

Supply of Unpublished Survey Information

Published 1974

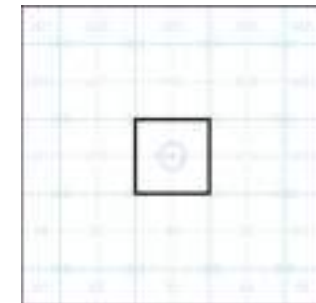
Source map scale - 1:1,250

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13

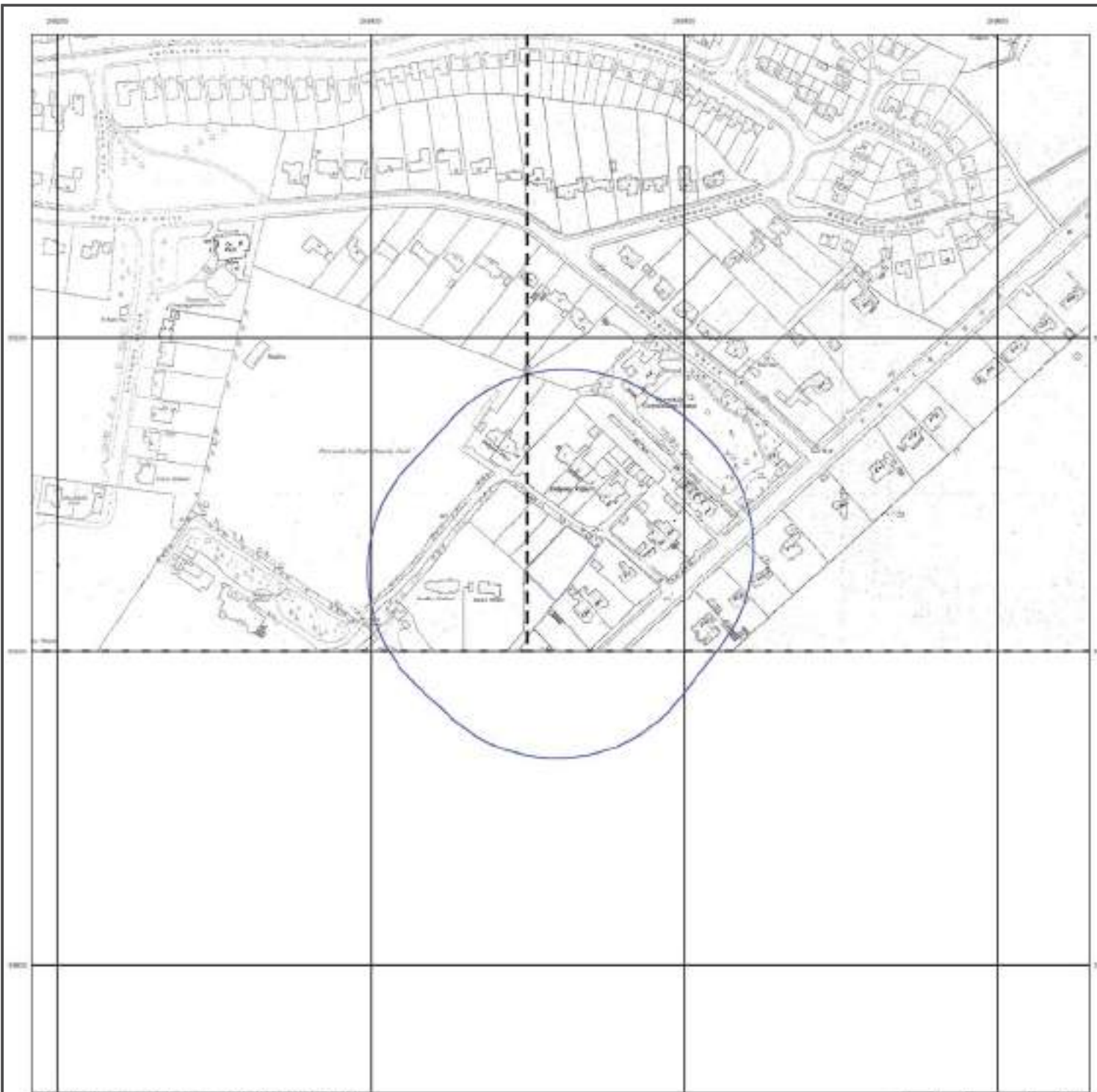


Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 100

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



Additional SIMs

Published 1978 - 1991

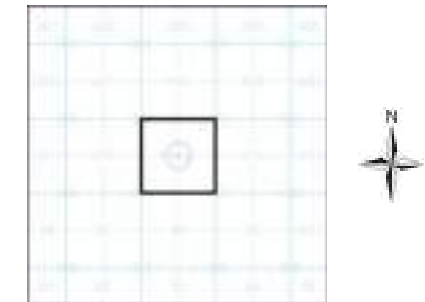
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

1	1978	1:1,250	1978	1:1,250
2	1991	1:1,250	1991	1:1,250

Historical Map - Segment A13

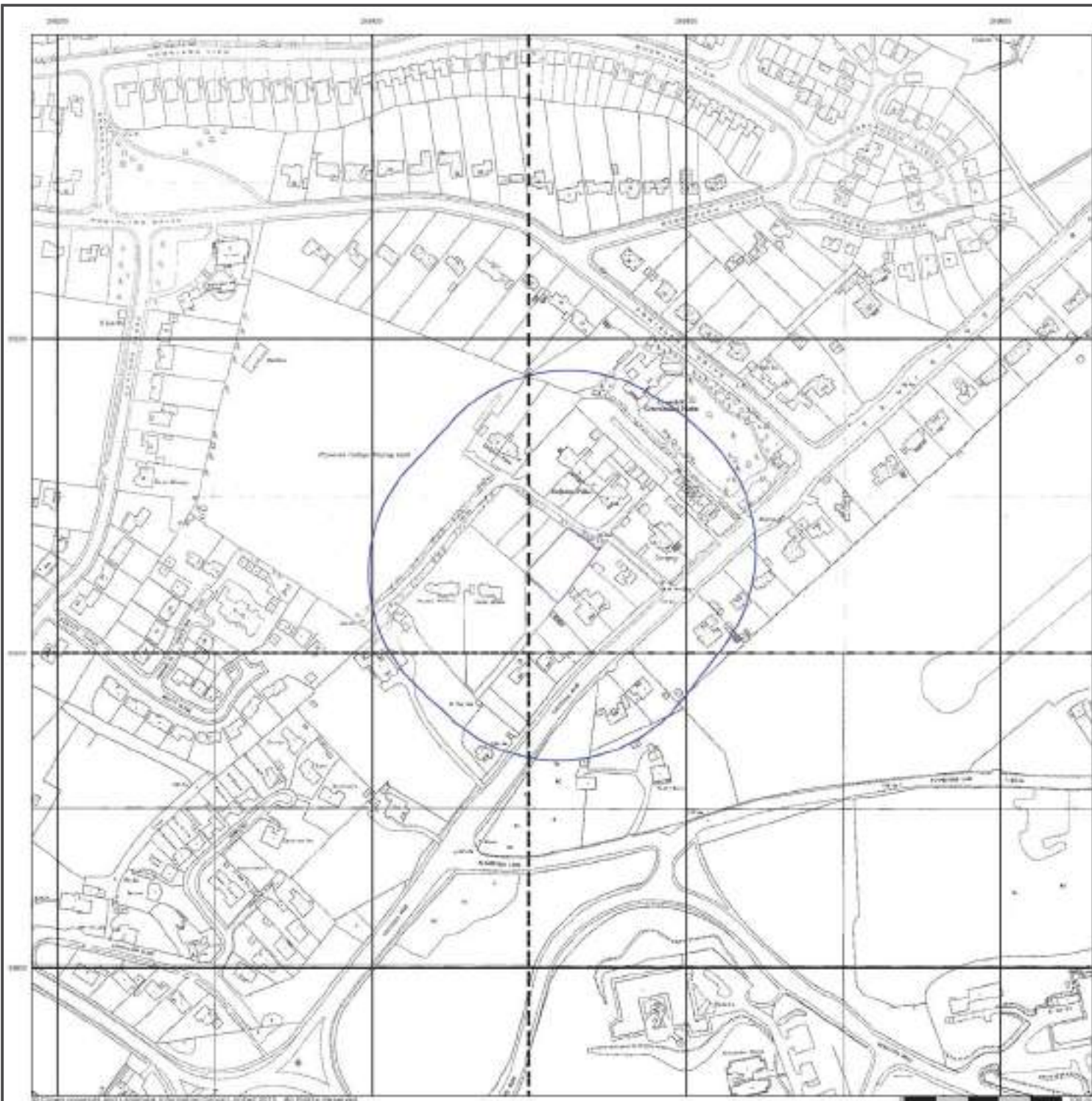


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Additional SIMs

Published 1989

Source map scale - 1:1,250

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Map Name(s) and Date(s)



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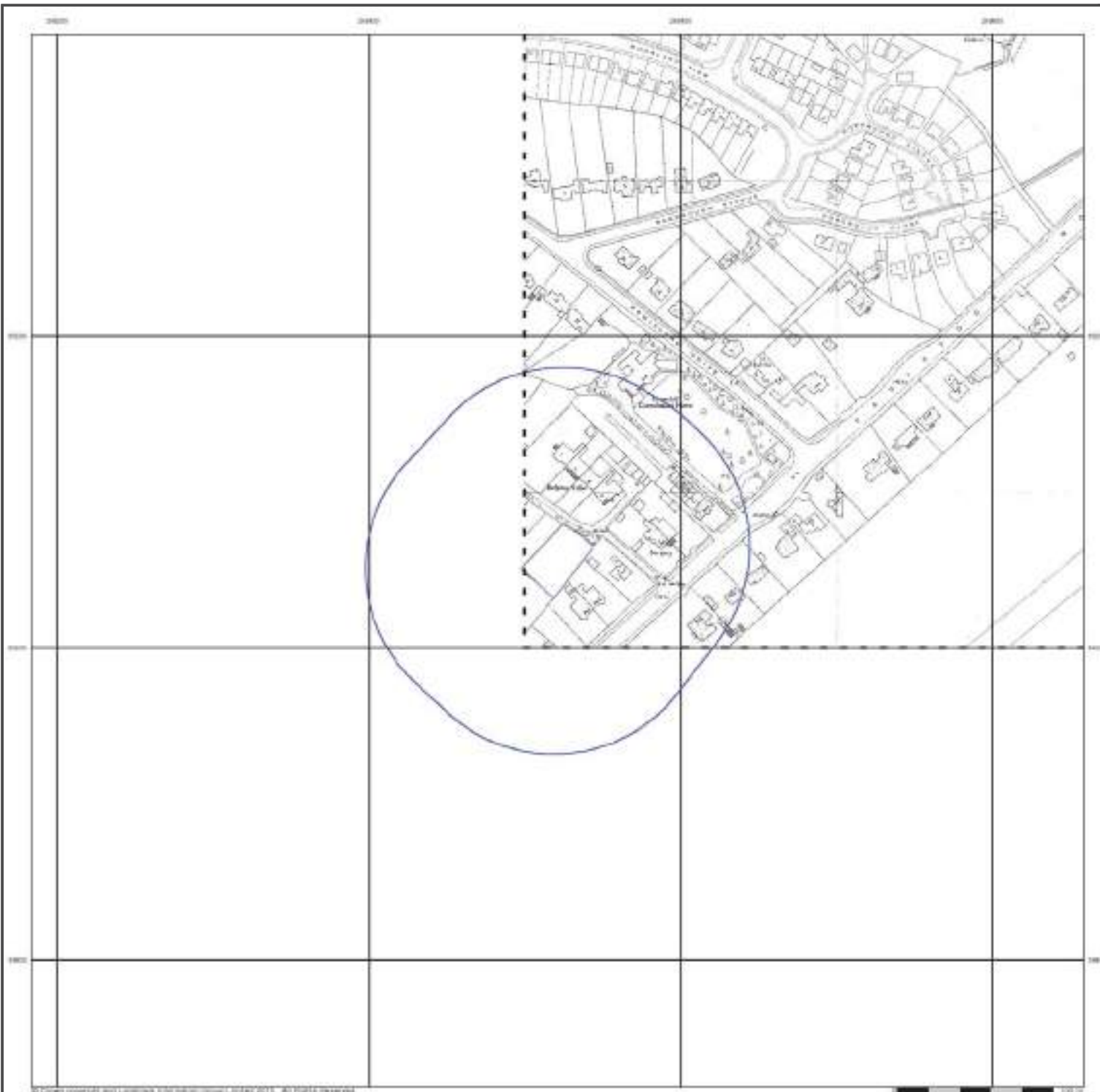


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**Large-Scale National Grid Data
Published 1992**

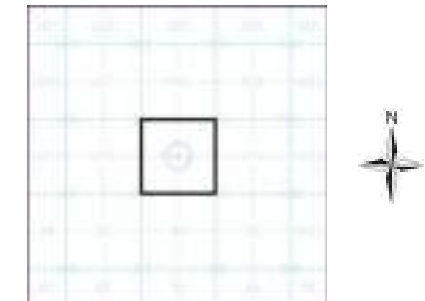
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13

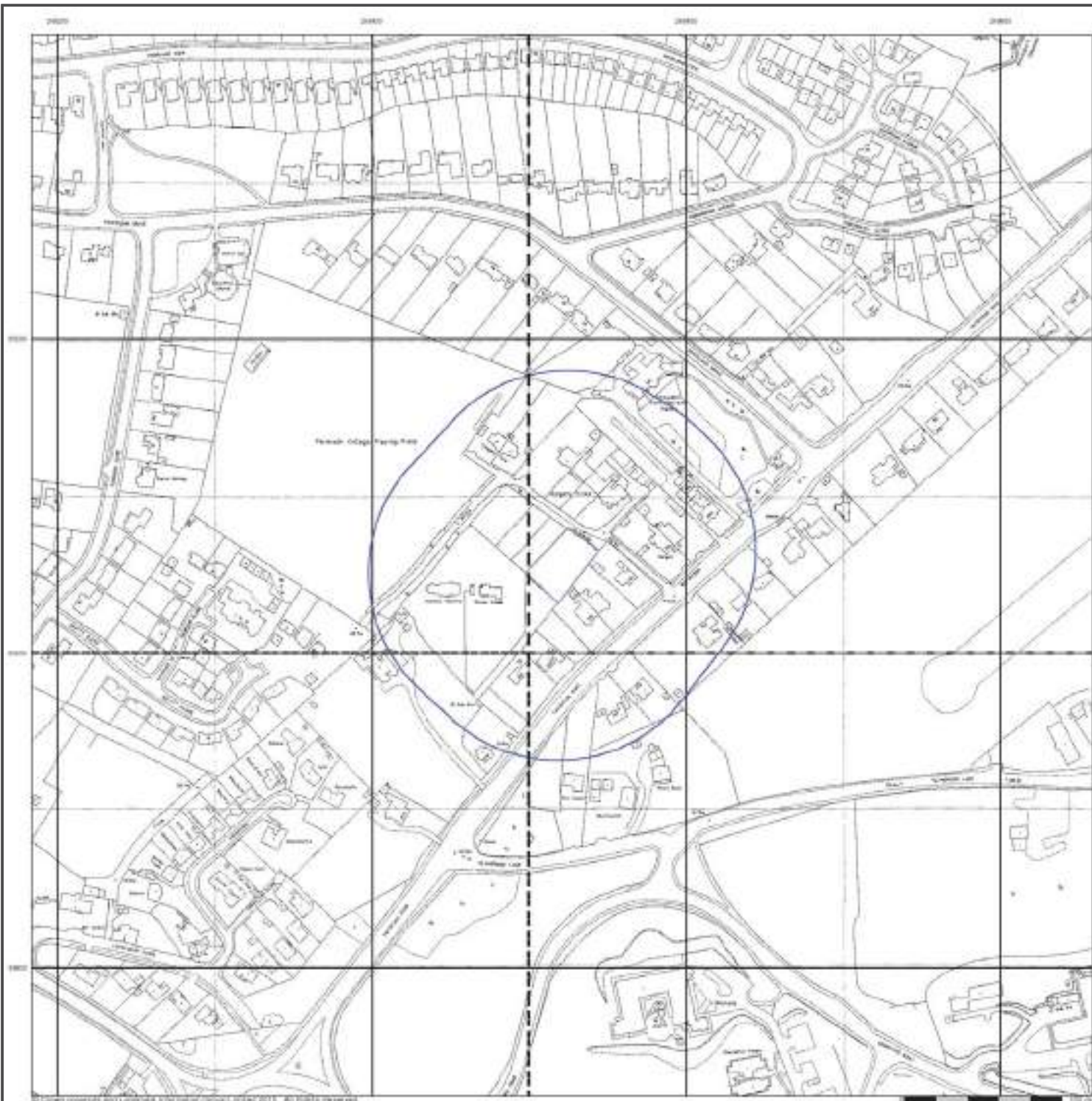


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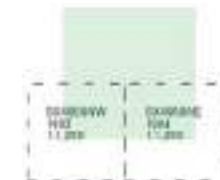
Large-Scale National Grid Data

Published 1993 - 1994

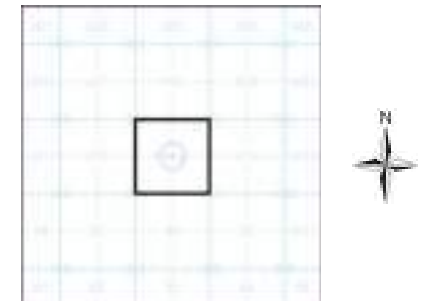
Source map scale - 1:1,250

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

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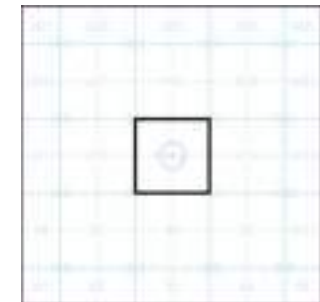
Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



**Historical Aerial Photography
Published 1999**

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

Historical Aerial Photography - Segment A13



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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Ostels		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denoting flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Surken 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		Discused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		
	Brecken		Heath
	Rough Grassland		
	Marsh		Reeds
	Saltings		
	Bulking		Shingle
	Glasshouse		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		
	Ward, Burgh or County Constituency		
	Civil Parish		
	Boundary Post or Stone		Pit
	Chalk		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Sewer
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

1:10,000 Raster Mapping

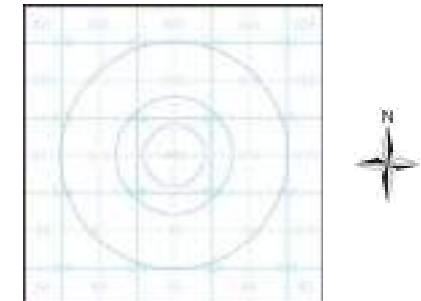
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Grass Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)	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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Devon	1:10,560	1870	3
Devon	1:10,560	1885 - 1886	4
Devon	1:10,560	1907	5
Devon	1:10,560	1919	6
Devon	1:10,560	1933	7
Devon	1:10,560	1938	8
Ordnance Survey Plan	1:10,000	1954	9
Ordnance Survey Plan	1:10,000	1957	10
Ordnance Survey Plan	1:10,000	1968	11
Ordnance Survey Plan	1:10,000	1976	12
Plymouth	1:10,000	1981	13
Ordnance Survey Plan	1:10,000	1982 - 1989	14
Ordnance Survey Plan	1:10,000	1991 - 1995	15
10K Raster Mapping	1:10,000	1999	16
10K Raster Mapping	1:10,000	2006	17
VectorMap Local	1:10,000	2017	18

Historical Map - Slice A



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

Russian Military Mapping Legends

1:5,000 and 1:10,000 mapping

1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings
Military and Communication Areas
Fireproof Building
Non-fireproof Building
Factory, mill, and flour mill, with chimneys
Power Station, drawn to scale
Radio Station, drawn to scale
Abandoned Open-pit Mine or Quarry

Military and Industrial Buildings
Subway Entrance
Prorated Fireproof Building
Non-fireproof Building (non-dwelling)
Factory, mill, and flour mill, without chimneys
Hydroelectric Power Station
Telephone Station, drawn to scale
Open-pit Salt Mine

Pit
Oil Deposit or Well
Oil Seepage
Fuel Storage Tanks
Natural Gas Tank
Bench Mark
Drill Hole
Burial Mound
Triangulation Point on Burial Mound

Single-track Railroad
Road Bridge
Double-track Railroad (Colony)
Railroad Station Building

Coniferous Forest
Deciduous Forest
Mixed Forest
Lawns
Citrus Orchard
Wet Ground
Scattered Vegetation

243.8 Values representing elevations
88.0 Numbers for spot elevations, depth soundings, contour lines, etc.
0.2 Velocity of the current, width of river bed, depth of river
Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SCH)
Г г (G)	К к (K)	Т т (T)	Ъ ъ ()
Д д (D)	Л л (L)	У у (U)	Ы ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь ь ()
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TCH)	Ю ю (YU or U)
			Я я (YA or IA)

1:25,000 mapping

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings
Military and Communication Areas
Partly Demolished Buildings
Built-Up Area with Fireproof Buildings Predominant
Individual Fireproof Building
Individual Dwelling
Factory or Mill Chimney
Operating Shaft or Mine
Non-Operating Shaft or Mine
Set Mine
Stone Quarry
Gas Pump or Service Station
Small Hydroelectric Power Station
Power Station
Transformer Station
Cemetery
Burial Mound (height in meters)
Triangulation Point on Burial Mound
Triangulation Point
Bench Mark
Bench Mark (measured)
Telegraph Office
Telephone Station
Radio Station
Radio Tower
Airfield or Seaplane Base
Landing Gilt

Demolished Buildings
Built-Up Area with Non-Fireproof Buildings Predominant
Dominant Industrial Building
Remains of an Individual Dwelling
Factory or Mill without Chimney
Salt Mine
Tellings Pile
Gas Pump or Service Station
Fuel Storage or Natural Gas Tank
Power Station
Transformer Station
Triangulation Point
Telegraph Office
Telephone Station
Airfield or Seaplane Base
Landing Gilt

Double-track Railroad with First-Class Station
Discontinued Railroad
Railroad Under Construction

Shore Embankment
River or Ditch with Embankment
Direction and velocity of current
Wear Level Mark

Well
Water Reservoir
Run Water Pit
Spring
Isobath with value

Heavy (Index) Contour Line
Contour Line and Value
Half Contour Line
Spot Elevation Value

