



Phase I Preliminary Risk Assessment

Tremayne Farm, Cornwall, TR14 9NB

29 November 2022

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EXECUTIVE SUMMARY

Objectives

Wheal Jane Consultancy was commissioned by Stonegate Farmers Ltd. to undertake an environmental risk assessment for a proposed development.

Site Setting

The proposed development is currently an active farm, on record as a poultry farm. The proposed development is extensively developed with agricultural barns and enclosures.

Current Use

The proposed development consists of two sites, **Site A** and **Site B**.

Site A is a smaller, standalone field to the west of **Site B**, which is significantly larger to the East.

History

The site was open agricultural land, crossed by field boundaries and tracks, and with a small area of worked land in the north, until the time of the production of the 1907-1908 maps, at which time the G.W.R. Helston Branch Railroad was constructed along the Eastern site boundary. The worked land was reclaimed by 1963, and the Railroad was dismantled by 1972. The site underwent extensive development of agricultural buildings, hardstanding, and enclosures between 1999 and 2022.

Crenver and Wheal Abraham Mine was active 1.60km to the SW of the site until 1972. A large Reservoir (Camborne Water Works) has been present 220 NE of the site since the earliest maps. Two additional Reservoirs were constructed 700m E in 1907. Six Quarries were active within 1.5km of the site in 1877, and all became disused by 1963.

Geology

The geological map indicates that the west of the site is underlain by the Mylor Slate Formation of Devonian age formed between 382.7 and 358.9 million years ago.

The East of the site is underlain by the Carnmenellis Intrusion, Carboniferous to Permian in age, formed between 358.9 and 252.2 million years ago.

Controlled Waters

The site possesses a very low RoFRaS Flood Rating (Risk of Flooding from Rivers and the Sea).



Radon

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

Conclusions

- Development is within an area where greater than 30% of properties are above the action level for Radon.
- Levels of naturally occurring arsenic are likely to exceed the relevant guideline value of 37mg/kg (for residential with plant uptake). This significantly exceeds the Generic Assessment Criteria of 37mg/kg for arsenic, and therefore it is likely soil sampling and testing will be required. The BGS estimations indicate that the arsenic concentrations will be highest at Site A, however it would be prudent to carry out soil sampling across the entire proposed development.
- There is an area of historic Worked Land on Site B, which is a likely source of a contamination pathway and carries a Moderate risk to human health.
- Site A and Site B are currently in recorded use as a poultry farm. This is a likely source of various contaminants, it is likely that a contaminated pathway is present, and as such presents a Moderate risk to human health.
- The G.W.R. Helston Branch was constructed adjacent to the site boundary by 1907. Due to the proximity to the site, it is likely a contaminated pathway is present, resulting in a Moderate risk to human health.
- There is one recorded pollution incident within 500m of the site, occurring 211m NW in 1992. The incident was category 3 (minor incident), and due to the distance and local topography (a small intervening valley) it is unlikely that a contaminated pathway is present.
- A historic landfill is located 489m NW of the site, containing inert waste. A currently active landfill is located 527m NW of the site. Both landfills are at an approximately equal elevation to the site, but due to the distance and relatively inert nature of the waste it is unlikely that a contaminated pathway is present.
- It can be concluded that the site is likely to be suitable for the proposed development, once the recommendations contained within this report have been implemented.

Recommendations

- It is recommended that a Phase II Site Investigation be implemented in order to identify, quantify, and delineate any potential areas of contamination on site. The Phase II Site Investigation should also include a geotechnical assessment of the site.
- The Phase II Investigation will be aimed at identifying possible sources of contamination highlighted in the Preliminary Conceptual Model.
- 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 HPA Architects on behalf of Stonegate Farmers Ltd. to undertake an environmental risk assessment at the site known as 'Tremayne Farm, Cornwall, TR14 9NB.' Wheel Jane Consultancy was formally instructed to proceed via email on the 14th November 2022.
- 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 BS10175:2011+A2:2017 and the UK government Land Contamination Risk Management (LCRM) framework published October 2020 (superseding Environment Agency report CLR11), and as such represents a Phase 1 Desk Study / Preliminary 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:
- PA22/03664 – 250m South of the site.



- Landmark Environmental Data dated 15th November 2022.
- Historic mapping dated 15th November 2022.
- Zefica Unexploded Ordnance (UXO) risk map.
- BGS sheet 352, Falmouth



2 PHASE I ASSESSMENT

2.1 Site Location and Layout

- 2.1.1 The proposed development is located off the B3303 approximately 1.25km South-East of Praze-an-Beeble. The proposed development is approximately centred on National Grid Reference SX 164530, 34910.
- 2.1.2 The site is irregular in shape and covers an area of 14.13 Ha.
- 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	Agricultural Land
East	Agricultural Land
South	Agricultural Land
West	Agricultural Land

2.3 Site Walkover Survey

- 2.3.1 Wheel Jane Consultancy conducted a site walkover survey on 23rd November 2022. Photographs from the walkover survey are provided in Appendix A.
- 2.3.2 The site is currently a disused poultry farm. It has been inactive for 2.5 years.
- 2.3.3 The site contains a mixture of permanent buildings on solid hardstanding and mobile sheds with no foundations.
- 2.3.4 Several of the temporary buildings are in disrepair.
- 2.3.5 Most of the site is fenced fields connected by gravel tracks.
- 2.3.6 There is a large, rusted tank in the east of the site used for water storage. Next to this, there is a smaller, rusted, trailer-tank used for spreading slurry. There were no visible leaks.
- 2.3.7 There is a well in the northern field, reportedly connected to several large water storage and sedimentation tanks buried underneath the field.
- 2.3.8 There are 4 gas tanks on site. All are on hardstanding and in relatively good condition. There were no visible leaks, but one tank was inaccessible due to vegetation.
- 2.3.9 There is a septic tank to the North of the main yard of the site.
- 2.3.10 There is a large land soakaway, receiving water from the main yard, adjacent to the main gate.



2.3.11 One of the large, permanent buildings in the main yard appears to have an Asbestos roof. All other permanent buildings appear to have metal roofs.

2.3.12 The site is generally well-maintained and there was no piles of refuse of concern.

2.4 Proposed Development

2.4.1 It is proposed to extensively redevelop the agricultural land and buildings into residential properties and holiday homes, as well as outdoor recreational areas and wildflower meadows.

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. Where maps of similar dates are provided (eg maps with differing scales) showing similar information, they may be summarised together.

Table 2.1: Summary of Historical Site Usage

Source	On Site	Surroundings
Ordnance Survey, 1877-1879, 1:2,500	The proposed development is predominantly agricultural land crossed by field boundaries. There is a small area (20m x 15m) of Worked Land in the NE corner. Two tracks cross the site running N-S and one follows the SE site boundary.	Reservoir (Camborne Water Works) 220m NE Quarries (Active) 150m NE, 250m N, 525m NW, 1.05 km SW, 1.1km S, 1.15km S Manor Mill (Corn) 380m S Shafts 1.20km SW, 1.23km NE Crenver & Wheal Abraham Mine (Active) 1.60km SW
Ordnance Survey, 1887-1888, 1:10,560	No Significant Change	No Significant Change



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Ordnance Survey, 1907-1908, 1:2,500	Railroad (G.W.R. Helston Branch) constructed adjacent to proposed development on Western edge. Runs N-S.	Railway station 550m NW. Single reservoir constructed 20m W. Two additional reservoirs constructed 700m E.
Ordnance Survey, 1963, 1:10,000	Worked Land no longer present	All Quarries now disused
Ordnance Survey, 1972-1977, 1:2,500	G.W.R. Helston Branch Dismantled	Crenver & Wheal Abraham Mine now Disused
Ordnance Survey, 1975 and 1980- 1981, 1:10,000	No Significant Change	No Significant Change
Large Scale Notional Grid Data, 1994-1995, 1:2,500	No Significant Change	No Significant Change



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Aerial Photo, 1999,		Significant development of the site. 6 large (approximately 50m x 15m) rectangular builds constructed in the West of the site. Development appears to be agricultural and is surrounded by hardstanding. The rest of the site is predominantly ploughed land.	Reservoir 20m W no longer present
10k Mapping, 1:10,000	Raster 2000,	No Significant Change	Poultry Farm 300m S Sewage Works 1.24km NW
10k Mapping, 1:10,000	Raster 2009,	Additional development on site. 12 small square buildings (7m x 7m) built centrally on site, in a row, oriented E-W. 3 rectangular buildings (12m x 15m) also constructed approximately in the centre of the site.	Pond (30m x 30m) dug 20m N.
Ordnance Survey, 2016, 1:10,000		No Significant Change	No Significant Change



VectorMap Local, 2022, 1:10,000	Significant development of site. 12 enclosures and associated filed boundaries constructed across the site. 7 buildings, ranging in size from 3m x 8m to 10m x 25m also constructed across the site.	No Significant Change
Aerial Photo, 2022	New development appears to be agricultural	No Significant Change

- 2.5.2 The proposed development was open agricultural land, crossed by field boundaries and tracks, and with a small area of worked land in the north, until the time of the production of the 1907-1908 maps, at which time the G.W.R. Helston Branch Railroad was constructed along the Eastern site boundary. The worked land was reclaimed by 1963, and the Railroad was dismantled by 1972. The site underwent extensive development of agricultural buildings, hardstanding, and enclosures between 1999 and 2022.
- 2.5.3 Crenver and Wheal Abraham Mine was active 1.60km to the SW of the proposed development until 1972. A large Reservoir (Camborne Water Works) has been present 220 NE of the site since the earliest maps. Two additional Reservoirs were constructed 700m E in 1907. Six Quarries were active within 1.5km of the site in 1877, and all became disused by 1963.

2.6 Geological Setting

Table 2.2: Overview of the geological setting

Geology	
Reference has been made to the Published Geology (BGS sheet 352, Falmouth, 1:50,000), as well as the BGS online map viewer.	
Superficial Geology	A small strip of Alluvium extends approximately 5 meters into Site B 's Northern boundary. BGS describes this Alluvium as: "Clay, silt, sand and gravel. Sedimentary superficial deposit



formed between 11.8 thousand years ago and the present during the Quaternary period.'

Bedrock Geology

The geological map indicates that all of **Site A**, and the West of **Site B**, is underlain by the Mylor Slate Formation of Devonian age formed between 382.7 and 358.9 million years ago. The BGS describes this unit as "Dark grey, locally green-grey slates, interbedded with thin bands and laminae of sandstone, graded and locally cross-bedded siltstone, basic lavas and sedimentary breccias.

The East of **Site B** is underlain by the Carnmenellis Intrusion, Carboniferous to Permian in age, formed between 358.9 and 252.2 million years ago, The BGS describes this unit as Coarsely crystalline granites.

Geology from BGS Borehole Records/Previous Site Investigation Records

There is no evidence of boreholes or past site investigations at this location.

- Arsenic: >120 mg/kg
- Cadmium: <1.8 mg/kg
- Chromium: 60-90 mg/kg
- Lead: 100-200 mg/kg
- Nickel: 15-30 mg/kg

Background Estimated Soil Chemistry

The Arsenic is estimated to be highest on the Western portion of the site (**Site A**). Lower Arsenic values (25-35 mg/kg) are estimated for the Eastern area of the site (**Site B**).

Values for arsenic exceed guideline values for residential end uses, however arsenic is typically of low bioaccessibility (see Conceptual Site Model below). The values for other metals do not exceed guideline values for commercial or residential end uses.

Radon

The property is in a Radon Affected Area, as greater than 30% of properties are above the action level.



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

Hydrology/Surface Water	
Nearest Surface Water Feature	The nearest surface water feature is identified 1m N of the site, understood to be a small stream.
OS Water Network	<p>There are 35 Inland rivers present within 250m of the proposed development: 1m N, 2m W, 2m W, 12m NW, 26m N, 37m NE, 37m NE, 43m NE, 45m NE, 45m NE, 49m NE, 68m N, 68m N, 68m N, 84m NW, 97m NW, 109m NW, 122m NW, 138m NW, 139m NE, 145m NE, 163m NW, 174m NW, 175m NW, 179m NW, 179m NW, 181m N, 181m NE, 183m N, 184m NE, 189m N, 192m NE, 236m N, 244m NE.</p> <p>There is one Reservoir within 250m of the proposed development: 244m NE.</p> <p>There are no tidal rivers or streams within 250m of the proposed development.</p>
Surface Water Abstractions	<p>There are five active surface water abstraction licence within 1000m of the planned development.:</p> <p>226m NE, Public Water Supply, 356m NE, Public Water Supply, 453m SE, Hydroelectric Power, 457m SE, supply to leat, 598m W, General Agriculture.</p>
Monitoring	<p>There is no biological monitoring data within 500m of the site.</p> <p>No chemical monitoring data has been recorded within 500m of the site.</p>
Hydrogeology/Groundwater	
Superficial Aquifer	The alluvium is classified as a Secondary A aquifer
Bedrock Aquifer	<p>The Mylor Slate Formation bedrock is classified as a Secondary A aquifer.</p> <p>The Carnmenellis Intrusion bedrock is classified as a Secondary A aquifer.</p>
Source Protection Zones	The site is not located within a source protection zone



	<p>There is one groundwater abstraction license records within the site boundary, for use as General Farming and Domestic.</p>
Groundwater Abstractions	<p>There are nineteen groundwater abstraction licence records within 1000m of the site, the closest 468m E for General Farming and Domestic use. All the records for Water Abstraction are either general farming/agriculture, domestic, or leisure/recreational use.</p>
<hr/>	
Sensitive Land Uses	
<p>No Sites of Special Scientific Interest (SSSI), Local Nature Reserves, National Nature Reserves, Records of Ancient Woodland, Special Protection Areas, Ramsar Sites, Special Areas of Conservation, Areas of Outstanding Natural Beauty or Environmentally Sensitive Areas are within 2000m of the site.</p>	
<p>The proposed development is within an existing Nitrate Vulnerable Zone (NVZ): Hayle (Groundwater)</p>	
Heritage/ Archaeological	<p>The Cornwall and West Devon Mining World Heritage Site is 309m W of the proposed development. There are no archaeologically significant features in or around the immediate surroundings of the site.</p>
<hr/>	
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>
<hr/>	
<p>There is one Environment Agency landfill sites within 1000m: 527m NW – Construction and Demolition Waste, Excav. Spoil, Soil, Stone, Rock.</p>	
<hr/>	
<p>There is one Environment Agency historic landfill site within 1000m: 489m NW – Inert Waste</p>	
<hr/>	
Waste	<p>There are Eight discharge consent licences have been granted within 500m of the site: 31m NW – Sewage Discharge – Final/Treated Effluent – Land Soakaway 45m NW – Sewage Discharge – Final/Treated Effluent – Land Soakaway 50m NE – Sewage Discharge – Final/Treated Effluent – Land Soakaway 57m NW – Sewage Discharge – Final/Treated Effluent – Land Soakaway 130m NW – Sewage Discharge – Final/Treated Effluent – Freshwater Stream/River 186m S – Sewage Discharge – Final/Treated Effluent – Land Soakaway</p>



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	<p>390m W – Sewage Discharge – Final/Treated Effluent – Land Soakaway</p> <p>468m SE – Sewage Discharge – Final/Treated Effluent – Freshwater Stream/River</p>
	<p>There are no Red List Discharge Consent licences within 500m of the site.</p>
Hazardous Substances	<p>There are no sites relating to the handling or control of hazardous substances or materials within 2000m of the proposed development</p>
Pollution Incidents	<p>There is one recorded pollution incident within 500m of the proposed development:</p> <p>211m NW – 1992 – Sewage/ Treated Effluent – Category 3 (Minor Incident)</p>
Flooding	<p>The site possesses a very low RoFRaS Flood Rating (Risk of Flooding from Rivers and the Sea).</p> <p>The site is within 250m of a Zone 2 or Zone 3 Floodplain area:</p> <p>Zone 2: 183m NW</p> <p>Zone 3: 183m NW</p>
Current Industrial Land Uses	<p>The site is within an area of Groundwater Flooding Susceptibility.</p> <p>There is one current potentially contaminative activity identified by contemporary trade directory entries within 500m of the proposed development:</p> <p>144m NW, Garage Services (active)</p> <p>There is one current potentially contamination activity identified by Manufacturing and Production within the site boundaries:</p> <p>Farming, Poultry Farming</p> <p>There are two current potentially contamination activities identified by Manufacturing and Production within 500m of the proposed development:</p> <p>295m S – Poultry Farming, Equipment and Supplies</p> <p>325m S – Poultry Farming, Equipment and Supplies</p>
Historic Industrial Land Uses	<p>There are no historic potentially contaminative activities identified within 500m of the proposed development.</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**

A documentary mine search has not been compiled for this property.

**Adjacent Planning
Applications**

A Phase I Preliminary Risk Assessment was carried out as part of PA22/03664, 250m South of Tremayne farm. This risk assessment, carried out by Wheal Jane Consultancy, concluded that there were several sources of contamination in the area that presented a Moderate-High risk level, and recommended that a Phase II investigation is carried out. There is no evidence that the Phase II investigation was completed.



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 Annex 4 of the National House Building Council/Environment Agency/Chartered Institute of Environmental Health R&D publication 66, Guidance for the Safe Development of Housing on Land Affected by Contamination (NHBC/EA/CIEH, 2008) which updates and supersedes CIRIA C552: Contaminated Land Risk Assessment, A Guide to Good Practice (Rudland et al., 2001).

3.1.2 A summary of the R&D66 risk classification matrix is presented below;

Table 3.1: Risk Classification Matrix

Risk Classification Matrix					
Taken from CIRIA C552	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+A2:2017 and the LCRM framework. 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 contaminant 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 contaminant 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>Works</i>
	<i>Industrial Land Use</i>
	<i>Railroad Construction and Operation</i>
	<i>Pollution Incidents</i>
Pathways	<i>Landfill</i>
	<i>Inhalation of dust and vapours</i>
	<i>Dermal contact</i>



	<i>Ingestion</i>
	<i>Ingress into buildings</i>
	<i>Ground and surface waters</i>
Receptors	<i>Future site users</i>
	<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 is 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		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.
	Natural Geology	Arsenic	Dermal contact Soil and dust ingestion and inhalation	Future site users Site workers Site flora and fauna	Likely	Medium	Moderate Risk – Levels of Arsenic in certain areas of the Site are estimated to be >120 mg/kg. This significantly exceeds the Generic Assessment Criteria of 37mg/kg for arsenic, and therefore it is likely soil sampling and testing will be required.
	Industrial Land Use	Ground Gas: Methane, Leachate 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	Likely	Medium	Moderate Risk- The site is currently in recorded use as a poultry farm. It is likely that material such as animal waste, as well as spillage/leakage from mechanical farm equipment is present within the ground. This is considered a moderate risk to human health.
Off Site	Historic Mining Works/Shafts	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	Likely	Medium	Moderate Risk – The closest historic works are a Shaft 1.20km SW and Crenver and Wheal Abraham Mine 1.60km SW. The nearest historic Worked Land is on site, in the NE corner. Due to the proximity of the Worked Land, it is likely a contaminated pathway is present.



