20352

National Grid Reference:

200740, 52510

Slice:

A

Site Area (Ha):

0.08

Search Buffer (m):

1000

Site Details:

Land to the rear of 4 & 5, Trevarrick Road

ST. AUSTELL

PL25 5JN

Client Details:

Mr D Jobson

Wheal Jane Consultancy

Old Mine

Wheal Jane Mine

Baldhu

Truro

Cornwall

TR3 6EE

Prepared For:

TR3 6EE

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	21
Hazardous Substances	-
Geological	23
Industrial Land Use	29
Sensitive Land Use	-
Data Currency	39
Data Suppliers	44
Useful Contacts	45

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.

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Report Version v53.0

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 1		1	1	11
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	pg 4			1	3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature		Yes			
Pollution Incidents to Controlled Waters	pg 5		7	1	10
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 8		4		
River Quality Biology Sampling Points	pg 9		2		
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 9		1		8 (*11)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 14	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 14	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 14	Yes	n/a	n/a	n/a
Source Protection Zones	pg 15				2
Extreme Flooding from Rivers or Sea without Defences	pg 15	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 15	Yes	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 15	1	7	9	31

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	pg 21				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 21	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 21			1	9
Potentially Infilled Land (Water)	pg 21	1	2	2	4
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					

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 23	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 23	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 25			3	4
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability	pg 26	Yes	n/a	n/a	n/a
Man-Made Mining Cavities	pg 27				2
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 27	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 27		Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 27	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 27	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 27	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 28	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 28	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 28	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 29		4	23	24
Fuel Station Entries	pg 33				2
Points of Interest - Commercial Services	pg 33		2	6	7
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 34			1	23
Points of Interest - Public Infrastructure	pg 36				17
Points of Interest - Recreational and Environmental	pg 38		4		
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
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: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NW)	0	1	200736 52515
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	0	1	200750 52515
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	55	1	200736 52600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	61	1	200700 52600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	157	1	200700 52700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	219	1	200650 52750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	239	1	200600 52750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (N)	266	1	200650 52800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	307	1	200550 52800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	336	1	200500 52800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	478	1	200350 52850
1	Discharge Consents Operator: Technical Officer Property Type: Not Given Location: Farnings Plant , Maintenance Work-Shops, Bridge Road, ST AUSTELL, Cornwall Authority: Environment Agency, South West Region Catchment Area: St. Austell, Cornwall Reference: NRA-SW-2419/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 5th December 1990 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: St Austell River, Licence Status: Lapsed, Revoked Or Cancelled Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	229	2	200910 52320
2	Discharge Consents Operator: Camel Developments Ltd Property Type: Wooden Containers Location: Land Off Grove Road Tre, Nance , ST AUSTELL Authority: Environment Agency, South West Region Catchment Area: St. Austell, Cornwall Reference: NRA-SW-2822/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 23rd May 1991 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: St Austell River, Licence Status: Lapsed, Revoked Or Cancelled Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NE (N)	324	2	200860 52840

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Mr A Bevitt Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: The Barn Little Gover Farm, Gover Road, St Austell, Cornwall, PL25 5ra Authority: Environment Agency, South West Region Catchment Area: St. Austell, Cornwall Reference: Nra-Sw-7646 Permit Version: 1 Effective Date: 20th November 1995 Issued Date: 20th November 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	622	2	200180 52860
4	<p>Discharge Consents</p> <p>Operator: South West Water Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Woodside St Austell Ps, St Austell, Cornwall Authority: Environment Agency, South West Region Catchment Area: St. Austell, Cornwall Reference: Nra-Sw-1701 Permit Version: 1 Effective Date: 30th October 1989 Issued Date: 30th October 1989 Revocation Date: 1st October 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Gover Stream Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	634	2	200100 52700
5	<p>Discharge Consents</p> <p>Operator: Pondhu J & I School Property Type: Not Given Location: Pondhu J & I School, Land Adj Restormel Borough Council, Penwinnick Road, ST AUSTELL, Cornwall Authority: Environment Agency, South West Region Catchment Area: St. Austell, Cornwall Reference: NRA-SW-2490/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 9th January 1991 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: St Austell White River, Licence Status: Lapsed, Revoked Or Cancelled Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	660	2	201200 52000
6	<p>Discharge Consents</p> <p>Operator: St Austell Brewery Co Limited Property Type: MAKING OF BEVERAGES/BREWERIES/SOFT DRINKS Location: Brewery At Trevarthian Road, St Austell, Cornwall, PL25 4by Authority: Environment Agency, South West Region Catchment Area: St. Austell, Cornwall Reference: 301364 Permit Version: 1 Effective Date: 11th August 2000 Issued Date: 22nd August 2000 Revocation Date: 31st May 2012 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: St Austell River Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	664	2	201120 53080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: St Austell Brewery Co Ltd Property Type: MAKING OF BEVERAGES/BREWERIES/SOFT DRINKS Location: Brewery At Trevarthian Road, St Austell, Cornwall, PL25 4by Authority: Environment Agency, South West Region Catchment Area: St. Austell, Cornwall Reference: 034496/Tr/01 Permit Version: 1 Effective Date: 1st October 1996 Issued Date: 1st July 1996 Revocation Date: 11th August 2000 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: St Austell River Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	664	2	201120 53080
7	<p>Discharge Consents</p> <p>Operator: Mr R Gay Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Stables Barn, Trenance Hill, St Austell, Cornwall Authority: Environment Agency, South West Region Catchment Area: St. Austell, Cornwall Reference: Nra-Sw-6118 Permit Version: 1 Effective Date: 1st April 1994 Issued Date: 8th October 1993 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	732	2	200470 53230
7	<p>Discharge Consents</p> <p>Operator: Mr B A A'Lee Property Type: Domestic Property (Single) Location: Stables Barn, Trenance Hill, St Austell, Cornwall Authority: Environment Agency, South West Region Catchment Area: St. Austell, Cornwall Reference: Nra-Sw-6118 Permit Version: 1 Effective Date: 1st April 1994 Issued Date: 8th October 1993 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Unknown Environment: Receiving Water: Not Supplied Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	732	2	200470 53230
8	<p>Discharge Consents</p> <p>Operator: Ecc Construction Ltd Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Plot 1 Trembear Road Turnavean Road, Gover, St Austell, Cornwall Authority: Environment Agency, South West Region Catchment Area: St. Austell, Cornwall Reference: Nra-Sw-3533 Permit Version: 1 Effective Date: 14th February 1992 Issued Date: 14th February 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	745	2	200120 52990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Discharge Consents</p> <p>Operator: Ecc Construction Ltd Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Plot 2 Trembear Road Turnavean Road, Gover, St Austell, Cornwall Authority: Environment Agency, South West Region Catchment Area: St. Austell, Cornwall Reference: Nra-Sw-3534 Permit Version: 1 Effective Date: 14th February 1992 Issued Date: 14th February 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	769	2	200090 52990
9	<p>Discharge Consents</p> <p>Operator: Ecc Construction Ltd Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Plot 3 Trembear Road Turnavean Park, Gover, St Austell, Cornwall Authority: Environment Agency, South West Region Catchment Area: St. Austell, Cornwall Reference: Nra-Sw-3535 Permit Version: 1 Effective Date: 14th February 1992 Issued Date: 14th February 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	802	2	200050 52990
9	<p>Discharge Consents</p> <p>Operator: Ecc Construction Ltd Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 4 Trembear Road Turnavean Park, Gover, St Austell, Cornwall Authority: Environment Agency, South West Region Catchment Area: St. Austell, Cornwall Reference: Nra-Sw-3536 Permit Version: 1 Effective Date: 14th February 1992 Issued Date: 14th February 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	835	2	200010 52990
10	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Crystal Dry Cleaners Location: 25 Trinity Street, St Austell, Cornwall, PL25 5LS Authority: Cornwall Council, Environmental Health Department Permit Reference: 150124 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A14SW (E)	440	3	201186 52400
11	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Somerfield Plc Location: Penwinnick Road, ST. AUSTELL, Cornwall, PL25 5DP Authority: Cornwall Council, Environmental Health Department Permit Reference: R013 Dated: 14th December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	673	3	201223 52005

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: East Hill Garage Location: Garage, ST. AUSTELL, Cornwall, PL25 4TS Authority: Cornwall Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A14SE (E)	854	3	201600 52366
13	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Johnson Cleaners Location: Pentewan Park, Pentewan Road, St Austell, PL25 5bu Authority: Cornwall Council, Environmental Health Department Permit Reference: 151383 Dated: 3rd February 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	874	3	201400 51900
	<p>Nearest Surface Water Feature</p>	A13NE (NE)	0	-	200743 52525
14	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial: Other Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Surface Water Note: Miscellaneous/Other Pollution Type Incident Date: 3rd April 1994 Incident Reference: 62015093 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	97	2	200800 52400
15	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Domestic & Residential: Private Dwellings Location: Truro Road, ST AUSTELL, Cornwall Authority: Environment Agency, South West Region Pollutant: Contaminated Material : Fire Fighting Run Off Note: Not Supplied Incident Date: 20th April 1999 Incident Reference: 35973 Catchment Area: St. Austell, Cornwall Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Manually positioned to the road within the address or location</p>	A13SE (SE)	137	2	200862 52405
16	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Sewerage Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Crude Sewage Note: Poor/Inadequate Maintenance Incident Date: 23rd August 1994 Incident Reference: 62015741 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NW (N)	152	2	200700 52695
16	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: China Clay Tips Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Surface Water Note: Poor Operational Practise Incident Date: 23rd August 1994 Incident Reference: 62015740 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NW (N)	157	2	200700 52700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Unknown Note: Not Supplied Incident Date: 16th June 1994 Incident Reference: 62015408 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NW (NW)	196	2	200600 52700
18	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial: Other Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Rubble/Litter Or Solids Note: Poor Management Control Incident Date: 16th June 1992 Incident Reference: 62004561 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	237	2	200900 52300
18	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Landfill/Waste Disposal Site Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Construction Materials Note: Poor Operational Practise Incident Date: 2nd July 1992 Incident Reference: 62004570 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Deliberate Action Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	241	2	200900 52295
19	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Road (Road Traffic Accident) Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Construction Materials Note: Accidental Spillage/Leakage Incident Date: 5th June 1992 Incident Reference: 62004605 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	307	2	200960 52260
20	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Other Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Construction Materials Note: Poor Operational Practise Incident Date: 24th January 1992 Incident Reference: 62003436 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Inadequate Design/Capacity Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	586	2	200350 53000
21	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Public Highway Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Surface Water Note: Weather Incident Date: 13th September 1994 Incident Reference: 62015846 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Mechanical/Electrical Plant Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	664	2	201200 51995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: China Clay Tips Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Surface Water Note: Weather Incident Date: 30th May 1993 Incident Reference: 62010032 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	737	2	201200 51900
23	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Road Construction/Maintenance Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Unknown Note: Poor Operational Practise Incident Date: 31st March 1995 Incident Reference: 62009862 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A14SE (E)	769	2	201500 52300
24	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial: Other Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Rubble/Litter Or Solids Note: Accidental Spillage/Leakage Incident Date: 4th October 1995 Incident Reference: 62016250 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	816	2	201300 51880
24	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial: Other Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Rubble/Litter Or Solids Note: Accidental Spillage/Leakage Incident Date: 4th October 1995 Incident Reference: 62016401 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	820	2	201300 51875
25	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial: Other Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Poor Operational Practise Incident Date: 6th February 1995 Incident Reference: 62015293 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	832	2	200010 52985
26	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial: Other Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Animal Waste/Slurry Note: Miscellaneous/Other Pollution Type Incident Date: 5th May 1993 Incident Reference: 62005623 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Act Of God Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	837	2	201350 51900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Road (Road Traffic Accident) Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Oils - Waste Oil Note: Accidental Spillage/Leakage Incident Date: 5th October 1990 Incident Reference: 62003171 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Spillage Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A14SE (E)	866	2	201600 52300
28	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Farm Premises: Silage Stores Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Animal Waste/Slurry Note: Miscellaneous/Other Pollution Type Incident Date: 29th October 1992 Incident Reference: 62005200 Catchment Area: St. Austell, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A3NW (S)	993	2	200600 51500
	<p>River Quality</p> <p>Name: St. Austell R GQA Grade: River Quality B Reach: U/S Gover Strm-Below Pentewan Road Lab Estimated Distance (km): 1.3 Flow Rate: Flow less than 0.62 cumecs Flow Type: River Year: 2000</p>	A13NE (NE)	177	2	200888 52637
	<p>River Quality</p> <p>Name: Gover Strm GQA Grade: River Quality A Reach: Above St.Austell R-St.Austell Conf Estimated Distance (km): .1 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	A13NE (N)	192	2	200794 52726
	<p>River Quality</p> <p>Name: St. Austell R GQA Grade: River Quality B Reach: Lansalson Bridge-Above Gover Strm Estimated Distance (km): 2.4 Flow Rate: Flow less than 0.62 cumecs Flow Type: River Year: 2000</p>	A13NE (NE)	197	2	200822 52718
	<p>River Quality</p> <p>Name: Gover Strm GQA Grade: River Quality A Reach: Source-Above St. Austell R Estimated Distance (km): 3.4 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	A13NW (N)	226	2	200662 52762