Coniferous
Deciduous
Mixed
Scrub

Key to Numbers on Mapping

SX45NE_Plymouth

No.	Description
55	Military Barracks
84	Water Works

SX56SW_Plymouth

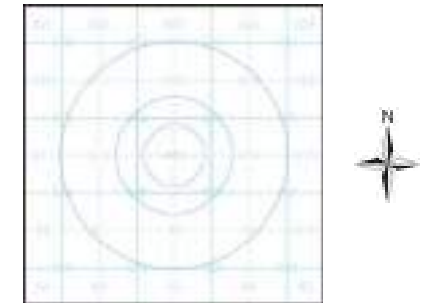
No.	Description
1	Airfield/Airport



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Devon	1:10,560	1870	3
Devon	1:10,560	1885 - 1886	4
Devon	1:10,560	1907	5
Devon	1:10,560	1919	6
Devon	1:10,560	1933	7
Devon	1:10,560	1938	8
Ordnance Survey Plan	1:10,000	1954	9
Ordnance Survey Plan	1:10,000	1957	10
Ordnance Survey Plan	1:10,000	1968	11
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10K Raster Mapping	1:10,000	1999	16
10K Raster Mapping	1:10,000	2006	17
VectorMap Local	1:10,000	2017	18

Russian Map - Slice A



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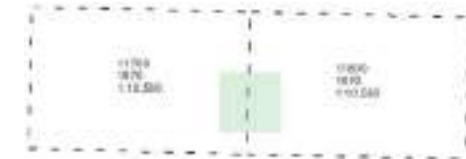


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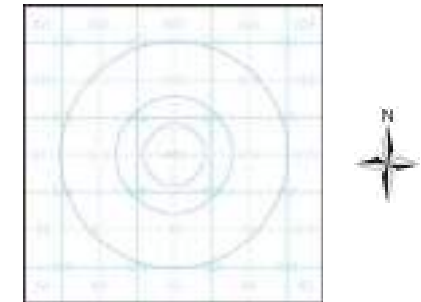
Devon
Published 1870
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

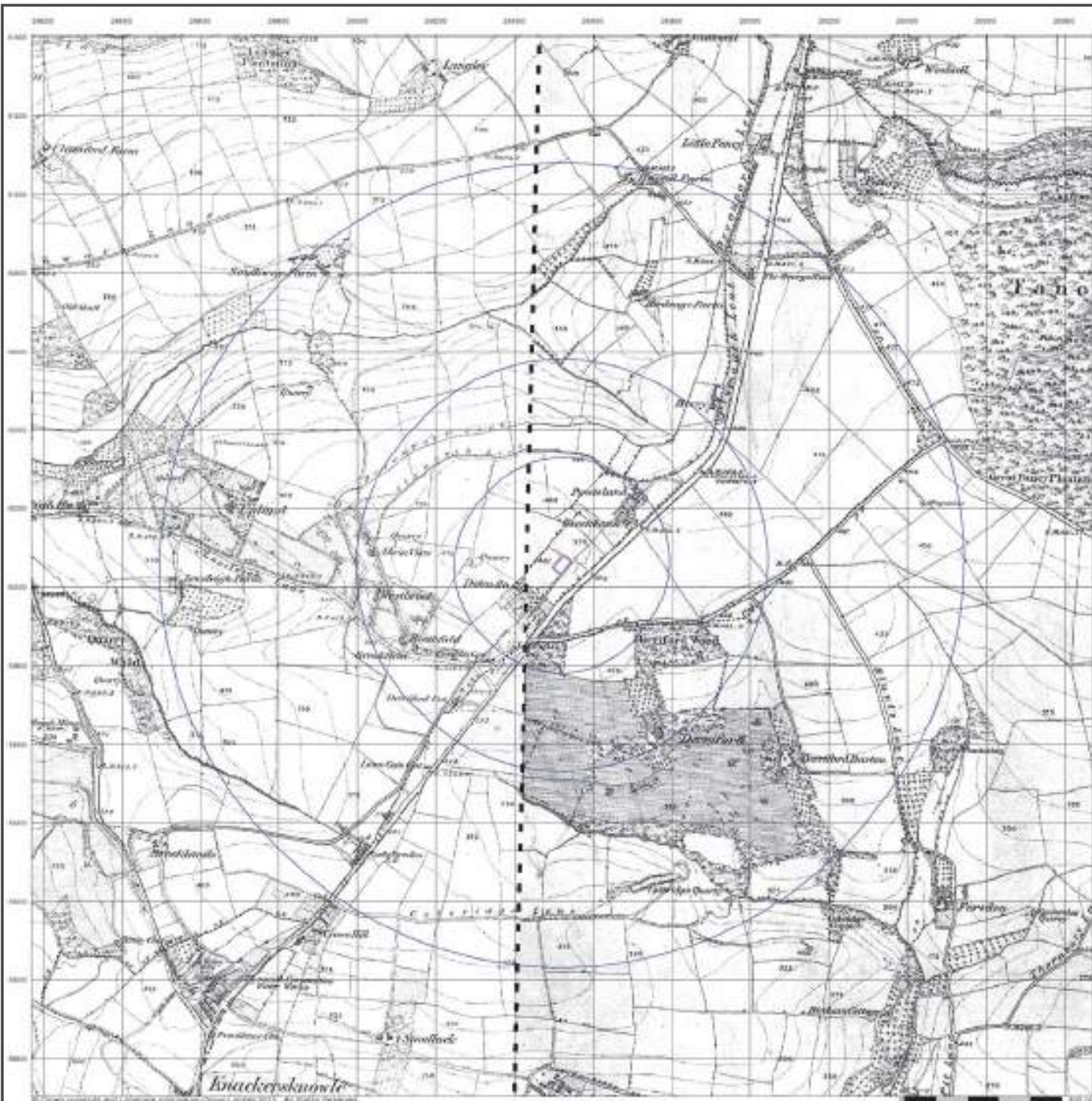


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Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



Devon

Published 1885 - 1886

Source map scale - 1:10,560

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Historical Map - Slice A



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Devon
Published 1907
Source map scale - 1:10,560

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Map Name(s) and Date(s)

117NE 1907 1:10,560	118NW 1907 1:10,560
117SE 1907 1:10,560	118SW 1907 1:10,560

Historical Map - Slice A

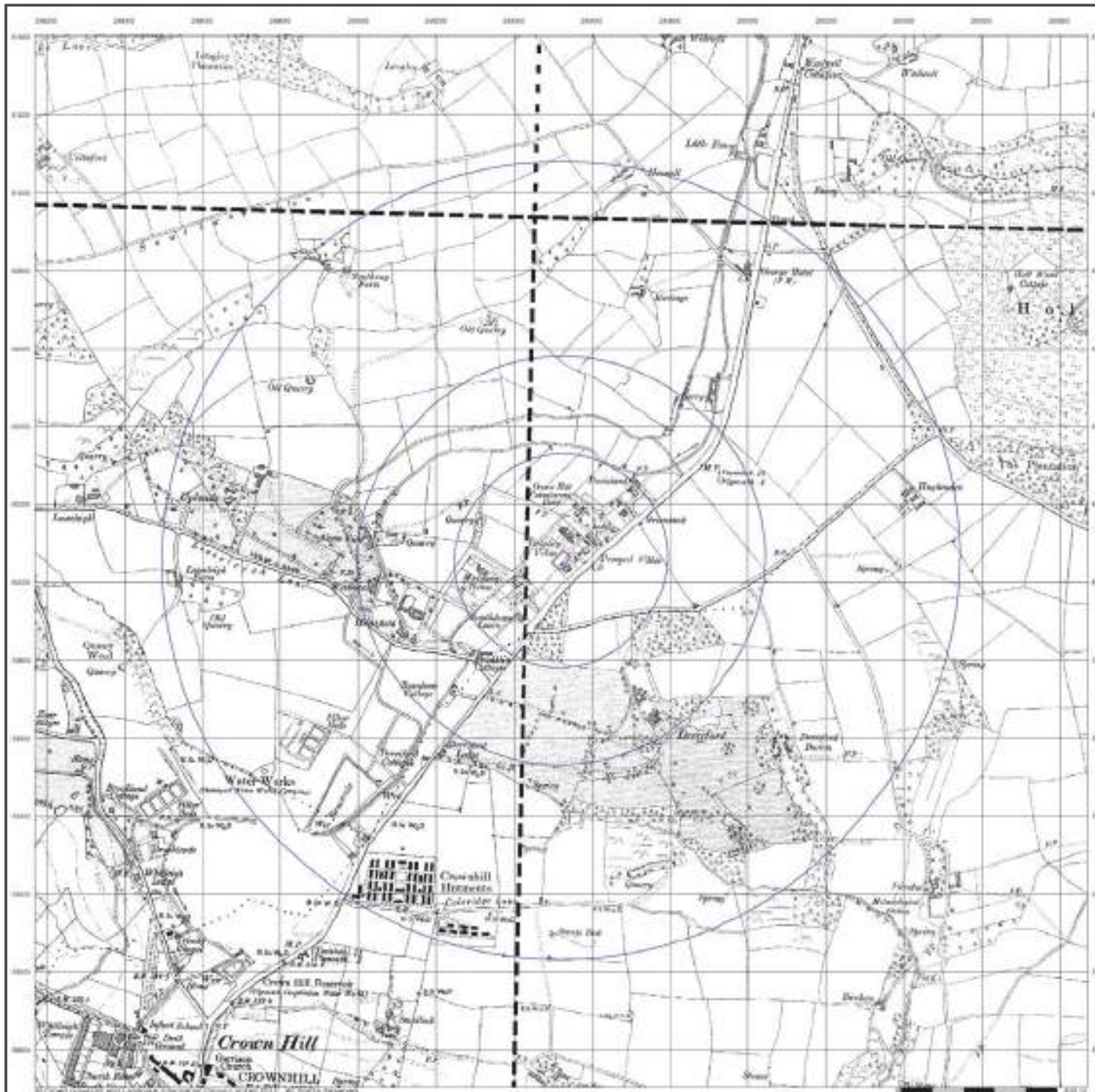


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Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



Devon
Published 1919
Source map scale - 1:10,560

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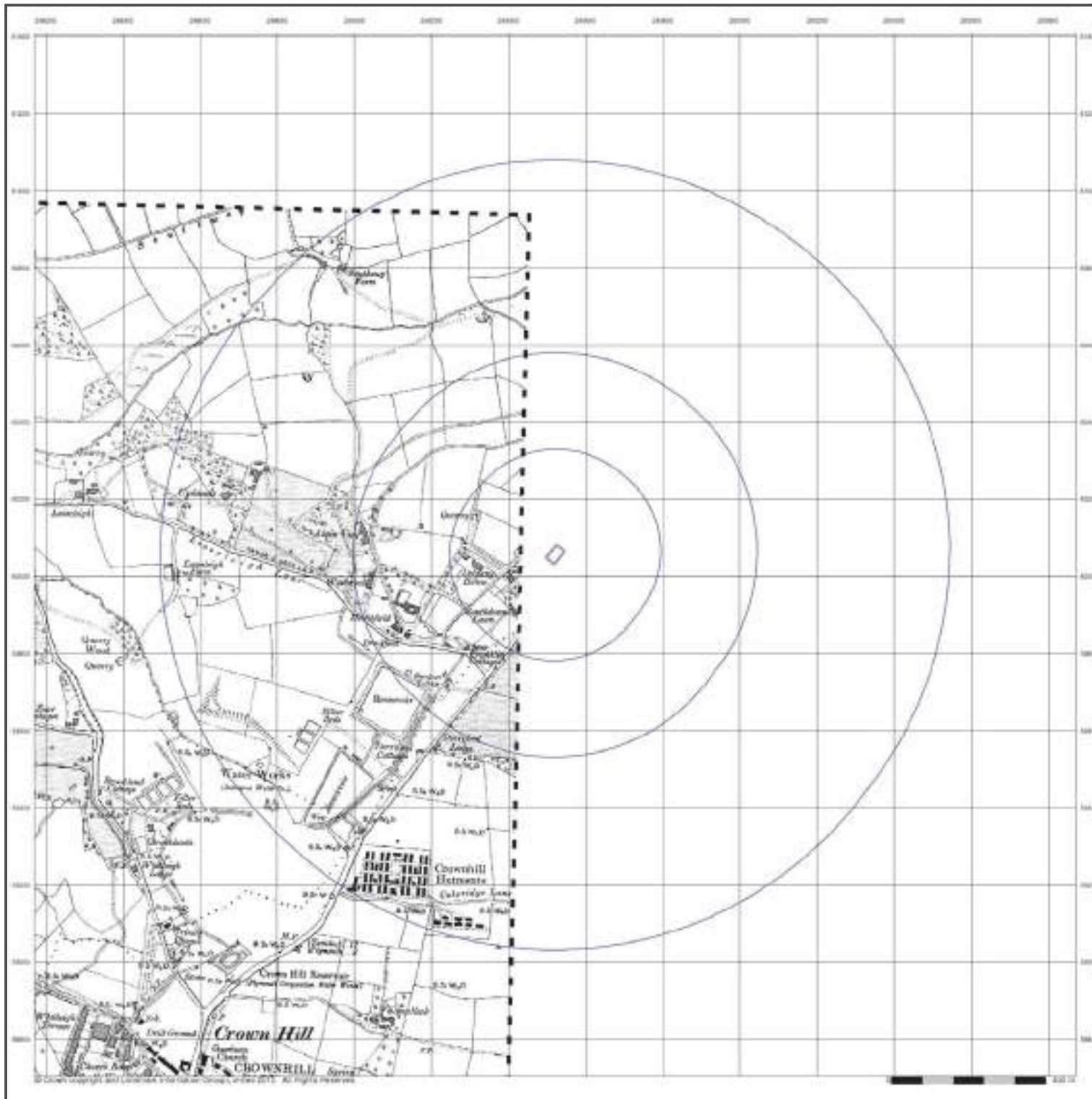


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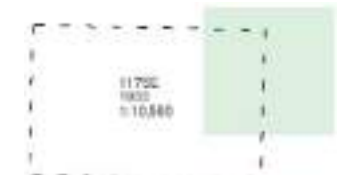
Devon

Published 1933

Source map scale - 1:10,560

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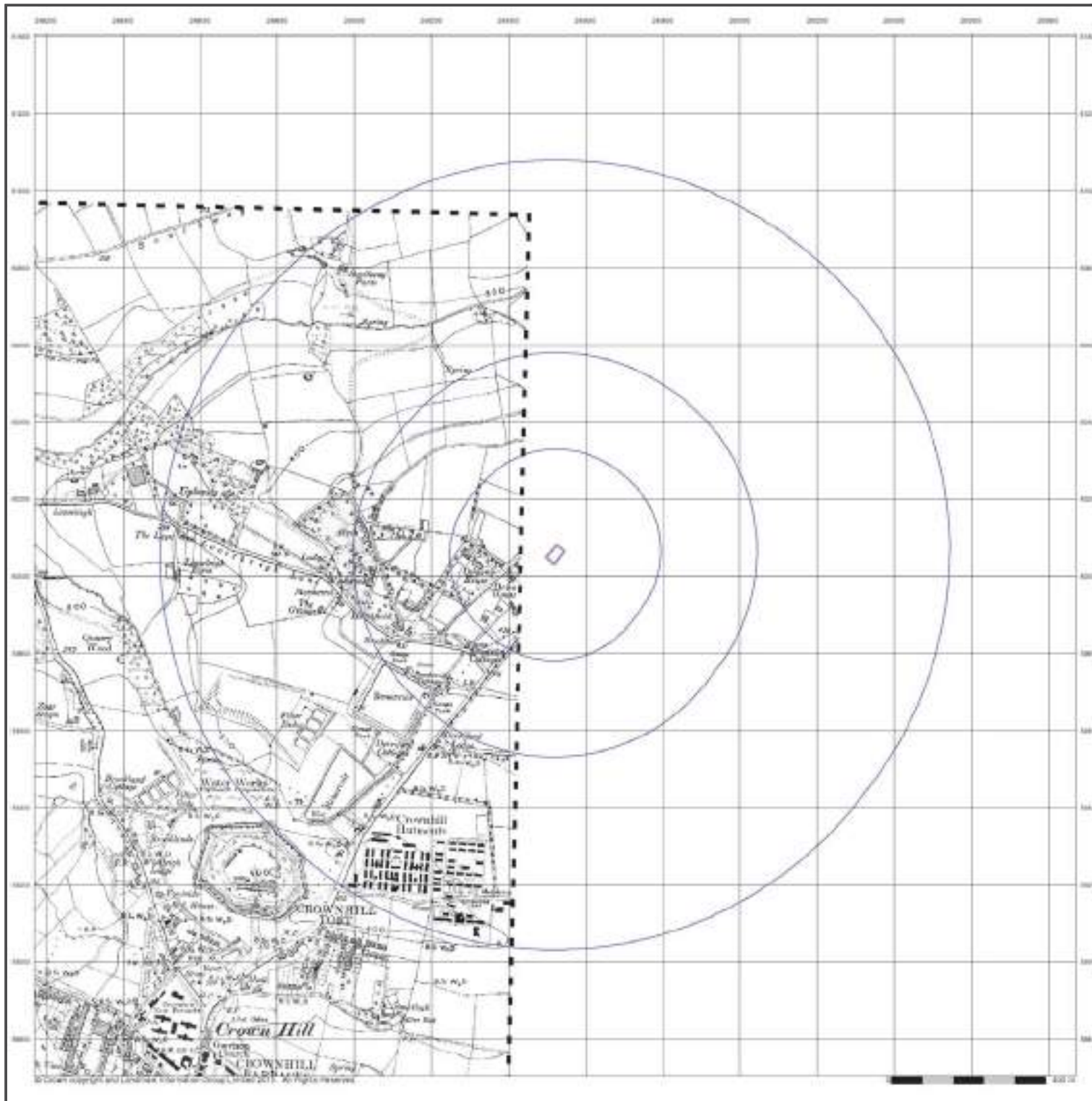


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Devon

Published 1938

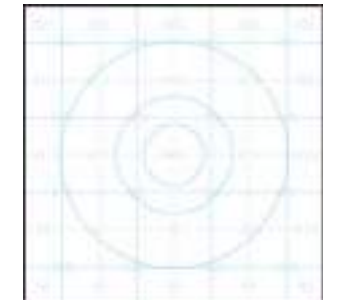
Source map scale - 1:10,560

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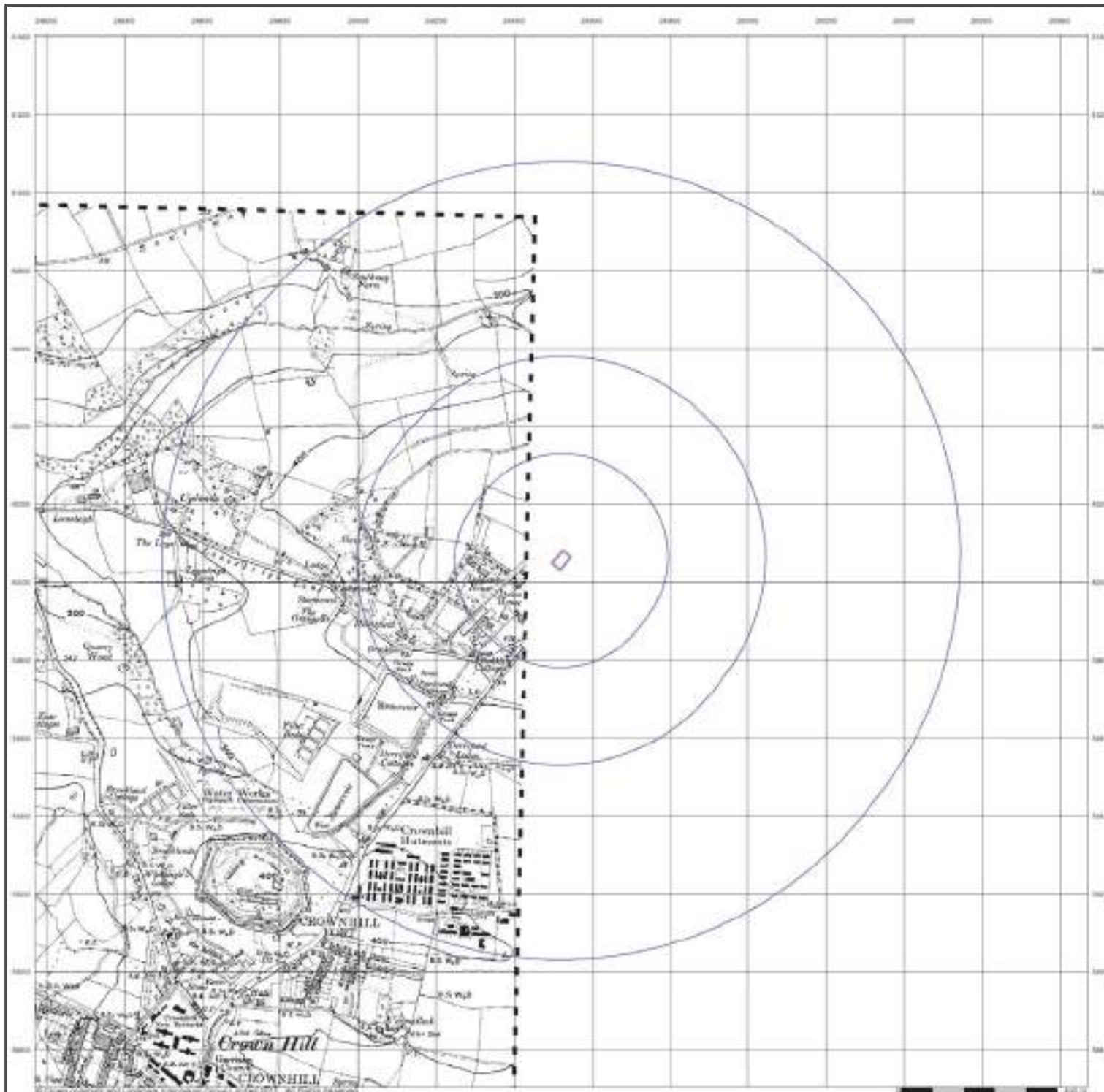


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Ordnance Survey Plan

Published 1954

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)

OS498E	OS498W
1954	1954
1:10,560	1:10,560
OS498E	OS498W
1954	1954
1:10,560	1:10,560

Historical Map - Slice A



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

Ordnance Survey Plan

Published 1957

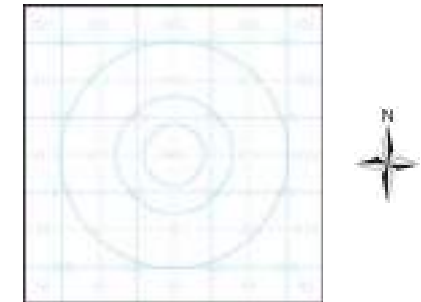
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

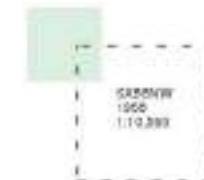
Ordnance Survey Plan

Published 1968

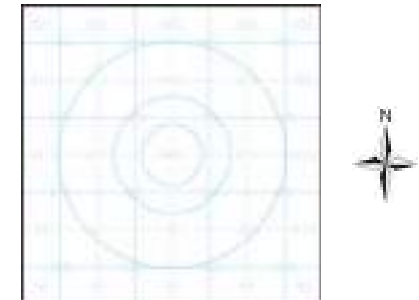
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