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Railroad Construction and Operation	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	Likely	Medium	Moderate Risk- The G.W.R. Helston branch was constructed by 1907 and dismantled by 1972, with parts of the railroad being adjacent to the site. The construction and operation of the railroad are both likely sources of potential contaminants. Therefore, due to the proximity to the site, it is likely a contaminated pathway is present.
Pollution Incidents	Various	Dermal contact Soil and dust ingestion and inhalation Ground & surface waters	Future site users Site workers Site flora and fauna	Unlikely	Medium	Low Risk- There is no recorded pollution incident within 500m of the site, occurring 211m NW in 1992. The incident was category 3 (minor incident), and due to the distance and local topography (a small intervening valley) it is unlikely that a contaminated pathway is present.
Landfill	Ground Gas: Methane, Carbon Dioxide, Leachate	Dermal contact Soil and dust ingestion and inhalation Ground & surface waters Ingress into proposed buildings	Future site users	Unlikely	Medium	Low Risk – A historic landfill is located 489m NW of the site, containing inert waste. A currently active landfill is located 527m NW of the site. Both landfills are at an approximately equal elevation to the site, but due to the distance and relatively inert nature of the waste it is unlikely that a contaminated pathway is 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 nearest Man-Made Mining Cavity is 235m NW.

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	Negligible - Ground conditions predominantly non-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 due to potential problems with shrink-swell clays.
Landslides	Very 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 – Alluvium on the Northern margin of the site has Moderate potential to be a Compressible Ground Stability Hazard. Ground Investigation recommended if development is occurring on this area of the site.
Collapsible Deposits	Very Low - 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	Negligible - 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 possible that groundwater will be shallow in some areas of the site. The site is within an area of groundwater flooding susceptibility.



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, with hard standing or gravel present around the larger existing structures. The smaller structures are mobile and have no hardstanding foundation.
- 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, Hardstanding and/or MADE GROUND will be underlain by clayey sandy GRAVEL belonging to the Mylor Slate Formation and Carnmenellis Intrusion.

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.

5.3 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 Levels of naturally occurring arsenic are likely to exceed the relevant guideline value of 37mg/kg (for residential with plant uptake). This significantly exceeds the Generic Assessment Criteria of 37mg/kg for arsenic, and therefore it is likely soil sampling and testing will be required. The BGS estimations indicate that the arsenic concentrations will be highest at **Site A**, however it would be prudent to carry out soil sampling across the entire proposed development.
- 5.3.3 There is an area of historic Worked Land on **Site B**, which is a likely source of a contamination pathway and carries a Moderate risk to human health.
- 5.3.4 **Site A** and **Site B** are currently in recorded use as a poultry farm. This is a likely source of various contaminants, it is likely that a contaminated pathway is present, and as such presents a Moderate risk to human health.



- 5.3.5 The G.W.R. Helston Branch was constructed adjacent to the site boundary by 1907. Due to the proximity to the site, it is likely a contaminated pathway is present, resulting in a Moderate risk to human health.
- 5.3.6 There is no recorded pollution incident within 500m of the site, occurring 211m NW in 1992. The incident was category 3 (minor incident), and due to the distance and local topography (a small intervening valley) it is unlikely that a contaminated pathway is present.
- 5.3.7 A historic landfill is located 489m NW of the site, containing inert waste. A currently active landfill is located 527m NW of the site. Both landfills are at an approximately equal elevation to the site, but due to the distance and relatively inert nature of the waste it is unlikely that a contaminated pathway is present.
- 5.3.8 It can be concluded that the site is likely to be suitable for the proposed development, once the recommendations contained within this report have been implemented.

5.4 Recommendations

- 5.4.1 It is recommended that a Phase II Site Investigation be implemented in order to identify, quantify, and delineate any potential areas of contamination on site. The Phase II Site Investigation should also include a geotechnical assessment of the site.
- 5.4.2 The Phase II Investigation will be aimed at identifying possible sources of contamination highlighted in the Preliminary Conceptual Model.
- 5.4.3 Full radon protective measures are required for the proposed development in-line with BRE guidelines.
- 5.4.4 In the event unexpected contamination is found during development, work should cease until the material can be identified and remediated appropriately.
- 5.4.5 All site workers should be equipped with the correct PPE and have undertaken suitable risk assessments, job safety and environmental analysis before work commences.
- 5.4.6 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 +A2:2017 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
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- 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
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- 6.1.9 Environment Agency (2005) Guidance on Assessing the Risk Posed by Land Contamination and Its Remediation on Archaeological Resource Management. Bristol, EA
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- 6.1.14 Land Quality Press (2015) *The LQM/CIEH Suitable 4 Use Levels for Human Health Risk Assessment* (2nd Edition). Nottingham, Land Quality Press
- 6.1.15 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
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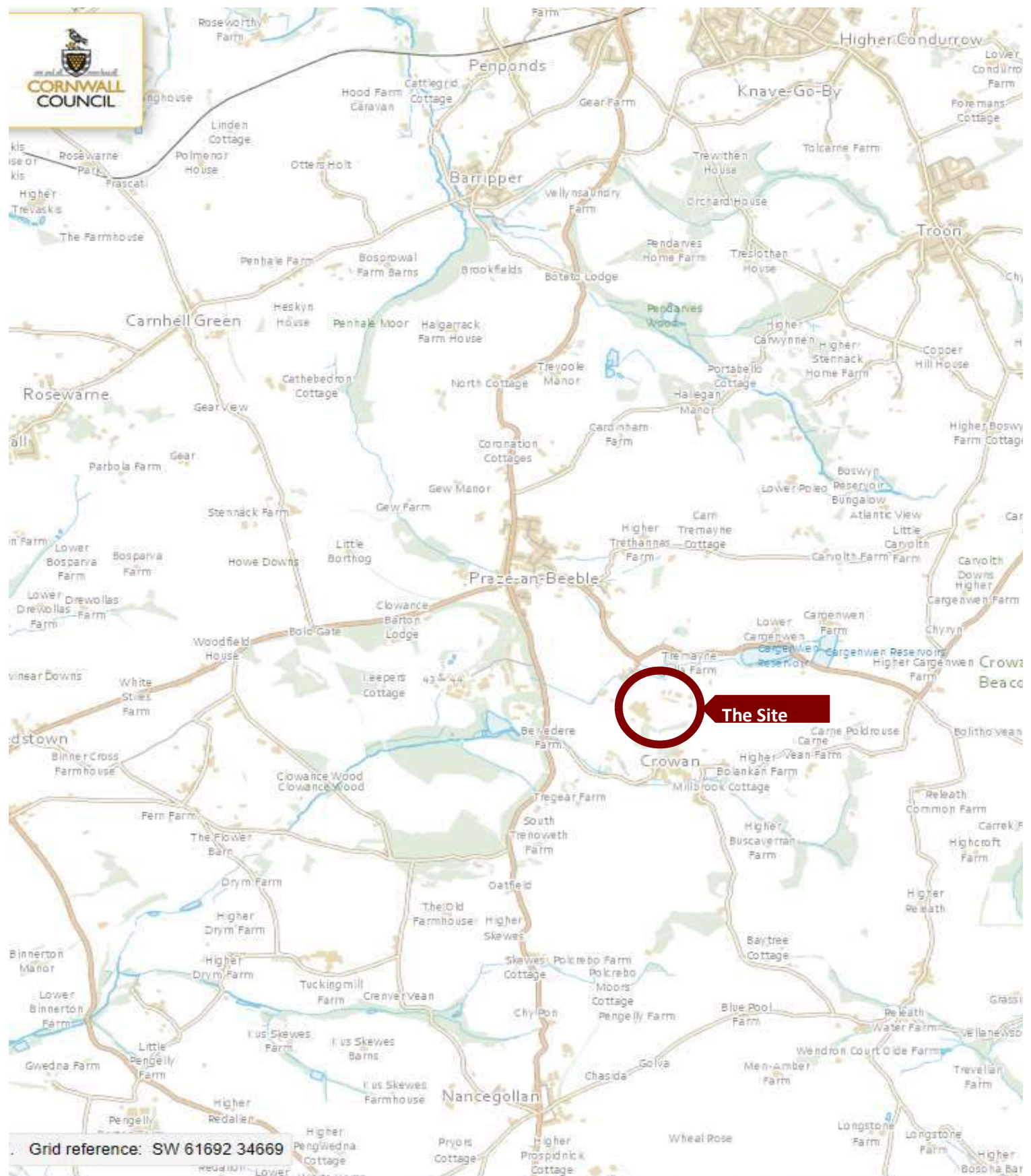


7 NOTES

- *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.*
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- *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: **Tremayne Farm, Cornwall, TR14 9NB**

Client: **Stonegate Farmers Ltd**

Report Title: **Phase 1 Preliminary Risk Assessment (PRA)**

Date: **29/11/2022**

Ref: **21413**

Figure: **2.1**



Legend:



NOTES



PROJECT TITLE
Development of Tremayne Farm
Cornwall, TR14 9NB

CLIENT
Stonegate Agriculture
LOCATION PLAN

PRELIMINARY
2358-001



Title:

Current Site Layout

Project:

Tremayne Farm, Cornwall, TR14 9NB

21413

Client:

Stonegate Farmers Ltd

Date: 29/11/2022

Scale: NTS

Drawn by: -

Revision: A

Figure: 2.2



APPENDICES:

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



APPENDIX A

Site Photographs



Title: Walkover Photographs

Project: Tremayne Farm, Cornwall, TR14 9NB

Client: Stonegate Farmers Ltd

Report Title: Phase 1 Preliminary Risk Assessment

Date: 23/11/2022

Ref: 21413



Appendix: A



Title: Walkover Photographs

Project: Tremayne Farm, Cornwall, TR14 9NB

Client: Stonegate Farmers Ltd

Report Title: Phase 1 Preliminary Risk Assessment

Date: 23/11/2022

Ref: 21413



Appendix: A



Title: Walkover Photographs

Project: Tremayne Farm, Cornwall, TR14 9NB

Client: Stonegate Farmers Ltd

Report Title: Phase 1 Preliminary Risk Assessment

Date: 23/11/2022

Ref: 21413



Appendix: A



Title: Walkover Photographs

Project: Tremayne Farm, Cornwall, TR14 9NB

Client: Stonegate Farmers Ltd

Report Title: Phase 1 Preliminary Risk Assessment

Date: 23/11/2022

Ref: 21413



Appendix: A



Title: Walkover Photographs

Project: Tremayne Farm, Cornwall, TR14 9NB

Client: Stonegate Farmers Ltd

Report Title: Phase 1 Preliminary Risk Assessment

Date: 23/11/2022

Ref: 21413



Appendix: A

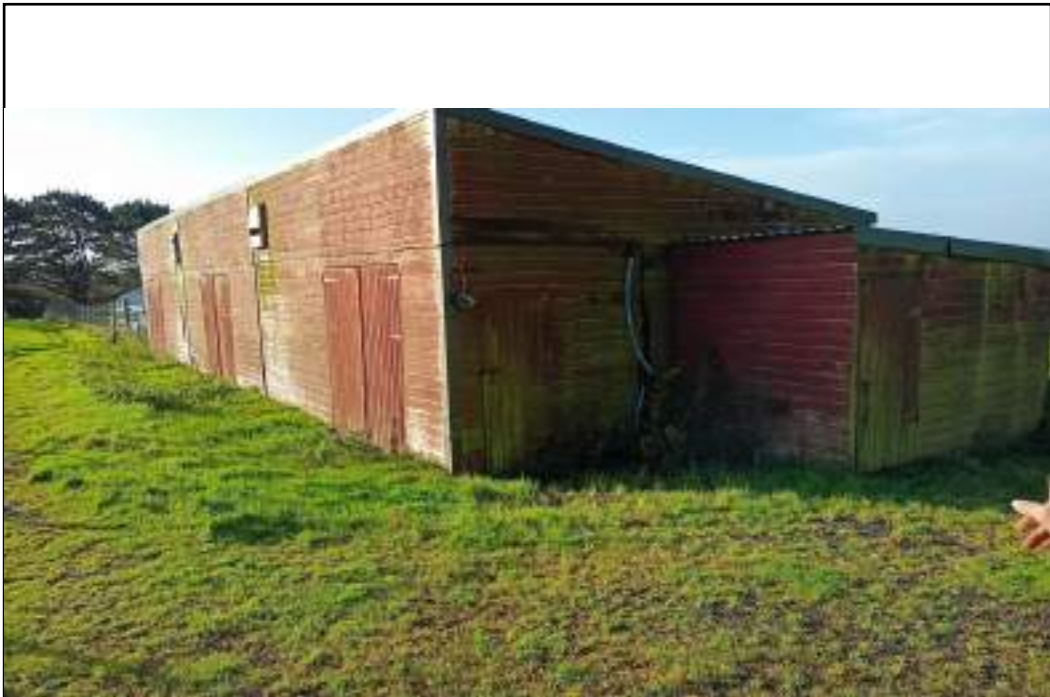


Title: Walkover Photographs
Project: Tremayne Farm, Cornwall, TR14 9NB
Client: Stonegate Farmers Ltd
Report Title: Phase 1 Preliminary Risk Assessment
Date: 23/11/2022

Ref: 21413



Appendix: A



Title: Walkover Photographs
Project: Tremayne Farm, Cornwall, TR14 9NB
Client: Stonegate Farmers Ltd
Report Title: Phase 1 Preliminary Risk Assessment
Date: 23/11/2022

Ref: 21413



Appendix: A



Title: Walkover Photographs
Project: Tremayne Farm, Cornwall, TR14 9NB
Client: Stonegate Farmers Ltd
Report Title: Phase 1 Preliminary Risk Assessment
Date: 23/11/2022

Ref: 21413



Appendix: A



Title: Walkover Photographs
Project: Tremayne Farm, Cornwall, TR14 9NB
Client: Stonegate Farmers Ltd
Report Title: Phase 1 Preliminary Risk Assessment
Date: 23/11/2022

Ref: 21413



Appendix: A



Title: Walkover Photographs
Project: Tremayne Farm, Cornwall, TR14 9NB
Client: Stonegate Farmers Ltd
Report Title: Phase 1 Preliminary Risk Assessment
Date: 23/11/2022

Ref: 21413



Appendix: A



Title:	Walkover Photographs
Project:	Tremayne Farm, Cornwall, TR14 9NB
Client:	Stonegate Farmers Ltd
Report Title:	Phase 1 Preliminary Risk Assessment
Date:	23/11/2022

Ref: 21413



Appendix: A



Title: Walkover Photographs

Project: Tremayne Farm, Cornwall, TR14 9NB

Client: Stonegate Farmers Ltd

Report Title: Phase 1 Preliminary Risk Assessment

Date: 23/11/2022

Ref: 21413



Appendix: A



Title: Walkover Photographs

Project: Tremayne Farm, Cornwall, TR14 9NB

Client: Stonegate Farmers Ltd

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Date: 23/11/2022

Ref: 21413



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Appendix: A



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Ref: 21413



Appendix: A



Title: Walkover Photographs

Project: Tremayne Farm, Cornwall, TR14 9NB

Client: Stonegate Farmers Ltd

Report Title: Phase 1 Preliminary Risk Assessment

Date: 23/11/2022

Ref: 21413

WHEAL JANE
CONSULTANCY



GEOTECHNICAL, ENVIRONMENTAL
& MINING SERVICES

Appendix: A



Title: Walkover Photographs
Project: Tremayne Farm, Cornwall, TR14 9NB
Client: Stonegate Farmers Ltd
Report Title: Phase 1 Preliminary Risk Assessment
Date: 23/11/2022

Ref: 21413



Appendix: A



APPENDIX B

Environmental Data

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

303931110_1_1

Customer Reference:

21413

National Grid Reference:

164530, 34910

Slice:

A

Site Area (Ha):

14.13

Search Buffer (m):

1000

Site Details:

Tremayne Farm, Crowan

Praze

CAMBORNE

TR14 9NB

Client Details:

Ms B Halliday

Wheal Jane Consultancy

Old Mine

Wheal Jane Mine

Baldhu

Truro

Cornwall

TR3 6EE

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	49
Hazardous Substances	-
Geological	50
Industrial Land Use	58
Sensitive Land Use	63
Data Currency	64
Data Suppliers	70
Useful Contacts	71

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		7	2	9
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 6	2	2		
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 7				1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7		Yes		
Pollution Incidents to Controlled Waters	pg 7		1		4
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 8		1	3	1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 9	2	2	6	28 (*46)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 30	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 30	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 30	Yes	n/a	n/a	n/a
Source Protection Zones	pg 30			1	1
Extreme Flooding from Rivers or Sea without Defences	pg 30		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 31		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 31		35	40	82

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 49			1	
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 49	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 49				1
Potentially Infilled Land (Water)					
Registered Landfill Sites	pg 49				1
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 50	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 50	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 53		1	1	5
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 54	Yes	n/a	n/a	n/a
Man-Made Mining Cavities	pg 55		2		2
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 55	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 55	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 56	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 56	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 57	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 57	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 57	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 57	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 58		1		15
Fuel Station Entries	pg 59				1
Points of Interest - Commercial Services	pg 59		2		8
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 60	2		2	7
Points of Interest - Public Infrastructure	pg 61		1	1	9
Points of Interest - Recreational and Environmental	pg 62				3
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	pg 63	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites	pg 63			1	

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11NW (N)	0	1	164527 35050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10NE (NW)	140	1	164400 35100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10NE (NW)	194	1	164350 35150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10SW (SW)	333	1	164000 34600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NW (SE)	341	1	164750 34400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A6NW (SW)	355	1	164050 34550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10SW (SW)	362	1	163900 34650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A6NE (S)	371	1	164350 34350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	371	1	165200 35100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A6NW (SW)	377	1	164100 34500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NW (E)	381	1	165200 35150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SE (NW)	385	1	164200 35350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SW (W)	401	1	163850 34650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NW (SW)	417	1	164100 34450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9SE (W)	443	1	163800 34650
1	Discharge Consents Operator: Mr A Marquis Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Trmayne Farm (Old Barn At), Praze, Nr Camborne, Cornwall Authority: Environment Agency, South West Region Catchment Area: Red River, Porthreath, & Perranwell Streams, Cornwall Reference: Nra-Sw-6804 Permit Version: 1 Effective Date: 26th July 1994 Issued Date: 26th July 1994 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway 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	A10NE (NW)	31	2	164440 34980