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<p>River Quality Biology Sampling Points</p> <p>Name: St. Austell River Reach: Upstream Gover Stream-Below Pentewan Road Lab Estimated Distance: 1.30 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 1995 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2000 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2002 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2003 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2004 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2005 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2006 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2007 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2008 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2009 GQA Grade: River Quality Biology GQA Grade B - Good</p>	A13NE (N)	137	2	200750 52680
29	<p>River Quality Biology Sampling Points</p> <p>Name: Gover Stream Reach: Above St.Austell River To St.Austell Confluence Estimated Distance: 0.10 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 1995 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2000 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2002 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2003 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2004 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2005 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2006 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2007 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2008 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2009 GQA Grade: River Quality Biology GQA Grade B - Good</p>	A13NE (N)	137	2	200750 52680
30	<p>Water Abstractions</p> <p>Operator: Mr D Vicary Licence Number: 15/48/193/S/024 Permit Version: 100 Location: Household Appliance Centre Ltd - St. Austell River Authority: Environment Agency, South West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Household Appliance Centre Ltd, Gover Road, St Austell, Cornwall Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th July 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	77	2	200820 52450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	<p>Water Abstractions</p> <p>Operator: St Austell Brewery Co Ltd Licence Number: 15/48/193/G/010 Permit Version: 100 Location: St. Austell Brewery Co. Ltd. - Flooded Tin Mine Authority: Environment Agency, South West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: St. Austell Brewery Co. Ltd, Trevarthian Road, St Austell, Cornwall Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st December 1965 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	589	2	201100 53000
32	<p>Water Abstractions</p> <p>Operator: St Austell Brewery Co Ltd Licence Number: 15/48/193/G/010 Permit Version: 101 Location: Flooded Tin Mine At The Brake, St Austell, Cornwall Authority: Environment Agency, South West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: St. Austell Brewery Co. Ltd, Trevarthian Road, St Austell, Cornwall Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 28th July 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	650	2	201132 53053
32	<p>Water Abstractions</p> <p>Operator: St Austell Brewery Co Ltd Licence Number: 15/48/193/G/010 Permit Version: 101 Location: Flooded Tin Mine At The Brake, St Austell, Cornwall Authority: Environment Agency, South West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 28th July 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	650	2	201132 53053
33	<p>Water Abstractions</p> <p>Operator: Mr P A Moon Licence Number: 15/48/193/G/044 Permit Version: 100 Location: The Sycamores - Borehole Authority: Environment Agency, South West Region Abstraction: Commercial/Industrial/Public Services: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Sycamores, St. Austell. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st July 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A14SE (E)	745	2	201500 52500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	<p>Water Abstractions</p> <p>Operator: Mr P A Moon Licence Number: 15/48/193/G/044 Permit Version: 100 Location: The Sycamores - Borehole Authority: Environment Agency, South West Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Sycamores, St. Austell. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st July 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A14SE (E)	745	2	201500 52500
34	<p>Water Abstractions</p> <p>Operator: MR & MRS K A WILLIAMS Licence Number: 1548193G008 Permit Version: Not Supplied Location: Trenance Farm house, Trenance Downs, ST AUSTELL, Cornwall, PL25 5AP Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well Daily Rate (m3): 2.30 Yearly Rate (m3): 827.00 Details: Depth 5M Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A18NW (NW)	818	2	200400 53295
34	<p>Water Abstractions</p> <p>Operator: HAS BEEN ALLOCATED FOR Licence Number: 1548193G012 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, South West Region Abstraction: Private Water Supplies (Domestic) Abstraction Type: Not Supplied Source: Adit Daily Rate (m3): 454.60 Yearly Rate (m3): 1364.00 Details: Licences Set Up After 1965 But Now Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A18NW (NW)	822	2	200400 53300
35	<p>Water Abstractions</p> <p>Operator: Jeffreys Licence Number: 15/48/193/G/043 Permit Version: 100 Location: St. Austell Cattle Market, St. Austell - Borehole Authority: Environment Agency, South West Region Abstraction: Other Industrial/Commercial/Public Services: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: St Austell Cattle Market, St. Austell (As Shown Edged In Red On The Plan). Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th September 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A9SW (SE)	877	2	201300 51800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: St Austell Brewery Co Ltd Licence Number: 15/48/193/G/009 Permit Version: 100 Location: St. Austell Brewery Co. Ltd. - Deep Well Authority: Environment Agency, South West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: St. Austell Brewery Co. Ltd, Trevarthian Road, St Austell, Cornwall Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st December 1965 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A19SE (E)	1021	2	201700 52900
	<p>Water Abstractions</p> <p>Operator: AGRICULTURAL LICENCE BUT Licence Number: 1548193G028 Permit Version: Not Supplied Location: Little Trenance Farm, ST AUSTELL, Cornwall Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well Daily Rate (m3): 4.50 Yearly Rate (m3): 1659.00 Details: Poss Ref 12665600300012 Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	1045	2	200300 53500
	<p>Water Abstractions</p> <p>Operator: Mr R G Clemo Licence Number: 15/48/193/G/015 Permit Version: 100 Location: Menacuddle Farm, St. Austell - Borehole A Authority: Environment Agency, South West 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: Menacuddle Farm, St. Austell. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th August 1983 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A19NE (NE)	1152	2	201500 53400
	<p>Water Abstractions</p> <p>Operator: HAS BEEN ALLOCATED FOR Licence Number: 1548193S021 Permit Version: Not Supplied Location: China Clay Works, TRETOWAL Authority: Environment Agency, South West Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: River Daily Rate (m3): 11.30 Yearly Rate (m3): 4091.00 Details: St Austell (White) River Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SW (NE)	1201	2	201300 53600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: D J KING Licence Number: 1548193G020 Permit Version: Not Supplied Location: Chaun Vista, & Sunny Corner, ST AUSTELL Authority: Environment Agency, South West Region Abstraction: Private Water Supply (Holiday Recreation/Hotels Etc) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 9.10 Yearly Rate (m3): 3319.00 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A22NE (NW)	1579	2	200100 53995
	<p>Water Abstractions</p> <p>Operator: D J KING Licence Number: 1548193G020 Permit Version: Not Supplied Location: Chaun Vista, & Sunny Corner, ST AUSTELL Authority: Environment Agency, South West Region Abstraction: Private Water Supplies (Domestic) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 0.60 Yearly Rate (m3): 216.00 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A22NE (NW)	1584	2	200100 54000
	<p>Water Abstractions</p> <p>Operator: HAS BEEN ALLOCATED FOR Licence Number: 1548193G033 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, South West Region Abstraction: Private Water Supplies (Domestic) Abstraction Type: Not Supplied Source: Spring Daily Rate (m3): 681.90 Yearly Rate (m3): 248898.00 Details: Licences Set Up After 1965 But Now Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24NW (N)	1657	2	201300 54100
	<p>Water Abstractions</p> <p>Operator: HAS BEEN ALLOCATED FOR Licence Number: 1548193S022 Permit Version: Not Supplied Location: Works-Carne Stents China, Clay Co Ltd Authority: Environment Agency, South West Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: River Daily Rate (m3): 681.90 Yearly Rate (m3): 45461.00 Details: Gover River Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A21SE (NW)	1679	2	199500 53700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: HAS BEEN ALLOCATED FOR Licence Number: 1548193S016 Permit Version: Not Supplied Location: China Clay Works Of Aqueous Clay Co Authority: Environment Agency, South West Region Abstraction: Industrial Processing (Quarrying) Abstraction Type: Not Supplied Source: River Daily Rate (m3): 1963.90 Yearly Rate (m3): 714861.00 Details: Stream Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(W)	1819	2	198900 52400
	<p>Water Abstractions</p> <p>Operator: Aldi Stores Ltd Licence Number: 15/48/192/S/005 Permit Version: 102 Location: Cornish Ford, Slades Road, St. Austell - Charlestown Leat Authority: Environment Agency, South West Region Abstraction: Other Industrial/Commercial/Public Services: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Slades Road, St Austell, Cornwall PI25 4hp Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 7th April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(E)	1969	2	202700 52800
	<p>Water Abstractions</p> <p>Operator: People 2000 Ltd Licence Number: 15/48/192/S/005 Permit Version: 101 Location: Cornish Ford, Slades Road, St. Austell - Charlestown Leat Authority: Environment Agency, South West Region Abstraction: Other Industrial/Commercial/Public Services: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Slades Road, St Austell, Cornwall PI25 4hp Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd June 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(E)	1969	2	202700 52800
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: 40-70% Superficial: <90% Patchiness: Superficial Thickness: <3m Superficial: No Data Recharge:</p>	A13NE (NW)	0	4	200736 52515
	<p>Groundwater Vulnerability - Soluble Rock Risk</p> <p>None</p>				
	<p>Bedrock Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - A</p>	A13NE (NW)	0	4	200736 52515
	<p>Superficial Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - A</p>	A13NE (NW)	0	4	200736 52515

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A19SW (NE)	600	2	201103 53013
37	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A19SW (NE)	601	2	201094 53021
	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	A13NE (NE)	0	2	200744 52526
	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	A13SE (SE)	138	2	200854 52393
	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	A13NE (NE)	0	2	200743 52527
	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	A13NW (N)	126	2	200721 52671
	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	A13SE (SE)	138	2	200856 52394
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A13NE (NE)	0	5	200743 52525
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: St Austell River Catchment Name: Par, St Austell and Caerhays Primacy: 1	A13NE (NE)	3	5	200743 52532
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A13NE (E)	6	5	200754 52519
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 316.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: St Austell River Catchment Name: Par, St Austell and Caerhays Primacy: 1	A13NE (E)	24	5	200773 52518

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	<p>OS Water Network Lines</p> <p>Watercourse Form: Inland river Watercourse Length: 509.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gover Stream Catchment Name: Par, St Austell and Caerhays Primacy: 1</p>	A13NW (N)	67	5	200732 52612
43	<p>OS Water Network Lines</p> <p>Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: St Austell River Catchment Name: Par, St Austell and Caerhays Primacy: 1</p>	A13NW (N)	67	5	200732 52612
44	<p>OS Water Network Lines</p> <p>Watercourse Form: Inland river Watercourse Length: 30.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: St Austell River Catchment Name: Par, St Austell and Caerhays Primacy: 1</p>	A13NE (N)	83	5	200738 52627
45	<p>OS Water Network Lines</p> <p>Watercourse Form: Inland river Watercourse Length: 375.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: St Austell River Catchment Name: Par, St Austell and Caerhays Primacy: 1</p>	A13NE (N)	113	5	200747 52656
46	<p>OS Water Network Lines</p> <p>Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: St Austell River Catchment Name: Par, St Austell and Caerhays Primacy: 1</p>	A13SE (SE)	300	5	200951 52261
47	<p>OS Water Network Lines</p> <p>Watercourse Form: Inland river Watercourse Length: 26.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: St Austell River Catchment Name: Par, St Austell and Caerhays Primacy: 1</p>	A13SE (SE)	303	5	200954 52260
48	<p>OS Water Network Lines</p> <p>Watercourse Form: Inland river Watercourse Length: 10.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1</p>	A13SE (SE)	328	5	200977 52246
49	<p>OS Water Network Lines</p> <p>Watercourse Form: Inland river Watercourse Length: 328.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: St Austell River Catchment Name: Par, St Austell and Caerhays Primacy: 1</p>	A13SE (SE)	328	5	200977 52246
50	<p>OS Water Network Lines</p> <p>Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1</p>	A18SE (NE)	451	5	200979 52920

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 141.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: St Austell River Catchment Name: Par, St Austell and Caerhays Primacy: 1	A18SE (NE)	451	5	200979 52920
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gover Stream Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SE (NW)	500	5	200359 52893
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SE (NW)	500	5	200369 52903
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SE (NW)	500	5	200359 52893
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Gover Stream Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SE (NW)	510	5	200347 52894
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gover Stream Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SE (NW)	513	5	200343 52895
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SE (NW)	517	5	200308 52861
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: Underground Permanent: True Watercourse Name: Gover Stream Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SE (NW)	528	5	200325 52898
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 352.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gover Stream Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SE (NW)	531	5	200322 52899