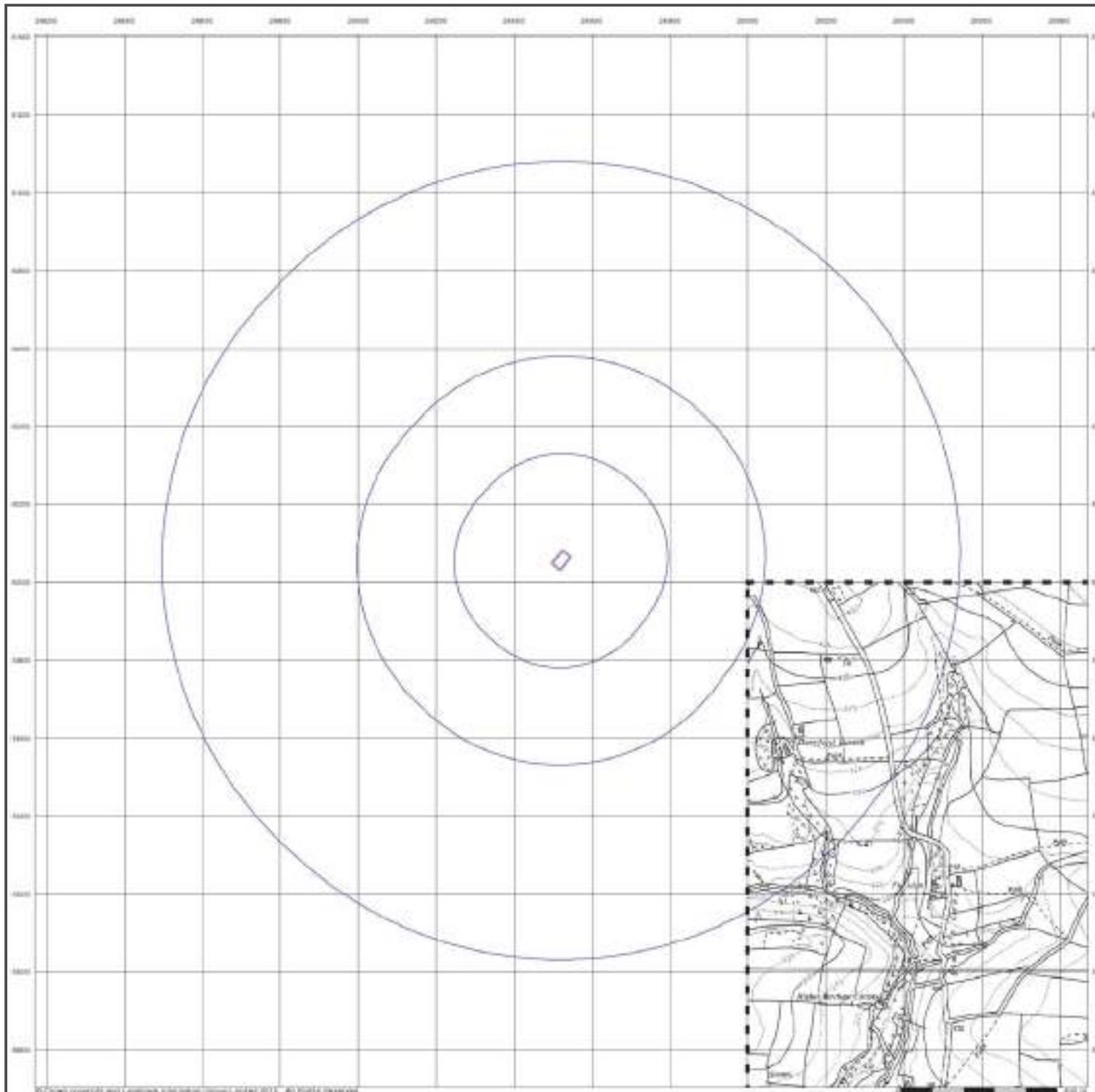


Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



Ordnance Survey Plan

Published 1976

Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

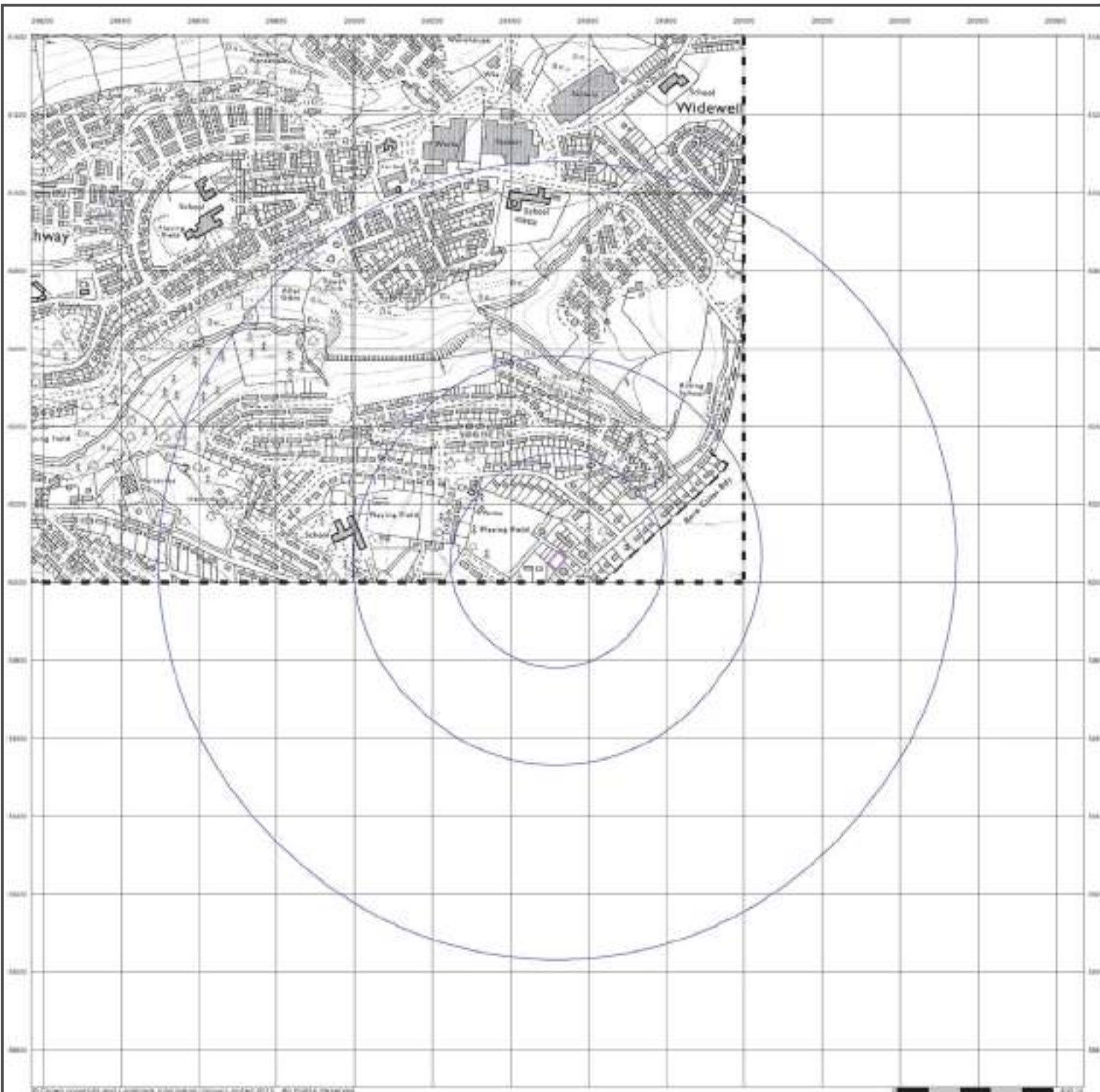


Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



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Plymouth
Published 1981
Source map scale - 1:10,000

These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use. They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)

SX46SE 1981 1:10,000	SX56SW 1981 1:10,000
SX45NE 1981 1:10,000	SX55NW 1981 1:10,000

Russian Map - Slice A

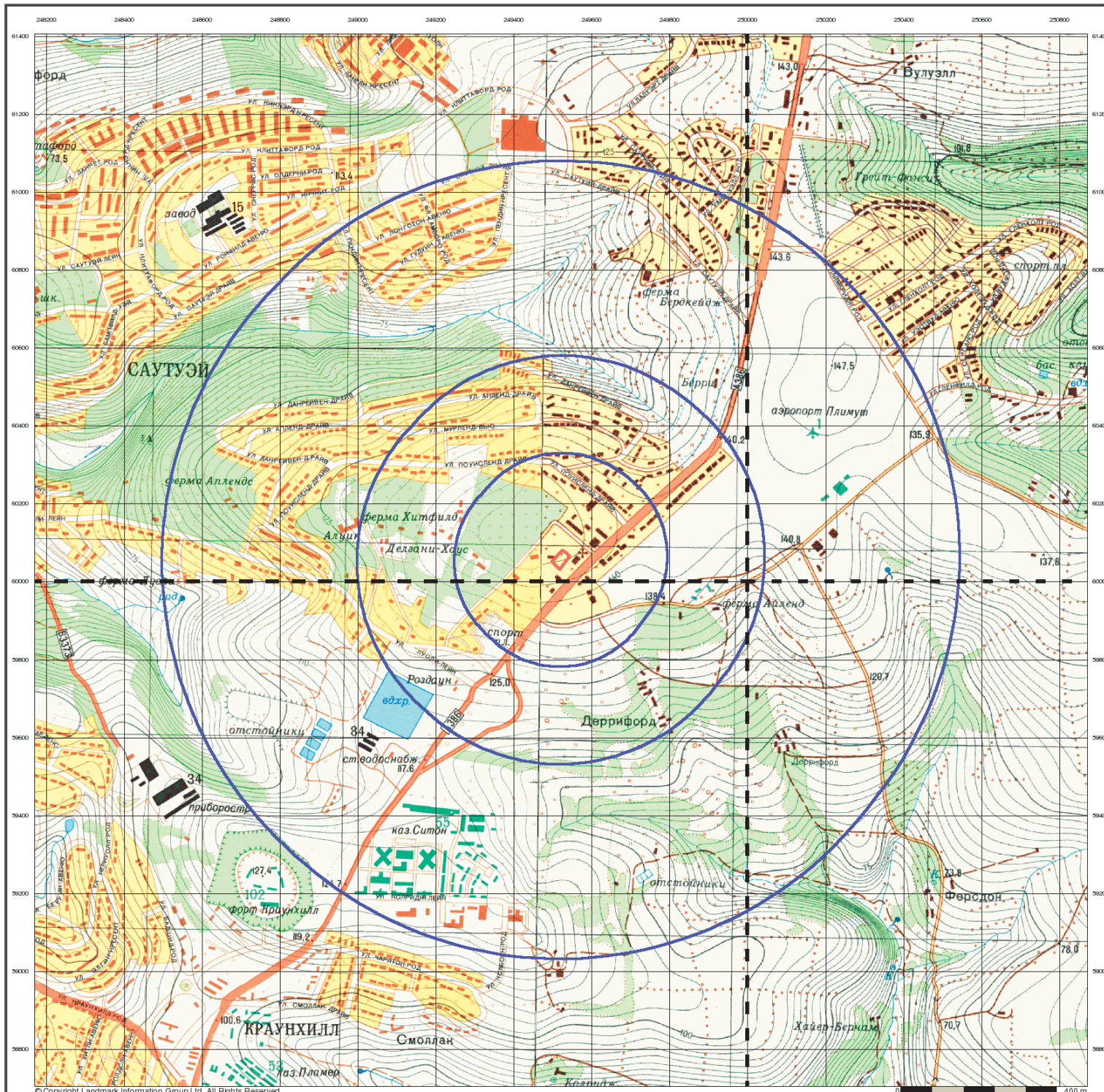


Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



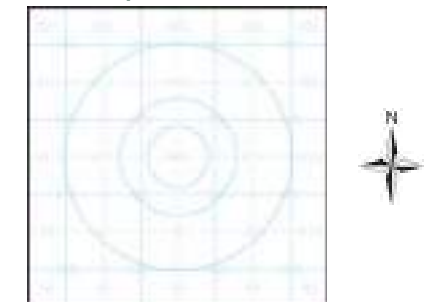
Ordnance Survey Plan
Published 1982 - 1989
Source map scale - 1:10,000

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)

SW48SE	SW48SW
1982	1982
1:10,000	1:10,000
SW48E	SW48W
1982	1982
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

Ordnance Survey Plan

Published 1991 - 1995

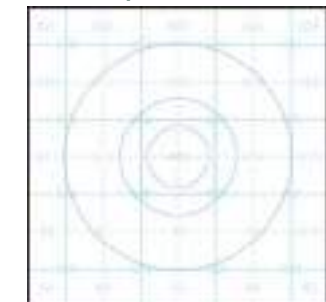
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

10k Raster Mapping

Published 1999

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SD4488E	SD0688W
1999	1999
1:10,000	1:10,000
SD4488E	SD0688W
1999	1999
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

10k Raster Mapping

Published 2006

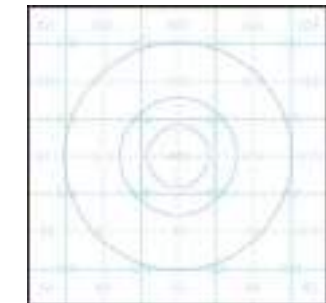
Source map scale - 1:10,000

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)

SK4988E 2006 1:10,000	SK0988W 2006 1:10,000
SK4988E 2006 1:10,000	SK0988W 2006 1:10,000

Historical Map - Slice A



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

VectorMap Local

Published 2017

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)

504952 2017 Variable	50505W 2017 Variable
50495V 2017 Variable	50505W 2017 Variable

Historical Map - Slice A



Order Details

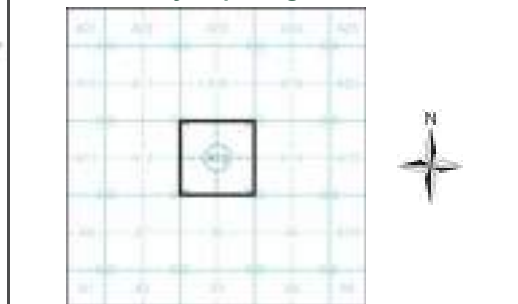
Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Severalty of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A13



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Plot Buffer (m): 100

Site Details
 Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Landfill Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A



Order Details






Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details



Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

Industrial Land Use Map

General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000






Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

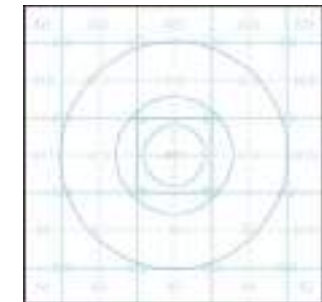
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A

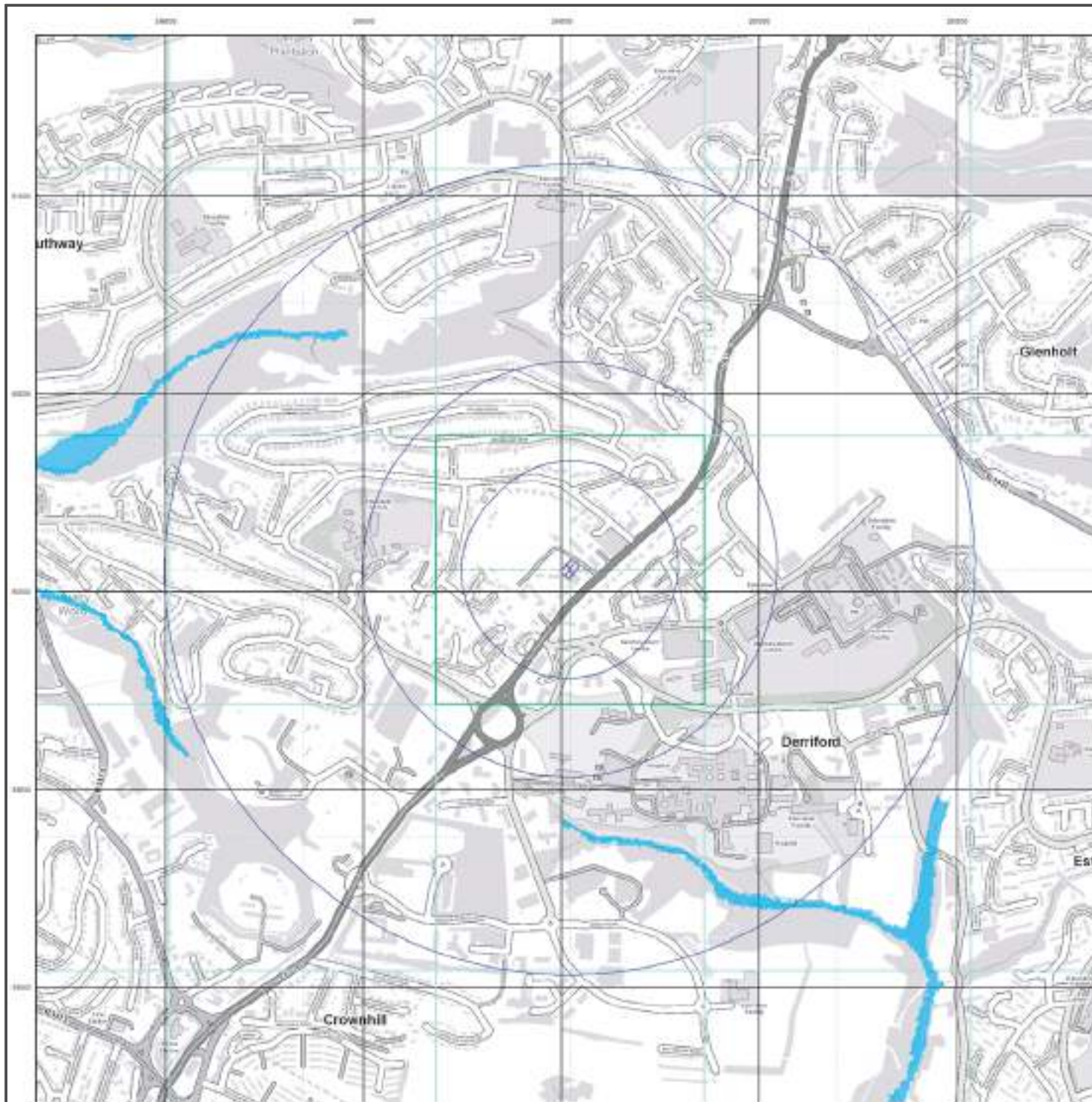


Order Details






Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details






Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



General

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

Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

General

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

Risk of Flooding from Surface Water

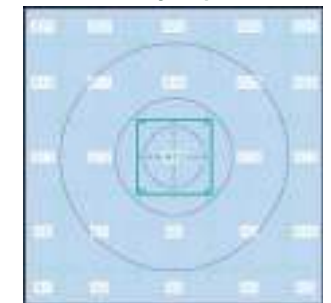
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A

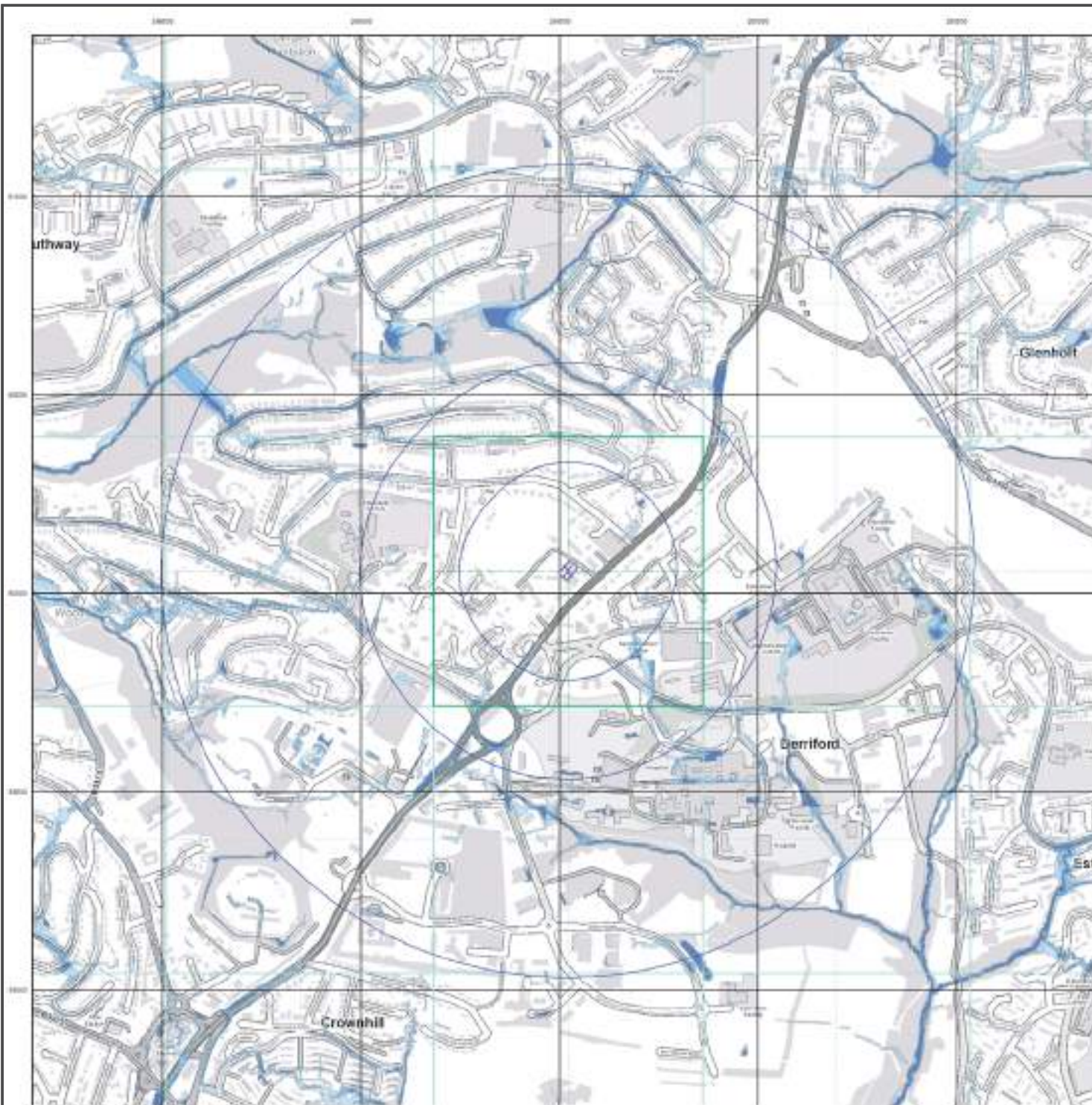


Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

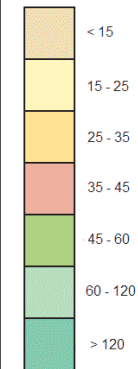


General

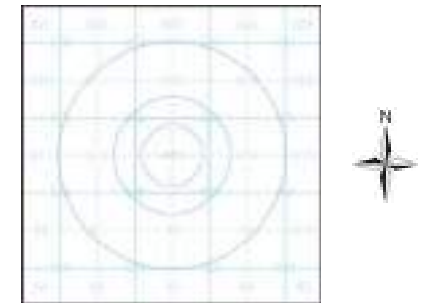
 Specified Site
  Specified Buffer(s)
  Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