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Mr R Mock Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Tremayne Farmhouse, Praze, Nr Camborne, Cornwall Authority: Environment Agency, South West Region Catchment Area: Red River, Porthreath, & Perranwell Streams, Cornwall Reference: Nra-Sw-6805 Permit Version: 1 Effective Date: 26th July 1994 Issued Date: 26th July 1994 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>	A10NE (NW)	57	2	164440 35020
2	<p>Discharge Consents</p> <p>Operator: Mr R Mock Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Old Tremayne Cottage, Praze, Nr Camborne, Cornwall Authority: Environment Agency, South West Region Catchment Area: Red River, Porthreath, & Perranwell Streams, Cornwall Reference: Nra-Sw-6802 Permit Version: 1 Effective Date: 26th July 1994 Issued Date: 26th July 1994 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>	A10NE (NW)	45	2	164370 34990
2	<p>Discharge Consents</p> <p>Operator: Mr R Mock Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Tremayne Farmhouse, Praze, Nr Camborne, Cornwall Authority: Environment Agency, South West Region Catchment Area: Red River, Porthreath, & Perranwell Streams, Cornwall Reference: Nra-Sw-6803 Permit Version: 1 Effective Date: 26th July 1994 Issued Date: 26th July 1994 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>	A10NE (NW)	46	2	164400 34980
3	<p>Discharge Consents</p> <p>Operator: Mr & Mrs D C Smith Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Tremayne Villa Farm Tremayne, Praze, Camborne, Cornwall Authority: Environment Agency, South West Region Catchment Area: Red River, Porthreath, & Perranwell Streams, Cornwall Reference: Nra-Sw-5320 Permit Version: 1 Effective Date: 13th January 1993 Issued Date: 13th January 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 100m</p>	A11NW (NE)	50	2	164750 35150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Terence John Lawlor Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: The Brooks Tremayne, Praze-An-Beeble, Camborne, Cornwall, Tr14 9ph Authority: Environment Agency, South West Region Catchment Area: Red River, Porthreath, & Perranwell Streams, Cornwall Reference: 303519 Permit Version: 1 Effective Date: 26th July 2006 Issued Date: 27th July 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Praze River 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>	A10NE (NW)	130	2	164430 35120
5	<p>Discharge Consents</p> <p>Operator: The Vicar & Parochial Church Council Property Type: CHURCH/MONASTERY/ABBEY/RELIGIOUS RETREAT/ASSOCIATION HQ Location: Crowan Parish Room Crowan, Praze, Camborne, Cornwall, Tr14 9nb Authority: Environment Agency, South West Region Catchment Area: Red River, Porthreath, & Perranwell Streams, Cornwall Reference: 302412 Permit Version: 1 Effective Date: 1st June 2002 Issued Date: 8th February 2002 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>	A7NW (S)	186	2	164550 34500
6	<p>Discharge Consents</p> <p>Operator: Mr & Mrs Cannon Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Studio Home Farm, Clowance, Praze An Beeble, Nr Camborne, Tr14 0pt Authority: Environment Agency, South West Region Catchment Area: Hayle, Cornwall Reference: 302329 Permit Version: 1 Effective Date: 1st March 2001 Issued Date: 19th December 2001 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>	A9SE (W)	390	2	163780 34820
7	<p>Discharge Consents</p> <p>Operator: Mr Steven Dunk Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Bolankan Crowan, Praze-An-Beeble, Camborne, Cornwall, Tr14 9nd Authority: Environment Agency, South West Region Catchment Area: Hayle, Cornwall Reference: 303549 Permit Version: 1 Effective Date: 15th October 2007 Issued Date: 15th October 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Hayle 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>	A7NE (SE)	468	2	164910 34330

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Discharge Consents</p> <p>Operator: Clowance Estate Management Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Clowance Estate, Praze, Tr14 0pt Authority: Environment Agency, South West Region Catchment Area: Hayle, Cornwall Reference: 302315 Permit Version: 1 Effective Date: 24th October 2001 Issued Date: 24th October 2001 Revocation Date: 3rd March 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A9NE (W)	509	2	163651 34931
9	<p>Discharge Consents</p> <p>Operator: Mr A R Mock Property Type: Wooden Containers Location: The Studio, Carne Veau Farm, Crowan, CAMBORNE, Cornwall Authority: Environment Agency, South West Region Catchment Area: Hayle, Cornwall Reference: NRA-SW-6067/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th September 1993 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Treated Effluent Discharge: Land/Soakaway Environment: Receiving Water: Licence Status: Lapsed, Revoked Or Cancelled Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A12SW (E)	659	2	165430 34580
10	<p>Discharge Consents</p> <p>Operator: R Mock Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: The Ex-Railway Station, Praze, Camborne, Cornwall Authority: Environment Agency, South West Region Catchment Area: Hayle, Cornwall Reference: Nra-Sw-0931 Permit Version: 1 Effective Date: 14th June 1990 Issued Date: 14th June 1990 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>	A13SE (NW)	727	2	163700 35500
11	<p>Discharge Consents</p> <p>Operator: R Tremayne Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Carn Meor Farm And Dwelling, Blackrock, Camborne, Cornwall, Tr14 9ng Authority: Environment Agency, South West Region Catchment Area: Hayle, Cornwall Reference: 302848 Permit Version: 1 Effective Date: 26th June 2003 Issued Date: 27th June 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land 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 10m</p>	A8NW (SE)	794	2	165450 34360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<p>Discharge Consents</p> <p>Operator: Mr A Tennant Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Ferndown, Praze, Camborne, Cornwall Authority: Environment Agency, South West Region Catchment Area: Red River, Porthreath, & Perranwell Streams, Cornwall Reference: Nra-Sw-4930 Permit Version: 1 Effective Date: 6th August 1992 Issued Date: 6th August 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>	A14NE (N)	861	2	164280 35860
13	<p>Discharge Consents</p> <p>Operator: Mr E F & Mrs C J Dell Property Type: Not Given Location: Trethannas Farm Barn 2, Praze An Beeble, Camborne, Cornwall Authority: Environment Agency, South West Region Catchment Area: Red River, Porthreath, & Perranwell Streams, Cornwall Reference: 300070/SA/01/1/21 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 29th August 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A14NW (NW)	900	2	164060 35855
13	<p>Discharge Consents</p> <p>Operator: Simon Spencer Rolfe And Janis Christine Rolfe Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Trethannas Farm Barn 2, Praze An Beeble, Camborne, Cornwall Authority: Environment Agency, South West Region Catchment Area: Red River, Porthreath, & Perranwell Streams, Cornwall Reference: 300070/Sa/01 Permit Version: 1 Effective Date: 29th August 1996 Issued Date: 29th August 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NW)	905	2	164060 35860
13	<p>Discharge Consents</p> <p>Operator: Mr E F & Mrs C J Dell Property Type: Domestic Property (Single) Location: Trethannas Farm Barn 2, Praze An Beeble, Camborne, Cornwall Authority: Environment Agency, South West Region Catchment Area: Red River, Porthreath, & Perranwell Streams, Cornwall Reference: 300070/Sa/01 Permit Version: 1 Effective Date: 29th August 1996 Issued Date: 29th August 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A14NW (NW)	905	2	164060 35860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<p>Discharge Consents</p> <p>Operator: South West Water Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Holiday Village Pseo, Clowance, Cornwall Authority: Environment Agency, South West Region Catchment Area: Hayle, Cornwall Reference: 301575 Permit Version: 1 Effective Date: 1st October 2000 Issued Date: 1st October 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Hayle (S) 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>	A9NW (W)	950	2	163210 34940
15	<p>Integrated Pollution Prevention And Control</p> <p>Name: Thames Valley Eggs (Production) Ltd Location: Tremayne Farm, Tremayne Farm, Crowan,,Praze, CAMBORNE, Cornwall, TR14 9NB Authority: Environment Agency, South West Region Permit Reference: DP3238KW Original Permit Ref: Dp3238kw Effective Date: 20th November 2009 Status: Superseded By Variation Application Type: Transfer App. Sub Type: Whole without Fit and Proper Person Positional Accuracy: Automatically positioned to the address Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N</p>	A10SE (SW)	0	2	164440 34783
15	<p>Integrated Pollution Prevention And Control</p> <p>Name: Stonegate Horizon Location: Tremayne Farm, Crowan, Praze, Camborne, Cornwall, TR14 9NB Authority: Environment Agency, South West Region Permit Reference: VP3236MT Original Permit Ref: Vp3236mt Effective Date: 24th Augst 2007 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y</p>	A10SE (SW)	0	2	164440 34783
16	<p>Integrated Pollution Prevention And Control</p> <p>Name: Stonegate Agriculture Limited Location: Tremayne Farm Epr/Up3036zw, Tremayne Farm, Praze An Beeble,,, Cambourne, Cornwall, TR14 9NB Authority: Environment Agency, South West Region Permit Reference: LP3700LW Original Permit Ref: Up3036zw Effective Date: 28th May 2021 Status: Effective Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 10m Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N</p>	A10NE (W)	17	2	164410 34930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p>Integrated Pollution Prevention And Control</p> <p>Name: Thames Valley Foods Limited Location: Tremayne Farm Epr/Up3036zw, Tremayne Farm, Praze An Beeble,,, Cambourne, Cornwall, TR14 9NB Authority: Environment Agency, South West Region Permit Reference: UP3036ZW Original Permit Ref: Up3036zw Effective Date: 12th March 2013 Status: Superseded By Variation Application Type: Transfer App. Sub Type: Whole without Fit and Proper Person Positional Accuracy: Located by supplier to within 10m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y</p>	A10NE (W)	17	2	164410 34930
17	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Praze Filling Station Location: The Square, Praze An Beeble, Tr14 0jr Authority: Cornwall Council, Environmental Health Department Permit Reference: K013 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned within the geographical locality</p>	A13NE (NW)	917	3	163610 35674
	<p>Nearest Surface Water Feature</p>	A11NW (N)	1	-	164545 35025
18	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Septic Tank Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Sewage - Treated Effluent Note: Inadequate Design/Capacity Incident Date: 5th May 1992 Incident Reference: 61001963 Catchment Area: Red River, Porthreath, & Perranwell Streams, 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>	A10NE (NW)	211	2	164400 35200
19	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Cattle Manure (Solids) Store Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Animal Waste/Slurry Note: Poor Operational Practise Incident Date: 3rd March 1995 Incident Reference: 62015264 Catchment Area: Red River, Porthreath, & Perranwell Streams, 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>	A14NW (NW)	659	2	164000 35595
19	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Cattle Manure (Solids) Store Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Animal Waste/Slurry Note: Poor Operational Practise Incident Date: 26th April 1995 Incident Reference: 62009423 Catchment Area: Red River, Porthreath, & Perranwell Streams, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Leachate Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A14NW (NW)	664	2	164000 35600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Public Highway Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Unknown Note: Not Supplied Incident Date: 7th June 1994 Incident Reference: 62015168 Catchment Area: Red River, Porthreath, & Perranwell Streams, 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>	A14NE (N)	706	2	164300 35700
21	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Dairy Parlour Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Agricultural: Milk Note: Inadequate Design/Capacity Incident Date: 3rd June 1993 Incident Reference: 62003935 Catchment Area: Red River, Porthreath, & Perranwell Streams, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Effluent Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	923	2	165001 36001
	<p>River Quality</p> <p>Name: Praze R GQA Grade: River Quality A Reach: Cargenwen No.1 Reservoir-Praze Estimated Distance (km): 1.3 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	A10NE (N)	92	2	164463 35118
	<p>River Quality</p> <p>Name: Praze R GQA Grade: Not Supplied Reach: Cargenwen No.1 Reservoir Estimated Distance (km): .3 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	A11NE (NE)	255	2	165058 35164
	<p>River Quality</p> <p>Name: Hayle GQA Grade: River Quality A Reach: Source-B3303 Bridge Crowan Estimated Distance (km): 2.2 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	A6NE (SW)	292	2	164283 34413
	<p>River Quality</p> <p>Name: Hayle GQA Grade: River Quality A Reach: B3303 Bridge Crowan-Drym Farm Estimated Distance (km): 2.2 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	A10SW (W)	387	2	163843 34688
	<p>River Quality</p> <p>Name: Praze R GQA Grade: River Quality A Reach: Praze-Barripper Estimated Distance (km): 3.8 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	A14NW (NW)	643	2	164041 35589

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	Water Abstractions Operator: Thames Valley Eggs (Production) Limited Licence Number: 15/49/026/G/180 Permit Version: 101 Location: Tremayne, Crowan - Tapped Spring 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: Tremayne, Crowan, Praze, Camborne Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th January 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11NW (NE)	0	2	164700 35000
22	Water Abstractions Operator: Clifford Kent Limited Licence Number: 15/49/026/G/180 Permit Version: 100 Location: Tremayne, Crowan - Tapped Spring 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: Tremayne, Crowan, Praze, Camborne Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st September 1990 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NW (NE)	0	2	164700 35000
23	Water Abstractions Operator: SOUTH WEST WATER SVS LTD Licence Number: 1549026S035 Permit Version: Not Supplied Location: Cargenwyn Reservoir Authority: Environment Agency, South West Region Abstraction: Public Water Supply (South West Water) Abstraction Type: Not Supplied Source: Reservoir/Pond Daily Rate (m3): 2181.00 Yearly Rate (m3): 454600.00 Details: Camborne Water Act 1867; Cargenwyn Reservoir 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	A11NE (NE)	226	2	165001 35196
23	Water Abstractions Operator: South West Water Services Ltd Licence Number: 15/49/026/S/035 Permit Version: 100 Location: Cargenwyn Res Authority: Environment Agency, South West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Cargenwyn Reservoir Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd October 1984 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (NE)	228	2	165000 35200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	<p>Water Abstractions</p> <p>Operator: SOUTH WEST WATER SVS LTD Licence Number: 1549026S035 Permit Version: Not Supplied Location: Cargenwyn Reservoir, CAMBORNE, Cornwall Authority: Environment Agency, South West Region Abstraction: Public Water Supply (South West Water) Abstraction Type: Not Supplied Source: Reservoir/Pond Daily Rate (m3): 2182.00 Yearly Rate (m3): 454600.00 Details: Cargenwyn Res Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Manually positioned to the address or location</p>	A11NE (NE)	356	2	165160 35187
25	<p>Water Abstractions</p> <p>Operator: S & J Willis Licence Number: 15/49/252/S/004 Permit Version: 101 Location: Manor Mill, Crowan Authority: Environment Agency, South West Region Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Supply To Leat Serving, Manor Mill, Crowan Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th August 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SE)	453	2	164800 34300
25	<p>Water Abstractions</p> <p>Operator: V & H Drees Licence Number: 15/49/252/S/004 Permit Version: 100 Location: Manor Mill, Crowan Authority: Environment Agency, South West Region Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 7273 Yearly Rate (m3): 1240909 Details: Supply To Leat Serving, Manor Mill, Crowan Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th April 1988 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SE)	453	2	164800 34300
25	<p>Water Abstractions</p> <p>Operator: V J DREES & H DREES Licence Number: 1549252S004 Permit Version: Not Supplied Location: Supply To Leat Serving, Manor Mill, CROWAN Authority: Environment Agency, South West Region Abstraction: Water Power Abstraction Type: Not Supplied Source: River Daily Rate (m3): 7272.70 Yearly Rate (m3): 1240909.00 Details: Supply To Leat 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>	A7NW (SE)	457	2	164800 34295

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<p>Water Abstractions</p> <p>Operator: V J DREES & H DREES Licence Number: 1549252S004 Permit Version: Not Supplied Location: Supply To Leat Serving, Manor Mill, CROWAN Authority: Environment Agency, South West Region Abstraction: Private Water Supply (Water Power) Abstraction Type: Not Supplied Source: River Daily Rate (m3): 7272.70 Yearly Rate (m3): 1240909.00 Details: Lc 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>	A7NW (SE)	459	2	164805 34295
26	<p>Water Abstractions</p> <p>Operator: Mr & Mrs C Rogers Licence Number: 15/49/026/G/094 Permit Version: 100 Location: Santis Farm - 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: Santis Farm, Lower Cargenwen, Praze, Camborne. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th August 1984 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	468	2	165300 35000
27	<p>Water Abstractions</p> <p>Operator: Clowance Holdings Ltd Licence Number: 15/49/252/S/030 Permit Version: 100 Location: Clowance House, Crowan Authority: Environment Agency, South West Region Abstraction: General Agriculture: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Clowance House, Crowan Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th June 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A9SE (W)	598	2	163600 34700
27	<p>Water Abstractions</p> <p>Operator: Clowance Ltd Licence Number: 15/49/252/S/30 Permit Version: Not Supplied Location: Clowance House, CROWAN Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: River Daily Rate (m3): 864 Yearly Rate (m3): 315360 Details: Unnamed Stream 00036M0007919G Inst Rate > Not 0.01 Cumecs 12166 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>	A9SE (W)	598	2	163600 34700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	<p>Water Abstractions</p> <p>Operator: Mr & Mrs M A Needham Licence Number: 15/49/026/G/141 Permit Version: 102 Location: Carne Veau Farm - 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: Land At Carne Veau Farm, Crowan. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st October 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A12NW (E)	668	2	165500 35000
28	<p>Water Abstractions</p> <p>Operator: Mr & Mrs M A Needham Licence Number: 15/49/252/G/074 Permit Version: 102 Location: Carn View - Borehole 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: Land At Carn View, Crowan. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st October 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A12NW (E)	668	2	165500 35000
28	<p>Water Abstractions</p> <p>Operator: Mr & Mrs M A Needham Licence Number: 15/49/252/G/074 Permit Version: 102 Location: Carn View - Borehole Authority: Environment Agency, South West Region Abstraction: Household Water Supply: 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: Carn View, Crowan. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st October 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A12NW (E)	668	2	165500 35000
28	<p>Water Abstractions</p> <p>Operator: Mr & Mrs B T Watkins Licence Number: 15/49/252/G/074 Permit Version: 101 Location: Carn View - Borehole 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): 0 Yearly Rate (m3): 83 Details: Land At Carn View, Crowan. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th October 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	668	2	165500 35000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	<p>Water Abstractions</p> <p>Operator: Mr & Mrs B T Watkins Licence Number: 15/49/252/G/074 Permit Version: 101 Location: Carn View - Borehole Authority: Environment Agency, South West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 166 Details: Carn View, Crowan. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th October 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	668	2	165500 35000
28	<p>Water Abstractions</p> <p>Operator: Mr & Mrs B T Watkins Licence Number: 15/49/026/G/141 Permit Version: 101 Location: Carne Veau Farm - 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: Land At Carne Veau Farm, Crowan. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th October 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	668	2	165500 35000
28	<p>Water Abstractions</p> <p>Operator: A R MOCK Licence Number: 1549252G074 Permit Version: Not Supplied Location: Land At Carne View, And Carne View, CROWAN Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 0.50 Yearly Rate (m3): 166.00 Details: Borehole Depth :19 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 10m</p>	A12NW (E)	673	2	165506 35006
28	<p>Water Abstractions</p> <p>Operator: A R MOCK Licence Number: 1549252G074 Permit Version: Not Supplied Location: Land At Carne View, And Carne View, CROWAN Authority: Environment Agency, South West Region Abstraction: Private Water Supplies (Domestic) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 0.20 Yearly Rate (m3): 83.00 Details: Borehole Depth :19 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 10m</p>	A12NW (E)	674	2	165506 35001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<p>Water Abstractions</p> <p>Operator: Mr J A S Rowe Licence Number: 15/49/026/G/091 Permit Version: 100 Location: Carne Tremayne - Well C 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: Carne Tremayne, Praze, Camborne. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A15NW (N)	696	2	164800 35800
30	<p>Water Abstractions</p> <p>Operator: Mr D Temby Licence Number: 15/49/026/G/066 Permit Version: 100 Location: Carne Farm, Tremayne - Well 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: Carne Farm, Tremayne. 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>	A15NW (N)	701	2	164700 35800
31	<p>Water Abstractions</p> <p>Operator: Clowance Holdings Ltd Licence Number: 15/49/252/G/084/R01 Permit Version: 1 Location: Clowance House - Borehole Authority: Environment Agency, South West Region Abstraction: Golf Courses: Spray Irrigation - Direct 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 October Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13SE (NW)	704	2	163590 35335
31	<p>Water Abstractions</p> <p>Operator: Clowance Holdings Ltd Licence Number: 15/49/252/G/084/R01 Permit Version: 1 Location: Clowance House - Borehole Authority: Environment Agency, South West Region Abstraction: Holiday Sites; Camp Sites And Tourist Attractions: 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: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13SE (NW)	704	2	163590 35335