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SE (NW)	564	5	200372 52988
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SE (NW)	572	5	200243 52864
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A18SW (NW)	587	5	200398 53035
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A9NW (SE)	588	5	201122 52028
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A18SE (NE)	588	5	201061 53028
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 524.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: St Austell River Catchment Name: Par, St Austell and Caerhays Primacy: 1	A18SE (NE)	588	5	201059 53030
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A19SW (NE)	627	5	201112 53040
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A18SW (NW)	638	5	200440 53116
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A9NW (SE)	650	5	201204 52019

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: St Austell River Catchment Name: Par, St Austell and Caerhays Primacy: 1	A9NW (SE)	650	5	201204 52019
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A9NW (SE)	688	5	201197 51959
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: St Austell River Catchment Name: Par, St Austell and Caerhays Primacy: 1	A9NW (SE)	690	5	201221 51979
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A9NW (SE)	695	5	201223 51975
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: St Austell River Catchment Name: Par, St Austell and Caerhays Primacy: 1	A9NW (SE)	695	5	201223 51975
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: St Austell River Catchment Name: Par, St Austell and Caerhays Primacy: 1	A9NW (SE)	698	5	201225 51972
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A19SW (NE)	708	5	201157 53107
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A19SW (NE)	708	5	201157 53107
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 304.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: St Austell River Catchment Name: Par, St Austell and Caerhays Primacy: 1	A9NW (SE)	743	5	201248 51932

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A19SW (NE)	767	5	201227 53127
79	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: Par, St Austell and Caerhays Primacy: 1	A17SW (NW)	836	5	199984 52947
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gover Stream Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SW (NW)	840	5	199986 52959
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 200.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SW (NW)	843	5	199976 52948
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SW (NW)	848	5	199977 52959
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gover Stream Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SW (NW)	848	5	199977 52959
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: Gover Stream Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SW (NW)	956	5	199874 52996
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gover Stream Catchment Name: Par, St Austell and Caerhays Primacy: 1	A17SW (NW)	959	5	199870 52996

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	Historical Landfill Sites Licence Holder: Not Supplied Location: St Austell, Cornwall Name: Trewiddle Quarry Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD30141 First Input Date: 31st December 1979 Last Input Date: 31st December 1981 Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 4/30	A7SE (SW)	801	2	200342 51791
	Local Authority Landfill Coverage Name: Restormel Borough Council - Has no landfill data to supply		0	6	200736 52515
	Local Authority Landfill Coverage Name: Cornwall County Council - Had landfill data but passed it to the relevant environment agency		0	7	200736 52515
87	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A12SE (SW)	395	-	200384 52321
88	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14NW (NE)	504	-	201145 52839
89	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A7NE (SW)	588	-	200266 52142
90	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SE (N)	591	-	200921 53104
91	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18NW (N)	744	-	200526 53261
92	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A7SE (SW)	801	-	200373 51773
93	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A7NW (SW)	819	-	199985 52166
94	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A17SW (NW)	840	-	199963 52916
95	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A9SW (SE)	899	-	201135 51670
96	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A12NW (W)	968	-	199747 52598
97	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A13NE (NE)	0	-	200738 52516
98	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A13SE (SE)	27	-	200778 52477

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A13NE (E)	221	-	200971 52545
100	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A13NE (NE)	335	-	201039 52694
101	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1889	A13NW (NW)	399	-	200441 52831
102	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A17SE (NW)	616	-	200193 52868
103	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A17SE (NW)	704	-	200111 52903
104	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A8SW (S)	743	-	200692 51741
105	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A19SE (NE)	913	-	201476 53078

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lower Devonian Rocks (Undifferentiated)	A13NE (NW)	0	1	200736 52515
	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 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NW)	0	1	200736 52515
	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	A13SW (W)	14	1	200711 52505
	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 (E)	198	1	200946 52557
	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: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12SE (SW)	421	1	200351 52326
	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: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A8NW (SW)	430	1	200521 52116
	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	A8NE (S)	482	1	200736 52000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 25 - 35 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A8NE (SE)	601	1	201000 51936
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 25 - 35 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A8NW (SW)	640	1	200426 51929
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 25 - 35 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7NE (SW)	784	1	200128 52000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 35 - 45 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A8SE (SE)	801	1	201064 51746
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 25 - 35 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A8SE (S)	804	1	201000 51719
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 25 - 35 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A17SW (NW)	877	1	199934 52942

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 25 - 35 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9NE (SE)	892	1	201500 52000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A12NW (W)	950	1	199788 52753
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 25 - 35 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A17SW (NW)	966	1	199888 53042
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A17SW (NW)	979	1	199875 53045
106	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Chipponds Quarry</p> <p>Location: St Austell, Cornwall</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Reference: 82606</p> <p>Type: Opencast</p> <p>Status: Ceased</p> <p>Operator: Cornwall County Council</p> <p>Operator Location: Not Supplied</p> <p>Periodic Type: Devonian</p> <p>Geology: Unnamed Igneous Intrusion, Devonian To Carboniferous</p> <p>Commodity: Igneous and Metamorphic Rock</p> <p>Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	471	1	200310 52297
107	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Trenance Wood</p> <p>Location: St Austell, Cornwall</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Reference: 82605</p> <p>Type: Opencast</p> <p>Status: Ceased</p> <p>Operator: Unknown Operator</p> <p>Operator Location: Not Supplied</p> <p>Periodic Type: Devonian</p> <p>Geology: Meadfoot Group</p> <p>Commodity: Slate</p> <p>Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	488	1	200917 52994

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Trenance Wood Location: St Austell, Cornwall Source: British Geological Survey, National Geoscience Information Service Reference: 82604 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Devonian Geology: Meadfoot Group Commodity: Slate Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NE)	494	1	201128 52844
109	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Trevarrick Quarry Location: St Mewan, St Austell, Cornwall Source: British Geological Survey, National Geoscience Information Service Reference: 82464 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Devonian and Carboniferous Geology: Unnamed Igneous Intrusion, Devonian To Carboniferous Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	596	1	200261 52135
110	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Hill'S Quarry Location: St Mewan, St Austell, Cornwall Source: British Geological Survey, National Geoscience Information Service Reference: 82463 Type: Opencast Status: Ceased Operator: Cornwall County Council Operator Location: Not Supplied Periodic Type: Devonian and Carboniferous Geology: Unnamed Igneous Intrusion, Devonian To Carboniferous Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	704	1	200107 52182
111	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Trehiddle Quarry Location: St Mewan, St Austell, Cornwall Source: British Geological Survey, National Geoscience Information Service Reference: 8817 Type: Opencast Status: Ceased Operator: Cornwall County Council Operator Location: Not Supplied Periodic Type: Devonian Geology: Trendrean Mudstone Formation Commodity: Slate Positional Accuracy: Located by supplier to within 10m</p>	A7SE (SW)	909	1	200330 51675
112	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Trenance China Clay Works Location: St Austell, St Austell, Cornwall Source: British Geological Survey, National Geoscience Information Service Reference: 82603 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous, Permian Geology: St Austell Intrusion (St Austell Granite) Commodity: China Clay Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	990	1	200436 53491
	<p>BGS Measured Urban Soil Chemistry</p> <p>No data available</p>				
	<p>BGS Urban Soil Chemistry Averages</p> <p>No data available</p>				
	<p>Coal Mining Affected Areas</p> <p>In an area that might not be affected by coal mining</p>				
	<p>Mining Instability</p> <p>Mining Evidence: Conclusive Metaliferous Mining Source: Ove Arup & Partners Boundary Quality: As Supplied</p>	A13NE (NW)	0	-	200736 52515

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Man-Made Mining Cavities Easting: 199800 Northing: 52800 Distance: 950 Quadrant Reference: A12 Quadrant Reference: NW Bearing Ref: W Cavity Type: Tin Mine-Details Unknown Commodity: Tin Solid Geology Detail: Meadfoot Beds, Felsite Superficial Geology No Details Detail:	A12NW (W)	950	8	199800 52800
	Man-Made Mining Cavities Easting: 201700 Northing: 52200 Distance: 989 Quadrant Reference: A14 Quadrant Reference: SE Bearing Ref: E Cavity Type: Unknown Mine Commodity: Unknown Solid Geology Detail: Meadfoot Beds Superficial Geology No Details Detail:	A14SE (E)	989	8	201700 52200
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	200736 52515
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	200736 52515
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	14	1	200711 52505
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	198	1	200946 52557
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	200736 52515
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	14	1	200711 52505
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	198	1	200946 52557
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	200736 52515
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	200736 52515
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	14	1	200711 52505
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	35	1	200691 52567
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	191	1	200942 52534
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	200736 52515
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	14	1	200711 52505

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Potential for Running Sand Ground Stability Hazards</p> <p>Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (E)	198	1	200946 52557
	<p>Potential for Shrinking or Swelling Clay Ground Stability Hazards</p> <p>Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (NW)	0	1	200736 52515
	<p>Potential for Shrinking or Swelling Clay Ground Stability Hazards</p> <p>Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service</p>	A13SW (W)	14	1	200711 52505
	<p>Potential for Shrinking or Swelling Clay Ground Stability Hazards</p> <p>Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (E)	198	1	200946 52557
	<p>Radon Potential - Radon Affected Areas</p> <p>Affected Area: The property is in a Higher probability radon area (more than 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (NW)	0	1	200736 52515
	<p>Radon Potential - Radon Protection Measures</p> <p>Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (NW)	0	1	200736 52515

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	<p>Contemporary Trade Directory Entries</p> <p>Name: Ats Euromaster Ltd Location: Gover Road, ST. AUSTELL, Cornwall, PL25 5NE Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	47	-	200794 52542
114	<p>Contemporary Trade Directory Entries</p> <p>Name: Gardiner Pole Systems Ltd Location: Trevarrick Mill, Trevarrick Road, St. Austell, PL25 5JN Classification: Cleaning Materials & Equipment Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	95	-	200819 52418
114	<p>Contemporary Trade Directory Entries</p> <p>Name: Hi-Q Tyres Location: 1, Trevarrick Road, St. Austell, Cornwall, PL25 5JL Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	97	-	200820 52417
114	<p>Contemporary Trade Directory Entries</p> <p>Name: Hi-Q Tyres Services Location: 1, Trevarrick Road, St. Austell, Cornwall, PL25 5JL Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	97	-	200820 52417
115	<p>Contemporary Trade Directory Entries</p> <p>Name: Robin Location: 31, Tewington Place, St. Austell, Cornwall, PL25 5NW Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	262	-	200920 52724
116	<p>Contemporary Trade Directory Entries</p> <p>Name: Francis Antony Ltd Location: Blowing House Hill, ST. AUSTELL, Cornwall, PL25 5AH Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (E)	265	-	200997 52620
116	<p>Contemporary Trade Directory Entries</p> <p>Name: Francis Antony Location: Blowing House Hill, St. Austell, Cornwall, PL25 5AH Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (E)	265	-	200997 52620
117	<p>Contemporary Trade Directory Entries</p> <p>Name: Bridge Road Motors Location: Bridge Road, St. Austell, Cornwall, PL25 5HE Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	268	-	200940 52296
118	<p>Contemporary Trade Directory Entries</p> <p>Name: Kwik Fit Location: West Hill, St. Austell, Cornwall, PL25 5EY Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	277	-	200995 52352
119	<p>Contemporary Trade Directory Entries</p> <p>Name: St Austell Printing Co Location: 39-41, Truro Road, St. Austell, Cornwall, PL25 5JE Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SE (E)	296	-	201051 52469
120	<p>Contemporary Trade Directory Entries</p> <p>Name: Trenance Garage Location: 11, Trenance Road, St. Austell, Cornwall, PL25 5AJ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	319	-	201028 52683
121	<p>Contemporary Trade Directory Entries</p> <p>Name: P & P Location: 28, Grenville Court, St. Austell, Cornwall, PL25 5HA Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	345	-	201077 52367