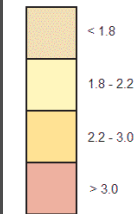
Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

General

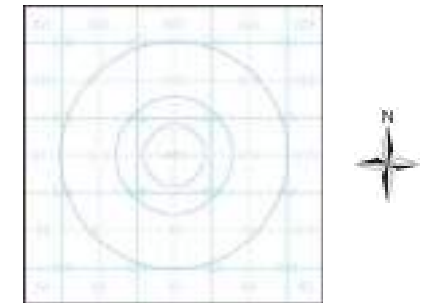
 Specified Site
  Specified Buffer(s)
  Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

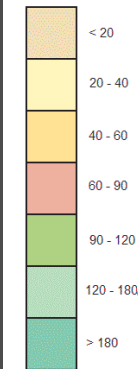
Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

General

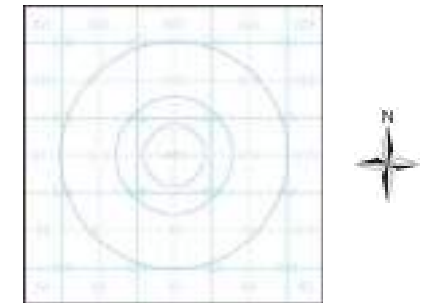
 Specified Site
  Specified Buffer(s)
  Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

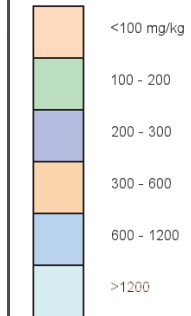
Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

General

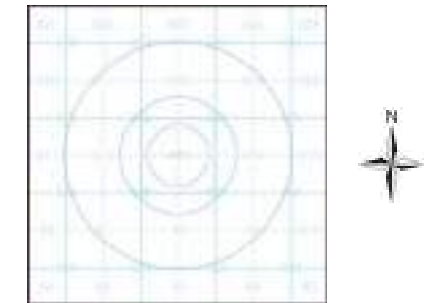
○ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

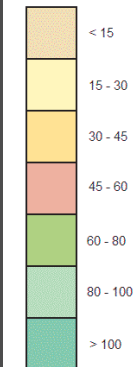
Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

General

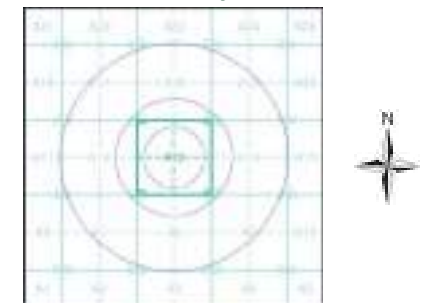
 Specified Site
  Specified Buffer(s)
  Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



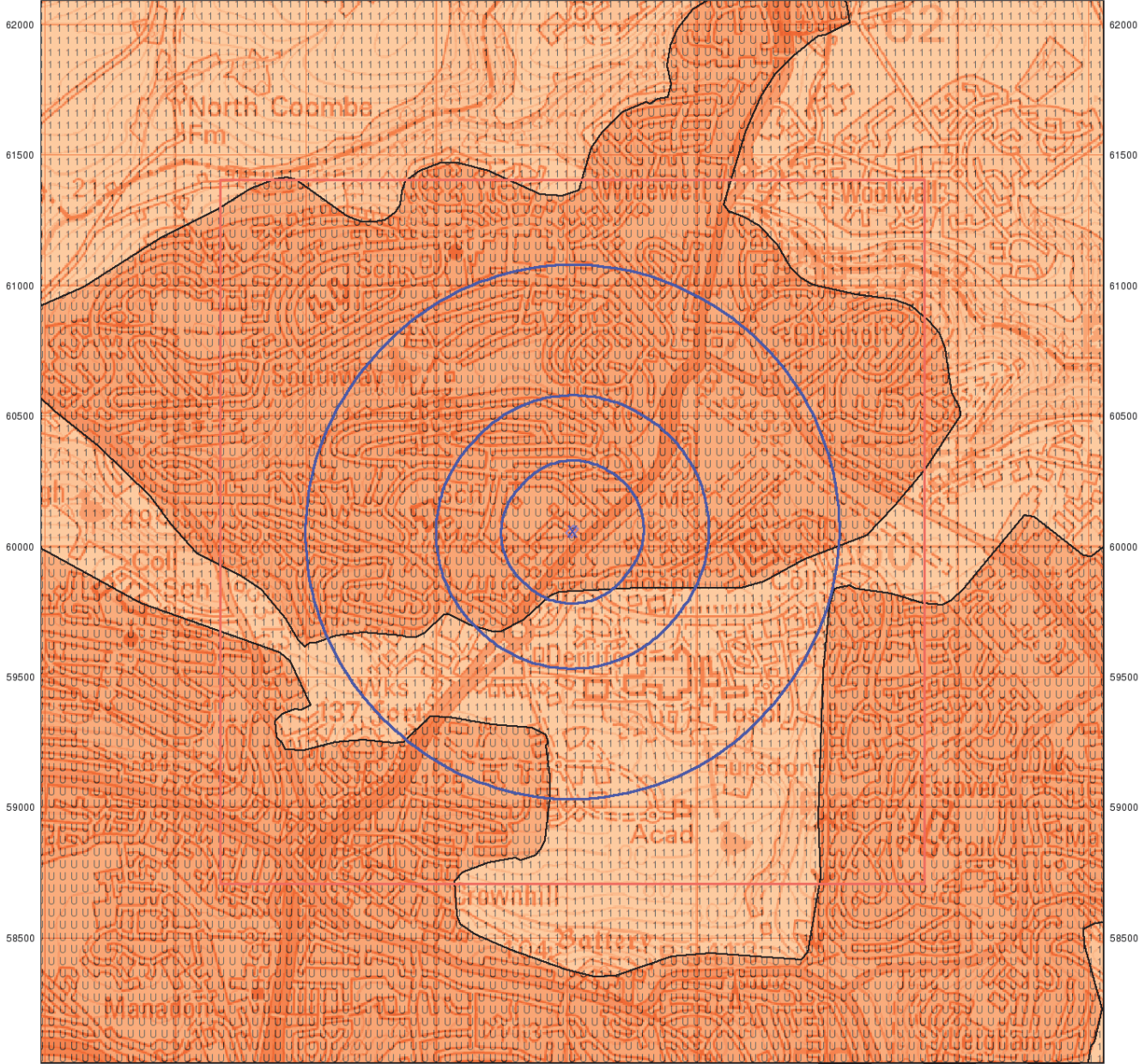
Order Details

Order Details: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

247500 248000 248500 249000 249500 250000 250500 251000 251500



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Groundwater Vulnerability

General

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

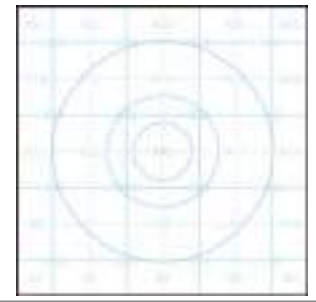
Agency and Hydrological

Geological Classes

- Major Aquifer (Highly Permeable)**
 - High (H) 1, 2, 3, U
 - Intermediate (I) 1, 2
 - Low
- Minor Aquifer (Variably Permeable)**
 - High (H) 1, 2, 3, U
 - Intermediate (I) 1, 2
 - Low
- Non Aquifer (Negligibly Permeable)**
 -
- Water or Sea**
 -
- Drift Deposit**
 -

Soil Classes

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

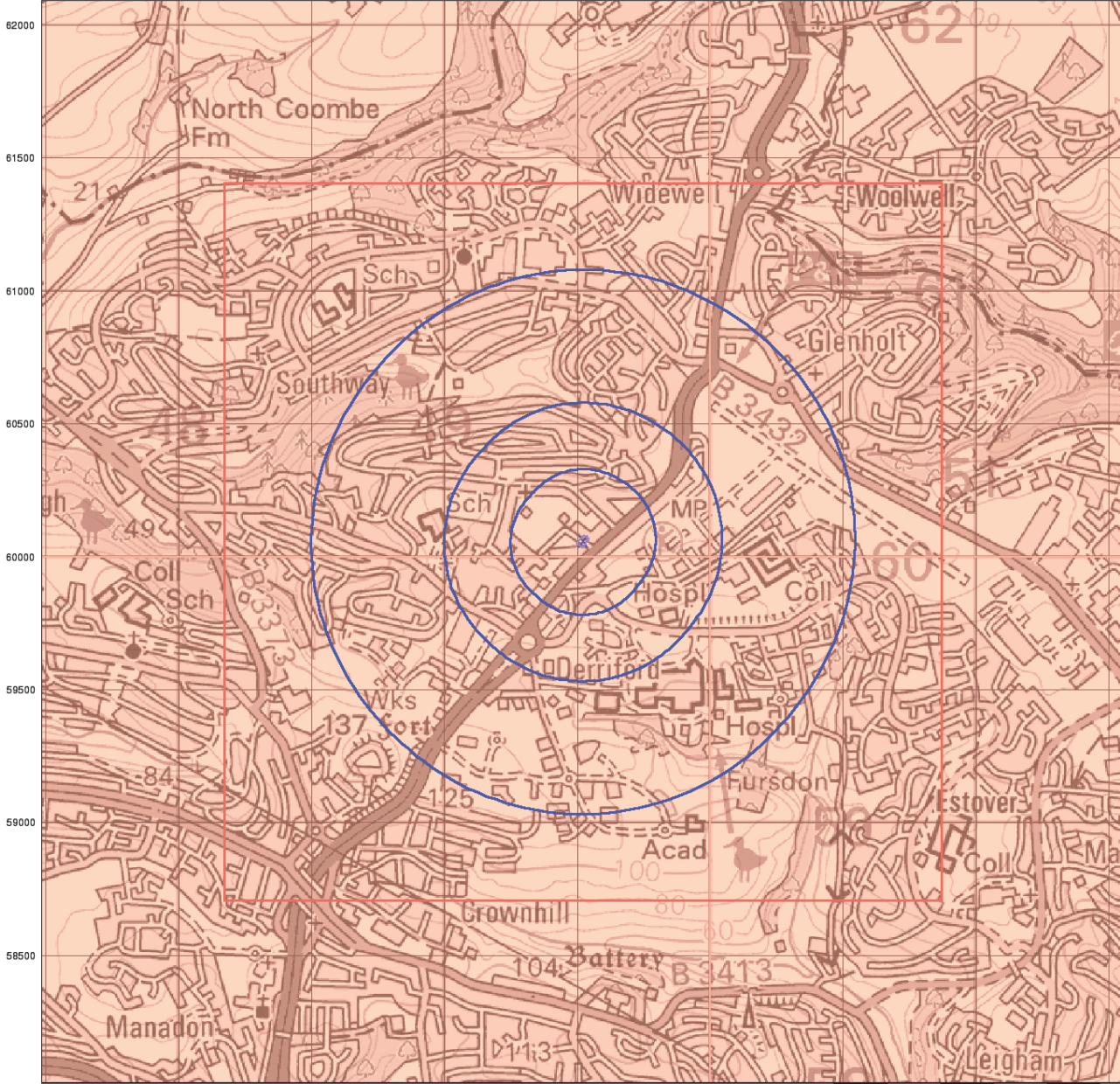
Site Details

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 Fax: 0844 844 9951
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0 1 km



Bedrock Aquifer Designation

General

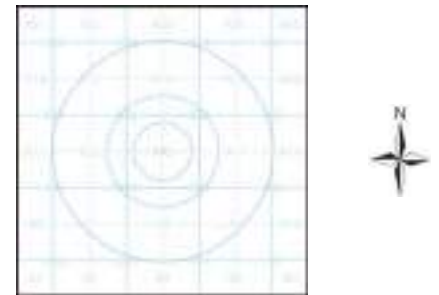
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

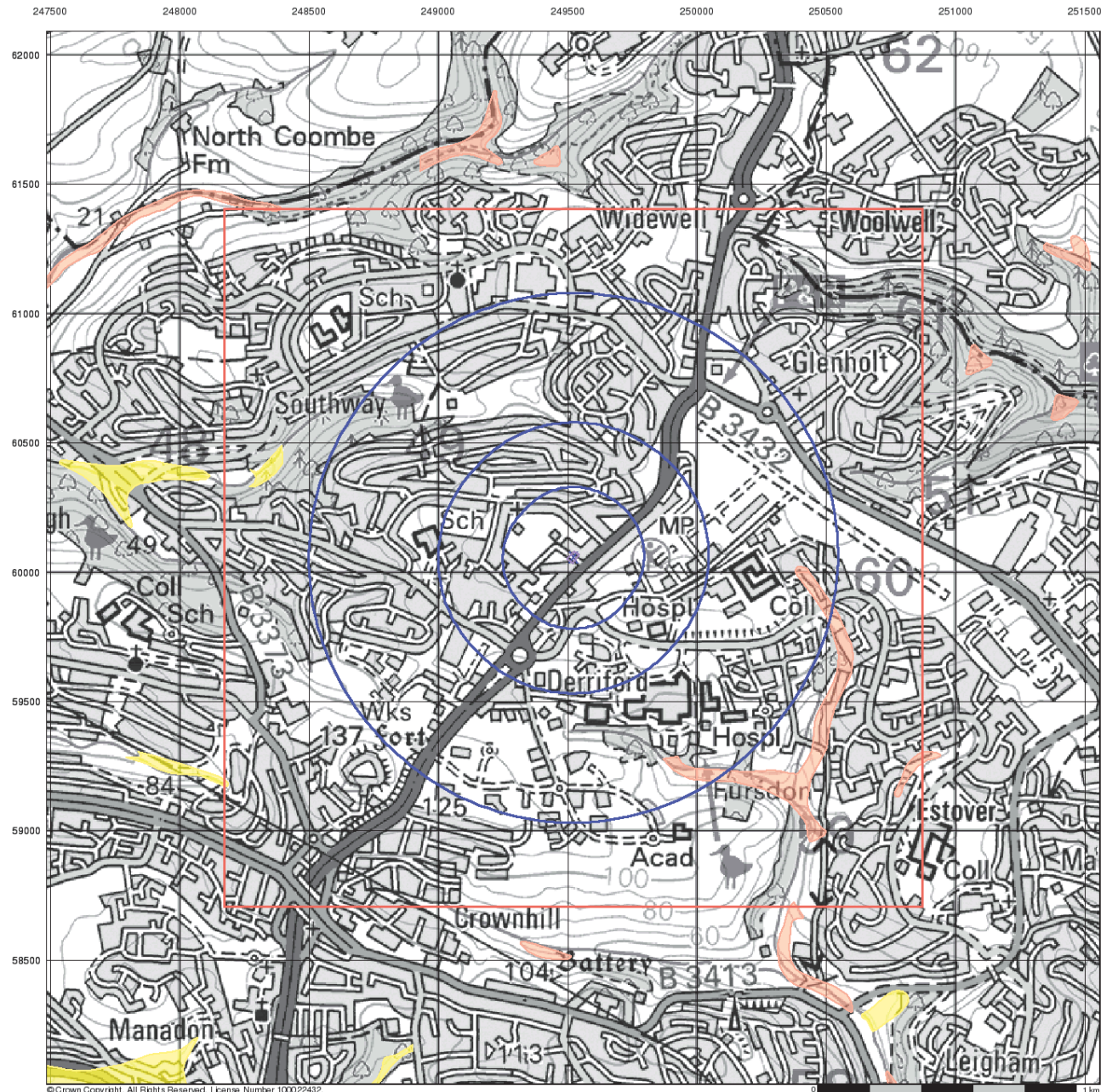
Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

General

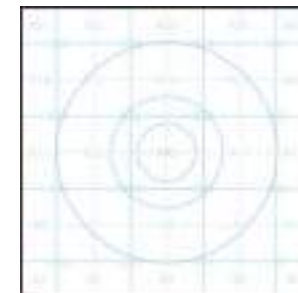
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point
-  Slice
-  Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

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Source Protection Zones

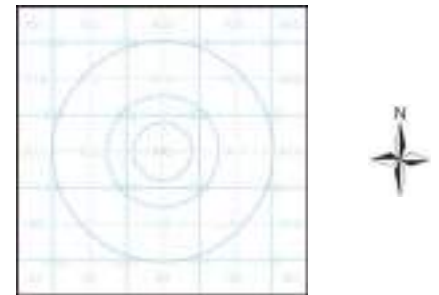
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

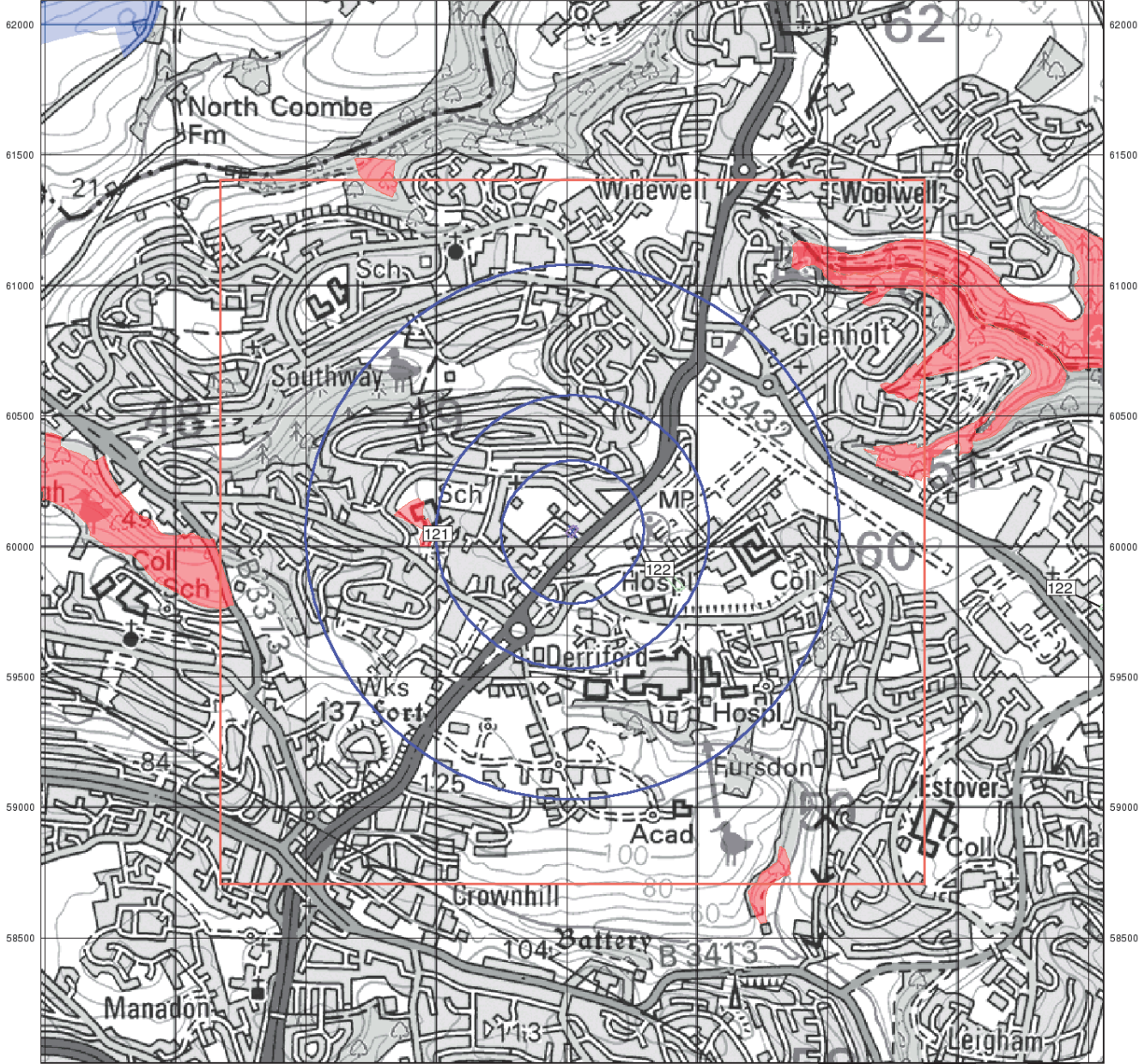
Site Details

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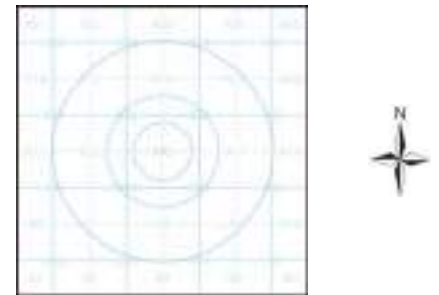
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Sensitive Land Uses

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Slice
 - Map ID
- Sensitive Land Uses**
- Ancient Woodland
 - Area of Adopted Green Belt
 - Area of Unadopted Green Belt
 - Area of Outstanding Natural Beauty
 - Environmentally Sensitive Area
 - Forest Park
 - Local Nature Reserve
 - Marine Nature Reserve
 - National Nature Reserve
 - National Park
 - Nitrate Sensitive Area
 - Nitrate Vulnerable Zone
 - Ramsar Site
 - Site of Special Scientific Interest
 - Special Area of Conservation
 - Special Protection Area
 - World Heritage Sites