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	<p>Water Abstractions</p> <p>Operator: Clowance Holdings Ltd Licence Number: 15/49/252/G/084 Permit Version: 101 Location: Clowance House - Borehole Authority: Environment Agency, South West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Clowance House, Crowan Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 21st October 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13SE (NW)	719	2	163570 35330
31	<p>Water Abstractions</p> <p>Operator: Clowance Holdings Ltd Licence Number: 15/49/252/G/084 Permit Version: 101 Location: Clowance House - Borehole Authority: Environment Agency, South West Region Abstraction: Holiday Sites; Camp Sites And Tourist Attractions: 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: Clowance House, Crowan Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st October 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13SE (NW)	719	2	163570 35330
32	<p>Water Abstractions</p> <p>Operator: Mr O Drew Licence Number: 15/49/026/G/145 Permit Version: 100 Location: Prsopect Farm - Well C 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: Prospect Farm, Praze, Camborne. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A15NW (N)	714	2	164600 35800
33	<p>Water Abstractions</p> <p>Operator: MRS M A THOMPSON Licence Number: 1548232G009 Permit Version: Not Supplied Location: Croft Rose, BURRAS Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 1.40 Yearly Rate (m3): 455.00 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>	A16SW (NE)	727	2	165400 35500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	<p>Water Abstractions</p> <p>Operator: CLOWANCE HOLDINGS LTD Licence Number: 1549252G084 Permit Version: Not Supplied Location: Clowance House, CROWAN Authority: Environment Agency, South West Region Abstraction: Private Water Supply (Holiday Recreation/Hotels Etc) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 24.00 Yearly Rate (m3): 3320.00 Details: C 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>	A13SE (W)	757	2	163505 35295
34	<p>Water Abstractions</p> <p>Operator: Clowance Holdings Ltd Licence Number: 15/49/252/G/084 Permit Version: 100 Location: Clowance House - Borehole Authority: Environment Agency, South West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 24 Yearly Rate (m3): 2400 Details: Clowance House, Crowan Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 13th September 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13SE (W)	764	2	163500 35300
34	<p>Water Abstractions</p> <p>Operator: Clowance Holdings Ltd Licence Number: 15/49/252/G/084 Permit Version: 100 Location: Clowance House - Borehole Authority: Environment Agency, South West Region Abstraction: Holiday Sites, Camp Sites And Tourist Attractions: Laundry Use Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Clowance House, Crowan Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th September 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13SE (W)	764	2	163500 35300
35	<p>Water Abstractions</p> <p>Operator: Mr J A S Rowe Licence Number: 15/49/026/G/093 Permit Version: 100 Location: Trethannas Farm - Well 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: Trethannas Farm, Praze, Camborne. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A14NE (N)	859	2	164400 35900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	<p>Water Abstractions</p> <p>Operator: Mr J A S Rowe Licence Number: 15/49/026/G/092 Permit Version: 100 Location: Trethannas Farm - Well B 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: Trethannas Farm, Praze, Camborne. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A14NE (N)	859	2	164400 35900
36	<p>Water Abstractions</p> <p>Operator: Mr A S Blumenau Licence Number: 15/49/026/G/214 Permit Version: 100 Location: Cargenwen Farm - Borehole 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: Cargenwen Farm, Crowan. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th February 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A16SE (NE)	881	2	165620 35440
36	<p>Water Abstractions</p> <p>Operator: Mr A S Blumenau Licence Number: 15/49/026/G/214 Permit Version: 100 Location: Cargenwen Farm - Borehole Authority: Environment Agency, South West Region Abstraction: Holiday Sites; Camp Sites And Tourist Attractions: 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: Cargenwen Farm, Crowan. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th February 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A16SE (NE)	881	2	165620 35440
36	<p>Water Abstractions</p> <p>Operator: Mr A S Blumenau Licence Number: 15/49/026/G/214 Permit Version: 100 Location: Cargenwen Farm - Borehole Authority: Environment Agency, South West Region Abstraction: Household Water Supply: 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 Hideaway, Crowan. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th February 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A16SE (NE)	881	2	165620 35440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	Water Abstractions Operator: Messrs H & C Roberts Licence Number: 15/49/252/G/024 Permit Version: 100 Location: Carne-Meor Farm, Praze - Well 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: Carne-Meor Farm, Praze Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8SW (SE)	958	2	165300 34000
38	Water Abstractions Operator: Mr J D G Gabriel Licence Number: 15/49/026/G/118 Permit Version: 100 Location: Higher Peloe Farm, Crowan - Borehole 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): 9 Yearly Rate (m3): 3317 Details: Higher Peloe Farm, Crowan Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd April 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SW (NE)	998	2	165360 35920
	Water Abstractions Operator: J D G GABRIEL Licence Number: 1549026G118 Permit Version: Not Supplied Location: Higher Peloe Farm , CROWAN 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 71M 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	A20SW (NE)	1029	2	165300 35995
	Water Abstractions Operator: Mr & Mrs M C Hall Licence Number: 15/49/252/G/065 Permit Version: 100 Location: Carne Common Farm, Praze - Borehole 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): 0 Yearly Rate (m3): 113 Details: Carne Common Farm, Praze Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd May 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NE (E)	1031	2	165800 34500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Mr & Mrs M C Hall Licence Number: 15/49/252/G/065 Permit Version: 100 Location: Carne Common Farm, Praze - Borehole Authority: Environment Agency, South West Region Abstraction: Holiday Sites; Camp Sites And Tourist Attractions: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1 Yearly Rate (m3): 331 Details: Carne Common Farm, Praze Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd May 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A8NE (E)	1031	2	165800 34500
	<p>Water Abstractions</p> <p>Operator: J D G GABRIEL Licence Number: 1549026G118 Permit Version: Not Supplied Location: Higher Peloe Farm , CROWAN Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well Daily Rate (m3): 9.10 Yearly Rate (m3): 3318.00 Details: Depth 71M 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>	A20SW (NE)	1032	2	165305 35995
	<p>Water Abstractions</p> <p>Operator: Mr J D G Gabriel Licence Number: 15/49/026/G/118 Permit Version: 100 Location: Higher Peloe Farm, Crowan - Well 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): 9 Yearly Rate (m3): 3317 Details: Higher Peloe Farm, Crowan Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd April 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A20SW (NE)	1034	2	165300 36000
	<p>Water Abstractions</p> <p>Operator: MR M C & MRS D A HALL Licence Number: 1549252G065 Permit Version: Not Supplied Location: Land At Carne Common Farm &, Holiday Accomodation In Barn Conversion, CAMBORNE, Cornwall, TR14 9NB Authority: Environment Agency, South West Region Abstraction: Private Water Supply (Holiday Recreation/Hotels Etc) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 0.50 Yearly Rate (m3): 113.00 Details: Carne Common Fmland 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>	A8NE (E)	1034	2	165805 34505

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: J D G GABRIEL Licence Number: 1549026G118 Permit Version: Not Supplied Location: Higher Peloe Farm , CROWAN Authority: Environment Agency, South West Region Abstraction: Private Water Supply (Holiday Recreation/Hotels Etc) Abstraction Type: Not Supplied Source: Well Daily Rate (m3): 3.20 Yearly Rate (m3): 1161.00 Details: Depth 71m 7504 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>	A20SW (NE)	1036	2	165305 36000
	<p>Water Abstractions</p> <p>Operator: MR M C & MRS D A HALL Licence Number: 1549252G065 Permit Version: Not Supplied Location: Land At Carne Common Farm &, Holiday Accomodation In Barn Conversion, CAMBORNE, Cornwall, TR14 9NB Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 0.90 Yearly Rate (m3): 331.00 Details: Carne Common Fmland 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>	A8NE (E)	1036	2	165805 34500
	<p>Water Abstractions</p> <p>Operator: MR M C & MRS D A HALL Licence Number: 1549252G065 Permit Version: Not Supplied Location: Lands At, Carne Common Farm &, Holiday Accomodation In Barn Conversion Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 1.40 Yearly Rate (m3): 498.00 Details: Barn Holiday Accom 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>	A8NE (E)	1038	2	165805 34495
	<p>Water Abstractions</p> <p>Operator: J D G GABRIEL Licence Number: 1549026G118 Permit Version: Not Supplied Location: Higher Peloe Farm , CROWAN Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well Daily Rate (m3): 9.10 Yearly Rate (m3): 3317.00 Details: Depth 71m 7504 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>	A20SW (NE)	1040	2	165305 36005

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Miss E M Faulf Licence Number: 15/49/252/G/044 Permit Version: 101 Location: Oatfield Farm, Praze - Well 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: Oatfield Farm, Praze, Camborne Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 24th March 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A2NW (S)	1067	2	164100 33700
	<p>Water Abstractions</p> <p>Operator: Mr T S Faulf Licence Number: 15/49/252/G/044 Permit Version: 100 Location: Oatfield Farm, Praze - Well 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: Oatfield Farm, Praze, Camborne Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A2NW (S)	1067	2	164100 33700
	<p>Water Abstractions</p> <p>Operator: Mr T J Rowe Licence Number: 15/49/026/G/036 Permit Version: 100 Location: Black Rock Farm - Well 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: Blackrock Farm, Crowan, Camborne. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 6th January 1986 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(E)	1068	2	165900 35100
	<p>Water Abstractions</p> <p>Operator: Mr W H Pengilly Licence Number: 15/49/026/G/183 Permit Version: 100 Location: Borthog Farm - Well 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: Borthog Farm, Praze Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st August 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13NW (NW)	1080	2	163400 35700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr P W Speak Licence Number: 15/49/252/G/060 Permit Version: 100 Location: Higher Carne Farm, Crowan - Well 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: Higher Carne Farm, Crowan Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st July 1983 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8SE (SE)	1090	2	165700 34200
	Water Abstractions Operator: Mrs E H B Harvey Licence Number: 15/49/252/G/061 Permit Version: 100 Location: Sea View Farm, Crowan 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: Sea View Farm, Crowan Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 24th February 1981 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1168	2	166000 34800
	Water Abstractions Operator: Mr C Basher Licence Number: 15/49/252/G/023 Permit Version: 100 Location: Heatherview, Crowan - Well 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: Heatherview, Releath, Camborne 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	A3SE (S)	1244	2	164900 33500
	Water Abstractions Operator: Mr J A Cooke Licence Number: 15/49/026/G/027 Permit Version: 100 Location: Little Carvolth Farm - Well B 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: Little Carvolth Farm, Crowan, Praze, Camborne. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1988 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SE (NE)	1354	2	165800 36000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Mr J A Temby Licence Number: 15/49/026/G/127 Permit Version: 100 Location: Little Carvolth Farm - Well 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): 1 Yearly Rate (m3): 124 Details: Little Carvolth Farm, Praze, Camborne. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A20SE (NE)	1354	2	165800 36000
	<p>Water Abstractions</p> <p>Operator: MR D TEMBY Licence Number: 1549026G127 Permit Version: Not Supplied Location: C/O Carne Tremayne, PRAZE, Cornwall Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well Daily Rate (m3): 0.30 Yearly Rate (m3): 124.00 Details: Depth 8M 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>	A20SE (NE)	1355	2	165805 35995
	<p>Water Abstractions</p> <p>Operator: Unknown Operator Licence Number: 1549026G027 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well Daily Rate (m3): 0.50 Yearly Rate (m3): 200.00 Details: Borehole Depth :7 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>	A20SE (NE)	1358	2	165805 36000
	<p>Water Abstractions</p> <p>Operator: Mr C Eddy Licence Number: 15/49/252/G/073 Permit Version: 100 Location: Black Rock Farm Land, Praze - Borehole 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: Black Rock Farm Land, Praze, Camborne Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st March 1984 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(E)	1367	2	166200 35000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: ELCON WESTERN ELECTRICAL Licence Number: 1549026S056 Permit Version: Not Supplied Location: Land At Bodrivial, CAMBORNE Authority: Environment Agency, South West Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: River Daily Rate (m3): 1.10 Yearly Rate (m3): 415.00 Details: Licence Expires 31.01.85; Boswyn 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>	A20NW (NE)	1476	2	165500 36395
	<p>Water Abstractions</p> <p>Operator: ELCON WESTERN ELECTRICAL Licence Number: 1549026S056 Permit Version: Not Supplied Location: Land At Bodrivial, CAMBORNE Authority: Environment Agency, South West Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: River Daily Rate (m3): 81.80 Yearly Rate (m3): 7527.00 Details: Licence Expires 31.01.85; Boswyn 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>	A20NW (NE)	1480	2	165500 36400
	<p>Water Abstractions</p> <p>Operator: Mrs V Dalley Licence Number: 15/49/026/G/101 Permit Version: 100 Location: Higher Cargenwyn Farm - 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: Higher Cargenwyn Farm, Troon, Camborne. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd April 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(E)	1536	2	166300 35500
	<p>Water Abstractions</p> <p>Operator: Mr & Mrs J G Gorst Licence Number: 15/49/026/G/147 Permit Version: 100 Location: Higher Bodrivial Farm - Well 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: Higher Bodrivial Farm, Camborne. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd November 1975 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(N)	1553	2	165200 36600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: South West Water Services Ltd Licence Number: 15/49/026/S/057 Permit Version: 101 Location: 15/49/026/S/057,S1,Boswyn Stream Authority: Environment Agency, South West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Boswyn Stream Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th March 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(NE)	1635	2	165900 36300
	<p>Water Abstractions</p> <p>Operator: South West Water Services Ltd Licence Number: 15/49/026/G/189 Permit Version: 100 Location: 15/49/026/G/189,G6,Boswyn Shaft Authority: Environment Agency, South West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Boswyn Shaft Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd October 1984 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(NE)	1635	2	165900 36300
	<p>Water Abstractions</p> <p>Operator: South West Water Services Ltd Licence Number: 15/49/026/S/057 Permit Version: 100 Location: 15/49/026/S/057,S1,Boswyn Stream Authority: Environment Agency, South West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Boswyn Stream Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd October 1984 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(NE)	1635	2	165900 36300
	<p>Water Abstractions</p> <p>Operator: South West Water Services Ltd Licence Number: 15/49/026/G/189 Permit Version: 100 Location: 15/49/026/G/189,G4,Copper Hill Adit Authority: Environment Agency, South West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Copper Hill Adit Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd October 1984 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(NE)	1635	2	165900 36300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: SOUTH WEST WATER SVS LTD Licence Number: 1549026S057 Permit Version: Not Supplied Location: Boswyn Stream Authority: Environment Agency, South West Region Abstraction: Public Water Supply (South West Water) Abstraction Type: Not Supplied Source: River Daily Rate (m3): 6546.00 Yearly Rate (m3): 681900.00 Details: Replace 15/49/26/Co/12 (Part) 15/49/26/G/189 6546 Cm/D 1363820 Cm/Y 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>	(NE)	1635	2	165905 36295
	<p>Water Abstractions</p> <p>Operator: Mr P J Dalley Licence Number: 15/49/026/G/204 Permit Version: 100 Location: Higher Boswyn Farm - Well 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: Lands Of Higher Boswyn Farm, Camborne. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th October 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(NE)	1636	2	166000 36200
	<p>Water Abstractions</p> <p>Operator: W J H. V & P J Dalley Licence Number: 15/49/26/G/178 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 3 Yearly Rate (m3): 1162 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>	(NE)	1650	2	166300 35800
	<p>Water Abstractions</p> <p>Operator: HAS BEEN ALLOCATED FOR Licence Number: 1549252G013 Permit Version: Not Supplied Location: Skewes Farm , Praze, CAMBORNE Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well Daily Rate (m3): 1.40 Yearly Rate (m3): 495.00 Details: Licence Lapsed 29.04.86; Depth 3M 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>	(SW)	1692	2	163700 33200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: W J H, V & P J DALLEY Licence Number: 1549026G178 Permit Version: Not Supplied Location: Higher Boswyn Farm , Troon, CAMBORNE, Cornwall Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 3.20 Yearly Rate (m3): 1162.00 Details: Depth 28M 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>	(NE)	1696	2	166300 35895
	<p>Water Abstractions</p> <p>Operator: Wv&P Dalley Licence Number: 15/49/026/G/178 Permit Version: 100 Location: Oakdene Farm - 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: Oakdene Farm, Crowan. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th August 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(NE)	1698	2	166300 35900
	<p>Water Abstractions</p> <p>Operator: Mrs V Dalley Licence Number: 15/49/026/G/102 Permit Version: 100 Location: Higher Cargenwyn Farm - Well 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: Higher Cargenwyn Farm, Troon, Camborne. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd April 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(E)	1791	2	166500 35700
	<p>Water Abstractions</p> <p>Operator: Mr W J Siddall Licence Number: 15/49/026/S/065 Permit Version: 102 Location: Gew Farm, Crowan Authority: Environment Agency, South West Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Gew Farm, Crowan Authorised Start: 31 October Authorised End: 01 April Permit Start Date: 5th June 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(NW)	1794	2	162930 36240