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
122	<p>Contemporary Trade Directory Entries</p> <p>Name: S J L Cleaning Services Location: 10, Meneage Villas, St. Austell, Cornwall, PL25 5DN Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	384	-	200917 52137
123	<p>Contemporary Trade Directory Entries</p> <p>Name: Cornwall L P G Conversions Location: 65, Bodmin Road, St. Austell, Cornwall, PL25 5AF Classification: Vehicle Conversions Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address</p>	A14NW (NE)	389	-	201086 52722
124	<p>Contemporary Trade Directory Entries</p> <p>Name: Trenance Tyres Location: 65, Bodmin Road, St. Austell, Cornwall, PL25 5AF Classification: Tyre Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	420	-	201046 52823
125	<p>Contemporary Trade Directory Entries</p> <p>Name: Courtney Light Haulage Location: 12, Higher Woodside, St. Austell, Cornwall, PL25 5EH Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	424	-	200289 52549
125	<p>Contemporary Trade Directory Entries</p> <p>Name: Brett Pascoe Location: 2, Lower Woodside, St. Austell, Cornwall, PL25 5EQ Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	459	-	200255 52551
126	<p>Contemporary Trade Directory Entries</p> <p>Name: St Austell Insect Screens Location: 3-9 Trinity St, St Austell, Cornwall, PL25 5LS Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A14SW (E)	426	-	201178 52436
126	<p>Contemporary Trade Directory Entries</p> <p>Name: Lex Dezigns Ltd Location: 3-5, Trinity Street, ST. AUSTELL, Cornwall, PL25 5LS Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	439	-	201191 52437
126	<p>Contemporary Trade Directory Entries</p> <p>Name: Crystal Dry Cleaning Location: 25, Trinity Street, St. Austell, Cornwall, PL25 5LS Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	445	-	201191 52400
126	<p>Contemporary Trade Directory Entries</p> <p>Name: C T I Connections Location: 27, Trinity Street, St. Austell, Cornwall, PL25 5LS Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	447	-	201192 52396
126	<p>Contemporary Trade Directory Entries</p> <p>Name: Currys Location: 45, Fore Street, St. Austell, Cornwall, PL25 5PY Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	456	-	201206 52421
127	<p>Contemporary Trade Directory Entries</p> <p>Name: Klick Location: 2-4 Bodmin Rd, St Austell, Cornwall, PL25 5AE Classification: Photographic Processors Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A14SW (E)	431	-	201186 52487
127	<p>Contemporary Trade Directory Entries</p> <p>Name: Polymaps Location: 22, Grants Walk, St. Austell, Cornwall, PL25 5AA Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	441	-	201196 52498

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	<p>Contemporary Trade Directory Entries</p> <p>Name: Christine Bufton Location: 47, Aylmer Square, St. Austell, Cornwall, PL25 5LJ Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	486	-	201237 52425
129	<p>Contemporary Trade Directory Entries</p> <p>Name: A C Global Location: 40, Trenance Road, ST. AUSTELL, Cornwall, PL25 5AN Classification: Air Conditioning Equipment & Systems Status: Active Positional Accuracy: Automatically positioned to the address</p>	A18SE (NE)	492	-	200991 52960
130	<p>Contemporary Trade Directory Entries</p> <p>Name: Prestige Motor Co Location: Penhaligon House, Trinity Street, St. Austell, Cornwall, PL25 5BA Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	499	-	201204 52273
131	<p>Contemporary Trade Directory Entries</p> <p>Name: Gomobile Location: 19a, Fore Street, St. Austell, Cornwall, PL25 5PX Classification: Mobile Phone Accessories and Car Kits Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	569	-	201319 52416
131	<p>Contemporary Trade Directory Entries</p> <p>Name: E T S Location: 9, Fore Street, St. Austell, Cornwall, PL25 5PX Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	606	-	201358 52429
131	<p>Contemporary Trade Directory Entries</p> <p>Name: Hicklings Location: 12, Victoria Place, St. Austell, Cornwall, PL25 5PE Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	627	-	201376 52398
132	<p>Contemporary Trade Directory Entries</p> <p>Name: Graham Howard Location: 81, Bodmin Road, St. Austell, Cornwall, PL25 5AG Classification: Blast Cleaning Status: Active Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	602	-	201101 53017
133	<p>Contemporary Trade Directory Entries</p> <p>Name: Tesco Petrol Filling Station Location: South Street, St. Austell, Cornwall, PL25 5DB Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	605	-	201336 52322
134	<p>Contemporary Trade Directory Entries</p> <p>Name: Evans Location: 4, Medland Gardens, St. Austell, Cornwall, PL25 5QL Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NW (NE)	621	-	201303 52808
135	<p>Contemporary Trade Directory Entries</p> <p>Name: Evans Home Hardware Location: Market Hill, ST. AUSTELL, Cornwall, PL25 5QB Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NW (E)	633	-	201387 52520
135	<p>Contemporary Trade Directory Entries</p> <p>Name: Evans Location: Market Hill, St. Austell, Cornwall, PL25 5QB Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NW (E)	633	-	201387 52520
135	<p>Contemporary Trade Directory Entries</p> <p>Name: Newseal Structural Ltd Location: 9, Trevarthian Road, St. Austell, Cornwall, PL25 4BH Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	672	-	201426 52525

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	<p>Contemporary Trade Directory Entries</p> <p>Name: Texaco Location: 1, Penwinnick Road, St. Austell, Cornwall, PL25 5DP Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	673	-	201223 52005
136	<p>Contemporary Trade Directory Entries</p> <p>Name: Petrogas Location: 1, Penwinnick Road, St. Austell, Cornwall, PL25 5DP Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	673	-	201223 52005
136	<p>Contemporary Trade Directory Entries</p> <p>Name: Penwinnick Road Service Station Location: 1, Penwinnick Road, St. Austell, Cornwall, PL25 5DP Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	673	-	201223 52005
137	<p>Contemporary Trade Directory Entries</p> <p>Name: Nationwide Security Blinds Location: 74, Turnavean Road, St. Austell, Cornwall, PL25 5NX Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	692	-	200229 53034
138	<p>Contemporary Trade Directory Entries</p> <p>Name: Johnsons The Cleaners Location: Pentewan Road, St. Austell, Cornwall, PL25 5BU Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	858	-	201386 51907
139	<p>Contemporary Trade Directory Entries</p> <p>Name: Roundabout Motors Location: Roundabout Motors, Beech Road, St. Austell, Cornwall, PL25 4TS Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	872	-	201627 52458
139	<p>Contemporary Trade Directory Entries</p> <p>Name: Electronic Diesel Injection Services Location: 26, Beech Road, St. Austell, PL25 4TS Classification: Diesel Fuel Injection Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	874	-	201628 52454
139	<p>Contemporary Trade Directory Entries</p> <p>Name: St Austell Mot & Repair Centre Ltd Location: 26 Beech Rd, St. Austell, Cornwall, PL25 4TS Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	874	-	201628 52454
140	<p>Contemporary Trade Directory Entries</p> <p>Name: Halfords Autocentre Location: Unit 2a, Pentewan Road, St. Austell, PL25 5BU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	888	-	201274 51766
140	<p>Contemporary Trade Directory Entries</p> <p>Name: Aa Service Centre Location: Unit 2A, Pentewan Road, St. Austell, Cornwall, PL25 5BU Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	888	-	201274 51766
141	<p>Contemporary Trade Directory Entries</p> <p>Name: M J Abraham Location: 47, Trevarthian Road, St. Austell, Cornwall, PL25 4BT Classification: Marine Electrical & Electronic Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	910	-	201619 52795
142	<p>Contemporary Trade Directory Entries</p> <p>Name: Ocean Breeze Location: 1, Boconnoc Road, St. Austell, PL25 4UN Classification: Candle Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	917	-	201537 52011

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	Contemporary Trade Directory Entries Name: Vospers Of St Austell Location: 42-44, East Hill, St. Austell, Cornwall, PL25 4TR Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	926	-	201670 52342
143	Contemporary Trade Directory Entries Name: Vospers St Austell Location: 42-44, East Hill, St. Austell, Cornwall, PL25 4TR Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	926	-	201670 52342
144	Contemporary Trade Directory Entries Name: R A E Location: Belmont Rd, St. Austell, Cornwall, PL25 4UJ Classification: Carburettor Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	966	-	201683 52221
145	Fuel Station Entries Name: Penwinnick St Austell Service Station Location: 1, Penwinnick Road , , St Austell, Cornwall, PL25 5DP Brand: Low Prices Always Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A9NW (SE)	673	-	201223 52005
146	Fuel Station Entries Name: East Hill Garage Location: , East Hill , St Austell, Cornwall, PL25 4T Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Located by supplier to within 100m	A14SE (E)	909	-	201648 52320
147	Points of Interest - Commercial Services Name: Hiq Tyre Services Location: 1 Trevarrick Road, St. Austell, PL25 5JL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	97	9	200820 52417
147	Points of Interest - Commercial Services Name: HiQ Centre Location: 1 Trevarrick Road, St. Austell, PL25 5JL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	97	9	200820 52417
148	Points of Interest - Commercial Services Name: Bridge Road Motors Location: Bridge Road, St. Austell, PL25 5HE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	268	9	200940 52296
148	Points of Interest - Commercial Services Name: Bridge Road Motors Location: Bridge Road, St. Austell, PL25 5HE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	268	9	200940 52295
148	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: West Hill, St. Austell, PL25 5EY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	277	9	200995 52352
148	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: West Hill, St. Austell, PL25 5EY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	277	9	200995 52352

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	Points of Interest - Commercial Services Name: Brett Pascoe Location: 2 Lower Woodside, St. Austell, PL25 5EQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NE (W)	459	9	200255 52551
149	Points of Interest - Commercial Services Name: Brett Pascoe Location: 2 Lower Woodside, St. Austell, PL25 5EQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NE (W)	459	9	200255 52551
150	Points of Interest - Commercial Services Name: Shop & Shine Location: White River Place, St. Austell, PL25 5AZ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14SW (E)	562	9	201294 52330
151	Points of Interest - Commercial Services Name: Penwinnick St Austell Service Station Location: 1 Penwinnick Road, St. Austell, PL25 5DP Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A9NW (SE)	673	9	201222 52004
151	Points of Interest - Commercial Services Name: Car Wash Location: 1 Penwinnick Road, St. Austell, PL25 5DP Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A9NW (SE)	673	9	201223 52005
152	Points of Interest - Commercial Services Name: Paint 'n' Tune Location: 74 Turnavean Road, St. Austell, PL25 5NX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	692	9	200229 53034
153	Points of Interest - Commercial Services Name: St Austell MOT & Repair Centre Ltd Location: 26 Beech Road, St. Austell, PL25 4TS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	872	9	201627 52458
153	Points of Interest - Commercial Services Name: Electronic Diesel Injection Services Location: 26 Beech Road, St. Austell, PL25 4TS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	872	9	201626 52457
154	Points of Interest - Commercial Services Name: Halfords Autocentre Location: Unit 2a, Pentewan Road, St. Austell, PL25 5BU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9SW (SE)	888	9	201274 51766
155	Points of Interest - Manufacturing and Production Name: St Austell District Chamber of Commerce & Industry Location: Sembal House, West Hill, St. Austell, PL25 5ET Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A14SW (E)	376	9	201129 52448
156	Points of Interest - Manufacturing and Production Name: Tank Location: PL25 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	505	9	200610 53036
157	Points of Interest - Manufacturing and Production Name: Tanks Location: PL25 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	605	9	200120 52655

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
158	Points of Interest - Manufacturing and Production Name: Carrancarrow China Clay Works (Disused) Location: PL25 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	605	9	200468 53093
158	Points of Interest - Manufacturing and Production Name: Tanks Location: PL25 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	637	9	200521 53148
158	Points of Interest - Manufacturing and Production Name: Tank Location: PL25 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	646	9	200522 53157
159	Points of Interest - Manufacturing and Production Name: Tank Location: PL25 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	658	9	201237 52968
160	Points of Interest - Manufacturing and Production Name: Hill's Quarry (Disused) Location: PL25 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A12SE (SW)	701	9	200096 52208
160	Points of Interest - Manufacturing and Production Name: Hill's Quarry (Disused) Location: PL25 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	702	9	200110 52182
161	Points of Interest - Manufacturing and Production Name: Adit Location: PL25 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A18NW (N)	783	9	200441 53274
161	Points of Interest - Manufacturing and Production Name: Adit Location: PL25 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	792	9	200437 53282
162	Points of Interest - Manufacturing and Production Name: Workings (Disused) Location: PL25 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A7SE (SW)	838	9	200334 51753
162	Points of Interest - Manufacturing and Production Name: Workings (Disused) Location: PL25 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	838	9	200328 51756
163	Points of Interest - Manufacturing and Production Name: Adit Location: PL25 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	845	9	200560 53373
164	Points of Interest - Manufacturing and Production Name: Workings (Dis) Location: PL25 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	879	9	199879 52817

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	Points of Interest - Manufacturing and Production Name: Workings (Dis) Location: PL25 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	930	9	199807 52750
164	Points of Interest - Manufacturing and Production Name: Gover Tin Mine (Disused) Location: PL25 Category: Extractive Industries Class Code: Ore Mining Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	932	9	199827 52828
164	Points of Interest - Manufacturing and Production Name: Gover Tin Mine (Disused) Location: PL25 Category: Extractive Industries Class Code: Ore Mining Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	977	9	199781 52830
165	Points of Interest - Manufacturing and Production Name: Tank Location: PL25 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	911	9	201189 51685
166	Points of Interest - Manufacturing and Production Name: Trehiddle Quarry (Disused) Location: PL25 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A7SE (SW)	926	9	200328 51656
167	Points of Interest - Manufacturing and Production Name: China Clay Works (Disused) Location: PL25 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	946	9	200127 53282
167	Points of Interest - Manufacturing and Production Name: Forest China Clay Works (Disused) Location: PL25 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	946	9	200128 53283
168	Points of Interest - Manufacturing and Production Name: Tanks Location: PL25 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	950	9	201282 51696
169	Points of Interest - Manufacturing and Production Name: Trenance China Clay Works (Disused) Location: PL25 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	956	9	200533 53481
170	Points of Interest - Public Infrastructure Name: Weir Location: PL25 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	503	9	200358 52896
170	Points of Interest - Public Infrastructure Name: Weir Location: PL25 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	504	9	200356 52895
171	Points of Interest - Public Infrastructure Name: Tesco Petrol Filling Station Location: South Street, St. Austell, PL25 5DB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SW (E)	605	9	201336 52322