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

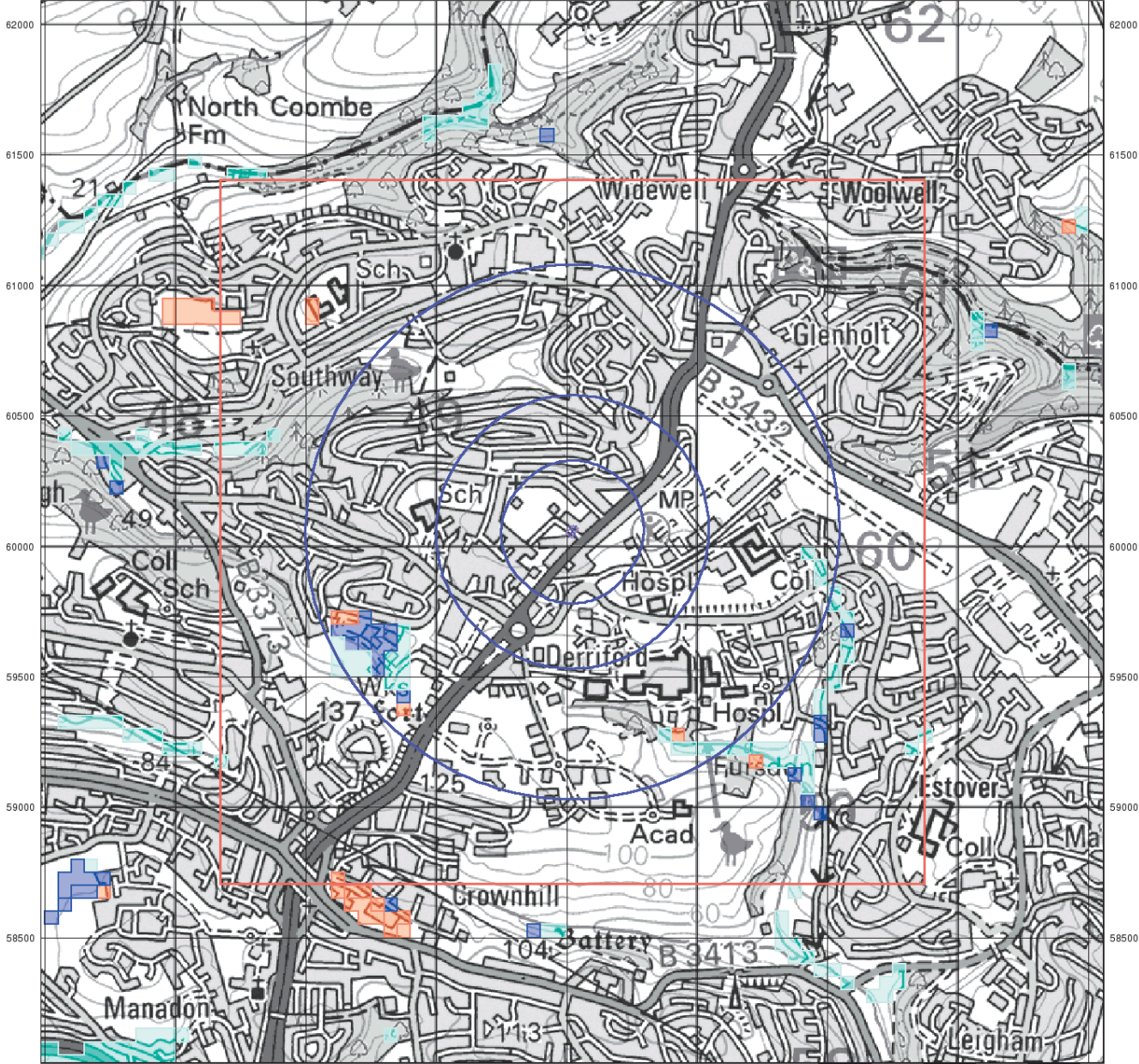
Site Details

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BGS Flood GFS Data

General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



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

Index Map

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

Slice

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

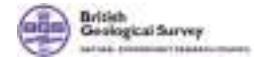
Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr M Austin, Ian Farmer Associates, 1 Riverside House, Heron Way, Newham, Truro, Cornwall, TR1 2XN

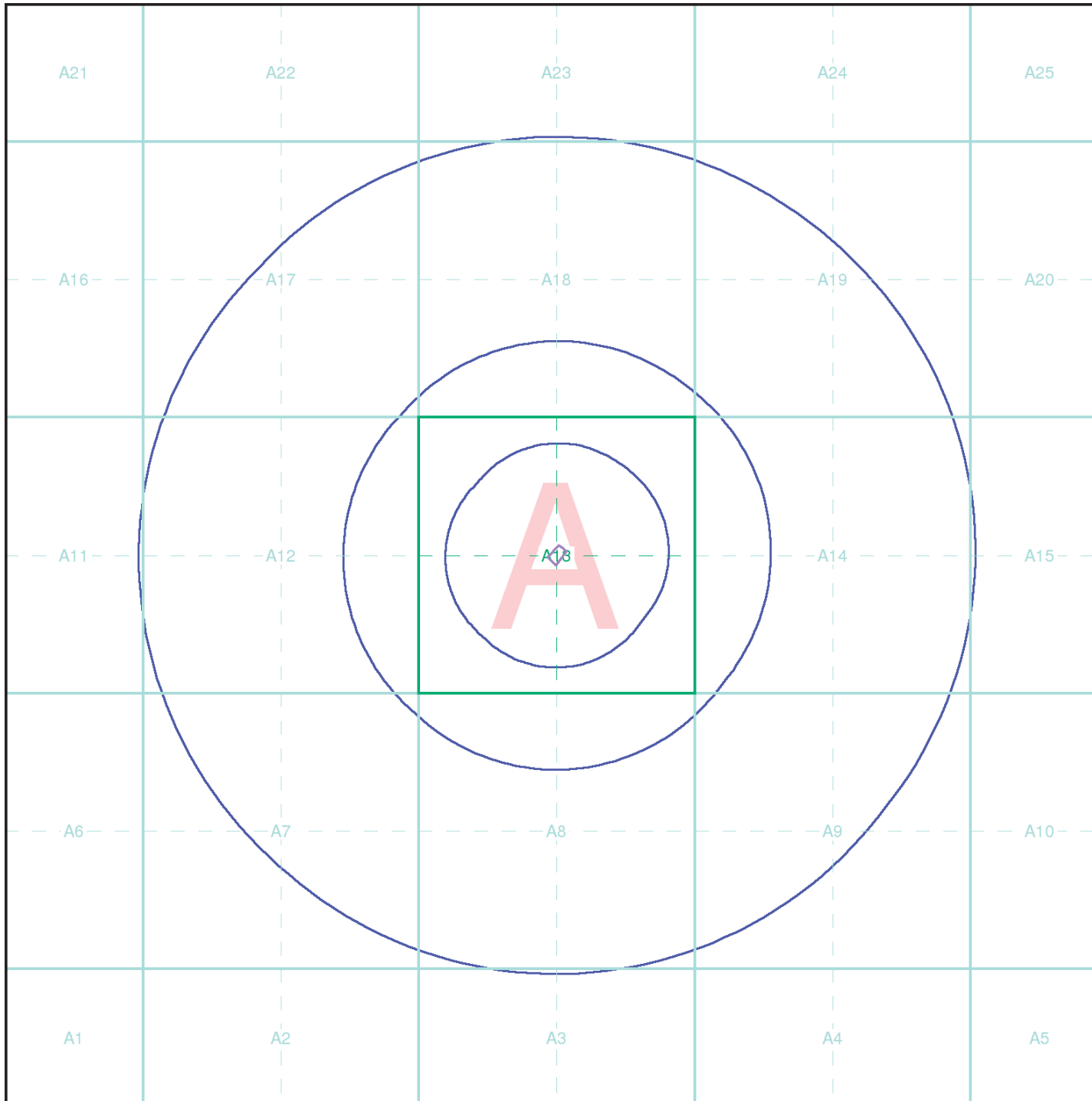
Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Site Area (Ha): 0.11
 Search Buffer (m): 1000

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

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<http://www.landmarkinfo.co.uk/Terms/Show/515>



APPENDIX 5
HISTORICAL MINING SEARCH



WESTCOUNTRY MINES

& PROPERTY SURVEYS

MINING SUBSIDENCE CONSULTANTS
Grove Farm, East Hill, Blackwater, Truro, Cornwall TR4 8EG
Tel & Fax: 01872 562837 E-mail: info@westcountrymines.co.uk

Your ref: C61107

Ian Farmer Associates
Unit 1 Riverside House
Heron Way
Truro
Cornwall

2nd May 2017

Dear Sirs,

Thank you for your instructions to carry out a metalliferous tin mining archive search for which we are pleased to present the following report.

REFERENCE

PLOT 4 DELGANY DRIVE, PLYMOUTH, DEVON.
NATIONAL GRID REFERENCE SX 495600 REPORT REF: 60027.

INTRODUCTION

The property, located on the north eastern outskirts of Plymouth lies close to a historic mining area with intensive underground and surface activity. This report undertakes to advise only on possible untoward past metalliferous mining features likely to present a future risk to ground and structural stability.

In general for Cornwall and Devon, the main risk to ground stability is not associated with the deeper metalliferous mine workings but with the connection at surface such as shafts, worked lode outcrops, trial pits or quarries, etc. Subsidence is therefore usually caused by gradual backfill movement or sudden collapse of old support near to the surface. Except for later deep shafts the majority of subsidence problems are related to early workings prior to the mid-19th Century for which there are very few records. While these shallow workings can often be identified from surface features or projected from the deeper recorded levels they are often associated with lodes for which there are no remaining features, knowledge or later underground development. **Therefore totally unrecorded or unindicated workings can exist within any mineralised area.**

GEOLOGY

The country rocks are Upper Devonian slates with massive intrusions of schalsteins and tuff. . Shallow deposits of alluvium cover the valley bottoms to the east. Occasional mineralised lode structures, mostly in the form of narrow and steeply dipping veins, irregularly traverse the area with a general trend of ENE-WSW. Intrusions of greenstone and elvan dykes also occur and run parallel with the lodes while crosscourses or faults, some of which are mineralised, cut and displace the lodes at approximate right angles to their trend.

MINING HISTORY

The property lies on the southern periphery of the highly mineralised zones and extensively worked metalliferous lodes of the formerly productive West Devon mining district and contains no major deposits of economic importance. However, occasional mineralised lode structures, mostly in the form of narrow and steeply dipping veins, irregularly traverse the area with a general trend of east to west. Crosscourses or faults, some of which are mineralised, cut and displace the lodes at various angles to their trend. A number of these features, which are widely scattered throughout the Plymouth area, have been exploited during the mid-19th Century.

MINING APPRAISAL

There is little information and no mine plans of the very early underground workings in the area. However, the attached compilation plan helps to identify the known, indicated and suspected mining and geological features within this locality. As can be seen there is no recorded mining activity within the search area. The nearest known mining activity is located approximately 1.6 kilometres to the south west of the property and is associated with Wheal Whitfield. Workings associated with Devonshire Silver Lead Mine lie some 1.9 kilometres to the south of the dwelling.

Disused quarries surround the plan area, the nearest example lies some 75 metres to the west north west of the property, and while these features are not confirmed, or in this instance believed to be mining related, very often within mining areas old abandoned mining features were later recorded as quarries. A well is located 5 metres to the east of the properties eastern boundary, and while this feature is not confirmed, or in this instance believed to be mining related, very often within mining areas old abandoned shafts were later used for a local water supply. The early Ordnance Survey plans show the site of the property to be undisturbed by any surface signs of past mining activity. Although deep underground workings would not be expected, and should not affect ground stability, the presence of unrecorded mining activity cannot be entirely ruled out.

Where possible the original plans and mining maps have been correlated with the Ordnance Survey 1:2500 scale. The 1880 and 1907 editions of the Ordnance Survey have been studied when necessary to help identify surface features relevant to past mining and quarry activity. Reference can also be made to the 6 inch Geological Survey published 1906 and the 1974 British Geological Survey 1:50 000 scale.

LIMITATIONS

Although this report is based on the extensive collection of plans, records and archive material, including reference to all our Abandoned Mine Plans for the local Devon Mines, it has to be recognised that these plans and records are often conflicting and incomplete. Also there are no records or plans for most of the mining carried out prior to the mid-19th Century. This early and unrecorded mining activity is considered to be extensive throughout the zones of mineralization. Where more than one source is available for the same information the most reliable source or our interpretation has been used. While every effort is made to reasonably search the archives and plans, Westcountry Mines & Property Surveys cannot accept liability for any inaccuracies or omissions there may be with respect to those records.

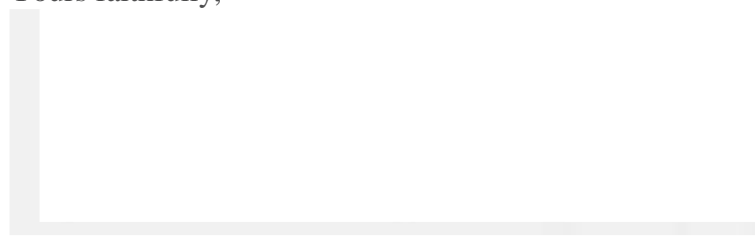
This report does not include a site visit and is not a structural survey although in any mineralised area it would be prudent to have one carried out. The property is situated within a historically mined area and as such the ground area maybe subject to contamination, this report does not comment on environmental or contaminated land issues related to past mining activity. The report and plan is provided for the sole use of the client and Westcountry Mines & Property Surveys will not accept responsibility or liability to any persons other than the client or their professional advisers.

CONCLUSIONS

It is indicated that the property is clear of known significant metalliferous mining activity. While mining features would not be expected, as in any mineralised area, there is always a possibility of further unrecorded or unsecured mining related activity, however in this instance we feel that this can be considered an acceptable mortgage risk.

We trust that the above is of assistance, and assure you of our prompt attention to any future requirements. Please contact us should you need further help or have any queries or problems you would like to discuss.

Yours faithfully,

A large grey rectangular box redacting the signature of the sender.

Westcountry Mines and Property Surveys

GLOSSARY

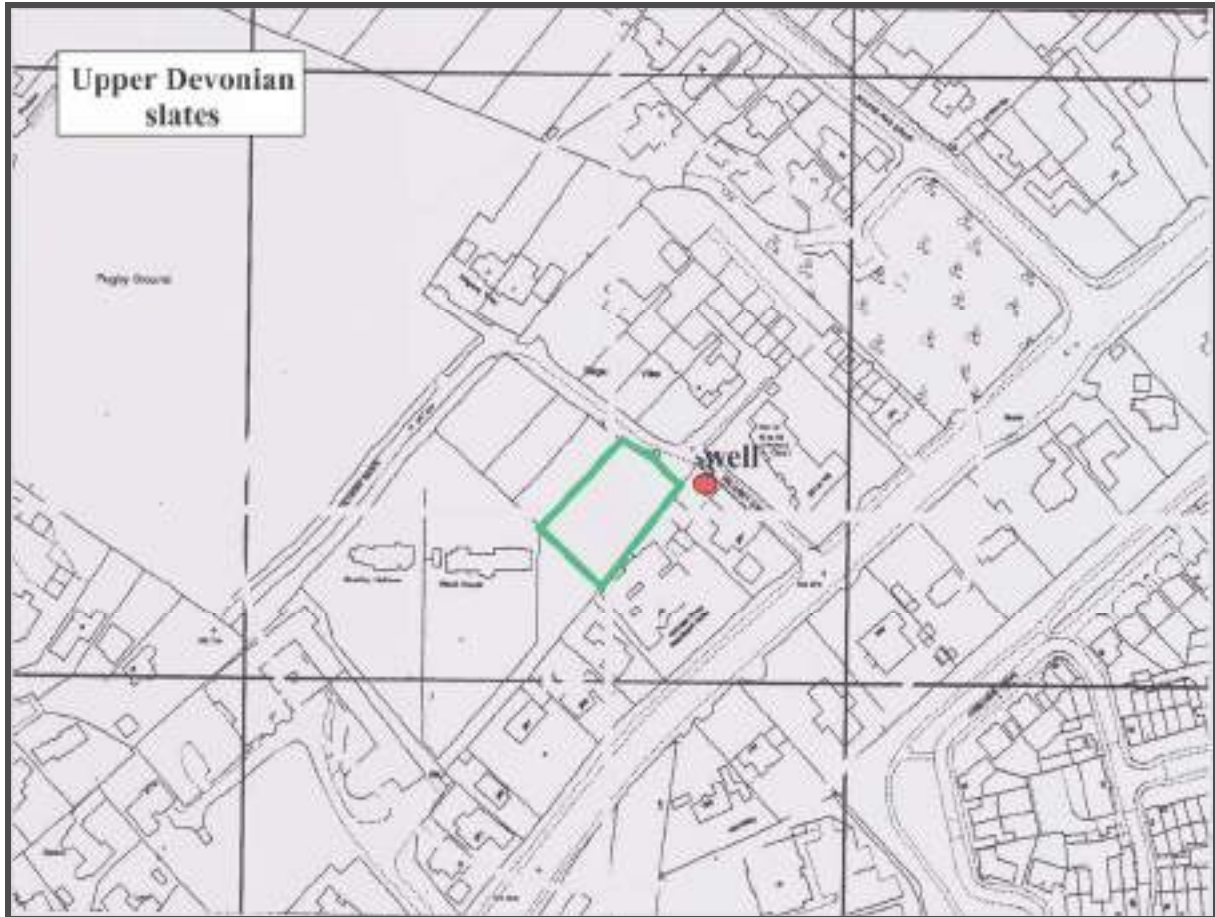
Adit: horizontal tunnel driven from low ground to drain or ventilate mine workings in higher ground
Alluvium: sand, clay, and rock debris deposited by a river
Burrow: mine waste dump
Caunter Lode: lode running in different direction to general lode trend
Crosscourse: sheet like geological feature striking across the general direction of the lodes
Dip: angle of inclination of lode or rock structure from the horizontal
Drive: horizontal tunnel (verb) meaning to advance a tunnel
Elvan: intrusive igneous rock (quartz-porphyrines) occurring in the form of veins and dykes
Granite: igneous rock, crystalline compound of quartz, feldspar and mica
Greenstone: Cornish term "blue elvan" igneous intrusion genetically related to granite
Huel: ancient name for mine corrupted into "Wheal"
Kaolinisation: alteration of granite to clay and sand from solid rock
Killas: general Cornish term given to sedimentary rocks
Level: underground horizon on which tunnels are driven
Lode: mineralised vein producing ore
Leat: water course
Mundic: iron pyrites, arsenic and sulphur - arsenopyrite
Open Cast: where minerals are worked on surface
Outcrop: surface penetration of geological features such as lodes or rock formations
Sett: area of ground leased for mining
Shaft: vertical excavation to connect underground workings to surface, providing access
Stope: underground excavation from which ore is extracted
Streaming: extraction of tin ore (cassiterite) from alluvium
Tailings: waste products of ore-dressing
Underlie: angle of inclination from the vertical of a geological structure

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Dines, H.G., The Metalliferous Mining Region of Southwest England 2 vols, 1956
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MINING SEARCH PLAN

PLOT 4 DELGANY DRIVE, PLYMOUTH, DEVON.



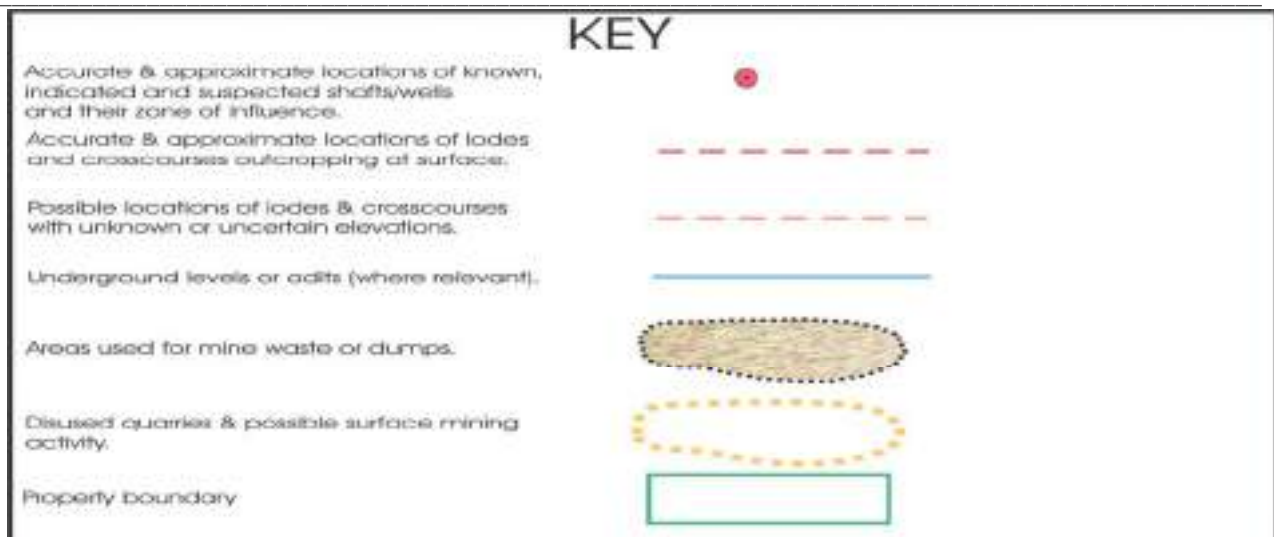
WESTCOUNTRY MINES & PROPERTY SURVEYS
 GROVE FARM, EAST HILL
 BLACKWATER, TRURO
 CORNWALL TR4 8EG
 Tel/Fax: 01872 562837

MINE SEARCH PLAN

DRAWN BY: RB/SW

Not to Scale
 Nat Grid Ref SX 495600
 E-mail: info@westcountrymines.co.uk

Plan Ref: 60027
 Date 02/05/2017



THE MINING FEATURES SHOWN ON THIS PLAN ARE BASED ON READILY AVAILABLE INFORMATION AND CANNOT BE CONSIDERED AS EITHER BEING TOTALLY ACCURATE OR COMPLETE. BASED ON ORDNANCE SURVEY 1:2500 PLANS WITH PERMISSION OF THE CONTROLLER OF HER MAJESTY'S STATIONARY OFFICE. COPYRIGHT LICENCE No: AL815772.

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- Environmental Investigation and Advice
- Structural and Condition Surveys
- Desk Studies
- Compliance Testing of Material
- Concrete Technology
- Asbestos Survey and Management
- Insitu Testing
- Archaeological Studies and Surveys



Coventry • Harpenden • Llanelli • Motherwell
 Newcastle upon Tyne • Truro • Warrington • Washington





**IAN FARMER
ASSOCIATES**

Geotechnical & Environmental Specialists

MR & MRS JOHNSON

**PLOT 4 DELGANY DRIVE
PLYMOUTH PL6 8AQ**

REPORT ON PRELIMINARY INVESTIGATION

Contract: C61107

Date: APRIL 2017

Ian Farmer Associates (1998) Limited
1 Riverside House, Heron Way,
Newham, Truro. TR1 2XN
Telephone: 01872 261775
Email: truro@ianfarmer.co.uk

REPORT ON PRELIMINARY INVESTIGATION

carried out at

PLOT 4 DELGANY DRIVE

PLYMOUTH PL6 8AQ

Prepared for

**MR & MRS JOHNSON
c/o Ercle Design
Unit 12 Creykes Court
5 Craigie Drive
Millfields
Plymouth
PL1 3JB**

Contract: C61107

Date: APRIL 2017

EXECUTIVE SUMMARY

On the instructions of Ercl Design on behalf of Mr & Mrs Johnson, a Preliminary Investigation in the form of a desk study and site reconnaissance has been carried out to assess the potential hazards on and adjacent to the site and prepare a risk assessment for further consideration.

It is understood that it is proposed to develop the site for a new residential property with garden and associated infrastructure.

The site is situated at Delgany Drive, approximately 5.25km to the north east of the City centre of Plymouth and may be located by Grid Reference SX 49480 60085.

The geological map indicates the site to be underlain by Upper Devonian Slates, described as bedrock formed approximately 359 to 385 million years ago in the Devonian Period.

A review of the history of the site has been conducted based on readily available historical maps and a walkover survey of the site was conducted on the 20th of April 2017. At the time of the walkover survey, the site comprised a rectangular piece of land extending to about 0.08Ha.