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: 'Home Roots' Licence Number: 15/49/026/S/065 Permit Version: 101 Location: Gew Farm, Crowan Authority: Environment Agency, South West Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Gew Farm, Crowan Authorised Start: 31 October Authorised End: 01 April Permit Start Date: 11th October 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(NW)	1794	2	162930 36240
	<p>Water Abstractions</p> <p>Operator: Mr Cock Licence Number: 15/49/252/S/029 Permit Version: 100 Location: Clowance Wood Nurseries, Crowan - Stream Authority: Environment Agency, South West Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Clowance Wood Nurseries, Crowan Authorised Start: 01 April Authorised End: 30 November Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(W)	1806	2	162500 34200
	<p>Water Abstractions</p> <p>Operator: MR M W PACKER Licence Number: 1549026G136 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 2.30 Yearly Rate (m3): 818.00 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>	(NE)	1835	2	166400 36000
	<p>Water Abstractions</p> <p>Operator: Mr W H Roskilly Licence Number: 15/48/232/G/070 Permit Version: 100 Location: Releath Farm - Well 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: Releath Farm, Praze, Camborne Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(SE)	1858	2	166100 33500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Mr & Mrs S M Coleman Licence Number: 15/49/026/G/217 Permit Version: 101 Location: Highdowns - Borehole 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: Highdowns Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th May 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(NE)	1870	2	166410 36050
	<p>Water Abstractions</p> <p>Operator: Mr & Mrs S M Coleman Licence Number: 15/49/026/G/217 Permit Version: 101 Location: Highdowns - Borehole Authority: Environment Agency, South West Region Abstraction: Holiday Sites; Camp Sites And Tourist Attractions: 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: Holiday Accommodation At Highdowns Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th May 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(NE)	1870	2	166410 36050
	<p>Water Abstractions</p> <p>Operator: Mr & Mrs S M Coleman Licence Number: 15/49/026/G/217 Permit Version: 101 Location: Highdowns - 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: Residential Home At Highdowns Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th May 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(NE)	1870	2	166410 36050
	<p>Water Abstractions</p> <p>Operator: MR S WILDREN Licence Number: 1548232G035 Permit Version: Not Supplied Location: Bluepool Farm , NANCEGOLLAN Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well Daily Rate (m3): 0.90 Yearly Rate (m3): 332.00 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>	(S)	1939	2	165300 32900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	A11NW (W)	0	4	164527 34911
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	A11NW (N)	0	4	164527 35000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	A11NW (N)	0	4	164547 35026
	<p>Groundwater Vulnerability - Soluble Rock Risk</p> <p>None</p>				
	<p>Bedrock Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - A</p>	A11NW (W)	0	4	164527 34911
	<p>Bedrock Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - A</p>	A11NW (N)	0	4	164527 35000
	<p>Superficial Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - A</p>	A11NW (N)	0	4	164547 35026
39	<p>Source Protection Zones</p> <p>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.</p>	A13SE (NW)	472	2	163802 35234
40	<p>Source Protection Zones</p> <p>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.</p>	A13SE (NW)	668	2	163617 35310
	<p>Extreme Flooding from Rivers or Sea without Defences</p> <p>Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied</p>	A10NE (NW)	183	2	164369 35133

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A10NE (NW)	183	2	164369 35133
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 176.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NW (N)	1	5	164545 35025
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 453.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NE (W)	2	5	164190 34966
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NE (W)	2	5	164198 34974
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NE (NW)	12	5	164273 35038
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 243.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NW (N)	26	5	164567 35118
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NW (NE)	37	5	164782 35141
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NW (NE)	37	5	164787 35141

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NW (NE)	43	5	164816 35134
49	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NW (NE)	45	5	164814 35139
50	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NW (NE)	45	5	164810 35141
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NW (NE)	49	5	164818 35140
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 179.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NW (N)	68	5	164525 35100
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NW (N)	68	5	164562 35118
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 115.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NW (N)	68	5	164565 35119
55	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: Hayle, Red River and Northern Streams Primacy: 1	A10NE (NW)	84	5	164406 35078
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NE (NW)	97	5	164304 35015

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NE (NW)	109	5	164280 35042
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NE (NW)	122	5	164410 35085
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NE (NW)	138	5	164397 35094
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NE (NE)	139	5	164921 35152
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NE (NE)	145	5	164927 35155
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NE (NW)	163	5	164403 35139
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NE (NW)	174	5	164411 35163
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NE (NW)	175	5	164398 35156
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 265.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NE (NW)	179	5	164392 35151

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NE (NW)	179	5	164392 35151
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NE (N)	181	5	164458 35198
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NE (NE)	181	5	164979 35152
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NE (N)	183	5	164464 35201
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NE (NE)	184	5	164975 35163
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NE (N)	189	5	164495 35221
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NW (N)	189	5	164505 35225
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NE (NE)	192	5	164982 35166
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A15SW (N)	236	5	164573 35299

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 268.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cargenwen Reservoir Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A11NE (NE)	244	5	165033 35184
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A15SW (N)	253	5	164615 35330
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A6NE (SW)	270	5	164279 34515
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A6NE (SW)	270	5	164279 34515
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A6NE (SW)	315	5	164295 34456
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A6NE (SW)	317	5	164296 34453
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A6NE (SW)	318	5	164298 34450
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A6NE (SW)	321	5	164300 34444
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A6NE (S)	327	5	164487 34357

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NW (W)	335	5	163837 34998
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A6NE (S)	344	5	164449 34345
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NW (W)	348	5	163825 35004
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10NW (W)	348	5	163825 35004
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 160.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10SW (SW)	353	5	163981 34582
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10SW (SW)	358	5	163985 34578
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 255.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A6NE (SW)	359	5	164169 34406
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 282.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A7NW (S)	363	5	164592 34327
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A6NE (SW)	371	5	164177 34456

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A7NE (SE)	373	5	164918 34445
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14SE (NW)	374	5	164211 35338
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A7NW (S)	379	5	164734 34355
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 375.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14SE (NW)	381	5	164209 35345
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A7NW (S)	382	5	164689 34339
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A6NE (S)	383	5	164416 34313
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 139.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A6NE (SW)	387	5	164291 34363
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 140.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A12NW (E)	391	5	165216 35129
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A6NE (S)	394	5	164333 34333

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A7NW (SE)	401	5	164775 34346
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A7NW (SE)	402	5	164790 34350
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 2	A7NW (SE)	403	5	164809 34357
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A7NW (SE)	403	5	164811 34359
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 119.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A10SW (W)	404	5	163842 34657
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 2	A6NE (SW)	404	5	164196 34406
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A7NW (SE)	407	5	164820 34357
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 573.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A7NE (SE)	415	5	164836 34355
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A6NE (SW)	416	5	164172 34406

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A6NE (SW)	417	5	164209 34380
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 340.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9NE (W)	418	5	163761 35035
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 176.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 2	A9SE (W)	493	5	163728 34672
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9SE (W)	493	5	163728 34672
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A12NW (E)	495	5	165300 35209
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A12NW (E)	505	5	165310 35212
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A12NW (E)	517	5	165329 35191
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A16SW (NE)	520	5	165308 35258
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A12NW (E)	523	5	165334 35197

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A12NW (E)	526	5	165330 35218
121	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: Hayle, Red River and Northern Streams Primacy: 1	A12NW (E)	527	5	165331 35218
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A12NW (E)	527	5	165331 35218
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9SE (W)	544	5	163668 34679
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 2	A9SE (W)	544	5	163668 34679
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 2	A9SE (W)	548	5	163654 34699
126	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 79.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 2	A9SE (W)	549	5	163650 34706
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A16SW (E)	590	5	165381 35264
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A16SW (E)	594	5	165384 35265

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 130.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9SE (W)	599	5	163611 34672
130	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 120.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 2	A9SE (W)	620	5	163571 34717
131	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 77.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 2	A9SE (W)	620	5	163571 34717
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A16SW (E)	646	5	165436 35278
133	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 48.8 Watercourse Level: On ground surface Permanent: False Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A16SW (E)	648	5	165439 35276
134	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9SE (W)	660	5	163508 34808
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NE (NW)	663	5	164220 35627
136	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9SE (W)	669	5	163500 34802
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 144.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9SE (W)	675	5	163493 34803

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 2	A9SE (W)	686	5	163514 34680
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NW (NW)	688	5	164012 35629
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NW (NW)	688	5	164086 35674
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 536.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A5NE (SW)	692	5	163760 34321
142	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 101.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cargenwen Reservoirs Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A16SW (E)	694	5	165486 35281
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NW (NW)	696	5	164156 35659
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 121.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NE (N)	696	5	164270 35689
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NW (NW)	696	5	164147 35659
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 2	A9SE (W)	696	5	163504 34677

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 2	A9SE (W)	696	5	163504 34677
148	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: Hayle, Red River and Northern Streams Primacy: 2	A9SE (W)	698	5	163501 34680
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 174.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9SE (W)	699	5	163499 34682
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 2	A9SE (W)	703	5	163498 34675
151	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 34.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 2	A9SE (W)	705	5	163495 34674
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A5NE (SW)	705	5	163767 34309
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A5NE (SW)	707	5	163771 34303
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NE (N)	708	5	164270 35689
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NW (NW)	717	5	164086 35674

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 2	A9SE (W)	720	5	163491 34645
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 2	A9SE (W)	720	5	163491 34643
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9SE (W)	721	5	163492 34639
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A5NE (SW)	725	5	163813 34252
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A5NE (SW)	727	5	163813 34252
161	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 9.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NE (N)	730	5	164410 35767
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NE (N)	731	5	164308 35730
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NE (N)	732	5	164370 35755
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NE (N)	740	5	164380 35767

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
165	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NE (N)	740	5	164407 35776
166	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NE (N)	740	5	164407 35776
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 158.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NE (N)	745	5	164408 35782
168	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NW (NW)	753	5	163937 35673
169	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NW (NW)	753	5	163940 35674
170	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A15NW (N)	767	5	164538 35840
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A15NW (N)	772	5	164535 35845
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A16SE (E)	787	5	165586 35273
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A16SE (E)	793	5	165593 35273

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
174	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NW (NW)	799	5	163860 35692
175	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NW (NW)	812	5	163827 35691
176	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A13NE (NW)	828	5	163801 35695
177	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 167.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A13NE (NW)	828	5	163801 35695
178	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: Hayle, Red River and Northern Streams Primacy: 1	A16SE (E)	829	5	165629 35279
179	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NE (N)	838	5	164493 35903
180	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9SW (W)	845	5	163368 34615
181	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9SW (W)	850	5	163360 34623
182	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 359.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A14NE (N)	851	5	164239 35831

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
183	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9SW (W)	853	5	163357 34623
184	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 152.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A13NE (NW)	855	5	163777 35712
185	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 603.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9SW (W)	867	5	163343 34622
186	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A13NE (NW)	920	5	163628 35693
187	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9NW (W)	922	5	163243 35013
188	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9NW (W)	922	5	163243 35013
189	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 18.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9NW (W)	923	5	163240 34992
190	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 256.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9NW (W)	924	5	163237 34949
191	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9NW (W)	924	5	163237 34973

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
192	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9NW (W)	926	5	163235 34962
193	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A8SW (SE)	926	5	165259 34009
194	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 276.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A8SW (SE)	926	5	165259 34009
195	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9SW (W)	929	5	163251 34716
196	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A13NE (NW)	973	5	163575 35718
197	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Hayle, Red River and Northern Streams Primacy: 1	A9SW (W)	984	5	163194 34719

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
198	Historical Landfill Sites Licence Holder: Rudi Mock Location: Old Station Quarry, Praze Name: Old Station, Praze Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL08367 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: WM2/2/129, WM9/5/2/68	A14SW (NW)	489	2	163917 35389
	Local Authority Landfill Coverage Name: Kerrier District Council - Has no landfill data to supply		0	6	164527 34911
	Local Authority Landfill Coverage Name: Cornwall County Council - Had landfill data but passed it to the relevant environment agency		0	7	164527 34911
199	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1980	A14NW (NW)	933	-	163893 35848
200	Registered Landfill Sites Licence Holder: R Mock & Sons Licence Reference: WM/2/ 2/129 Site Location: Old Railway Station, Praze, Camborne, Cornwall Licence Easting: 163880 Licence Northing: 35390 Operator Location: Shalom, Crowan, Camborne, Cornwall Authority: Environment Agency - South West Region, Cornwall Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Some restriction on source of waste Restrictions: Status: Site Closed Dated: 1st October 1992 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Construction And Demolition Wastes Excav.Spoil, Soil, Stone, Rock Max.Waste Permitted (After Compac'N) Prohibited Waste: Cornwall Cat.B: 'Slightl Soluble' Cornwall Cat.C: 'Solid Putrescible' Cornwall Cat.D: 'Difficult Waste' Cornwall Cat.F: 'Toxic' Cornwall Cat.G: 'Prohibited' Fibrous Forms Of Asbestos (Special) Waste N.O.S.	A14SW (NW)	527	2	163880 35390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Upper Devonian Rocks (Undifferentiated)	A10NE (NW)	0	1	164364 34981
	BGS 1:625,000 Solid Geology Description: Unnamed Igneous Intrusion, Carboniferous To Permian	A11NW (W)	0	1	164527 34911
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11NW (W)	0	1	164527 34911
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11NW (W)	0	1	164500 34911
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic >120 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A10NE (W)	0	1	164396 34942
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic >120 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A10NE (NW)	35	1	164410 35000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic >120 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A10NW (W)	160	1	164000 34911

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 45 - 60 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>	A12NW (E)	356	1	165180 35128
	<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 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A15SE (NE)	451	1	165000 35500
	<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 - 2.2 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 200 - 300 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9SE (SW)	459	1	163813 34600
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 45 - 60 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>	A14SW (NW)	513	1	163942 35415
	<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 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>	A7SE (SE)	645	1	165018 34185
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 45 - 60 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>	A7SE (SE)	650	1	165000 34172

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 45 - 60 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>	A7SW (S)	784	1	164500 33899
	<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 - 2.2 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A16SW (NE)	808	1	165500 35500
	<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 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A3NW (S)	814	1	164500 33869
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 45 - 60 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 (E)	859	1	165626 34528
	<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 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>	A8SW (SE)	865	1	165244 34074
	<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 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A19SW (N)	896	1	164527 36000

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 - 2.2 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A19SE (NE)	922	1	165000 36000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 45 - 60 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>	A5NW (W)	923	1	163310 34550
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 45 - 60 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>	A3NE (SE)	972	1	165106 33863
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 60 - 120 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>	A5SE (SW)	991	1	163798 33961
201	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Five Acre Farm</p> <p>Location: Praze-An-Beeble, Camborne, Cornwall</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Reference: 22905</p> <p>Type: Opencast</p> <p>Status: Ceased</p> <p>Operator: Unknown Operator</p> <p>Operator Location: Not Supplied</p> <p>Periodic Type: Carboniferous, Permian</p> <p>Geology: Carnmenellis Intrusion (Carnmenellis Granite)</p> <p>Commodity: Igneous and Metamorphic Rock</p> <p>Positional Accuracy: Located by supplier to within 10m</p>	A15SE (NE)	195	1	164895 35265
202	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Newton Round</p> <p>Location: Praze-An-Beeble, Camborne, Cornwall</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Reference: 22904</p> <p>Type: Opencast</p> <p>Status: Ceased</p> <p>Operator: Unknown Operator</p> <p>Operator Location: Not Supplied</p> <p>Periodic Type: Carboniferous, Permian</p> <p>Geology: Carnmenellis Intrusion (Carnmenellis Granite)</p> <p>Commodity: Igneous and Metamorphic Rock</p> <p>Positional Accuracy: Located by supplier to within 10m</p>	A15SW (N)	271	1	164645 35355

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
203	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Clowance Quarry Location: Crowan, Praze, Camborne, Cornwall Source: British Geological Survey, National Geoscience Information Service Reference: 984 Type: Opencast Status: Ceased Operator: Cornwall County Council Operator Location: Not Supplied Periodic Type: Permian Geology: Unnamed Dyke, Permian Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m</p>	A14SW (NW)	525	1	163870 35380
204	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Higher Trethannas Quarry Location: Praze-An-Beeble, Camborne, Cornwall Source: British Geological Survey, National Geoscience Information Service Reference: 9437 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous, Permian Geology: Carnmenellis Intrusion (Carnmenellis Granite) Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m</p>	A15NW (N)	551	1	164590 35630
205	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Higher Trethannas Location: Praze-An-Beeble, Camborne, Cornwall Source: British Geological Survey, National Geoscience Information Service Reference: 22903 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous, Permian Geology: Carnmenellis Intrusion (Carnmenellis Granite) Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m</p>	A15NW (N)	626	1	164600 35710
206	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Cargenwen Location: Crowan, Helston, Cornwall Source: British Geological Survey, National Geoscience Information Service Reference: 81494 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Carnmenellis Intrusion (Carnmenellis Granite) Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m</p>	A16SE (NE)	847	1	165554 35490
207	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Praze-An-Beeble Location: Praze-An-Beeble, Helston, Cornwall Source: British Geological Survey, National Geoscience Information Service Reference: 81495 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Carnmenellis Intrusion (Carnmenellis Granite) Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NW)	928	1	163895 35844
	<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>	A11NW (W)	0	-	164500 34911

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Mining Instability Mining Evidence: Conclusive Metaliferous Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A11NW (N)	0	-	164527 35000
	Man-Made Mining Cavities Easting: 164200 Northing: 35200 Distance: 235 Quadrant Reference: A10 Quadrant Reference: NE Bearing Ref: NW Cavity Type: Unknown Mine Commodity: Unknown Solid Geology Detail: Mylor Slate Formation, Granite Superficial Geology No Details Detail:	A10NE (NW)	235	8	164200 35200
	Man-Made Mining Cavities Easting: 164200 Northing: 35200 Distance: 235 Quadrant Reference: A10 Quadrant Reference: NE Bearing Ref: NW Cavity Type: Unknown Mine Commodity: Unknown Solid Geology Detail: Mylor Slate Formation, Granite Superficial Geology No Details Detail:	A10NE (NW)	235	8	164200 35200
	Man-Made Mining Cavities Easting: 163800 Northing: 34200 Distance: 779 Quadrant Reference: A5 Quadrant Reference: SE Bearing Ref: SW Cavity Type: Unknown Mine Commodity: Unknown Solid Geology Detail: Mylor Slate Formation, Granite Superficial Geology Alluvium Detail:	A5SE (SW)	779	8	163800 34200
	Man-Made Mining Cavities Easting: 163800 Northing: 34200 Distance: 779 Quadrant Reference: A5 Quadrant Reference: SE Bearing Ref: SW Cavity Type: Unknown Mine Commodity: Unknown Solid Geology Detail: Mylor Slate Formation, Granite Superficial Geology Alluvium Detail:	A5SE (SW)	779	8	163800 34200
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	164527 34911
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	164527 35000
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	166	1	165000 34911
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	166	1	165000 35000
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	183	1	164197 34596
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	164527 35000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	164527 34911
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	164547 35026
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	166	1	165000 35000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	166	1	165000 34911
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	164527 34911
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	164547 35026
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	164527 35000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	166	1	165000 35000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	166	1	165000 34911
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	164527 34911
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	164527 35000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	166	1	165000 34911
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	166	1	165000 35000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	0	1	164690 35077
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	164396 34942
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	164527 34911
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	164527 35000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	164547 35026
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	74	1	164852 35134
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	166	1	165000 34911
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	166	1	165000 35000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	164527 34911
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	164527 35000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	164547 35026
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	166	1	165000 34911
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	166	1	165000 35000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	164527 34911
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	164527 35000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	164547 35026
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	166	1	165000 34911
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	166	1	165000 35000
	Radon Potential - Radon Affected Areas 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	A11NW (W)	0	1	164527 34911
	Radon Potential - Radon Affected Areas 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	A11NW (N)	0	1	164527 34996
	Radon Potential - Radon Protection Measures Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	164527 34911
	Radon Potential - Radon Protection Measures Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	164527 34996