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
172	Points of Interest - Public Infrastructure Name: Texaco UK Location: 1 Penwinnick Road, St. Austell, PL25 5DP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A9NW (SE)	673	9	201223 52005
172	Points of Interest - Public Infrastructure Name: Petrogas Location: 1 Penwinnick Road, St. Austell, PL25 5DP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A9NW (SE)	673	9	201222 52004
172	Points of Interest - Public Infrastructure Name: Somerfield St Austell Penwinck33720 Location: 1 Penwinnick Road, St. Austell, PL25 5DP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A9NW (SE)	673	9	201223 52005
172	Points of Interest - Public Infrastructure Name: Penwinnick Road Service Station Location: 1 Penwinnick Road, St. Austell, PL25 5DP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A9NW (SE)	673	9	201223 52005
173	Points of Interest - Public Infrastructure Name: Bus Station Location: PL25 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	823	9	201576 52555
173	Points of Interest - Public Infrastructure Name: Bus Station Location: PL25 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A14NE (E)	829	9	201581 52557
173	Points of Interest - Public Infrastructure Name: St Austell Rail Station Location: PL25 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A14NE (E)	857	9	201608 52573
173	Points of Interest - Public Infrastructure Name: St Austell Station Location: Palace Road, PL25 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A14NE (E)	857	9	201608 52573
173	Points of Interest - Public Infrastructure Name: Cemetery Location: PL25 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	908	9	201663 52517
174	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: PL25 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	829	9	200331 51765
175	Points of Interest - Public Infrastructure Name: Weir Location: PL25 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	834	9	201183 53243
175	Points of Interest - Public Infrastructure Name: Weir Location: PL25 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	837	9	201188 53244

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	<p>Points of Interest - Public Infrastructure</p> <p>Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location</p>	A14SE (E)	918	9	201673 52482
176	<p>Points of Interest - Public Infrastructure</p> <p>Name: Cemetery Location: PL25 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location</p>	A14SE (E)	918	9	201673 52481
177	<p>Points of Interest - Recreational and Environmental</p> <p>Name: Play Area Location: PL25 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location</p>	A13NE (N)	150	9	200799 52677
178	<p>Points of Interest - Recreational and Environmental</p> <p>Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location</p>	A13SE (E)	187	9	200934 52436
178	<p>Points of Interest - Recreational and Environmental</p> <p>Name: Playground Location: Truro Road, PL25 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location</p>	A13SE (E)	190	9	200936 52433
178	<p>Points of Interest - Recreational and Environmental</p> <p>Name: Play Area Location: PL25 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location</p>	A13SE (E)	240	9	200985 52422

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Cornwall Council - Environmental Health Department Restormel Borough Council (now part of Cornwall Council) - Environmental Health Department	June 2020 October 2017 September 2008	Annually Annually Not Applicable
Discharge Consents Environment Agency - South West Region	July 2020	Quarterly
Enforcement and Prohibition Notices Environment Agency - South West Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - South West Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - South West Region	July 2020	Quarterly
Local Authority Integrated Pollution Prevention And Control Fowey Port Health Authority Restormel Borough Council (now part of Cornwall Council) - Environmental Health Department Cornwall Council - Environmental Health Department	August 2008 July 2009 September 2014	Variable Not Applicable Variable
Local Authority Pollution Prevention and Controls Fowey Port Health Authority Restormel Borough Council (now part of Cornwall Council) - Environmental Health Department Cornwall Council - Environmental Health Department	August 2008 July 2009 September 2014	Not Applicable Not Applicable Annually
Local Authority Pollution Prevention and Control Enforcements Fowey Port Health Authority Restormel Borough Council (now part of Cornwall Council) - Environmental Health Department Cornwall Council - Environmental Health Department	August 2008 July 2009 September 2014	Variable Not Applicable Variable
Nearest Surface Water Feature Ordnance Survey	August 2020	
Pollution Incidents to Controlled Waters Environment Agency - South West Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - South West Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - South West Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - South West Region	June 2016	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon and Cornwall Area	July 2020 July 2020	Quarterly Quarterly
Water Abstractions Environment Agency - South West Region	July 2020	Quarterly
Water Industry Act Referrals Environment Agency - South West Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2020	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2020	Quarterly
Flood Defences Environment Agency - Head Office	September 2020	Quarterly
OS Water Network Lines Ordnance Survey	June 2020	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - South West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon and Cornwall Area	July 2020 July 2020	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon and Cornwall Area	July 2020 July 2020	Quarterly Quarterly
Local Authority Landfill Coverage Cornwall County Council (now part of Cornwall Council) Restormel Borough Council (now part of Cornwall Council) - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Cornwall County Council (now part of Cornwall Council) Restormel Borough Council (now part of Cornwall Council) - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon and Cornwall Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon and Cornwall Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon and Cornwall Area	March 2003 March 2003	Not Applicable Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Cornwall County Council (now part of Cornwall Council) Cornwall Council - Planning Department Restormel Borough Council (now part of Cornwall Council)	January 2009 May 2016 October 2008	Annual Rolling Update Variable Not Applicable
Planning Hazardous Substance Consents Cornwall County Council (now part of Cornwall Council) Cornwall Council - Planning Department Restormel Borough Council (now part of Cornwall Council)	January 2009 May 2016 October 2008	Annual Rolling Update Variable Not Applicable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2020	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	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	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
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
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2020	Quarterly
Fuel Station Entries Catalist Ltd - Experian	September 2020	Quarterly
Gas Pipelines National Grid	September 2020	
Points of Interest - Commercial Services PointX	September 2020	Quarterly
Points of Interest - Education and Health PointX	September 2020	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2020	Quarterly
Points of Interest - Public Infrastructure PointX	September 2020	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2020	Quarterly
Underground Electrical Cables National Grid	August 2020	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2020	Bi-Annually
Areas of Adopted Green Belt Cornwall Council - Planning Department Restormel Borough Council (now part of Cornwall Council)	June 2020 June 2020	As notified As notified
Areas of Unadopted Green Belt Cornwall Council - Planning Department Restormel Borough Council (now part of Cornwall Council)	June 2020 June 2020	As notified As notified
Areas of Outstanding Natural Beauty Natural England	June 2019	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2020	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	July 2019	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	May 2020	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	September 2020	Bi-Annually

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	 <p>British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Centre for Ecology and Hydrology	 <p>Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

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	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Cornwall Council - Environmental Health Department County Hall, Treyew Road, Truro, Cornwall, TR1 3AY	Telephone: 0300 1234 212 Email: envhealthandlicensing@cornwall.gov.uk Website: www.cornwall.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Restormel Borough Council (now part of Cornwall Council) - Environmental Health Department County Hall, Treyew Road, Truro, Cornwall, TR1 3AY	Telephone: 0300 1234 100 Email: enquiries@cornwall.gov.uk Website: www.cornwall.gov.uk
7	Cornwall County Council (now part of Cornwall Council) County Hall, Treyew Road, Truro, Cornwall, TR1 3AY	Telephone: 0300 1234 100 Email: enquiries@cornwall.gov.uk Website: www.cornwall.gov.uk
8	Stantec UK Ltd Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pba.reading@stantec.com Website: www.stantec.com
9	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
10	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.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.



APPENDIX C

Historical Maps

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		Minor Roads		
	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				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	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		Heath
	Rough Grassland		Marsh
	Reeds		Saltings
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		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

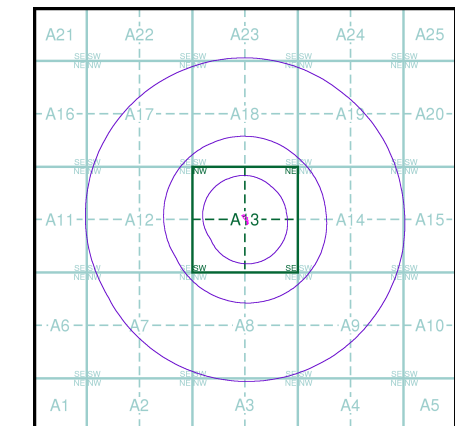
1:10,000 Raster Mapping

	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)
	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

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Cornwall & Isles Of Scilly	1:10,560	1888	2
Cornwall & Isles Of Scilly	1:10,560	1907 - 1908	3
Cornwall & Isles Of Scilly	1:10,560	1933 - 1934	4
Cornwall & Isles Of Scilly	1:10,560	1938	5
Ordnance Survey Plan	1:10,000	1963	6
Ordnance Survey Plan	1:10,000	1968	7
Ordnance Survey Plan	1:10,000	1970 - 1977	8
Ordnance Survey Plan	1:10,000	1977	9
Ordnance Survey Plan	1:10,000	1992 - 1995	10
10K Raster Mapping	1:10,000	2000	11
10K Raster Mapping	1:10,000	2006	12
VectorMap Local	1:10,000	2020	13

Historical Map - Slice A

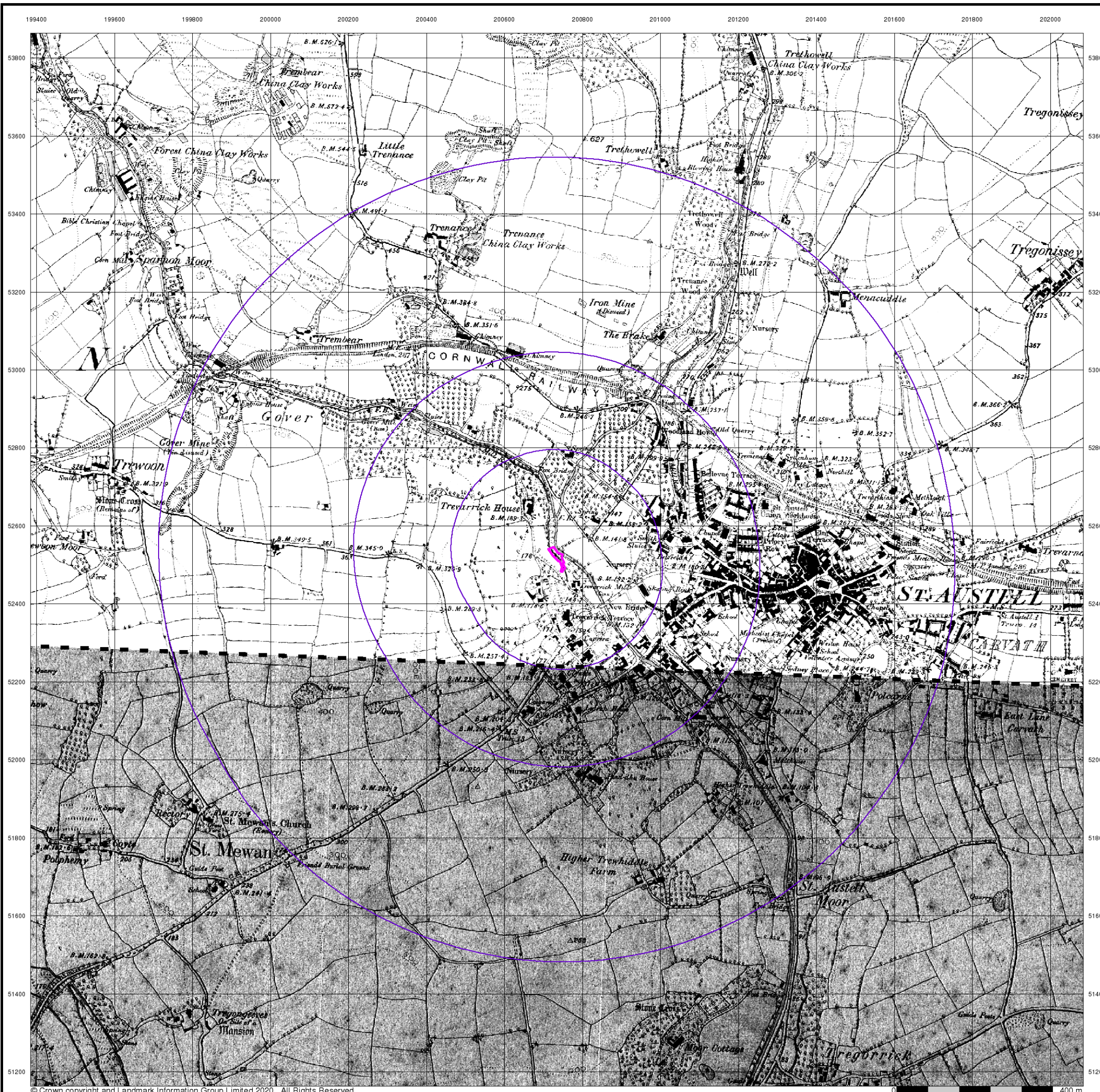


Order Details

Order Number: 263987560_1_1
 Customer Ref: 20352
 National Grid Reference: 200740, 52510
 Slice: A
 Site Area (Ha): 0.08
 Search Buffer (m): 1000