The site comprised grassed lawn, with juvenile and mature trees and shrubs around the northern, southern and western boundaries. The eastern boundary was formed by wooden close boarded fencing. The site was generally flat and level. The surrounding topography was also generally flat and level. The sites northern and western boundaries were formed by Delgany Drive, with residential properties located beyond to the north and a rugby Ground located beyond the road to the west. Residential properties with associated gardens lay to the south, and lawn gardens lay to the east of the site. There were no overhead services or service markers visible at the time of the site walkover. All vegetation on the site and in the surrounding area appeared to be in a healthy condition

The desk based research has identified the following potential sources of contamination which may form part of a pollutant linkage:

- Elevated levels of heavy metals associated with the local geology.
- Contamination associated with residential gardens/ previous agricultural use
- Radon

This Preliminary Investigation has identified potential pollutant linkages on the site, as such, it is recommended that a ground investigation be undertaken to assess the actual nature, presence and extent of any contamination in the ground. Investigation of the site to determine any environmental risks may be extended to confirm the ground conditions beneath the site and inform geotechnical design decisions.

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1.0 INTRODUCTION

1.1 General

- 1.1.1 On the instructions of Ercle Design on behalf of Mr & Mrs Johnson, a Preliminary Investigation in the form of a desk study and site reconnaissance has been carried out in order to assess the potential hazards on and adjacent to the site and prepare a risk assessment for further consideration.
- 1.1.2 It is understood that it is proposed to develop the site for a new residential development with gardens and associated infrastructure.
- 1.1.3 This report has been prepared for the sole use of the Client for the purpose described and no extended duty of care to any third party is implied or offered. Third parties using any information contained within this report do so at their own risk.
- 1.1.4 It is recommended that a copy of this report be submitted to the relevant authorities to enable them to carry out their own site assessment and provide any comments.
- 1.1.5 The comments given in this report and the opinions expressed herein are based on the information obtained from the desk study and site reconnaissance. No intrusive investigation has been carried out to confirm the actual ground or environmental conditions.
- 1.1.6 Any risks identified in this report are perceived risks based on information reviewed. Actual risks can only be assessed following a physical investigation of the site.
- 1.1.7 This report has been based, in part, on information supplied by others. The report has been prepared on the basis of that information being accurate.
- 1.1.8 The conclusions presented in this report are based on the guidance available at the time of preparation of the report. No liability can be accepted for the retrospective effects of any changes or amendments to legislation or guidance.
- 1.1.9 This Preliminary Investigation has been conducted in general accordance with CLR 3, ref. 8.0, CLR 11, ref 8.2, BS 10175, ref 8.3, and GPLC 1, ref 8.4.

2.0 SITE

2.1 Site Location

2.1.1 The site is situated at Delgany Drive, approximately 5.25km to the north east of the City centre of Plymouth and may be located by Grid Reference SX 49515 60055. A site location plan and aerial photograph are included in Appendix 1, Figures A1.1 and A1.2.

2.2 Site Walkover and Description

2.2.1 A walkover survey of the site was conducted on the 10th of April 2017. The walkover was carried out in general accordance with CLR 2, ref. 8.5.

2.2.2 At the time of the site walkover, the site comprised a rectangular piece of land extending to about 0.11Ha.

2.2.3 The site comprised grassed lawn, with juvenile and mature trees and shrubs around all four site boundaries. A child's swing set was located in the sites northern corner.

2.2.4 The site was generally flat and level. The surrounding topography was also generally flat and level.

2.2.5 The sites northeastern boundary was formed by Delgany Drive, with residential properties located beyond. Residential properties with associated gardens lay to the south, southwest and southeast of the site, with lawn gardens to the east of the site.

2.2.1 There were no overhead services or service markers visible at the time of the site walkover.

2.2.2 All vegetation on the site and in the surrounding area appeared to be in a healthy condition.

2.2.3 There was no visual or olfactory evidence of contamination or evidence of asbestos containing material, electric substations, bonfires or chemical storage on the site at the time of the site walkover.

2.2.4 The site was dry underfoot and there were no streams, watercourses or areas of standing water on site at the time of the walkover survey.

2.2.5 Photographs from the walkover survey are included within Appendix 2, Figures A2.1 to A2.8.

2.3 Historical Maps

2.3.1 A review of the history of the site has been conducted based on readily available historical maps. Details of the findings are provided in the table below. All maps are provided in Appendix 4.

Map, Date and Scale	Site Description	Regional Setting
Devon 1870 1:10560	The site is located within an agricultural field and there are no visible structures within the site.	The site is surrounded by predominantly by agricultural land. Settlements lie between 160-250m northeast of the site at Greenbank and Powisland. A large house, shown as Derriford with associated grounds lies 460m to the southeast. Derriford Wood lies 250m southeast of the site. A number of settlements are shown in the surrounding area, thought to be predominantly farms, interspersed with a number of quarries and wells in the outlying areas.
Devon 1885-1886 1:10560	The map is largely incomplete, it has therefore been removed from further consideration.	The partial map shows the extent of agricultural land in the surround area.
Devon 1886-1894 1:2500	There are no observable changes to the site since the previously published map.	Residential properties have been constructed 40m to the east of the site at Prospect Villas.
Devon 1906 1:2500	There are no observable changes to the site since the previously published map.	Delgany Villas have been constructed 25m north of the site, with a mission room and further residential properties having been constructed 20m southeast. Crown Hill Convalescent Home has been constructed 90m to the northeast of the site. Delgany House has been constructed 170m to the southwest of the site. A quarry is located 195m northwest of the site.
Devon 1907 1:10560	There are no observable changes to the site since the previously published map.	Devonport Water Works Company filter beds are located 735m southwest of the site. A reservoir is located 730m to the southwest of the site. Crownhill Hutments are located 840m south of the site.
Devon 1913 1:2500	The map is largely incomplete, it has therefore been removed from further consideration.	The partial map indicates a second structure to be present within the grounds of Delgany House, 200m west of the site.
Devon 1919 1:10560	The map is largely incomplete, it has therefore been removed from further consideration.	The partial map indicates second reservoir is located 465m southwest of the site.
Devon 1933 1:2500	The map is largely incomplete, it has therefore been removed from further consideration.	The partial map indicates sporadic residential development continues to take place in the surrounding area.
Devon 1933 1:10560	The map is largely incomplete, it has therefore been removed from further consideration.	The partial map indicates that Crownhill Fort is located 990m to the southwest of the site. Sporadic residential development continues to take place in the surrounding area.

Map, Date and Scale	Site Description	Regional Setting
Devon 1938 1:10560	The map is largely incomplete, it has therefore been removed from further consideration.	The partial map shows the extent of development that continues to take place in the surrounding area.
Ordnance Survey Plan 1952-1953 1:2500	The site comprises a single enclosure, having been subdivided from the larger field.	Residential development has taken place along the A386, located 45m southeast of the site.
Ordnance Survey Plan 1954 1:10000	There are no observable changes to the site since the previously published map.	The larger scale map shows the extent of development that continues to take place, particularly to the south and east of the site. Crownhill Hutments to the south of the site is now shown as Seaton Barracks. Plymouth airport is located 640m northeast.
Ordnance Survey Plan 1957 1:10000	There are no observable changes to the site since the previously published map.	The partial map indicates sporadic residential development continues to take place in the surrounding area.
Ordnance Survey Plan 1963-1981 1:1250	The map is largely incomplete, it has therefore been removed from further consideration.	Two properties, shown as Stoke House and Reedley Hallows have been constricted between 20-45m to the southwest of the site. Plymouth College playing field is located 110m to the northwest of the site, with a pavilion located 220m northwest of the site. Residential properties have been constructed 130m north of the site along Powisland Drive.
Ordnance Survey Plan 1964-1967 1:2500	There are no observable changes to the site since the previously published map.	Sporadic residential infill development continues to take place in the surrounding area.
Ordnance Survey Plan 1968 1:10000	The map is largely incomplete, it has therefore been removed from further consideration.	The map is largely incomplete, it has therefore been removed from further consideration.
Ordnance Survey Plan 1969 1:1250	There are no observable changes to the site since the previously published map.	Derriford Congregational Church has been constructed 260m to the northwest of the site. Residential infill development continues to take place in the surrounding area.
Additional SIMs 1969-1989 1:1250	There are no observable changes to the site since the previously published map.	Residential development has taken place 210m southwest of the site at Beatty Close.
Ordnance Survey Plan 1971 1:2500	There are no observable changes to the site since the previously published map.	Sporadic residential infill development continues to take place in the surrounding area.

Map, Date and Scale	Site Description	Regional Setting
Supply of Unpublished Survey Information 1974 1:1250	There are no observable changes to the site since the previously published map.	Sporadic residential infill development continues to take place in the surrounding area.
Ordnance Survey Plan 1976 1:10000	There are no observable changes to the site since the previously published map.	The partial map indicates sporadic residential development continues to take place in the surrounding area.
Additional SIMs 1978-1991 1:1250	There are no observable changes to the site since the previously published map.	Sporadic residential infill development continues to take place in the surrounding area.
Russian Military Mapping 1981 1:10000	There are no observable changes to the site since the previously published map.	There are no observable changes to the surrounding area since the previously published map.
Ordnance Survey Plan 1982-1989 1:10000	There are no observable changes to the site since the previously published map.	The larger scale map shows the extent of development that continues to take place in the surrounding area.
Additional SIMs 1989 1:1250	There are no observable changes to the site since the previously published map.	The partial map indicates sporadic residential development continues to take place in the surrounding area.
Ordnance Survey Plan 1991-1995 1:10000	There are no observable changes to the site since the previously published map.	The partial larger scale map shows the extent of development that continues to take place in the surrounding area.
Large-Scale National Grid Data 1992 1:1250	There are no observable changes to the site since the previously published map.	Infill development continues to take place in the surrounding area.
Large-Scale National Grid Data 1993-1994 1:1250	There are no observable changes to the site since the previously published map.	The partial map indicates sporadic infill residential development continues to take place in the surrounding area.
Historical Aerial Photography 1999	The aerial view shows the site to be a residential garden, with no structures indicated to be present on the site.	The aerial view shows the surrounding area comprises predominantly residential properties with sporadic areas of public open space.

Map, Date and Scale	Site Description	Regional Setting
10k Raster Mapping 1999 1:10000	There are no observable changes to the site since the previously published map.	The larger scale map shows the extent of development that continues to take place in the surrounding area.
10k Raster Mapping 2006 1:10000	There are no observable changes to the site since the previously published map.	Seaton Barracks located 840m to the south of the site has been demolished and is now shown as Plymouth International Business Park.
VectorMap Local 2017 1:10000	The historical map appears to be substantially accurate in comparison to the current setting.	The historical map appears to be substantially accurate in comparison to the current setting

2.4 Summary

- 2.4.1 The site was first shown to be located within an agricultural field on the first available map dated 1870. The site remained in this use until the 1952 map which indicated the site to comprise a single enclosure, having been subdivided from the larger field. No further changes have been indicated on the site until the most recently published map dated 2017.
- 2.4.2 The surrounding area has undergone significant development since the first available map dated 1870, when the site was surrounded by predominantly by agricultural land. Over time development has taken place in all directions leaving the surrounding site area to be comprised of predominately residential properties with sporadic areas of public open space.

2.5 Anecdotal Evidence

- 2.5.1 At the time of the site walkover it was indicated during a verbal conversation, that the septic tank for the adjacent Residential Home was located just within the sites southeastern boundary.

3.0 SITE SETTING

3.1 Geological Setting

- 3.1.1 Details of the geology underlying the site have been obtained from the relevant geological map of the area, ref. 8.6.
- 3.1.2 The geological map indicates the site to be underlain by Upper Devonian Slates, described as bedrock formed approximately 359 to 385 million years ago in the Devonian Period.

3.2 Hydrogeological Setting

- 3.2.1 The hydrogeological records, provided by the Environment Agency, indicate that the site is situated on a Secondary A Aquifer, relating to the variably permeable Upper Devonian Slates.
- 3.2.2 The Environment Agency defines Secondary A aquifers as 'permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers'.
- 3.2.3 The site is classified as being within an urban setting as designated by the Environment Agency, which therefore means that the soils are classified as having a high leaching potential.
- 3.2.4 Soils of high leaching potential are soils that readily transmit liquid discharges because they are either shallow or susceptible to rapid by-pass flow directly to rock, gravel or groundwater.
- 3.2.5 The site is not located within a groundwater source protection zone.
- 3.2.6 There are no groundwater abstraction wells within 500m of the site.

3.3 Hydrological Setting

- 3.3.1 The nearest surface watercourse is an unnamed stream, located approximately 405m to the northeast of the site at its closest point.
- 3.3.2 The surface water is at approximately 15m below the level of the site.
- 3.3.3 The site is not situated within an area defined by the Environment Agency as being at risk of flooding from rivers or the sea at the extent of extreme flood.
- 3.3.4 There is no available river quality classification data for the nearest watercourse.
- 3.3.5 There are no surface water abstractions within 500m of the site.

3.4 Radon

- 3.4.1 The British Geological Survey, in conjunction with the Radiation Protection Division of the Health Protection Agency, ref. 8.7, indicates the site to lie within an area where there is a probability of 5% to 10% of present or future homes being above the action level of 200Bq/m³. As such, the site is classified as a Radon Affected Area.
- 3.4.2 Therefore, the guidance recommends that basic radon protective measures should be installed in the proposed development in line with the Building Research Establishment, Report BR211, ref 8.8.

3.5 Soil Geochemistry

- 3.5.1 The British Geological Survey data indicates the following concentrations of naturally occurring metals to be representative of background levels in natural soil underlying the site. The levels are based on those present in rural soils and are not necessarily representative of levels within Made Ground which may be encountered on site:

Element	Concentration (mg/kg)
Arsenic	45-60
Cadmium	<1.8
Chromium	90-120
Lead	<100
Nickel	30-45

4.0 ASSESSMENT OF GEOTECHNICAL RISK

4.1 Geological Constraints

4.1.1 The following are brief findings relating to factors identified during the research from the Envirocheck data that may have a potential impact upon the engineering of the proposed development.

Potential Hazard	Assessed Risk	Comment
BGS Recorded Mineral Sites	Low	Closest at 209m northwest, relates to an opencast slate quarry which is shown to have ceased operation.
Mining Instability	Very low	Refer to Section 4.2 and Appendix 5.
Quarrying	Low	Closest at 209m northwest, relates to an opencast slate quarry which is shown to have ceased operation.
Man-Made or Natural Cavities	None	
Collapsible Ground	Very low	The strata underlying the site as interpreted from the relevant geological map are not prone to collapse when saturated with water.
Compressible Ground	None	
Ground Dissolution	None	
Landslide	Very low	The strata underlying the site as interpreted from the relevant geological map, indicate only a very low risk of landslide stability hazards.
Running Sand	None	
Shrinking or Swelling Clay	None	
Unconsolidated Made Ground	Very low	There is no evidence for a significant thickness of Made Ground.
Bearing Pressure	Very low	The strata underlying the site as interpreted from the relevant geological map, should have acceptable bearing capacity.
Aggressive conditions for construction materials	Very low	Upper Devonian Slates do not contain potentially high concentrations of sulphates and sulphides.

4.2 Geotechnical Risk Assessment

4.2.1 An assessment of the main hazards associated with the site is detailed below. Unless stated otherwise, the presence of such hazards are based on information from the research or reconnaissance and have not been confirmed by an intrusive investigation.

- Soil Conditions

The risk of concrete attack from the Upper Devonian Slates can be considered to be very low.

The underlying geology comprises typical weathered bedrock and as such should be suitable for development.

- Topography

The Envirocheck data provided indicates only a very low risk of landslip subsidence.

- Previous Use

Historical mapping does not indicate previous development on the site. Therefore, the presence of buried structures such as services, basements and old foundations is unlikely.

4.3 Mining

4.3.1 A Historical mining search was carried out by Westcountry Mines and Property Surveys and is included in Appendix 5.

4.3.2 The report details that the property, located on the north eastern outskirts of Plymouth lies close to a historic mining area with intensive underground and surface activity.

4.3.3 The property lies on the southern periphery of the highly mineralised zones and extensively worked metalliferous lodes of the formerly productive West Devon mining district and contains no major deposits of economic importance. However, occasional mineralised lode structures, mostly in the form of narrow and steeply dipping veins, irregularly traverse the area with a general trend of east to west. Crosscourses or faults, some of which are mineralised, cut and displace the lodes at various angles to their trend. A number of these features, which are widely scattered throughout the Plymouth area, have been exploited during the mid-19th Century.

4.3.4 There is no recorded mining activity within the search area. The nearest known mining activity is located approximately 1.6km to the south west of the property and is associated with Wheal Whitfield. Workings associated with Devonshire Silver Lead Mine lie some 1.9km to the south of the dwelling.

4.3.5 Disused quarries surround the search area, the nearest example being located some 75m to the west of the property, and while these features are not confirmed, or in this instance believed to be mining related, very often within mining areas old abandoned mining features were later recorded as quarries, pits or ponds. A well is located 5m to the east of the properties eastern boundary, and while this feature is not confirmed, or in this instance believed to be mining related, very often within mining areas old abandoned shafts were later used for a local water supply.

4.3.6 It is indicated that the property is clear of known significant metalliferous mining activity. While mining features would not be expected, as in any mineralised area, there is always a possibility of further unrecorded or unsecured mining related activity, however in this instance we feel that this can be considered an acceptable mortgage risk.

4.4 Conclusions of Geotechnical Risk Assessment

4.4.1 The research has identified evidence of potential hazards associated with underlying ground conditions, either natural or man-made, and therefore it is recommended that further work be carried out to confirm the presence, nature or extent of those hazards anticipated to impact on the site.

5.0 ENVIRONMENTAL SEARCHES

5.1 Potential Sources of Contamination

5.1.1 A search was made of records held by the various regulatory authorities and other statutory bodies to determine the presence or otherwise of past and current activities on or within 500m of the site which have the potential to give rise to the presence on site of contaminants. The findings are given in the table below:

Activity	On Site	Off Site (distance / direction)	Detail
Contaminated Land Register Entries	None	None within 500m	
Discharge Consents	None	Two between 0-250m, one between 251-500m	Closest at 27m southeast, relates to treated sewage effluent to a land soakaway. Remaining entries also for sewage discharge to soakaways.
Integrated and Local Authority Pollution Prevention and Controls	None	One between 251-500m	Closest at 452m south, relates to a PG5/1 Clinical waste incineration process.
Pollution Incidents to Controlled Waters	None	None within 500m	
Prosecutions Relating to Authorised Processes or Controlled Waters	None	None within 500m	
Registered Radioactive Substances	None	None within 500m	
Substantiated Pollution Incident Register	None	None within 500m	
Water Abstractions	None	None within 500m	
BGS Recorded Landfill Sites	None	None within 500m	
Historical Landfill Sites	None	None within 500m	
Licensed Waste Management Facilities	None	None within 500m	
Local Authority Recorded Landfill Sites	None	None within 500m	
Registered Landfill Sites	None	None within 500m	
Registered Waste Transfer, Treatment or Disposal Sites	None	None within 500m	
Hazardous Substances	None	None within 500m	
Explosive Sites	None	None within 500m	
Contemporary Trade Entries	None	One between 0-250m, eleven between 251-500m	Closest at 228m south is a garage services; remainder relate to a wide range of commercial and retail activities commonplace in an urban setting.
Fuel Station Entries	None	None within 500m	

5.2 Green Belt Areas

5.2.1 There are no designated areas or as yet un-adopted areas of Green Belt land within 1km of the site.

5.3 Designated Sites

5.3.1 A review of the MultiAgency Geographic Information for the Countryside website, ref 8.9 was undertaken to assess whether there were any Sensitive Sites which may be impacted by the development.

5.3.2 The enquiries indicated there is one area of Ancient Woodland and one SSSI within 500m of the site.

5.4 Nitrate Vulnerable Zone

5.4.1 The site is not located within an area designated as a nitrate vulnerable zone.

6.0 ASSESSMENT OF GEOENVIRONMENTAL RISK

6.1 General

- 6.1.1 The definition of 'contaminated land', along with the relevant details on legislation and guidance is set out in Appendix 3.
- 6.1.2 The assessment of potential risk has been based on the guidelines given in CIRIA report C552, ref 8.9. These guidelines are summarised in Appendix 3.
- 6.1.3 The assessment of environmental risk is aimed at identifying the possible risk, if any, arising from substances used or deposited on the site, or from any other sources of land contamination, based on the principles of the pollutant linkage.
- 6.1.4 The assessment is based on the proposed development end use, taking account of present and previous use. It is based only on a review of historical maps, desk based data and site reconnaissance; therefore it contains some elements of conjecture based on professional judgement. A comprehensive risk assessment can only be made following an intrusive investigation and testing regime.
- 6.1.5 The proposed development comprises a new residential property with garden and associated infrastructure.

6.2 Potential Sources of Contamination Identified

- 6.2.1 The research has identified the following potential sources of contamination which may form part of a pollutant linkage:
- Elevated levels of heavy metals associated with the local geology.
 - Contamination associated with residential gardens/ previous agricultural use
 - Radon

6.3 Potential Pathways Identified

- 6.3.1 The research has identified a number of potential pathways which are relevant to the potential sources of contamination identified above and may form part of a pollutant linkage.
- 6.3.2 Those identified are detailed within the Conceptual Site Model, along with the receptors relevant to the development on a site specific basis.

6.4 Hazard Identification

- 6.4.1 The research has identified a number of potential sources and pathways which are considered 'likely' to be present which, taking into account the potential receptors identified, form potential pollutant linkages and have been used in the formulation of the Conceptual Site Model.

6.5 Hazard Assessment

6.5.1 An assessment of the main sources of contamination and the potential for unacceptable risk to receptors is detailed below. Unless stated otherwise, it is considered 'likely' that a potential source is present at this stage, in order to provide a preliminary estimation of the risk and therefore determine the need for further work.

- Human Health

Naturally elevated levels of heavy metals, due to the local geology, are anticipated to be present on site. The main receptor is anticipated to be site end-users and there is considered to be a moderate to low risk.

There is also the potential for contamination with compounds associated with residential garden / previous agricultural use of the site. The main receptor is anticipated to be site end-users there is considered to be a very low risk.

There is evidence for the potential for radon to be present at levels for which protection measures may be required. If measures are required and implemented then any residual risk could be considered negligible.

- Construction Material

The upper Devonian Slates are not known to contain high concentrations of sulphates and sulphides. The risk of concrete attack from natural strata is very low.

- Controlled Waters

The site is located on a Secondary A aquifer relating to the variably permeable Upper Devonian Slates, but is not located within a groundwater source protection zone. The Envirocheck vulnerability map indicates the soil to be of high leaching potential.

There are no surface or groundwater abstractions within 500m of the site.

The nearest surface watercourse is an unnamed stream, located approximately 405m to the northeast of the site at its closest point. The surface water is at approximately 15m below the level of the site. There is no available river quality classification data for the nearest watercourse

Therefore, any consequence of contamination to the water environment is considered to be minor, and therefore a very low risk level has been assigned.

6.6 Conceptual Site Model

6.6.1 The research has therefore identified the following pollutant linkages that require further consideration and have been used to formulate the Conceptual Site Model.