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
208	<p>Contemporary Trade Directory Entries</p> <p>Name: C W Autos Location: Bolitho House, Tremayne, Praze, Camborne, TR14 9PH Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A10NE (NW)	144	-	164353 35088
209	<p>Contemporary Trade Directory Entries</p> <p>Name: Abacus Location: Higher Trethannas, Praze, Camborne, Cornwall, TR14 9PQ Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A15NW (N)	732	-	164588 35816
209	<p>Contemporary Trade Directory Entries</p> <p>Name: Abacus & Penwith Pest Control Location: Prospect Farm, Higher Trethanna, Camborne, Cornwall, TR14 9PQ Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A15NW (N)	732	-	164588 35816
209	<p>Contemporary Trade Directory Entries</p> <p>Name: Abacus Pest Control Location: Prospect Farm, Higher Trethannas, Praze, Camborne, TR14 9PQ Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A15NW (N)	732	-	164591 35817
210	<p>Contemporary Trade Directory Entries</p> <p>Name: Penwith Pest Control Location: Higher Trethannas, Praze, Camborne, Cornwall, TR14 9PQ Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A14NE (N)	822	-	164421 35868
211	<p>Contemporary Trade Directory Entries</p> <p>Name: Jays Gates Location: Praze Forge, School Road, Praze, Camborne, Cornwall, TR14 0LB Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (NW)	833	-	163760 35677
211	<p>Contemporary Trade Directory Entries</p> <p>Name: Southwest Seating Location: The Old Cornwall Farmers Building, School Road, Praze, Camborne, Cornwall, TR14 0LB Classification: Seating Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A13NE (NW)	867	-	163742 35706
212	<p>Contemporary Trade Directory Entries</p> <p>Name: Miss Tea Location: 4, St. Aubyn Estate, Praze, Camborne, TR14 0LE Classification: Gas Companies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NW (NW)	839	-	163838 35726
213	<p>Contemporary Trade Directory Entries</p> <p>Name: Praze Mot Centre Location: Unit 2, Praze Business Park, School Road, Praze, Camborne, Cornwall, TR14 0LQ Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (NW)	861	-	163674 35653
213	<p>Contemporary Trade Directory Entries</p> <p>Name: Cornwall Farmers Ltd Location: School Road, Praze, Camborne, Cornwall, TR14 0LB Classification: Agricultural Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (NW)	863	-	163694 35670
213	<p>Contemporary Trade Directory Entries</p> <p>Name: S W Cellar Tech Location: 1, School Road, Praze, Camborne, Cornwall, TR14 0LB Classification: Brewers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (NW)	870	-	163724 35698

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
214	Contemporary Trade Directory Entries Name: Praze Filling Station Location: School Road, Praze, Camborne, Cornwall, TR14 0LB Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NW)	875	-	163646 35648
214	Contemporary Trade Directory Entries Name: Praze Filling Station Location: School Road, Praze, Camborne, Cornwall, TR14 0LB Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NW)	875	-	163646 35648
214	Contemporary Trade Directory Entries Name: Praze Filling Station Location: The Square, Praze, Camborne, Cornwall, TR14 0LB Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (NW)	875	-	163645 35648
215	Contemporary Trade Directory Entries Name: Chris Blewett Location: Carn Tremayne Cottage, Praze, Camborne, Cornwall, TR14 9PG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (N)	921	-	164804 36025
216	Contemporary Trade Directory Entries Name: S Forwood Location: 49, Trethannas Gardens, Praze, Camborne, Cornwall, TR14 0LL Classification: Washing Machines - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NW)	980	-	163841 35879
217	Fuel Station Entries Name: Praze Filling Station Location: B3303, Praze An Beeble, Camborne, Cornwall, TR14 0LB Brand: Unbranded Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A13NE (NW)	875	-	163646 35648
218	Points of Interest - Commercial Services Name: C W Autos Location: Bolitho House, Tremayne, Praze An Beeble, TR14 9PH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A10NE (NW)	144	9	164353 35088
218	Points of Interest - Commercial Services Name: C W Autos Location: Bolitho House, Tremayne, Praze, Camborne, TR14 9PH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A10NE (NW)	145	9	164354 35089
219	Points of Interest - Commercial Services Name: Abacus Location: Higher Trethannas, Praze, Camborne, TR14 9PQ Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A15NW (N)	732	9	164588 35816
219	Points of Interest - Commercial Services Name: Penwith Pest Control Location: Prospect Farm, Higher Trethanna, Camborne, Cornwall, TR14 9PQ Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A15NW (N)	732	9	164588 35816
219	Points of Interest - Commercial Services Name: Abacus Pest Control Location: Prospect Farm, Praze An Beeble, TR14 9PQ Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A15NW (N)	732	9	164591 35817
220	Points of Interest - Commercial Services Name: Chris Blewett Location: Carn Tremayne Farm, Praze, Camborne, TR14 9PG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	736	9	164808 35840

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
221	Points of Interest - Commercial Services Name: Jays Gates Location: Praze Forge, School Road, Praze, Camborne, TR14 0LB Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A13NE (NW)	833	9	163760 35677
221	Points of Interest - Commercial Services Name: Angove Car Body Repairs Location: Praze Forge, School Road, Praze, Camborne, TR14 0LB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NW)	833	9	163760 35677
222	Points of Interest - Commercial Services Name: Praze M O T Centre Location: Unit 2 Praze Business Park, School Road, Praze, Camborne, TR14 0LQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NW)	861	9	163674 35653
223	Points of Interest - Commercial Services Name: Chris Blewett Location: Carn Tremayne Cottage, Praze, Camborne, TR14 9PG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (N)	921	9	164804 36025
224	Points of Interest - Manufacturing and Production Name: Stonegate Horizon Ltd Location: Crowan, Praze, Camborne, TR14 9NB Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to address or location	A10SE (SW)	0	9	164440 34783
224	Points of Interest - Manufacturing and Production Name: Stonegate Horizon Ltd Location: Crowan, Praze, Camborne, TR14 9NB Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to address or location	A10SE (SW)	0	9	164440 34783
225	Points of Interest - Manufacturing and Production Name: Poultry Farm Location: TR14 Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to address or location	A7NW (S)	295	9	164625 34409
225	Points of Interest - Manufacturing and Production Name: Poultry Farm Location: TR14 Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to an adjacent address or location	A7NW (S)	325	9	164623 34376
226	Points of Interest - Manufacturing and Production Name: Tank Location: TR14 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16SW (NE)	528	9	165241 35380
227	Points of Interest - Manufacturing and Production Name: Solar Panel Location: TR14 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A7NE (SE)	554	9	165093 34350
227	Points of Interest - Manufacturing and Production Name: Tank Location: TR14 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SE)	555	9	165108 34360
228	Points of Interest - Manufacturing and Production Name: Tank Location: TR14 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SW (S)	652	9	164679 34052

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
229	Points of Interest - Manufacturing and Production Name: Tank Location: TR14 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16SE (NE)	772	9	165539 35358
229	Points of Interest - Manufacturing and Production Name: Tank Location: TR14 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16SE (NE)	772	9	165515 35406
229	Points of Interest - Manufacturing and Production Name: Tank Location: TR14 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16SE (NE)	813	9	165546 35435
230	Points of Interest - Public Infrastructure Name: Sluice Location: TR14 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A11NE (NE)	244	9	165036 35181
230	Points of Interest - Public Infrastructure Name: Sluice Location: TR14 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A11NE (NE)	252	9	165045 35181
231	Points of Interest - Public Infrastructure Name: Sluice Location: TR14 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	501	9	163713 34685
232	Points of Interest - Public Infrastructure Name: Slurry Bed Location: TR14 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SW (E)	528	9	165320 34655
233	Points of Interest - Public Infrastructure Name: Sluice Location: TR14 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	677	9	163490 34811
233	Points of Interest - Public Infrastructure Name: Sluice Location: TR14 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	678	9	163489 34809
234	Points of Interest - Public Infrastructure Name: Sluice Location: TR14 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	693	9	163509 34673
234	Points of Interest - Public Infrastructure Name: Sluice Location: TR14 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	696	9	163507 34669
235	Points of Interest - Public Infrastructure Name: Praze Filling Station Location: School Road, Praze, Camborne, TR14 0LB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NE (NW)	875	9	163646 35648

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
235	Points of Interest - Public Infrastructure Name: Praze Filling Station Location: The Square, Praze, Camborne, Cornwall, TR14 0LB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NE (NW)	875	9	163645 35648
235	Points of Interest - Public Infrastructure Name: Praze Filling Station Location: 5 The Square, Praze, Camborne, TR14 0JR Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NE (NW)	875	9	163646 35648
236	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	676	9	163489 34830
236	Points of Interest - Recreational and Environmental Name: Play Area Location: Nr Station Hill, TR14 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9SW (W)	690	9	163475 34826
237	Points of Interest - Recreational and Environmental Name: Play Area Location: TR14 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NE (NW)	895	9	163570 35608

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
238	Nitrate Vulnerable Zones Name: Hayle Description: Groundwater Source: Environment Agency, Head Office	A11NW (W)	0	4	164527 34911
239	World Heritage Sites Name: Cornwall and West Devon Mining Landscape Reference: 1000105 Area(m ²): 197096576.34 Source: Historic England Designation Date: 1st January 2006	A10SW (W)	309	10	163859 34829

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Penwith District Council (now part of Cornwall Council) - Environmental Health Department Kerrier District Council (now part of Cornwall Council) - Environmental Health Department Environment Agency - Head Office Cornwall Council - Environmental Health Department	December 2008 June 2009 June 2020 October 2017	Not Applicable Annually Annually
Discharge Consents Environment Agency - South West Region	October 2022	Quarterly
Enforcement and Prohibition Notices Environment Agency - South West Region	March 2013	
Integrated Pollution Controls Environment Agency - South West Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - South West Region	July 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control Kerrier District Council (now part of Cornwall Council) - Environmental Health Department Penwith District Council (now part of Cornwall Council) - Environmental Health Department Cornwall Council - Environmental Health Department	December 2008 December 2008 September 2014	Not Applicable Not Applicable Variable
Local Authority Pollution Prevention and Controls Kerrier District Council (now part of Cornwall Council) - Environmental Health Department Penwith District Council (now part of Cornwall Council) - Environmental Health Department Cornwall Council - Environmental Health Department	December 2008 December 2008 September 2014	Not Applicable Not Applicable Annually
Local Authority Pollution Prevention and Control Enforcements Kerrier District Council (now part of Cornwall Council) - Environmental Health Department Penwith District Council (now part of Cornwall Council) - Environmental Health Department Cornwall Council - Environmental Health Department	December 2008 December 2008 September 2014	Not Applicable Not Applicable Variable
Nearest Surface Water Feature Ordnance Survey	September 2022	
Pollution Incidents to Controlled Waters Environment Agency - South West Region	September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - South West Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - South West Region	March 2013	
Registered Radioactive Substances Environment Agency - South West Region	June 2016	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon and Cornwall Area	July 2022 July 2022	Quarterly Quarterly
Water Abstractions Environment Agency - South West Region	October 2022	Quarterly
Water Industry Act Referrals Environment Agency - South West Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually

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

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	April 2022	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - South West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon and Cornwall Area	October 2022 October 2022	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon and Cornwall Area	July 2022 July 2022	Quarterly Quarterly
Local Authority Landfill Coverage Cornwall County Council (now part of Cornwall Council) Kerrier District Council (now part of Cornwall Council) - Environmental Health Department Penwith District Council (now part of Cornwall Council)	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Cornwall County Council (now part of Cornwall Council) Kerrier District Council (now part of Cornwall Council) - Environmental Health Department Penwith District Council (now part of Cornwall Council)	October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon and Cornwall Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon and Cornwall Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon and Cornwall Area	June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Cornwall County Council (now part of Cornwall Council) Kerrier District Council (now part of Cornwall Council) Cornwall Council - Planning Department Kerrier District Council (now part of Cornwall Council) - Planning Department Penwith District Council (now part of Cornwall Council)	January 2009 May 2007 May 2016 October 2008 September 2008	Annual Rolling Update Not Applicable Variable Not Applicable Not Applicable
Planning Hazardous Substance Consents Cornwall County Council (now part of Cornwall Council) Kerrier District Council (now part of Cornwall Council) Cornwall Council - Planning Department Kerrier District Council (now part of Cornwall Council) - Planning Department Penwith District Council (now part of Cornwall Council)	January 2009 May 2007 May 2016 October 2008 September 2008	Annual Rolling Update Not Applicable Variable Annual Rolling Update Not Applicable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

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

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Cornwall Council - Planning Department Kerrier District Council (now part of Cornwall Council) - Planning Department Penwith District Council (now part of Cornwall Council)	July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Cornwall Council - Planning Department Kerrier District Council (now part of Cornwall Council) - Planning Department Penwith District Council (now part of Cornwall Council)	July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	August 2022	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually
World Heritage Sites Historic England	July 2022	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	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
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	Kerrier District 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	Historic England 1 Waterhouse Square, 138 - 142 Holborn, London, EC1N 2ST	Telephone: 0370 333 0607 Email: customers@historicengland.org.uk Website: www.historicengland.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
- Bracken
- Heath
- Rough Grassland
- Marsh
- Reeds
- Saltings
- Building
- Glasshouse
- Direction of Flow of Water
- Shingle
- Sand
- 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
- Civil Parish
- BP, BS Boundary Post or Stone
- Ch Church
- CH Club House
- F E Sta Fire Engine Station
- FB Foot Bridge
- Fn Fountain
- GP Guide Post
- MP Mile Post
- MS Mile Stone
- Pol Sta Police Station
- PO Post Office
- PC Public Convenience
- PH Public House
- SB Signal Box
- Spr Spring
- TCB Telephone Call Box
- TCP Telephone Call Post
- W Well

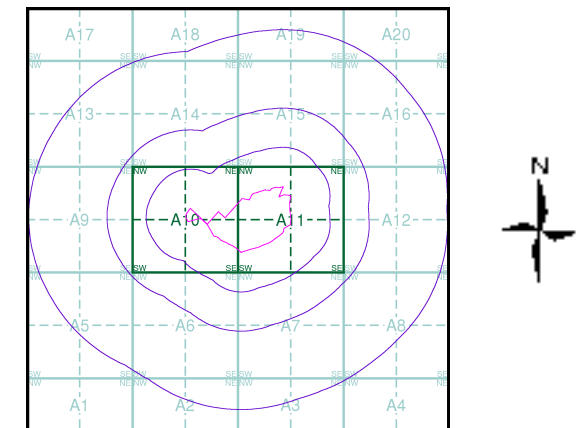
1:10,000 Raster Mapping

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

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Cornwall & Isles Of Scilly	1:10,560	1887 - 1888	2
Cornwall & Isles Of Scilly	1:10,560	1908 - 1909	3
Ordnance Survey Plan	1:10,000	1963	4
Ordnance Survey Plan	1:10,000	1975	5
Ordnance Survey Plan	1:10,000	1980 - 1981	6
10K Raster Mapping	1:10,000	2000	7
10K Raster Mapping	1:10,000	2006	8
VectorMap Local	1:10,000	2022	9

Historical Map - Slice A

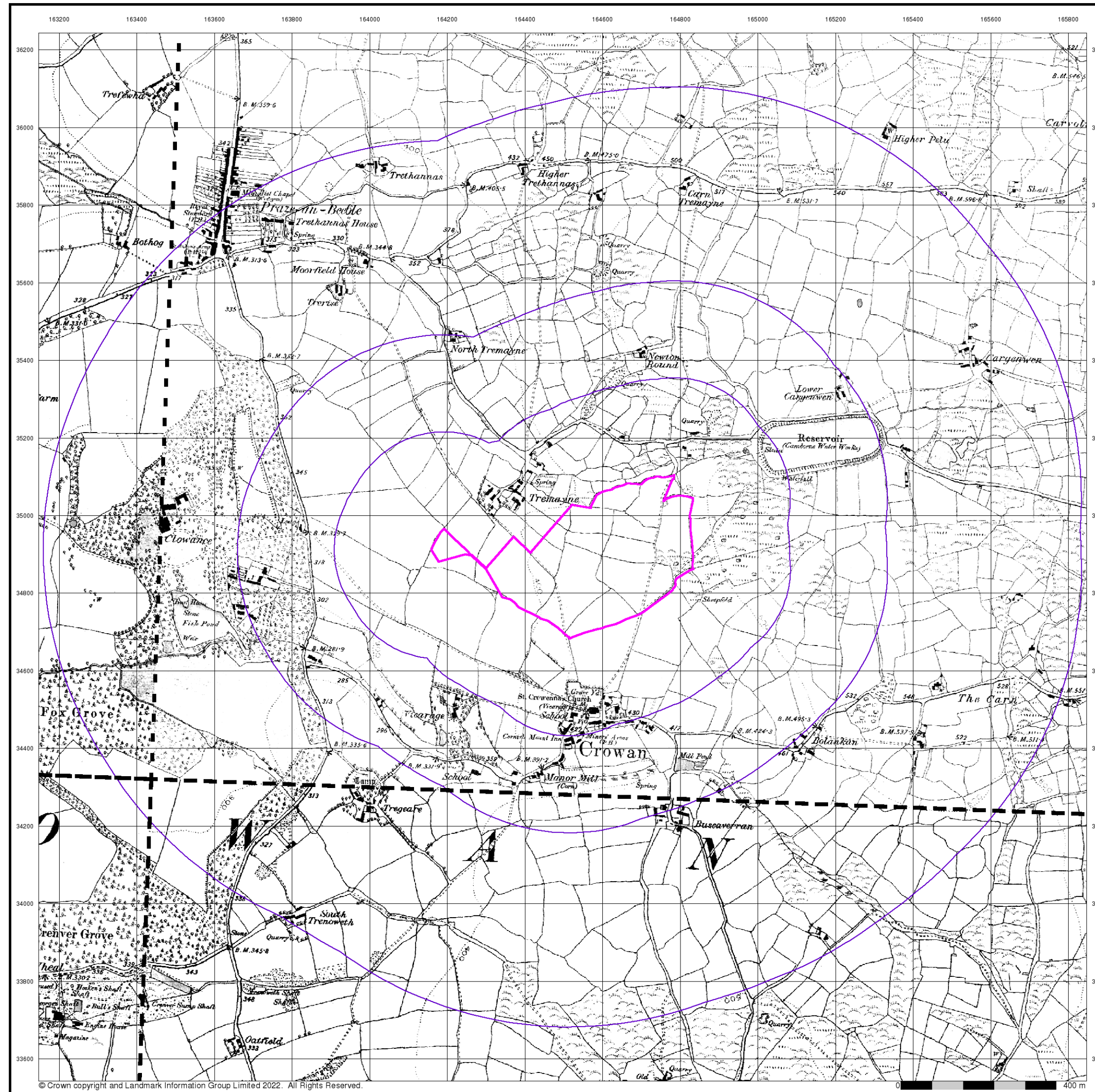


Order Details

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Customer Ref: 21413
National Grid Reference: 164530, 34910
Slice: A
Site Area (Ha): 14.13
Search Buffer (m): 1000