Site Details

Land to the rear of 4 & 5, Trevarrick Road, ST. AUSTELL, PL25 5JN



Cornwall & Isles Of Scilly

Published 1888

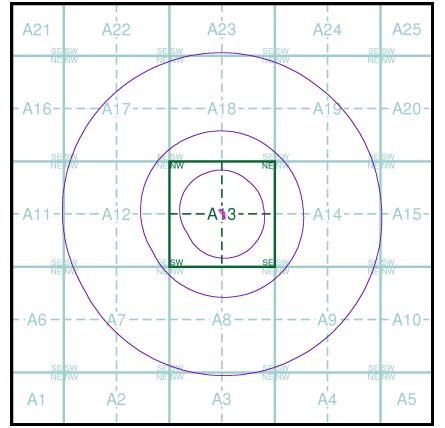
Source map scale - 1:10,560

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)

050NE	1888	1:10,560
050SE	1888	1:10,560

Historical Map - Slice A

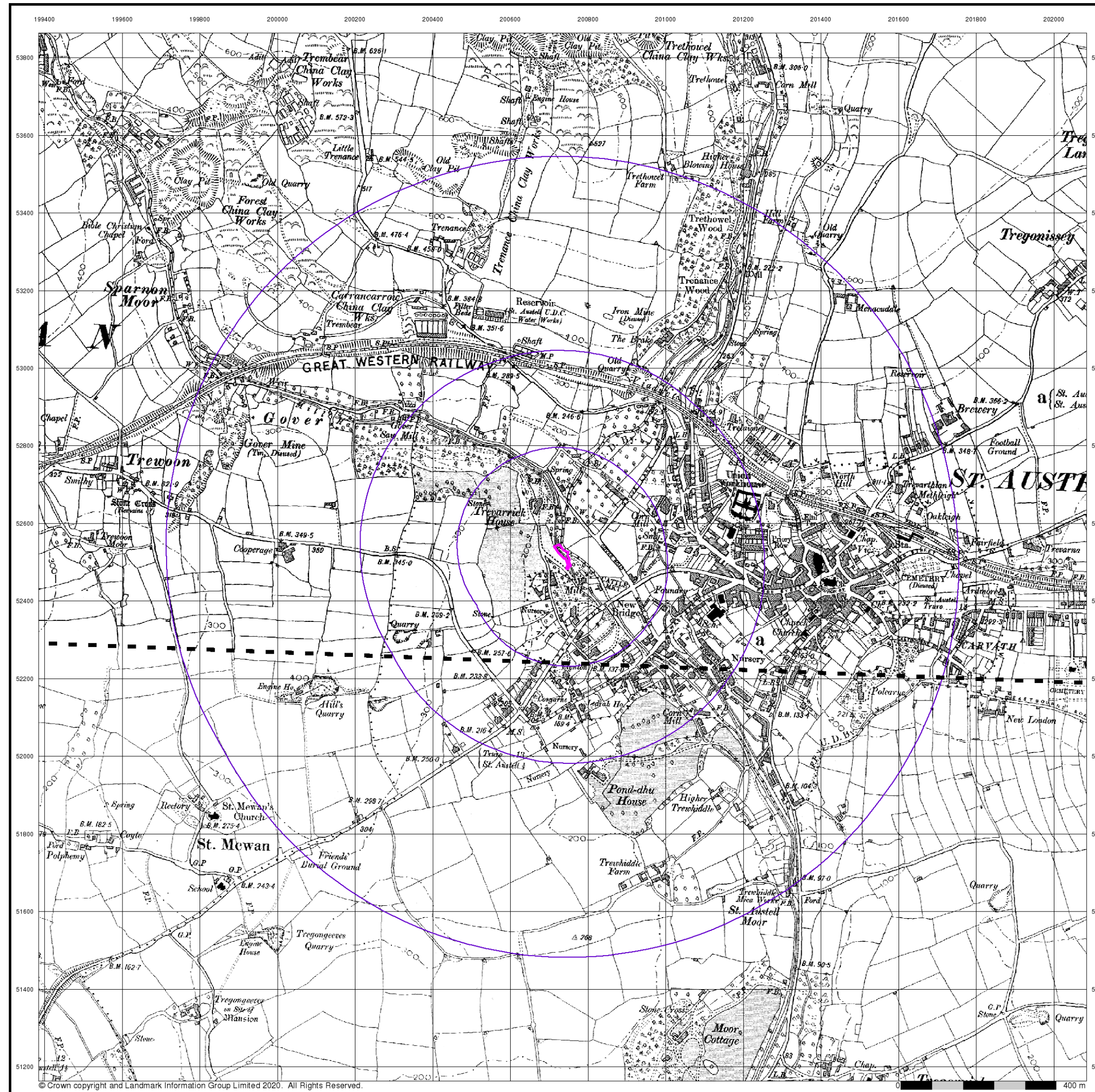


Order Details

Order Number: 263987560_1_1
 Customer Ref: 20352
 National Grid Reference: 200740, 52510
 Slice: A
 Site Area (Ha): 0.08
 Search Buffer (m): 1000

Site Details

Land to the rear of 4 & 5, Trevarrick Road, ST. AUSTELL, PL25 5JN



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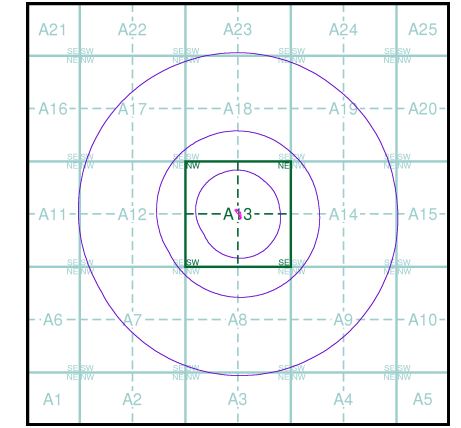
Cornwall & Isles Of Scilly
Published 1907 - 1908
Source map scale - 1:10,560

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)

050NE	1908	1:10,560
050SE	1907	1:10,560

Historical Map - Slice A

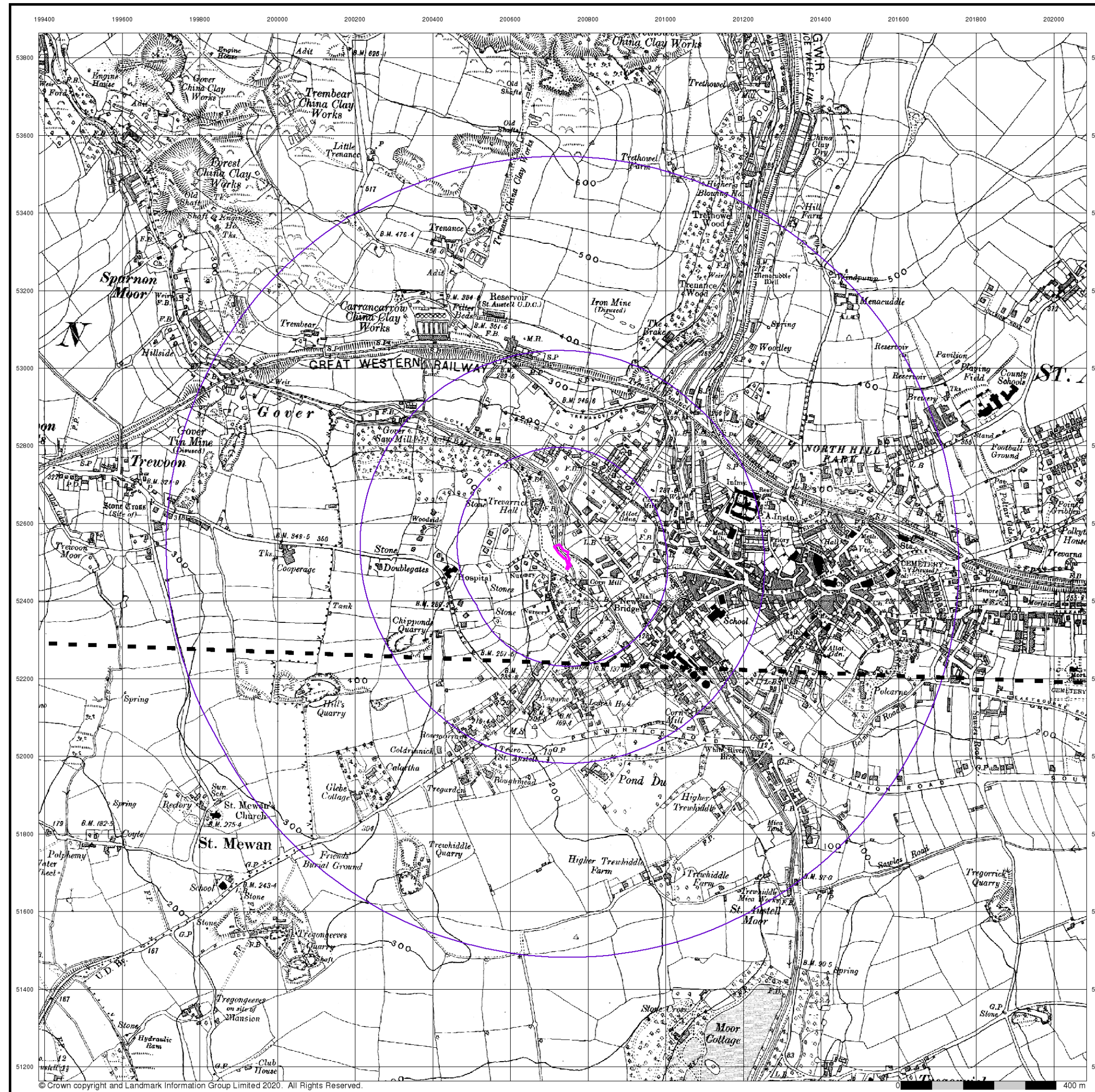


Order Details

Order Number: 263987560_1_1
 Customer Ref: 20352
 National Grid Reference: 200740, 52510
 Slice: A
 Site Area (Ha): 0.08
 Search Buffer (m): 1000

Site Details

Land to the rear of 4 & 5, Trevarrick Road, ST. AUSTELL, PL25 5JN



Cornwall & Isles Of Scilly

Published 1933 - 1934

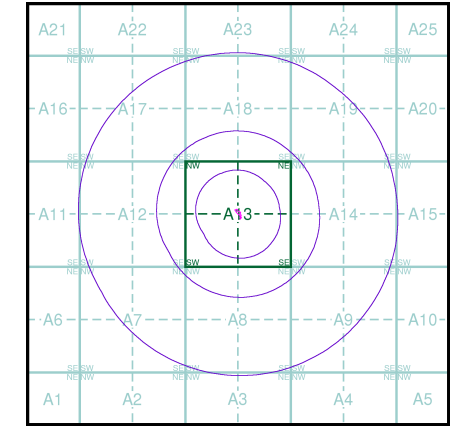
Source map scale - 1:10,560

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)