Potential Contamination Sources	Potential Contaminants of Concern	Potential Pathways	Receptor Group
Possible contamination associated with elevated heavy metals and residential garden use.	Inorganic Compounds •Metals Organic Compounds •PAH Others •pH •Organic Matter	<ul style="list-style-type: none"> • Soil ingestion • Dermal contact • Inhalation of contaminated dust 	Human Health <ul style="list-style-type: none"> • Site occupants • Site users • Construction workers • Maintenance workers • Neighbouring site users/general public
		<ul style="list-style-type: none"> • Plant uptake and accumulation of contaminants 	Ecology <ul style="list-style-type: none"> • Landscaped areas • Sensitive habitats
		<ul style="list-style-type: none"> • Infiltration 	Controlled Waters <ul style="list-style-type: none"> • Groundwater
		<ul style="list-style-type: none"> • Direct contact of contaminants with building materials 	Building Materials or Services <ul style="list-style-type: none"> • Concrete • Plastic pipes and services
Natural Geology	•Radon	<ul style="list-style-type: none"> • Inhalation 	<ul style="list-style-type: none"> • Human Health

6.7 Conclusions of Geoenvironmental Risk Assessment

6.7.1 The research has identified evidence of potential sources of contamination on or which may impact on the site, with plausible pathways to the likely receptors, and therefore potential pollutant linkages have been suggested.

6.7.2 It is recommended that further work be carried out to confirm the presence, nature or extent of any contamination which is anticipated to impact on the site.

6.8 Consultation

6.8.1 During development, consultation may be required for a number of reasons with a number of regulatory Authorities. The following provides an indication as to the most likely Authorities with which consultation may be required:

- **Local Authority.** There may be a planning condition regarding contamination and consultation will be required with a designated Contaminated Land Officer within the Environmental Health Department. The Local Authority is generally concerned with human health risks.

- **Environment Agency.** Where a site is within a groundwater protection zone or has been designated as a special site, the Environment Agency is likely to be involved to ensure that controlled waters are protected.
- **National House Building Council, NHBC.** Section 4.1 of the NHBC Standards, ref 8.11, requires land management to be addressed. For a new housing development to be approved by the NHBC, any contamination will require remediation accompanied by a validation report.

6.8.2 Based on the results of any consultation, there may be specific investigation and/or remediation requirements imposed by one or more of the Authorities.

7.0 RECOMMENDATIONS

7.1 Further Work

7.1.1 An intrusive investigation should be undertaken to address the issues raised in Chapter 4.0 and Chapter 6.0.

7.1.2 The following scope of works is suggested in order to collect the required data:

- The sinking of exploratory holes for the recovery of samples for geotechnical and chemical contamination analysis.
- The installation of basic radon protective measures will be required in the proposed development.

7.2 Other Considerations

7.2.1 There are several other areas of research which are beyond the scope of this report. All or none of the following may be applicable to the site, either on the outcome of consultation with a regulatory body or as a result of the research for this Preliminary Investigation. They include:

- **Archaeology.** Should the site be situated on or within an area of archaeological sensitivity, the advisor to the relevant local authority should be consulted. The requirement for an archaeological report may be identified within a planning condition, if appropriate, for the site.
- **Ecology.** There may be a requirement for a detailed ecological report, dependant on the type or size of the development, or due to evidence identified during the site reconnaissance or desk study. This requirement may be identified within a planning condition, or recommended within Section 7.0.
- **Unexploded Ordnance (UXO).** There may be a requirement for a UXO report, dependant on the site location, historical use and surrounding site history, as well as the type or size of the development. This requirement may be identified within a planning condition.

8.0 REFERENCES

- 8.1 CLR 3, '*Documentary research on industrial sites*', Report by RPS Consultants Ltd, DoE, 1994
- 8.2 CLR 11, '*Model Procedures for the Management of Land Contamination*' Report by Defra and the Environment Agency, 2004
- 8.3 BS 10175: 2011 '*Investigation of potentially contaminated sites. Code of practice*', British Standards Institute, 2011
- 8.4 GPLC1, '*Guiding principles for land contamination*', Environment Agency, 2010
- 8.5 CLR 2, '*Guidance on preliminary site inspection of contaminated land*', Report by Applied Environmental, DoE, 1994
- 8.6 British Geological Survey, Sheet No. 349, 'Ivybridge', solid and drift edition, 1:50000 scale, published 1974.
- 8.7 HPA-RPD-033, '*Indicative Atlas of Radon in England and Wales*', Health Protection Agency, 2007
- 8.8 BR211, '*Radon: Protective measures for new dwellings*'. BRE, 2007
- 8.9 Multi-Agency Geographic Information for the Countryside website, <http://www.magic.gov.uk>
- 8.10 C552, '*Contaminated Land Risk Assessment, A Guide to Good Practice*', CIRIA, 2001
- 8.11 Standards, '*Land Quality – Managing Ground Conditions*', Chapter 4, NHBC, 2010
- 8.12 The Environmental Protection Act, Part IIA, Section 78, 1990
- 8.13 Environment Act 1995, Section 57, DoE, 1995
- 8.14 Water Environment and Water Services (Scotland) Act, 2003
- 8.15 Planning Policy Statement 23: Planning and Pollution Control, ODPM, 2004
- 8.16 Science Report SC050021/SR2, '*Human health toxicological assessment of contaminants in soil*'. Environment Agency, 2009
- 8.17 Science Report SC050021/SR3, '*Updated technical background to the CLEA model*'. Environment Agency, 2009

For and on behalf of Ian Farmer Associates (1998) Limited

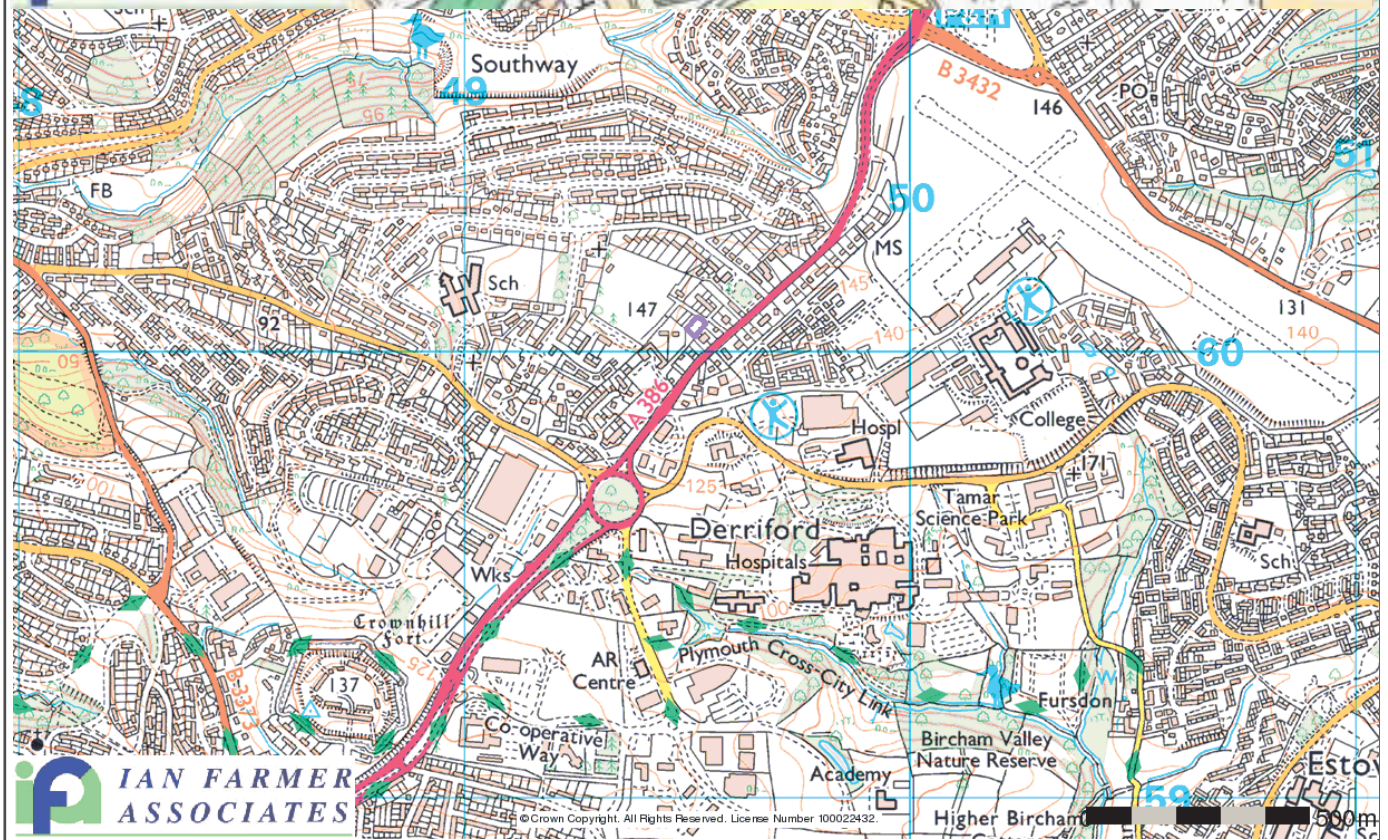



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APPENDIX 1
DRAWINGS




Date Drawn: 20-04-2017	Scale: NTS	Title: Site Location Plan	
		Site: Plot 1 Delgany Drive, Plymouth	
		Client: Mr & Mrs Johnson	Job No: C61106
		Figure Number: A1.1	



if IAN FARMER ASSOCIATES

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Date Drawn: 20-04-2017	Scale: NTS	Title: Aerial Photograph	
		Site: Plot 4 Delgany Drive, Plymouth	
		Client: Mr & Mrs Johnson	Job No: C61106
		Figure Number: A1.2	

APPENDIX 2
SITE WALKOVER PHOTOGRAPHS



Date Drawn:
20-04-2017

Scale: NTS

Title: Site Photographs

Site: Plot 4 Delgany Drive, Plymouth

Client: Mr & Mrs Johnson

Job No: C61107

Figure Number: A2.1-A2.2





Date Drawn:
20-04-2017

Scale: NTS

Title: Site Photographs

Site: Plot 4 Delgany Drive, Plymouth



Client: Mr & Mrs Johnson

Job No: C61107

Figure Number: A2.3-A2.4



Date Drawn:
20-04-2017

Scale: NTS

Title: Site Photographs

Site: Plot 4 Delgany Drive, Plymouth




Client: Mr & Mrs Johnson

Job No: C61107

Figure Number: A2.5-A2.6



Date Drawn: 20-04-2017	Scale: NTS	Title: Site Photographs	
		Site: Plot 4 Delgany Drive, Plymouth	
		Client: Mr & Mrs Johnson	Job No: C61107
		Figure Number: A2.7-A2.8	

APPENDIX 3
ENVIRONMENTAL RISK

APPENDIX 3

ENVIRONMENTAL RISK ASSESSMENT

A3.1 STATUTORY FRAMEWORK AND DEFINITIONS

A3.1.1 The statutory definition of 'contaminated land' is defined in Part IIA of the Environmental Protection Act 1990, ref 8.12, which was inserted by Section 57 of the Environment Act 1995, ref 8.13, and came into force in England in 2000, as;

'any land which appears to the local authority in whose area it is situated to be in such a condition, by reason of substances in, on or under the land, that:

(a) significant harm is being caused or there is a significant possibility of such harm being caused; or

(b) pollution of controlled waters is being, or is likely to be, caused'.

A3.1.2 In Scotland, this has been amended by the Water Environment and Water Services (Scotland) Act 2003, ref 8.14, to *'significant pollution of the water environment is being caused or there is a significant possibility of such pollution being caused'.*

A3.1.3 The purpose of Part IIA was to help address the problems caused by historical contamination, with the voluntary remediation of such land encouraged without the use of the Act. The planning regime assists in this, with Planning Policy Statement 23: Planning and Pollution Control (PPS23), ref 8.15, published in 2004, setting out the minimum requirements for the remediation of land affected by contamination as *'after carrying out the development and commencement of its use, the land should not be capable of being determined as contaminated land under Part IIA of the EPA 1990'.*

A3.1.4 The UK guidance on the assessment of contaminated has developed as a direct result of the introduction of these two Acts. The technical guidance supporting the legislation was originally summarised in a number of key documents collectively known as the Contaminated Land Reports (CLRs), a proposed series of twelve documents. Seven were originally published in March 1994, four more were published in April 2002, while the final guidance document, CLR 11 was published in 2004. CLR7 to 10 were withdrawn in 2008, with CLR 9 and 10 effectively replaced by the Environment Agency in the form of Science Reports SR2, ref 8.16 and SR3, ref 8.17.

A3.1.5 CLR11 remains valid and sets out the framework of the investigation process, with the overall approach one of risk management, with risk given the definition of *'a combination of the probability or frequency, of occurrence of a defined hazard and the magnitude of the consequences of the occurrence'.* In establishing whether a site fulfils the statutory definition of 'contaminated land' it is necessary to identify whether the three essential elements of risk exist. These are defined as:

- A contaminant - a substance which is in, on or under the land and has the potential to cause harm or to cause pollution of controlled waters;
- A receptor - something which could be adversely affected by a contaminant, such as people, an ecological system, property or a water body; and

- A pathway – a route or means by which a receptor can be exposed to, or affected by, a contaminant.
- A3.1.6 A *'pollutant linkage'* may be defined as the link between a contaminant *'source'* and a *'receptor'* by means of a *'pathway'*. There may be none, one or many pollutant linkages existing on a site, which may utilise the same or different sources, pathways and receptors, which may change over the passage of time.
- A3.1.7 Each pollutant linkage that exists in respect of the land in question must fulfil one or more of the following criteria:
- significant harm is being caused to the receptor in the pollutant linkage,
 - there is a significant possibility of significant harm being caused to that receptor,
 - there is (significant) pollution of controlled waters (the water environment) which constitute the receptor, or
 - pollution of controlled waters is likely to be caused
 - (there is a significant possibility of such pollution being caused).
- A3.1.8 A pollutant linkage indicates that all three elements have been identified. The site can only be defined as 'Contaminated Land' under Part IIA if a pollutant linkage exists and the criteria above are met.
- A3.1.9 The main potential receptors include:
- 1) Humans – current site occupants, construction workers, future site users and neighbouring site users.
 - 2) Controlled Waters – surface water and groundwater resources
 - 3) Property – including buildings, crops, livestock and pets
 - 4) Ecological systems – including current/future site and neighbouring vegetation
- A3.1.10 The main potential pathways to be considered include:
- a) Ingestion and/or inhalation.
 - b) Uptake of contaminants via cultivated vegetables.
 - c) Dermal contact
 - d) Migration through permeable strata
 - e) Drains or services
 - f) Direct contact with building materials and services
 - g) Fire and explosion

A3.2 ASSESSMENT METHODOLOGY

A3.2.1 The guidance proposes a four-stage assessment process for identifying potential pollutant linkages on a site. These stages are set out in the table below:

No.	Process	Description
1	Hazard Identification	Establishing contaminant sources, pathways and receptors (the conceptual model).
2	Hazard Assessment	Analysing the potential for unacceptable risks (what linkages may be present and what could be the effects?).
3	Risk Estimation	Trying to establish the magnitude and probability of the possible consequences (what degree of harm might result and to what receptors, and how likely is it).
4	Risk Evaluation	Deciding whether the risk is unacceptable.

A3.2.2 Stages 1 and 2 develop a '*conceptual model*' based upon information collated from desk based studies, and reconnaissance of the site (a walkover survey). The walkover survey should be conducted in general accordance with CLR 2. The formation of a conceptual model is an iterative process and as such, it should be updated and refined throughout each stage of the project to reflect any additional information obtained.

A3.2.3 The extent of the desk based research and enquiries to be conducted should be in general accordance with CLR 3. The information from these enquiries is presented in a preliminary investigation report with recommendations, if necessary, for further work based upon the conceptual model. In the absence of specific information on contamination anticipated to be encountered, specific DoE 'Industry Profiles' provide guidance on the nature of contaminants relating to a variety of industrial processes and should be used as the basis for determining which contaminants are more likely to be present on a site.

A3.2.4 If potential pollutant linkages are identified within the conceptual model, an intrusive ground investigation and report will be recommended. The investigation should be planned in general accordance with CLR 4, and BS10175. The number of exploratory holes and samples collected for analysis should be consistent with the size of the site and the level of risk envisaged. This will enable a generic quantitative risk assessment (GQRA) to be conducted, at which point the conceptual model can be updated and relevant pollutant linkages can be identified.

A3.2.5 A two-stage investigation may be more appropriate where time constraints are less of an issue. The first stage investigation may be conducted as an initial assessment for the presence of potential sources, with the second being more refined in order to delineate or further characterise any contamination or the physical properties of the site.

A3.3 RISK EVALUATION

A3.3.1 The risk evaluation is a qualitative method for interpreting the data from the hazard estimation stage. It involves the classification of the:

- magnitude of the potential ‘consequence’ (severity) of the risk occurring and:
- magnitude of the ‘probability’ (likelihood) of the risk occurring.

A3.3.2 These are defined in the following sections:

A3.4 CLASSIFICATION OF CONSEQUENCE

Classification	Definition	Examples
Severe	Short-term (acute) risk to human health likely to result in ‘significant harm’ as defined by the Environment Protection Act 1990, Part IIA. Short-term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource. Catastrophic damage to buildings property. A short-term risk to a particular ecosystem, or organism forming part of such ecosystem (note: the definitions of ecological systems within the Draft Circular on Contaminated Land, DETR, 2000).	High Concentrations of cyanide on the surface of an informal recreation area. Major spillage of contaminants from site into controlled water. Explosion, causing building collapse can also equate to a short-term human health risk if buildings are occupied.
Medium	Chronic damage to Human Health (‘significant harm’ as defined in DETR, 2000). Pollution of sensitive water resources (note: Water Resources Act contains no scope for considering significance of pollution). A significant change in a particular ecosystem, or organism forming part of such ecosystem, (note: the definitions of ecological systems within Draft Circular on Contaminated Land, DETR, 2000).	Concentrations of a contaminant from site exceed the generic, or site-specific assessment criteria. Leaching of contaminants from a site to a major or minor aquifer. Death of a species within a designated nature reserve.
Mild	Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services (‘significant harm’ as defined in the <i>Draft Circular on Contaminated Land</i> , DETR 2000). Damage to sensitive buildings/ structures/services or the environment.	Pollution of non-classified ground water. Damage to building rendering it unsafe to occupy (eg foundation damage resulting in instability).
Minor	Harm, although not necessarily significant harm, which may result in a financial loss, or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc). Easily repairable effects of damage to buildings, structures and services.	The presence of contaminants at such concentrations that protective equipment is required during site works. The loss of plants in landscaping scheme. Discoloration of concrete

A3.4.1 In theory, both severe and medium classification can result in death. The differential is that severe relates to short term risk while medium relates to long-term risk. Therefore, the classification of severe requires urgent action while medium may require urgent action but usually long term action would be sufficient.

A3.5 CLASSIFICATION OF PROBABILITY

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

A3.5.1 For the purposes of this preliminary investigation, any source of contamination that has been identified by professional judgement as potentially impacting on the site has been classified as being 'likely' to be present, unless proven otherwise by intrusive investigation.

A3.6 COMPARISON OF CONSEQUENCE AGAINST PROBABILITY

A3.6.1 These classifications are compared to indicate the risk presented by each pollutant linkage. Once the consequence and probability have been classified they can be used to produce a risk category as below:

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High likelihood	Very high risk	High risk	Moderate risk	Moderate/low risk
	Likely	High risk	Moderate risk	Moderate/low risk	Low risk
	Low likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
	Unlikely	Moderate/low risk	Low risk	Very low risk	Very low risk

A3.6.2 The action required for the classified risks are as follows:

<p>Very high risk</p>	<p>There is a high probability that severe harm could a risk to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening.</p> <p>This risk, if realised, is likely to result in a substantial liability.</p> <p>Urgent investigation (if not undertaken already) and remediation are likely to be required</p>
<p>High risk</p>	<p>Harm is likely to arise to a designated receptor from an identified hazard.</p> <p>Realisation of the risk is likely to present a substantial liability.</p> <p>Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the longer term</p>
<p>Moderate risk</p>	<p>It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild</p> <p>Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term</p>
<p>Low risk</p>	<p>It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.</p>
<p>Very low risk</p>	<p>There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.</p>

APPENDIX 4
ENVIROCHECK REPORT

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

122240661_1_1

Customer Reference:

C61107

National Grid Reference:

249520, 60060

Slice:

A

Site Area (Ha):

0.11

Search Buffer (m):

1000

Site Details:

Plot 2

Delgany Drive

Plymouth

Devon

PL6 8AH

Client Details:

Mr M Austin

Ian Farmer Associates

1 Riverside House

Heron Way

Newham

Truro

Cornwall

TR1 2XN

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	13
Hazardous Substances	-
Geological	17
Industrial Land Use	21
Sensitive Land Use	35
Data Currency	36
Data Suppliers	42
Useful Contacts	43

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 the attached 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 v50.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility					n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		2	1	4
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 2				4
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 3			1	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3			Yes	
Pollution Incidents to Controlled Waters	pg 3				8
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 5				26
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 9				3
Water Abstractions	pg 10				6 (*3)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 12	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				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