Site Details

Tremayne Farm, Crowan, Praze, CAMBORNE, TR14 9NB



Cornwall & Isles Of Scilly

Published 1887 - 1888

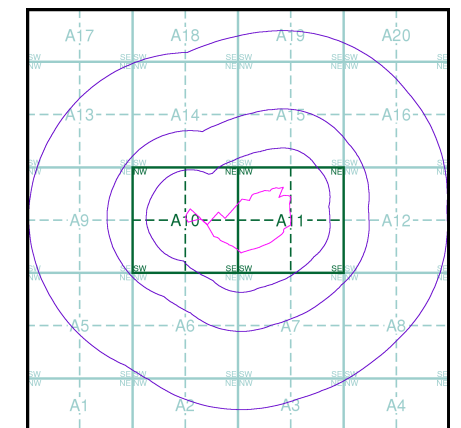
Source map scale - 1:10,560

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)

069NE 1888 1:10,560	070NW 1888 1:10,560
069SE 1887 1:10,560	070SW 1888 1:10,560

Historical Map - Slice A

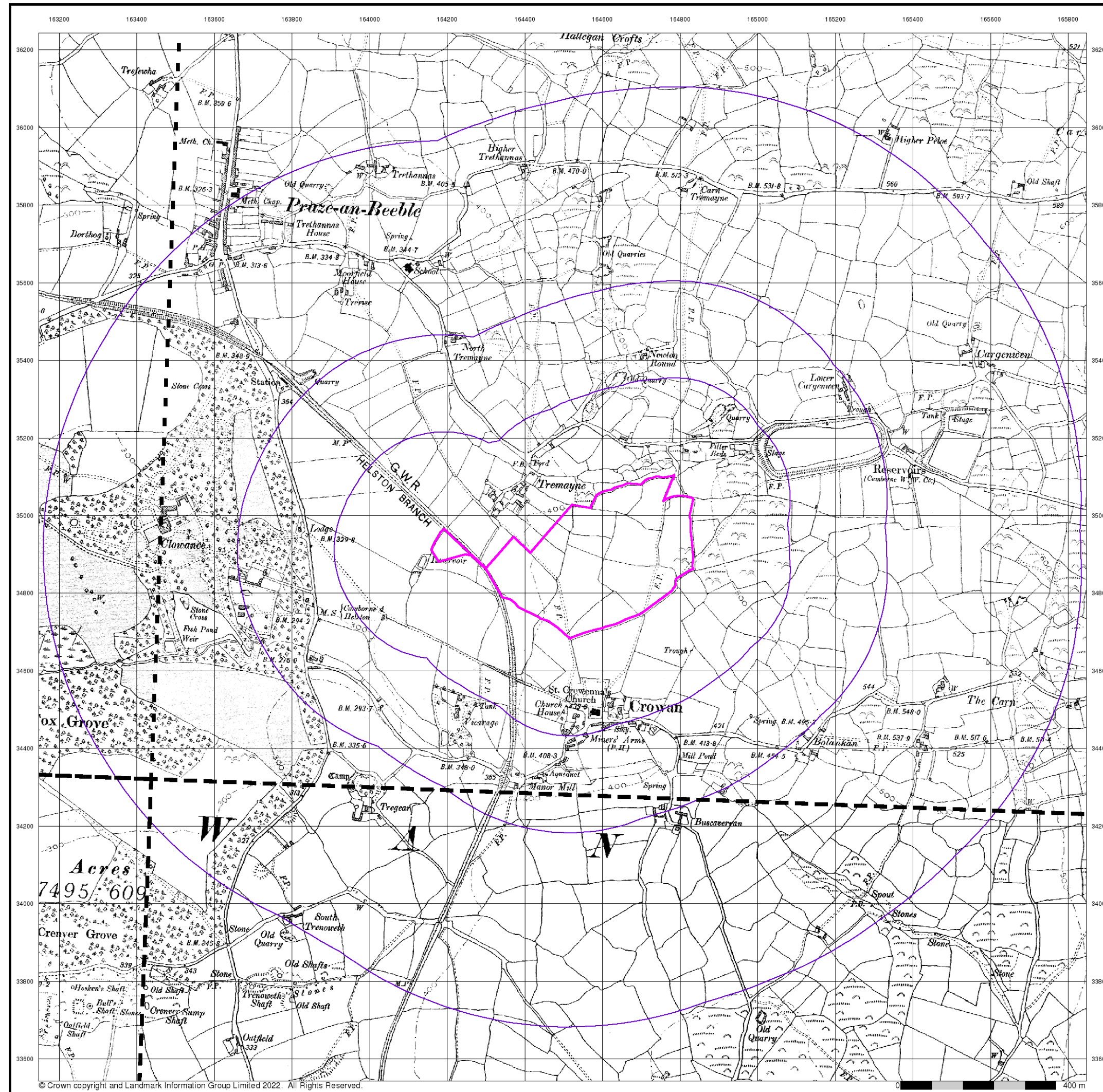


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Site Details

Tremayne Farm, Crowan, Praze, CAMBORNE, TR14 9NB



Cornwall & Isles Of Scilly

Published 1908 - 1909

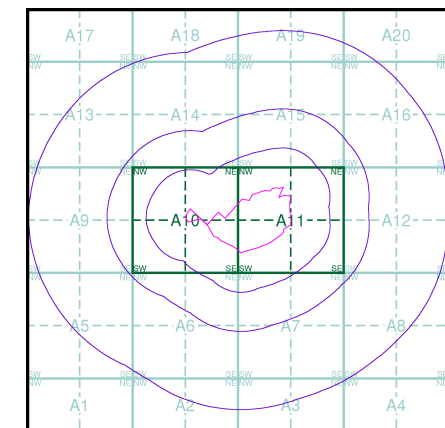
Source map scale - 1:10,560

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)

069NE 1908 1:10,560	070NW 1908 1:10,560
069SE 1908 1:10,560	070SW 1909 1:10,560

Historical Map - Slice A

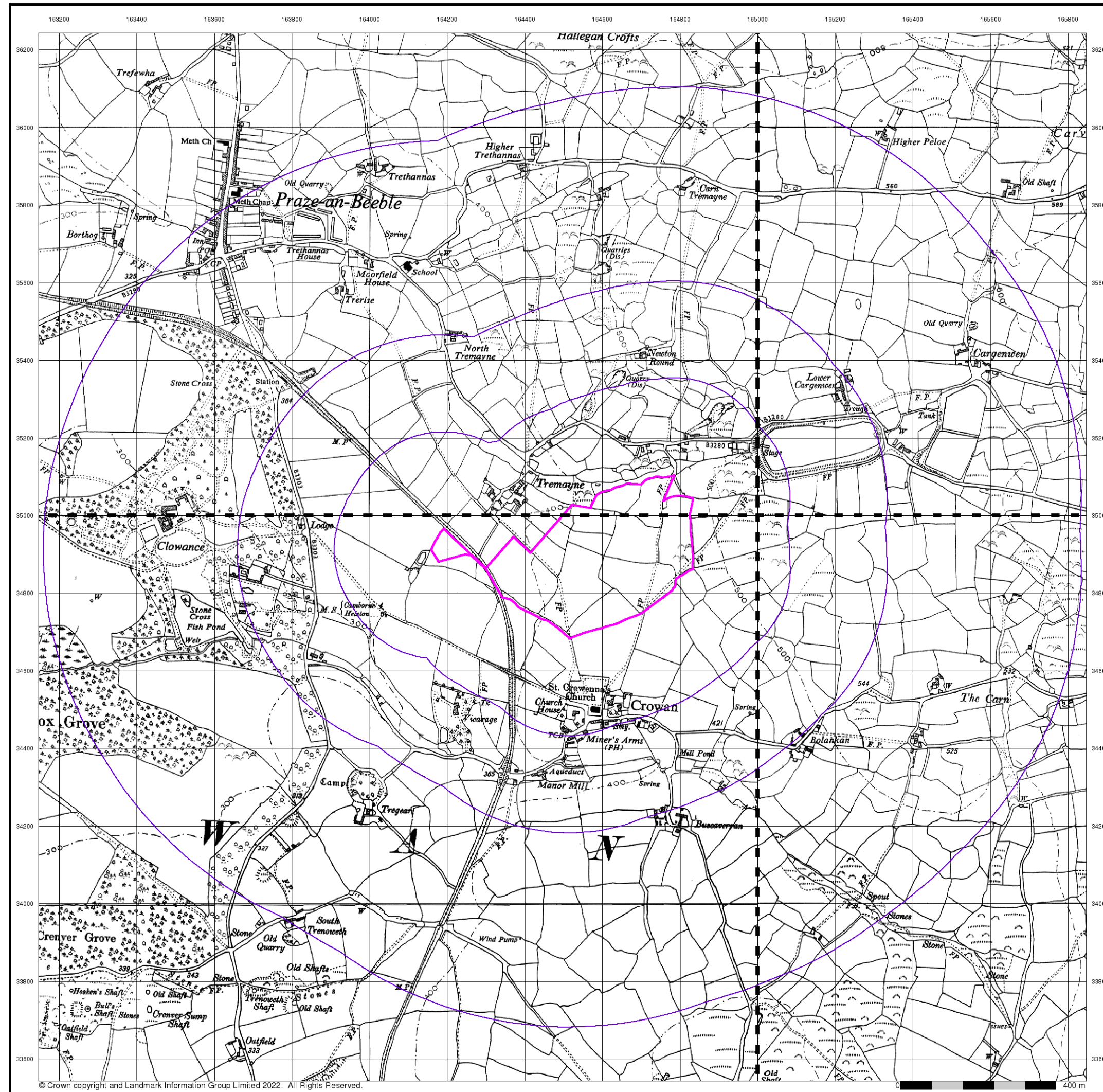


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Site Details

Tremayne Farm, Crowan, Praise, CAMBORNE, TR14 9NB



Ordnance Survey Plan

Published 1963

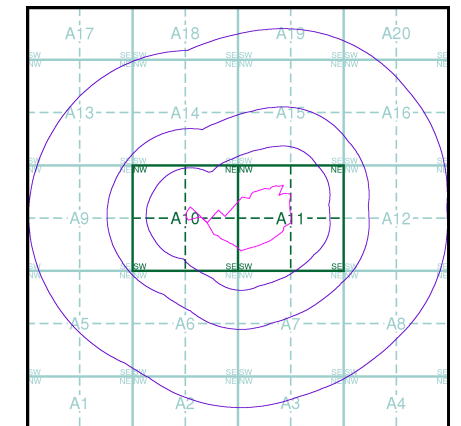
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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)

SW63NW	SW63NE
1963	1963
1:10,560	1:10,560
SW63SW	SW63SE
1963	1963
1:10,560	1:10,560

Historical Map - Slice A

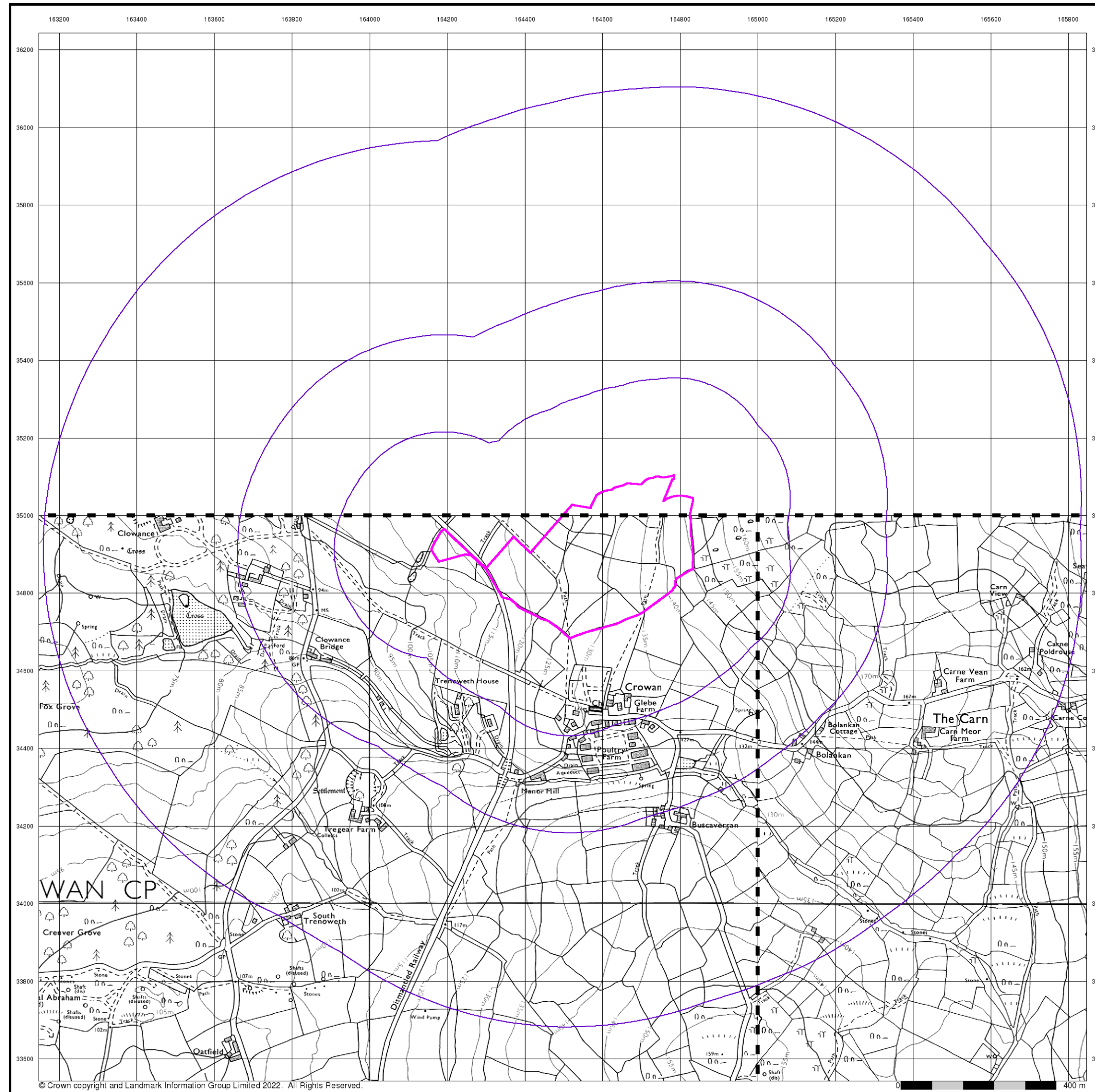


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Site Details

Tremayne Farm, Crowan, Praze, CAMBORNE, TR14 9NB



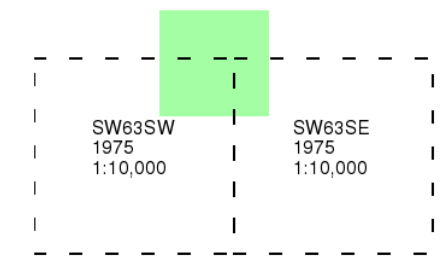
Ordnance Survey Plan

Published 1975

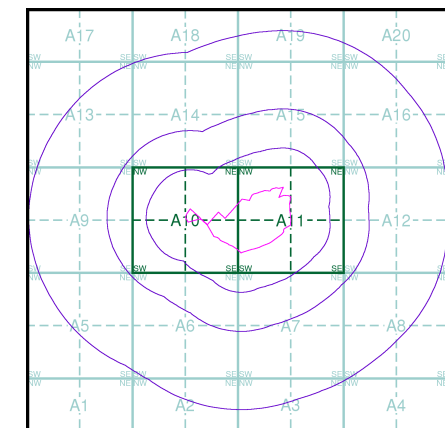
Source map scale - 1:10,000

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

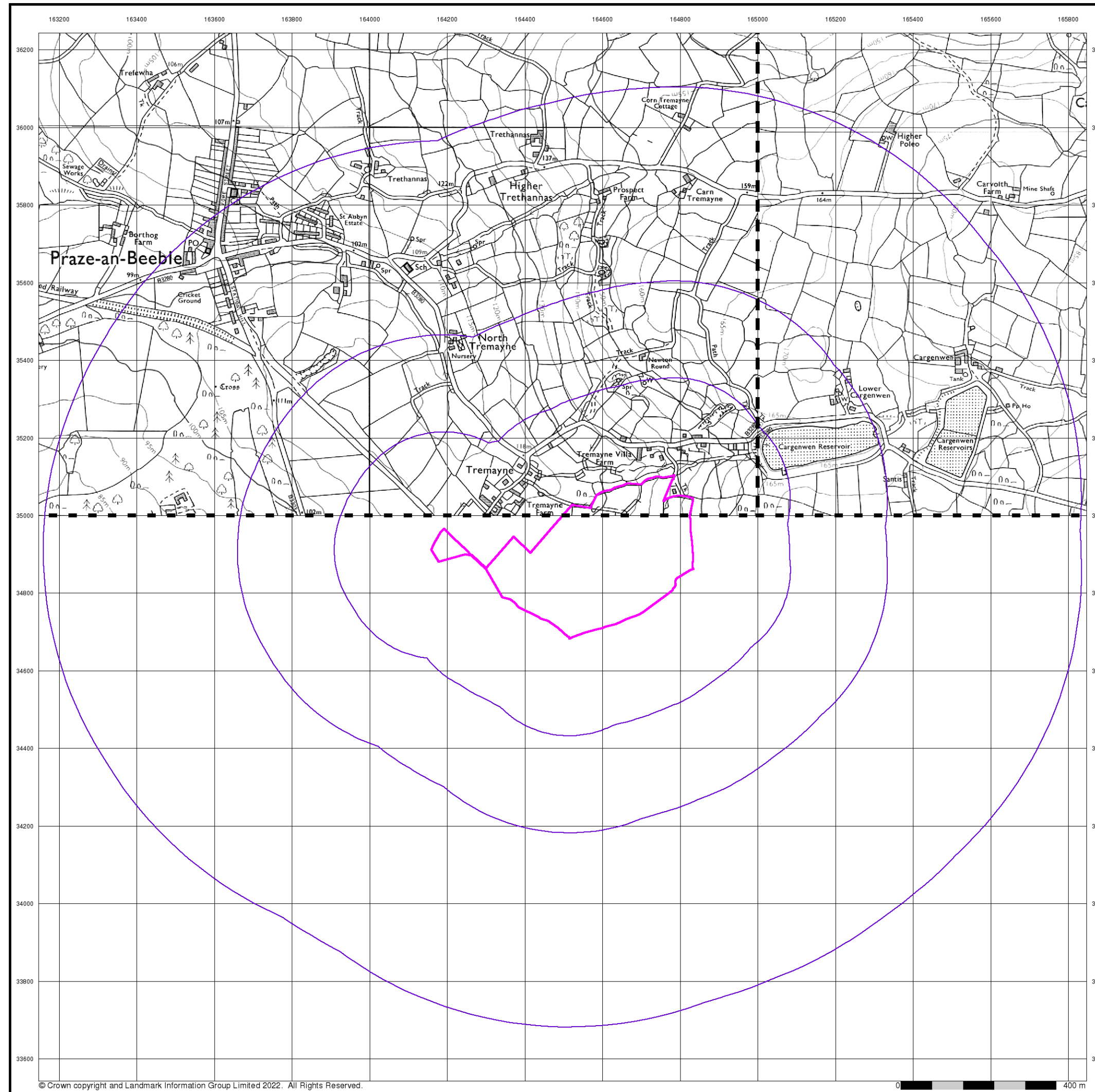


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Site Details

Tremayne Farm, Crowan, Praze, CAMBORNE, TR14 9NB



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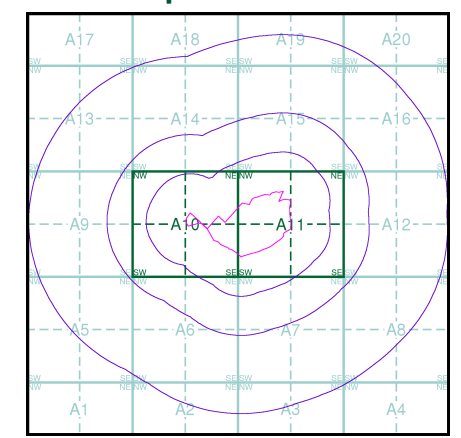
Ordnance Survey Plan
Published 1980 - 1981
Source map scale - 1:10,000