050NE	1934	1:10,560
050SE	1933	1:10,560

Historical Map - Slice A

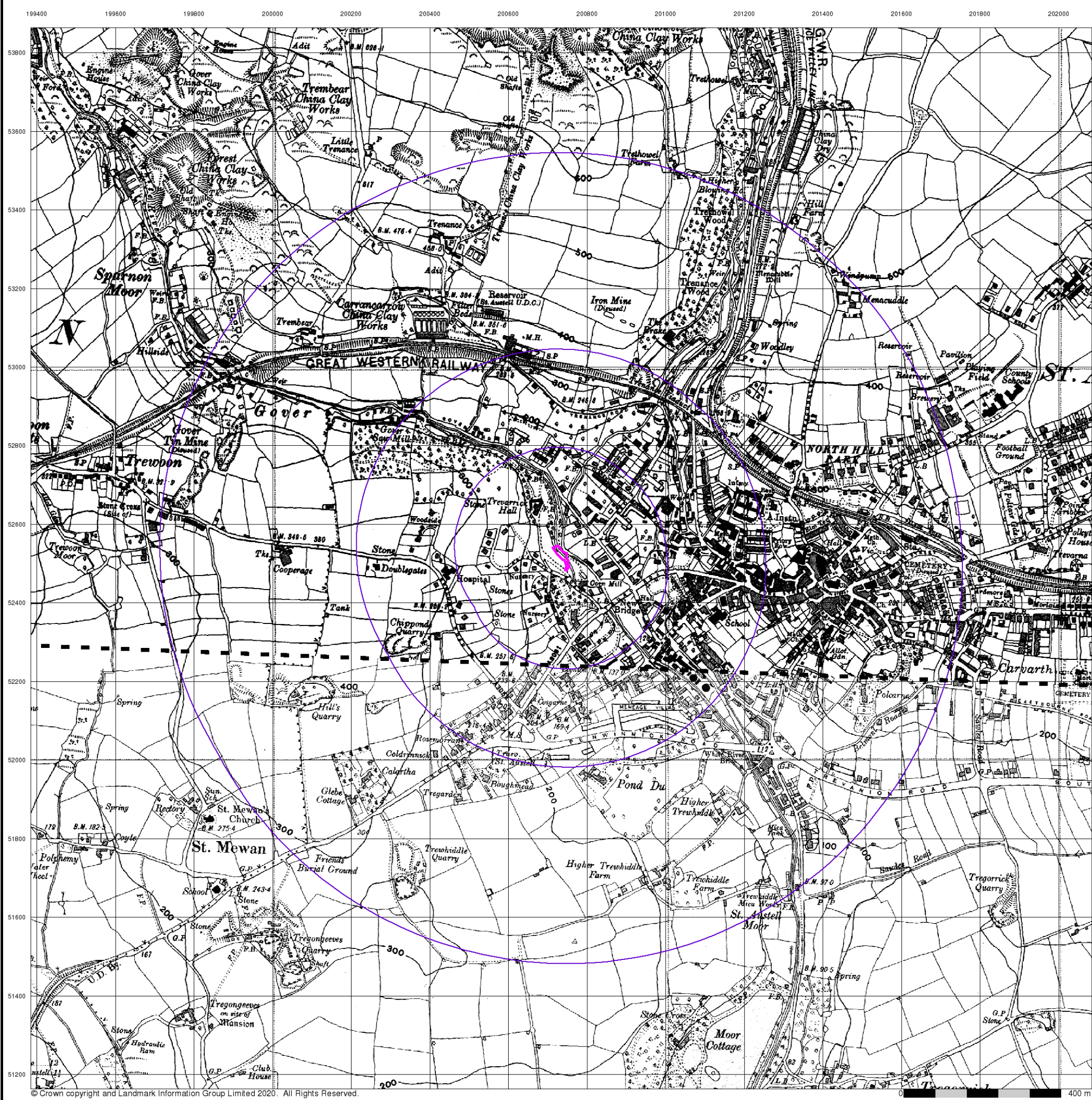


Order Details

Order Number:	263987560_1_1
Customer Ref:	20352
National Grid Reference:	200740, 52510
Slice:	A
Site Area (Ha):	0.08
Search Buffer (m):	1000

Site Details

Land to the rear of 4 & 5, Trevarrick Road, ST. AUSTELL, PL25 5JN



Cornwall & Isles Of Scilly

Published 1938

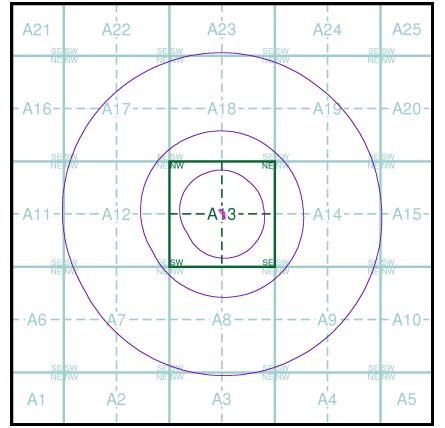
Source map scale - 1:10,560

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)

050NE	1938	1:10,560
050SE	1938	1:10,560

Historical Map - Slice A

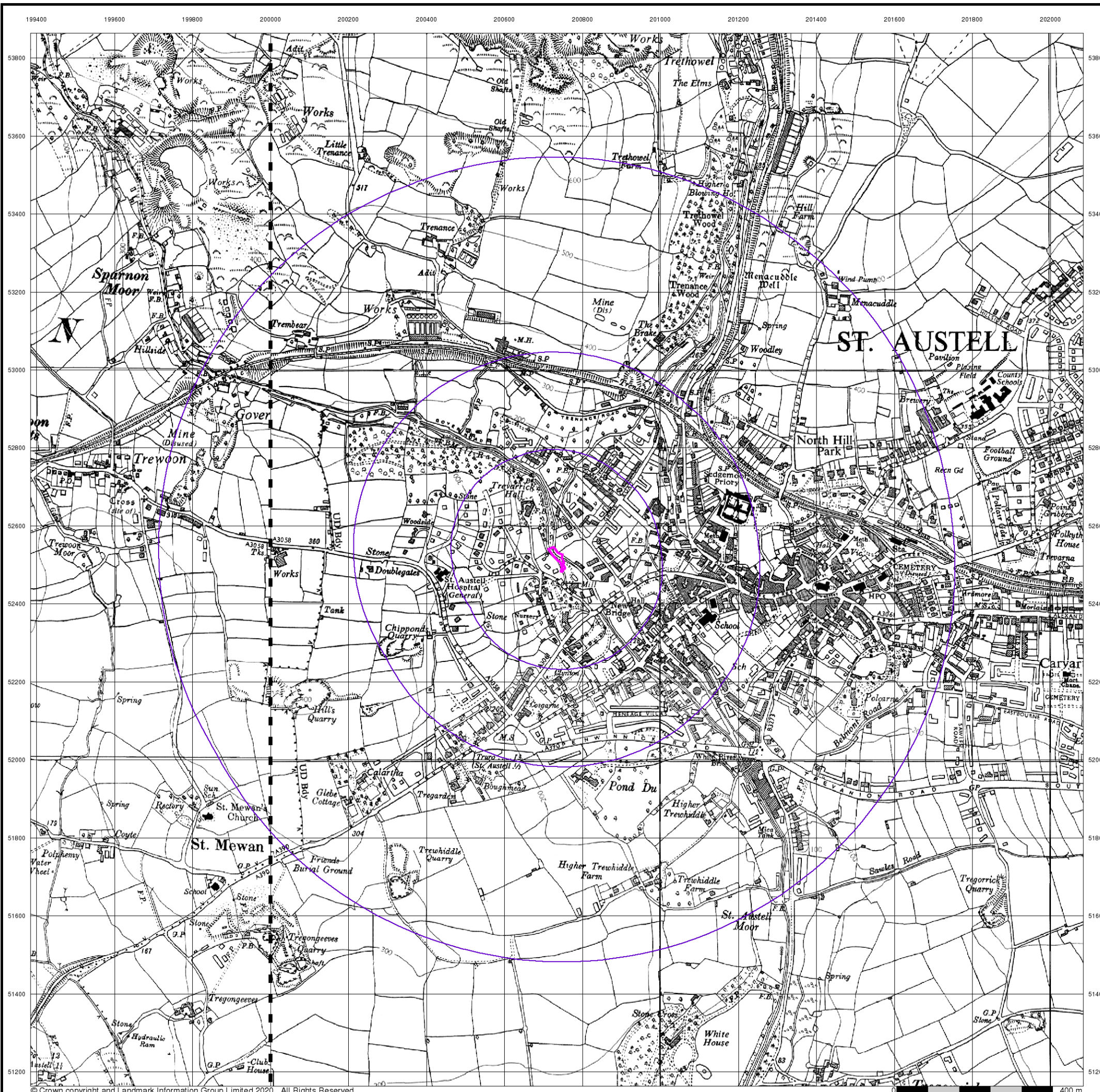


Order Details

Order Number:	263987560_1_1
Customer Ref:	20352
National Grid Reference:	200740, 52510
Slice:	A
Site Area (Ha):	0.08
Search Buffer (m):	1000

Site Details

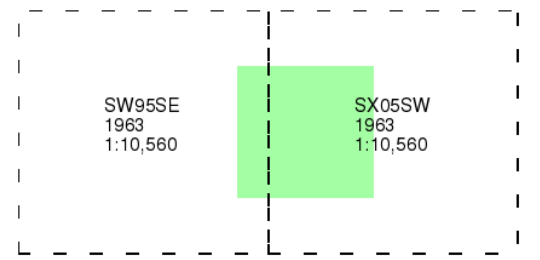
Land to the rear of 4 & 5, Trevarick Road, ST. AUSTELL, PL25 5JN



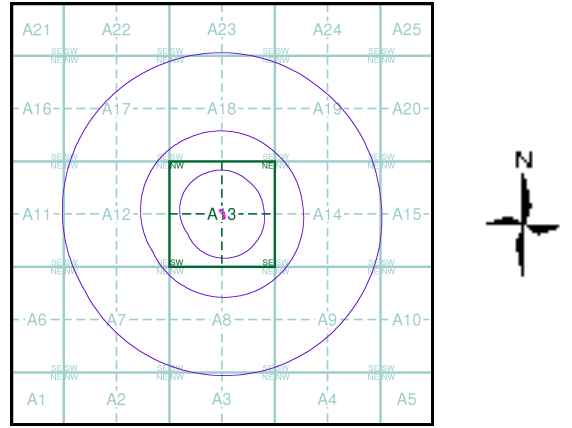
**Ordnance Survey Plan
Published 1963
Source map scale - 1:10,000**

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)



Historical Map - Slice A

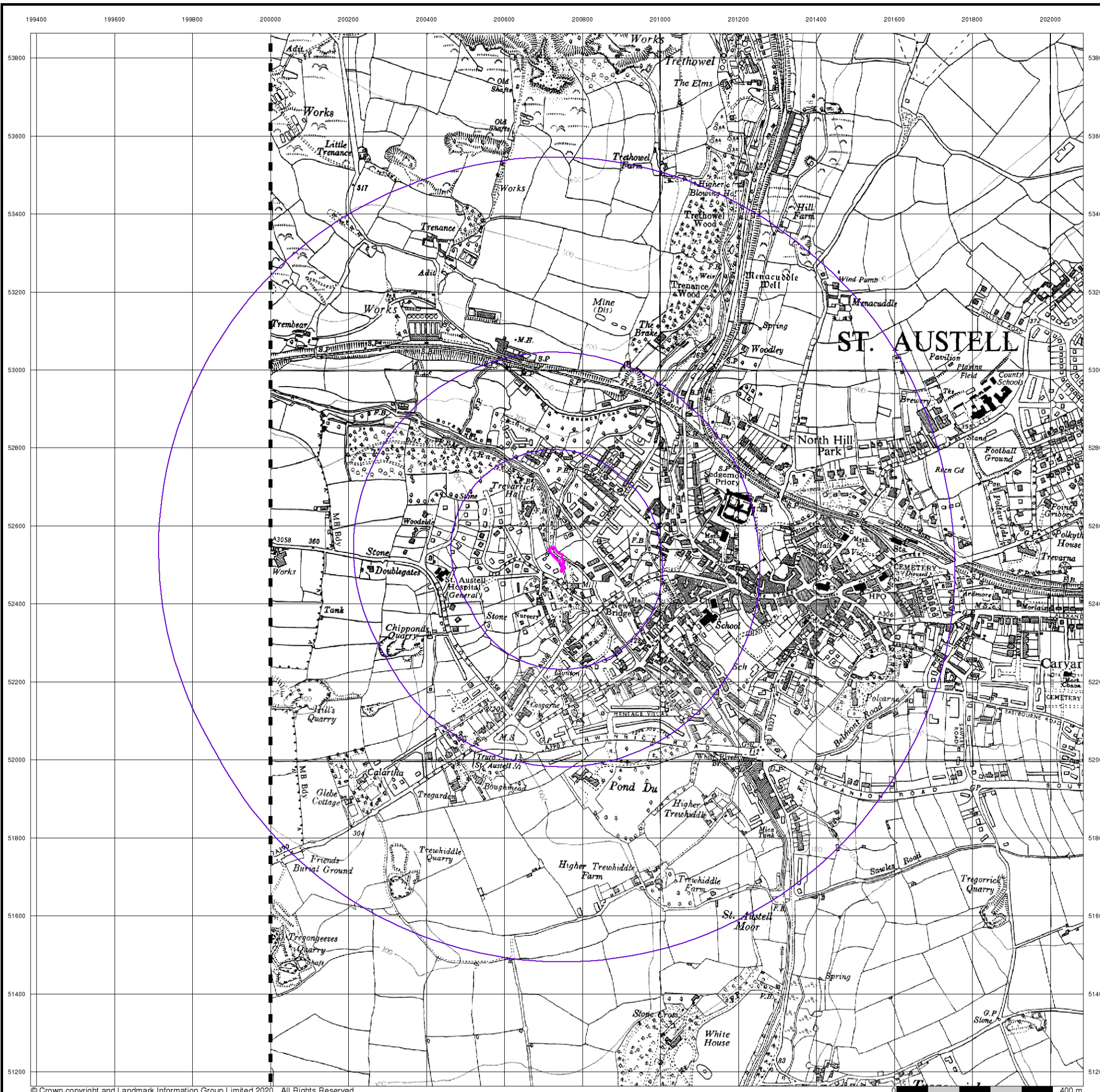


Order Details

Order Number: 263987560_1_1
Customer Ref: 20352
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Slice: A
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Site Details