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)

SW63NW 1980 1:10,000	SW63NE 1981 1:10,000
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Historical Map - Slice A

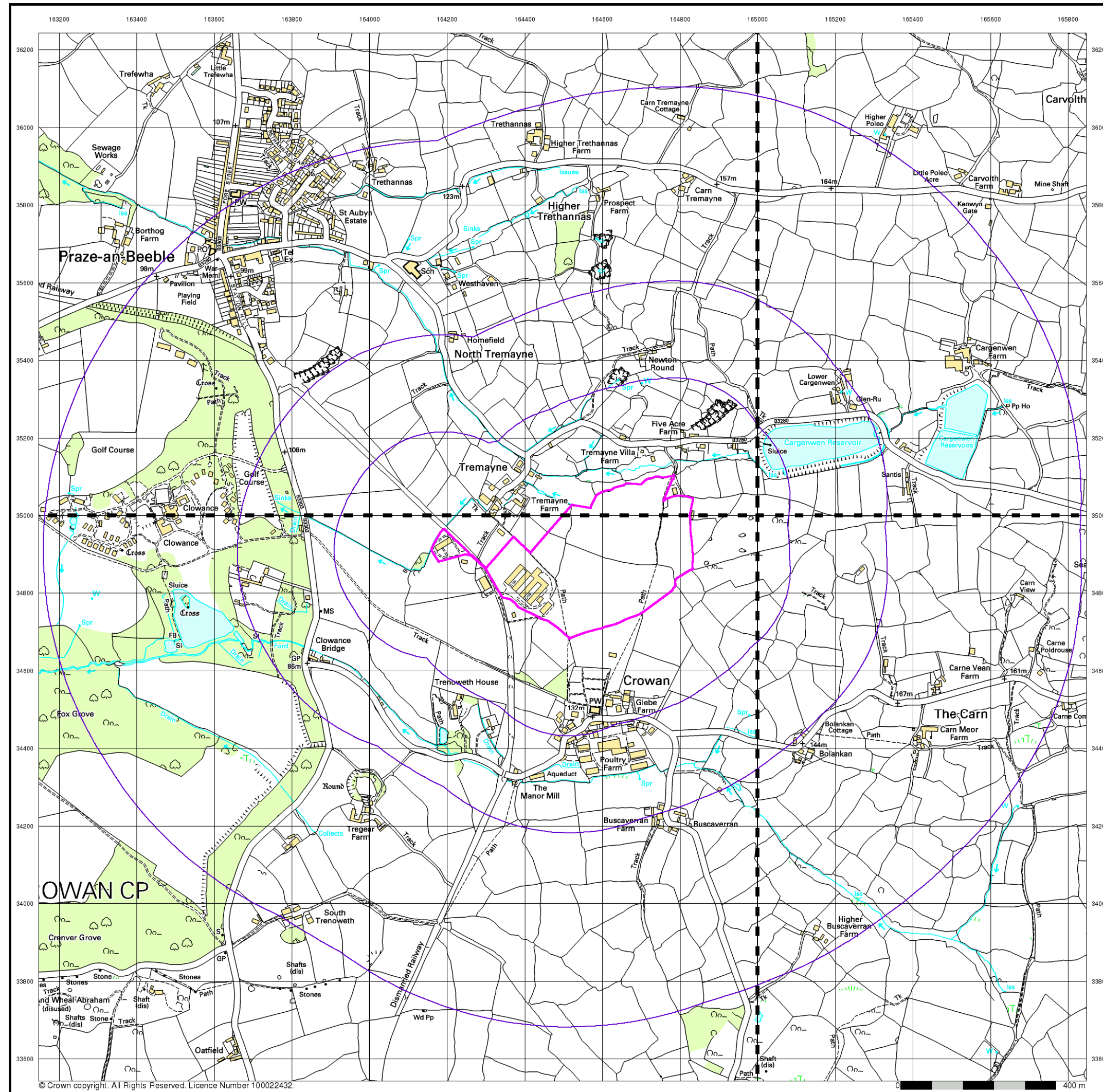


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Site Details

Tremayne Farm, Crowan, Praze, CAMBORNE, TR14 9NB



10k Raster Mapping

Published 2000

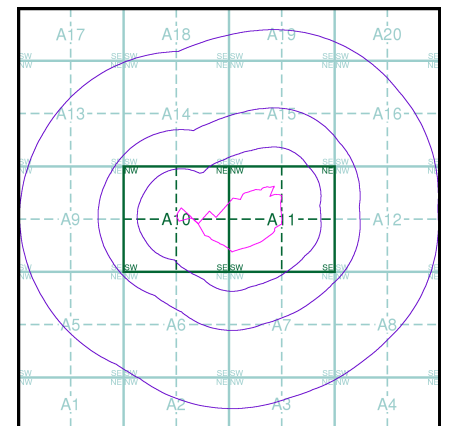
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SW63NW	SW63NE
2000	2000
1:10,000	1:10,000
SW63SW	SW63SE
2000	2000
1:10,000	1:10,000

Historical Map - Slice A

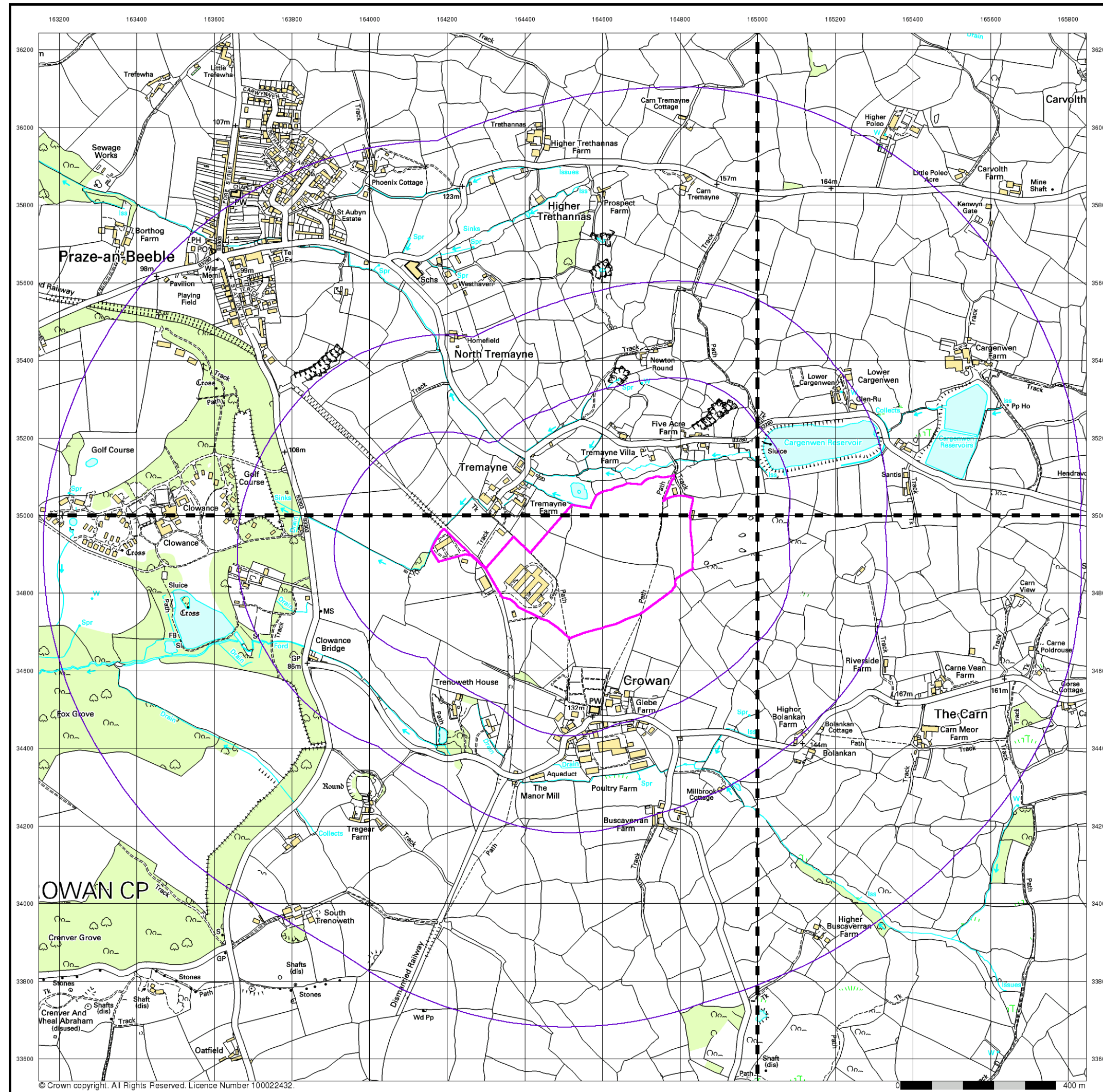


Order Details

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 National Grid Reference: 164530, 34910
 Slice: A
 Site Area (Ha): 14.13
 Search Buffer (m): 1000

Site Details

Tremayne Farm, Crowan, Praise, CAMBORNE, TR14 9NB



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10k Raster Mapping

Published 2006

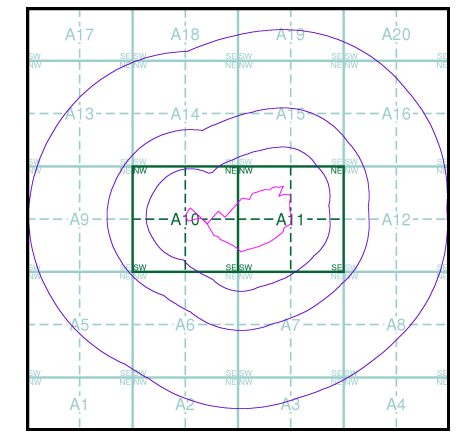
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SW63NW 2006 1:10,000	SW63NE 2006 1:10,000
SW63SW 2006 1:10,000	SW63SE 2006 1:10,000

Historical Map - Slice A

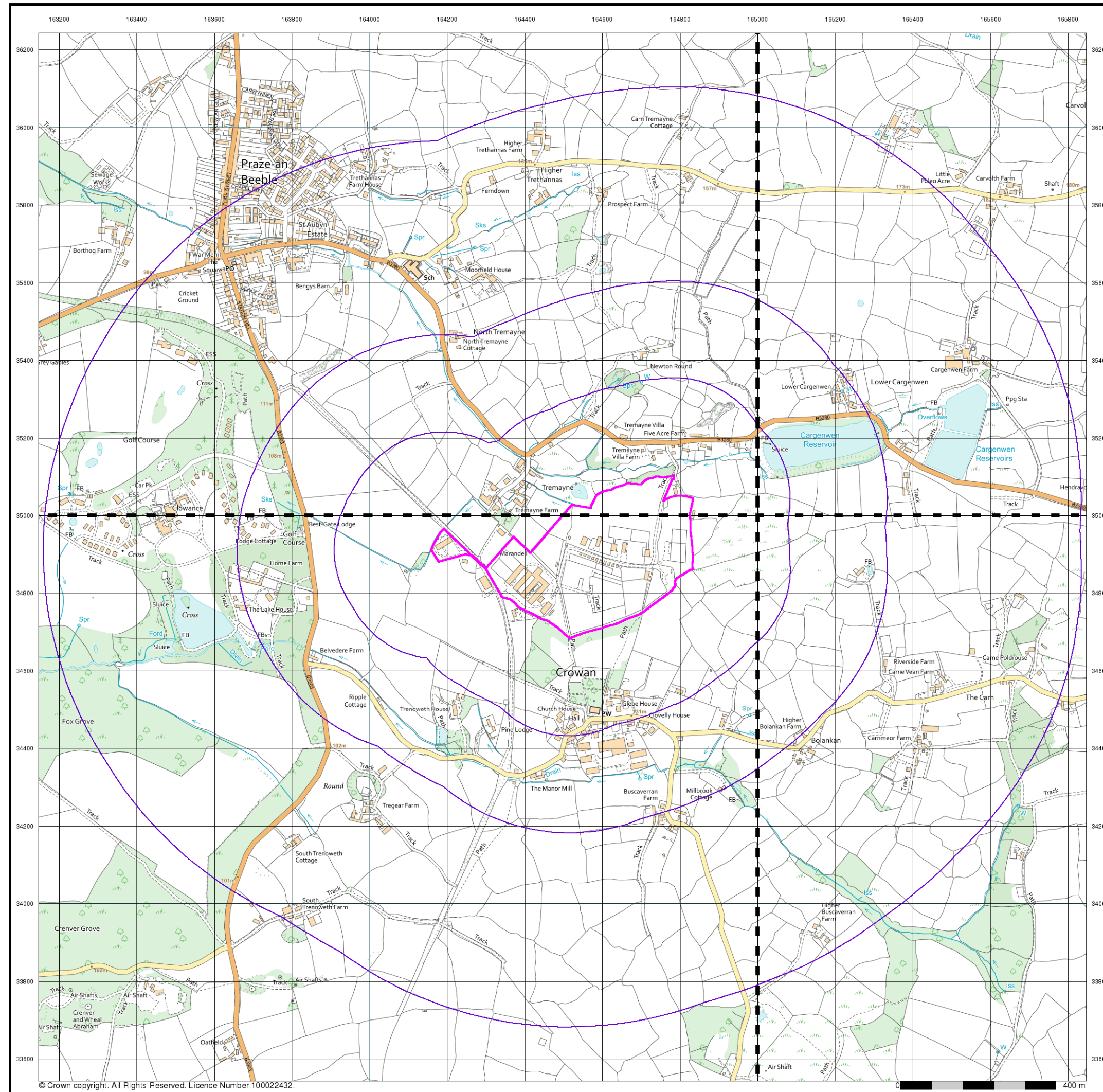


Order Details

Order Number: 303931110_1_1
 Customer Ref: 21413
 National Grid Reference: 164530, 34910
 Slice: A
 Site Area (Ha): 14.13
 Search Buffer (m): 1000

Site Details

Tremayne Farm, Crowan, Praise, CAMBORNE, TR14 9NB



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VectorMap Local

Published 2022

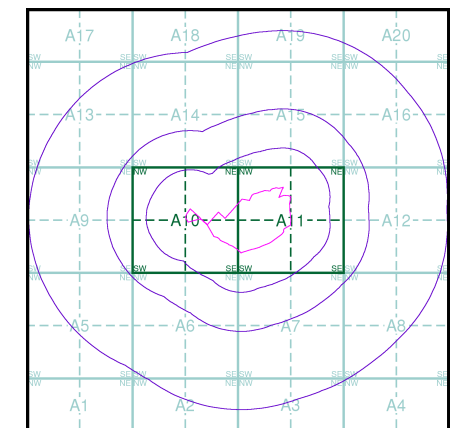
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SW63NW 2022 Variable	SW63NE 2022 Variable
SW63SW 2022 Variable	SW63SE 2022 Variable

Historical Map - Slice A



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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

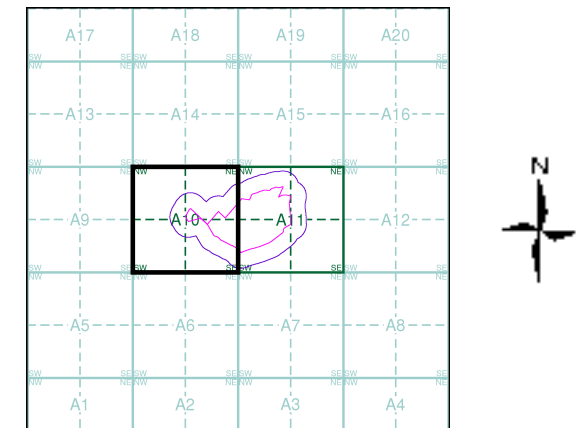
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
BM 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Cornwall & Isles Of Scilly	1:2,500	1878	2
Cornwall & Isles Of Scilly	1:2,500	1908	3
Ordnance Survey Plan	1:2,500	1972 - 1977	4
Additional SIMs	1:2,500	1986 - 1994	5
Additional SIMs	1:2,500	1989	6
Additional SIMs	1:2,500	1993	7
Large-Scale National Grid Data	1:2,500	1994 - 1995	8
Historical Aerial Photography	1:2,500	1999	9

Historical Map - Segment A10



Order Details

Order Number: 303931110_1_1
 Customer Ref: 21413
 National Grid Reference: 164530, 34910
 Slice: A
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 Search Buffer (m): 100

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