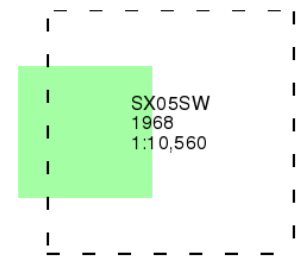
Land to the rear of 4 & 5, Trevarrick Road, ST. AUSTELL, PL25 5JN



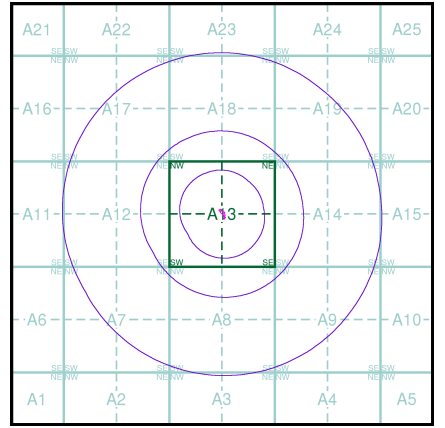
**Ordnance Survey Plan
Published 1968
Source map scale - 1:10,000**

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)



Historical Map - Slice A

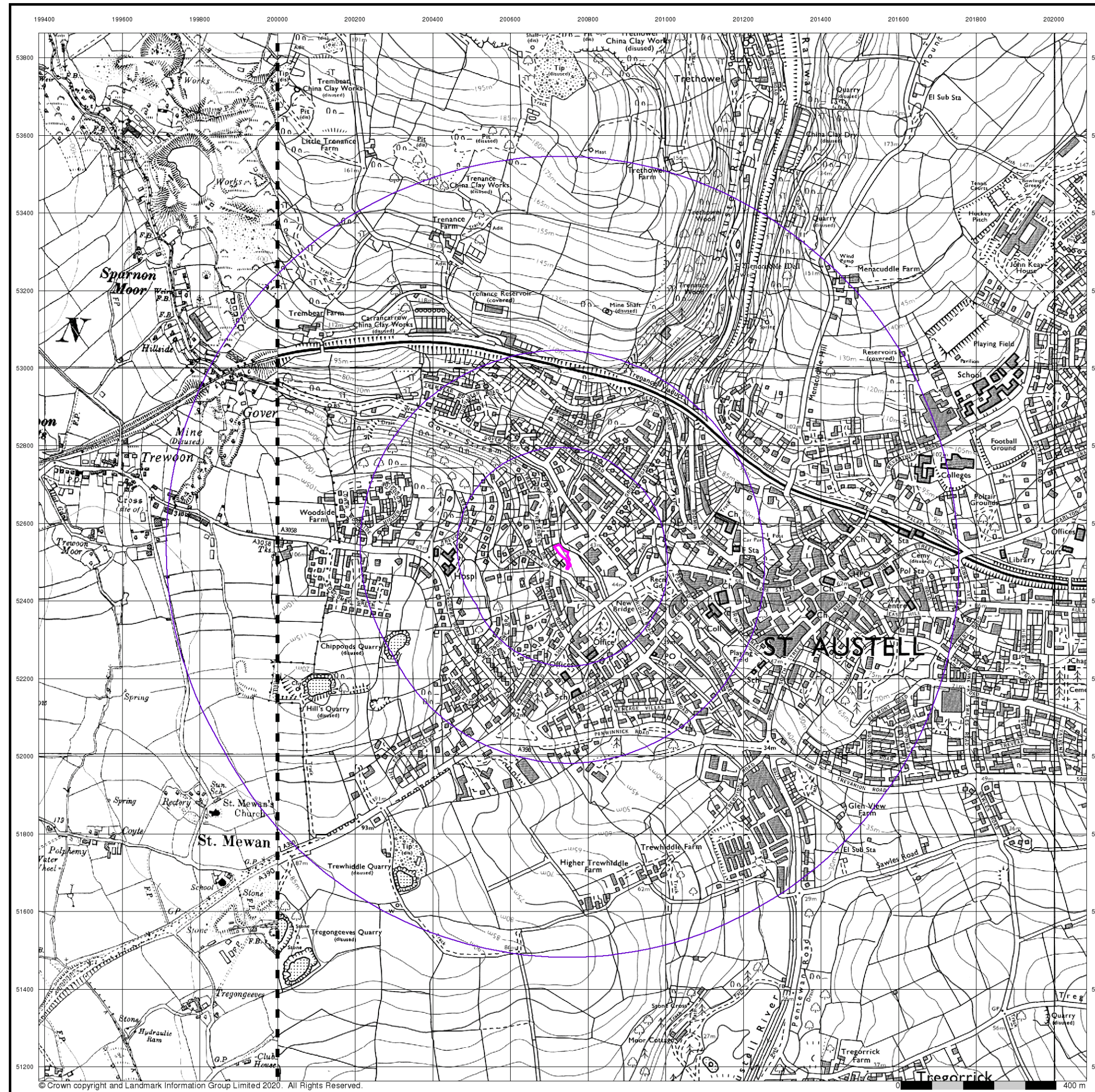


Order Details

Order Number: 263987560_1_1
 Customer Ref: 20352
 National Grid Reference: 200740, 52510
 Slice: A
 Site Area (Ha): 0.08
 Search Buffer (m): 1000

Site Details

Land to the rear of 4 & 5, Trevarrick Road, ST. AUSTELL, PL25 5JN

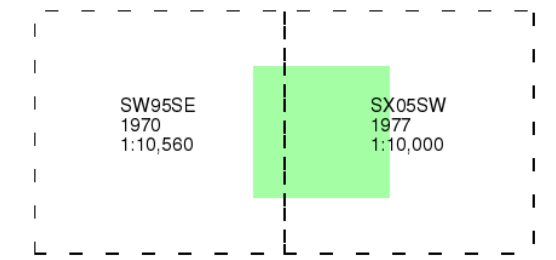


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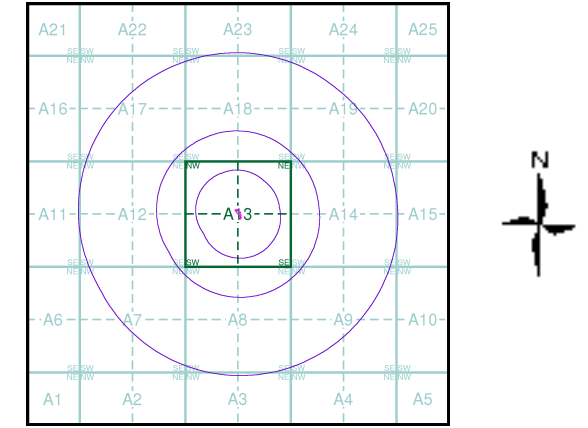
**Ordnance Survey Plan
Published 1970 - 1977
Source map scale - 1:10,000**

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)



Historical Map - Slice A

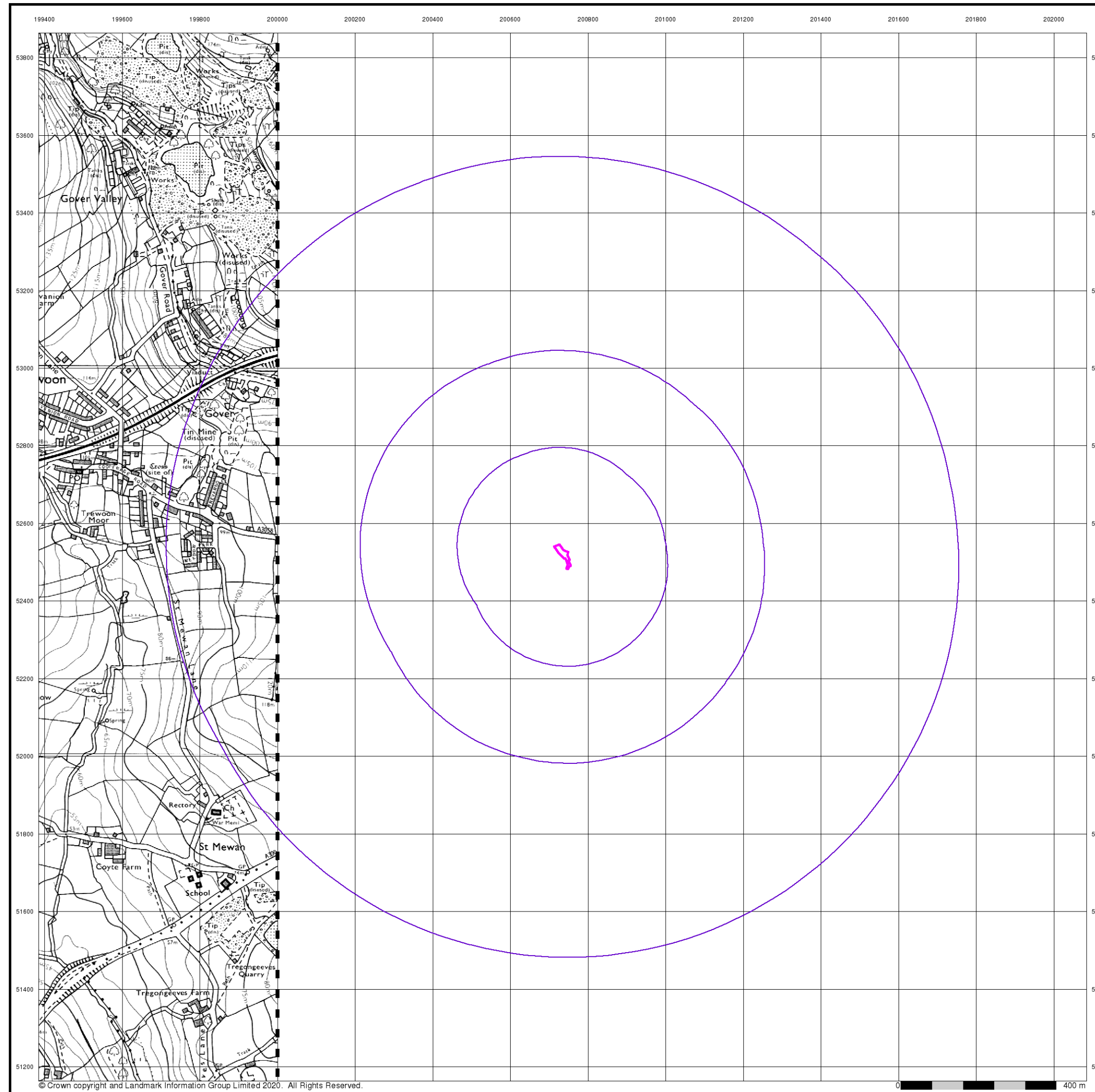


Order Details

Order Number: 263987560_1_1
Customer Ref: 20352
National Grid Reference: 200740, 52510
Slice: A
Site Area (Ha): 0.08
Search Buffer (m): 1000

Site Details

Land to the rear of 4 & 5, Trevarick Road, ST. AUSTELL, PL25 5JN

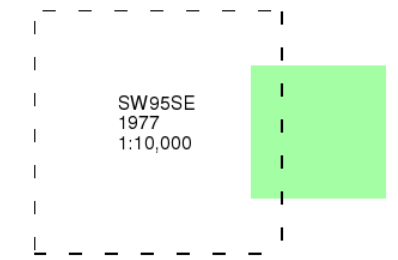


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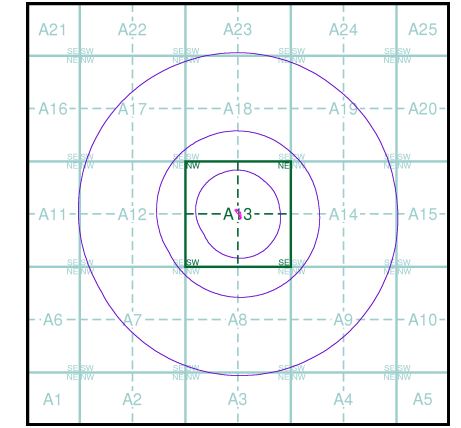
**Ordnance Survey Plan
Published 1977
Source map scale - 1:10,000**

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)



Historical Map - Slice A



Order Details

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