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 13				1
Historical Landfill Sites	pg 13				3
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 13				3
Local Authority Landfill Coverage	pg 14	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 14				3
Potentially Infilled Land (Non-Water)	pg 14				3
Potentially Infilled Land (Water)	pg 15		1	2	11
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 15				2
Registered Waste Treatment or Disposal Sites	pg 16				1
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 17	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 17	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 18		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			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 19	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 19	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 19	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards				n/a	n/a
Radon Potential - Radon Affected Areas	pg 20	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 20	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 21		1	11	49
Fuel Station Entries	pg 26				2
Points of Interest - Commercial Services	pg 26				9
Points of Interest - Education and Health	pg 27			5	13
Points of Interest - Manufacturing and Production	pg 28				63
Points of Interest - Public Infrastructure	pg 33				9
Points of Interest - Recreational and Environmental	pg 34				5
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	pg 35			1	
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 35			1	
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Mr M J Long Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Wardour House 295 Tavistock Road, Derriford, Plymouth, Devon, PL6 8aa Authority: Environment Agency, South West Region Catchment Area: Tidal Plym, Cornwall Reference: Nra-Sw-7132 Permit Version: 1 Effective Date: 7th December 1994 Issued Date: 7th December 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>	A13SE (SE)	27	3	249550 60030
2	<p>Discharge Consents</p> <p>Operator: Mr K Mortimer Property Type: Wooden Containers Location: 289 Tavistock Road, Derriford, PLYMOUTH, Devon Authority: Environment Agency, South West Region Catchment Area: Tidal Plym, Cornwall Reference: NRA-SW-2998/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 7th August 1991 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>	A13SW (S)	36	3	249501 60001
3	<p>Discharge Consents</p> <p>Operator: Mr E R & Mrs E Davari Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 137 Looseleigh Lane, Derriford, Plymouth, Devon Authority: Environment Agency, South West Region Catchment Area: Tidal Plym, Cornwall Reference: 300923 Permit Version: 1 Effective Date: 8th April 1999 Issued Date: 22nd April 1999 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>	A12SE (SW)	421	3	249140 59830
4	<p>Discharge Consents</p> <p>Operator: South West Water Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Crownhill Wtw, Plymouth, Devon Authority: Environment Agency, South West Region Catchment Area: Tidal Plym, Cornwall Reference: Nra-Sw-1721 Permit Version: 1 Effective Date: 12th September 1989 Issued Date: 12th September 1989 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: Tamerton Stream 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>	A7NE (SW)	602	3	249100 59600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p>Discharge Consents</p> <p>Operator: Andy Milton Property Type: WAREHOUSING + SUPPORT ACTIVITIES FOR TRANSPORTATION Location: Brest Road, Derriford, Plymouth, Devon Authority: Environment Agency, South West Region Catchment Area: Tidal Plym, Cornwall Reference: Nra-Sw-3035 Permit Version: 1 Effective Date: 16th August 1991 Issued Date: 16th August 1991 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib River Plym 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>	A8SE (S)	737	3	249600 59300
6	<p>Discharge Consents</p> <p>Operator: Plymouth Community Services Nhs Trust Property Type: DENTIST/HOSPITAL/NURSING HOME (MEDICAL)/HUMAN HEALTH Location: Derriford Acute Mental Illness Unit Brest Roadn, Derriford, Plymouth, Devon Authority: Environment Agency, South West Region Catchment Area: Tidal Plym, Cornwall Reference: Nra-Sw-2139 Permit Version: 1 Effective Date: 25th September 1990 Issued Date: 25th September 1990 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Tamar 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>	A8SE (S)	759	3	249780 59320
7	<p>Discharge Consents</p> <p>Operator: South West Water Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Crownhill Wtw, Plymouth, Devon Authority: Environment Agency, South West Region Catchment Area: Tidal Plym, Cornwall Reference: Nra-Sw-3461 Permit Version: 1 Effective Date: 1st April 1993 Issued Date: 15th January 1992 Revocation Date: 7th July 2000 Discharge Type: Miscellaneous Discharges - Mine / Groundwater As Raised Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Tamerton Stream 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>	A7NW (SW)	885	3	248830 59470
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Plymouth Hospitals Nhs Trust Location: Derriford Incinerator Epr/Gp3236ax/T001, Derriford Hospital, Derriford Road,, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: GP3236AX Original Permit Ref: Gp3236ax Effective Date: 30th July 2015 Status: Effective Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Automatically positioned to the address Activity Code: 5.1 A(1) (A) Activity Description: THE INCINERATION OF HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 10 TONNES PER DAY Primary Activity: Y</p>	A9NW (SE)	623	3	249930 59564

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Limited Location: Derriford Incinerator Epr/Vp3734sy, Derriford Hospital, Derriford Road,, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: AP3736KD Original Permit Ref: Vp3734sy Effective Date: 23rd April 2010 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 5.1 A(1) (A) Activity Description: Incineration Of Hazardous Waste Primary Activity: Y</p>	A9NW (SE)	623	3	249930 59564
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Limited Location: Derriford Incinerator Epr/Vp3734sy, Derriford Hospital, Derriford Road,, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: NP3738UQ Original Permit Ref: Vp3734sy Effective Date: 5th June 2007 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Manually positioned to the address or location Activity Code: 5.1 A(1) (A) Activity Description: Incineration Of Hazardous Waste Primary Activity: Y</p>	A9NW (SE)	623	3	249929 59564
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Viridor Waste Management Limited Location: Derriford Incinerator Epr/Vp3734sy, Derriford Hospital, Derriford Road,, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: Vp3734sy Original Permit Ref: Vp3734sy Effective Date: 12th December 2005 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.1 A(1) (A) Activity Description: Incineration Of Hazardous Waste Primary Activity: Y</p>	A9NW (SE)	623	3	249930 59564
9	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Viridor Location: Derriford Hospital, Derriford, PLYMOUTH, Devon, PL6 8DH Authority: Plymouth City Council, Environmental Health Department Permit Reference: EA/PPC/VP3734SY Dated: 30th June 1995 Process Type: Local Authority Pollution Prevention and Control Description: PG5/1Clinical waste incineration processes under 1 tonne an hour Status: Transferred to IPPC Positional Accuracy: Manually positioned to the address or location</p>	A8NE (S)	452	4	249650 59600
	Nearest Surface Water Feature	A13SE (S)	264	-	249582 59776
10	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial: Other Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Unknown Note: Not Supplied Incident Date: 1st June 1995 Incident Reference: 62009220 Catchment Area: Tidal Plym, 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>	A8NW (S)	532	3	249500 59500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Pollution Incidents to Controlled Waters Property Type: Other Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Other Note: Natural Causes Incident Date: 11th June 1992 Incident Reference: 62004589 Catchment Area: Tidal Tamar & Tavy, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Leachate Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	735	3	249000 60595
11	Pollution Incidents to Controlled Waters Property Type: Landfill/Waste Disposal Site Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Other Note: Natural Causes Incident Date: 1st February 1993 Incident Reference: 62005463 Catchment Area: Hayle, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Leachate Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	739	3	249000 60600
12	Pollution Incidents to Controlled Waters Property Type: Surface Water Sewers Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 3rd November 1993 Incident Reference: 62010670 Catchment Area: Plym, 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	A14SE (E)	760	3	250301 60001
13	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Water Treatment Works Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Rubble/Litter Or Solids Note: Poor Operational Practise Incident Date: 11th October 1991 Incident Reference: 62004152 Catchment Area: Tidal Plym, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	831	3	248800 59600
14	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewerage Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Crude Sewage Note: Poor Operational Practise Incident Date: 1st August 1991 Incident Reference: 62005014 Catchment Area: Tidal Plym, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	879	3	249800 59200
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Chemicals - Alum Note: Not Supplied Incident Date: 16th July 1993 Incident Reference: 62010122 Catchment Area: Tidal Tamar & Tavy, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Other Incident/Unknown Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	917	3	248700 59600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial: Other Location: Location Description Not Available Authority: Environment Agency, South West Region Pollutant: Other Chemicals Note: Poor Management Control Incident Date: 7th March 1995 Incident Reference: 62009209 Catchment Area: Tidal Plym, Cornwall Receiving Water: Freshwater Stream/River Cause of Incident: Deliberate Action Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A14SE (E)	970	3	250500 59900
17	<p>Registered Radioactive Substances</p> <p>Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: AN3630 Dated: 29th October 1991 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation dated pre April 1991 Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Unknown</p>	A9NW (SE)	620	3	249925 59564
17	<p>Registered Radioactive Substances</p> <p>Name: Viridor Waste Management Ltd Location: Derriford Hospital, Derriford Road,, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: CD5440 Dated: 9th July 2009 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Application has been authorised and any conditions apply to the operatorAuthorised Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	3	249930 59564
17	<p>Registered Radioactive Substances</p> <p>Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, Plymouth, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: CB8901 Dated: 2nd May 2008 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Application has been authorised and any conditions apply to the operatorAuthorised Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	3	249930 59564
17	<p>Registered Radioactive Substances</p> <p>Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: Bx8696 Dated: 2nd July 2004 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	3	249930 59564
17	<p>Registered Radioactive Substances</p> <p>Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: Bx8700 Dated: 1st July 2004 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Application has been authorised and any conditions apply to the operatorAuthorised Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	3	249930 59564

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p>Registered Radioactive Substances</p> <p>Name: Viridor Waste Management Ltd Location: Derriford Hospital, Derriford Road, Plymouth, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: Bw6299 Dated: 1st December 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	3	249930 59564
17	<p>Registered Radioactive Substances</p> <p>Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: Bw6329 Dated: 1st December 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	3	249930 59564
17	<p>Registered Radioactive Substances</p> <p>Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: B16365 Dated: 3rd August 2001 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)</p> <p>Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	3	249930 59564
17	<p>Registered Radioactive Substances</p> <p>Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, Plymouth, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: B15163 Dated: 24th November 2000 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	3	249930 59564
17	<p>Registered Radioactive Substances</p> <p>Name: Viridor Waste Management Ltd Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: B12931 Dated: 2nd May 2000 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Discretionary authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	3	249930 59564
17	<p>Registered Radioactive Substances</p> <p>Name: Viridor Waste Management Ltd Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: AZ8757 Dated: 19th December 1997 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Minor variation to authorisation under RSA Status: Authorisation either revoked or cancelledCancelled</p> <p>Positional Accuracy: Unknown</p>	A9NW (SE)	623	3	249929 59564

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p>Registered Radioactive Substances</p> <p>Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: AU4584 Dated: 8th July 1996 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	3	249935 59569
17	<p>Registered Radioactive Substances</p> <p>Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: AB7426 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	3	249930 59564
17	<p>Registered Radioactive Substances</p> <p>Name: Viridor Waste Management Ltd Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: AP7695 Dated: 3rd April 1995 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Unknown</p>	A9NW (SE)	624	3	249925 59559
17	<p>Registered Radioactive Substances</p> <p>Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: AT5143 Dated: 14th November 1995 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	626	3	249935 59564
17	<p>Registered Radioactive Substances</p> <p>Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: AM2603 Dated: 27th May 1994 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	627	3	249930 59559
17	<p>Registered Radioactive Substances</p> <p>Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: AR3364 Dated: 28th June 1995 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	630	3	249935 59559

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p>Registered Radioactive Substances</p> <p>Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: BA0382 Dated: 6th January 1998 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	633	3	249940 59559
17	<p>Registered Radioactive Substances</p> <p>Name: Viridor Waste Management Ltd Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8DH Authority: Environment Agency, South West Region Permit Reference: AY7151 Dated: 17th July 1997 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Unknown</p>	A9NW (SE)	634	3	249935 59554
18	<p>Registered Radioactive Substances</p> <p>Name: University Of Plymouth Location: Peninsula Medical School, Research Way, Derriford, Plymouth, PL6 8bu Authority: Environment Agency, South West Region Permit Reference: By2359 Dated: 25th September 2004 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)</p> <p>Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Application has been authorised and any conditions apply to the operatorAuthorised</p> <p>Positional Accuracy: Manually positioned to the road within the address or location</p>	A9NE (SE)	804	3	250214 59621
18	<p>Registered Radioactive Substances</p> <p>Name: University Of Plymouth Location: Peninsula Medical School, Research Way, Derriford, Plymouth, PL6 8bu Authority: Environment Agency, South West Region Permit Reference: By2332 Dated: 23rd September 2004 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Manually positioned to the road within the address or location</p>	A9NE (SE)	815	3	250222 59613
19	<p>Registered Radioactive Substances</p> <p>Name: University Of Plymouth Location: Peninsula Medical School, Tamar Science Park, Research Way, Derriford, Plymouth, Devon, PL6 8BU Authority: Environment Agency, South West Region Permit Reference: Bs8800 Dated: 28th November 2002 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	816	3	250195 59573
19	<p>Registered Radioactive Substances</p> <p>Name: University Of Plymouth Location: Peninsula Medical School, Tamar Science Park, Research Way, Derriford, Plymouth, Devon, PL6 8BU Authority: Environment Agency, South West Region Permit Reference: Bs7161 Dated: 27th November 2002 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)</p> <p>Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	816	3	250195 59573

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<p>Registered Radioactive Substances</p> <p>Name: University Of Plymouth Location: Peninsula Medical School, Research Way, Derriford, Plymouth, PL6 8bu Authority: Environment Agency, South West Region Permit Reference: BE9357 Dated: 20th April 1999 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Manually positioned to the address or location</p>	A9NW (SE)	816	3	250194 59572
19	<p>Registered Radioactive Substances</p> <p>Name: University Of Plymouth Location: Peninsula Medical School, Research Way, Derriford, Plymouth, PL6 8bu Authority: Environment Agency, South West Region Permit Reference: BF4326 Dated: 30th March 1999 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)</p> <p>Description: Registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Manually positioned to the address or location</p>	A9NE (SE)	835	3	250204 59555
20	<p>Registered Radioactive Substances</p> <p>Name: University Of Plymouth Location: Molecular Medicine, Peninsula Medical School, Research Way, Derriford, PLYMOUTH, PL6 8BU Authority: Environment Agency, South West Region Permit Reference: CD1533 Dated: 19th February 2009 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)</p> <p>Description: Initial variation to an authorisation under RSA Status: Application has been authorised and any conditions apply to the operatorAuthorised</p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	876	3	250177 59455
21	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - South West Region, Devon and Cornwall Area Incident Date: 12th October 2011 Incident Reference: 931611 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Organic Chemicals : Paints / Varnishes</p>	A8NW (S)	556	3	249380 59494
21	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - South West Region, Devon and Cornwall Area Incident Date: 11th October 2011 Incident Reference: 931140 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Organic Chemicals : Paints / Varnishes</p>	A8NW (S)	556	3	249383 59493
22	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - South West Region, Devon and Cornwall Area Incident Date: 5th May 2010 Incident Reference: 777192 Water Impact: Category 2 - Significant Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Oils And Fuel: Gas And Fuel Oils</p>	A8SE (S)	735	3	249806 59356

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	<p>Water Abstractions</p> <p>Operator: Plymouth Hospitals Nhs Trust Licence Number: 15/47/002/G/051/R01 Permit Version: 1 Location: Borehole At Derriford Hospital Authority: Environment Agency, South West Region Abstraction: Hospitals: 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: Derriford Hospital, Plymouth Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A8SE (SE)	758	3	249850 59350
23	<p>Water Abstractions</p> <p>Operator: Plymouth Hospitals Nhs Trust Licence Number: 15/47/002/G/051 Permit Version: 101 Location: Borehole At Derriford Hospital Authority: Environment Agency, South West Region Abstraction: Hospitals: 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: Derriford Hospital, Plymouth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A8SE (SE)	758	3	249850 59350
23	<p>Water Abstractions</p> <p>Operator: PLYMOUTH HOSPITALS NHS TRUST, ; PLYMOUTH HOSPITALS NHS TRUST Licence Number: 1547002G045 Permit Version: Not Supplied Location: Derriford Hospital, PLYMOUTH Authority: Environment Agency, South West Region Abstraction: Private Water Supply (Schools/Charities/Sports Etc) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 414.00 Yearly Rate (m3): 151110.00 Details: Borehole Depth: 145 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>	A8SE (SE)	758	3	249850 59350
23	<p>Water Abstractions</p> <p>Operator: PLYMOUTH HOSPITALS NHS TRUST, ; PLYMOUTH HOSPITALS NHS TRUST Licence Number: 1547002G045 Permit Version: Not Supplied Location: Derriford Hospital, PLYMOUTH Authority: Environment Agency, South West Region Abstraction: Private Water Supply (Schools/Charities/Sports Etc) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 192.00 Yearly Rate (m3): 70080.00 Details: Borehole Depth: 145 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>	A8SE (SE)	763	3	249850 59345

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	<p>Water Abstractions</p> <p>Operator: PLYMOUTH HOSPITALS NHS TRUST, ; PLYMOUTH HOSPITALS NHS TRUST Licence Number: 1547002G045 Permit Version: Not Supplied Location: Derriford Hospital, PLYMOUTH Authority: Environment Agency, South West Region Abstraction: Private Water Supply (Schools/Charities/Sports Etc) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 222.00 Yearly Rate (m3): 81030.00 Details: Borehole Depth: 145; Expires 06.06.2003 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>	A8SE (SE)	765	3	249855 59345
24	<p>Water Abstractions</p> <p>Operator: MRS C E SMITH Licence Number: 1547015G075 Permit Version: Not Supplied Location: Looseleigh Nursery, Crownhill, PLYMOUTH Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well Daily Rate (m3): 45.50 Yearly Rate (m3): 4545.00 Details: Depth 10M 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>	A12NW (W)	910	3	248600 60200
	<p>Water Abstractions</p> <p>Operator: HAS BEEN ALLOCATED FOR Licence Number: 1547003G009 Permit Version: Not Supplied Location: Clittaford Farm , TAMERTON FOLIOT Authority: Environment Agency, South West Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Spring Daily Rate (m3): 4.50 Yearly Rate (m3): 1659.00 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>	A16NE (NW)	1528	3	248300 61000
	<p>Water Abstractions</p> <p>Operator: Plymouth Garden Centre Ltd Licence Number: 15/47/002/G/037 Permit Version: 100 Location: Two Boreholes At Plymouth Garden Centre Authority: Environment Agency, South West Region Abstraction: Horticulture And Nurseries: 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: Plymouth Garden Centre, Plymouth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th June 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(S)	1734	3	249600 58300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Plymouth Garden Centre Licence Number: 15/47/002/G/037 Permit Version: 100 Location: Two Boreholes At Plymouth Garden Centre Authority: Environment Agency, South West Region Abstraction: Horticulture And Nurseries: 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: Plymouth Garden Centre, Plymouth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th June 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1734	3	249600 58300
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 49 South Devon Scale: 1:100,000	A13NE (W)	0	3	249521 60056
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (W)	0	2	249521 60056
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	BGS Recorded Landfill Sites Site Name: Crowhill Treatment Works Location: Crownhill, PLYMOUTH, Devon Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Unknown Boundary Accuracy: Not Applicable	A7NW (SW)	917	-	248700 59600
26	Historical Landfill Sites Licence Holder: Not Supplied Location: Off Pendeen Crescent Southway Name: Off Pendeen Crescent Southway Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD09937 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Unknown Material EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 7/43	A18SW (NW)	571	3	249249 60580
27	Historical Landfill Sites Licence Holder: Not Supplied Location: Derriford, Plymouth Name: Derriford Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD09956 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Unknown Material EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 7/19	A14NE (E)	753	3	250297 60070
28	Historical Landfill Sites Licence Holder: Not Supplied Location: Crownhill Sewage Works, Plymouth Name: Crownhill Sewage Works Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD09951 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 7/25	A7NW (SW)	895	3	248792 59501
29	Licensed Waste Management Facilities (Locations) Licence Number: 20951 Location: Plymouth Business Park, Tavistock Road, Plymouth, Devon, PL6 5DA Operator Name: South West Water Ltd Operator Location: Not Supplied Authority: Environment Agency - South West Region, Devon and Cornwall Area Site Category: Physical Treatment Facilities Licence Status: Modified Issued: 31st July 1995 Last Modified: 7th July 2010 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	531	3	249100 59700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 101301 Location: Derriford Hospital, Plymouth, Devon, PL6 8DH Operator Name: Plymouth Hospitals N H S Trust Operator Location: Not Supplied Authority: Environment Agency - South West Region, Devon and Cornwall Area Site Category: Clinical Waste Transfer Station Licence Status: Transferred Issued: 24th April 2010 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	577	3	249900 59600
31	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 20807 Location: Derriford Hospital, Plymouth, Devon, PL6 8DH Operator Name: Viridor Waste Management Ltd Operator Location: Not Supplied Authority: Environment Agency - South West Region, Devon and Cornwall Area Site Category: Clinical Waste Transfer Stations Licence Status: Issued Issued: 21st June 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	655	3	249900 59500
	<p>Local Authority Landfill Coverage</p> <p>Name: Plymouth City Unitary Council - Has supplied landfill data</p>		0	4	249521 60056
32	<p>Local Authority Recorded Landfill Sites</p> <p>Location: Off Pendeen Crescent, Southway, Plymouth Reference: 7/43 Authority: Plymouth City Council, Environmental Health Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate</p>	A18SW (NW)	576	4	249252 60587
33	<p>Local Authority Recorded Landfill Sites</p> <p>Location: Derriford, Plymouth Reference: 7/19 Authority: Plymouth City Council, Environmental Health Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate</p>	A14NE (E)	716	4	250259 60065
34	<p>Local Authority Recorded Landfill Sites</p> <p>Location: Crown Hill Sewage Works, Plymouth Reference: 7/25 Authority: Plymouth City Council, Environmental Health Department Last Reported Status: Unknown Types of Waste: Industrial, Road Fill (75%), Water Treatment Sludge Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate</p>	A7NE (SW)	729	4	248858 59702
35	<p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989</p>	A18SW (N)	616	-	249332 60665
36	<p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989</p>	A17SE (NW)	774	-	248880 60517

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A8SE (S)	793	-	249725 59266
38	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13NE (NE)	244	-	249635 60297
39	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18SE (N)	332	-	249540 60411
40	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13NE (NE)	358	-	249830 60279
41	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A8NE (SE)	558	-	249805 59554
42	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A9NW (SE)	628	-	249866 59510
43	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1907	A8NE (S)	648	-	249554 59386
44	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18SW (NW)	652	-	249201 60647
45	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A7NE (SW)	723	-	249038 59491
46	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A19SW (NE)	742	-	249942 60693
47	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18NE (N)	758	-	249555 60837
48	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A9SW (SE)	794	-	249968 59377
49	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1896	A7NW (SW)	914	-	248760 59512
50	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18NE (N)	928	-	249679 60994
51	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A19NW (NE)	944	-	249951 60921
52	Registered Waste Transfer Sites Licence Holder: Plymouth Hospitals Nhs Trust Licence Reference: WR/L/TC/W(76) 06.93 Site Location: Derriford Hospital, Derriford Road, PLYMOUTH, Devon, PL6 8BH Operator Location: Morlaix Drive, Derriford, PLYMOUTH, Devon, PL6 5DD Authority: Environment Agency - South West Region, Devon Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 18th June 1993 Preceded By: Not Given Licence: Superseded By: L/Ts/W(100) 06.96 Licence: Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Clin.Waste Hsc'92 Grps Aa,B,C,B,C,D,E Confidential Paper Ex Med.Estabs Max.Throughput In Licence Prohibited Waste: Waste N.O.S.	A9NW (SE)	731	3	250049 59529

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Viridor Waste Disposal Ltd Licence Reference: L/Ts/W(100) 06.96 Site Location: Derriford Hospital Incinerator, Derriford Road, PLYMOUTH, Devon, PL6 5DD Operator Location: Great Western House, Station Approach, TAUNTON, Somerset, TA1 1QW Authority: Environment Agency - South West Region, Cornwall Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 21st June 1996 Preceded By: WR/L/TC/W(76) 06.93 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Clinical Grps A,B,C,D,E In Hsc '92 Confidential Papers Controlled Drugs Manuf.Waste Assoc.With Above Wastes Max.Waste Permitted By Licence Paper/Cardboard Assoc.With Above Waste Pharmaceutical Wastes Pornographic Material Environment Agency Spec.Waste (Epa'90:S62/1996 Regs) must give specific authorisation for this waste to be acceptedWaste requires prior approval</p>	A9NW (SE)	753	3	250070 59520
54	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: South West Water Services Ltd Licence Reference: WR/L/ET/W(104) 01.96 Site Location: Crownhill W.T.Works, Tavistock Road, Plymouth, Devon Operator Location: Peninsula House, Rydon Lane, EXETER, Devon, EX2 7HR Authority: Environment Agency - South West Region, Cornwall Area Site Category: Treatment Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 5th January 1996 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Water Tr'T Sludge - Aluminium Cpds Prohibited Waste: Waste N.O.S.</p>	A9NW (SE)	570	3	249890 59600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Upper Devonian Rocks (Undifferentiated)	A13NE (W)	0	2	249521 60056
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 45 - 60 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NE (W)	0	2	249521 60056
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SE (S)	32	2	249521 60000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A14NW (E)	456	2	250000 60056
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A9SW (SE)	835	2	249871 59275
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A14SE (E)	839	2	250380 60003
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 60 - 120 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A14SE (E)	840	2	250381 60000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A9SW (SE)	856	2	250000 59324
55	BGS Recorded Mineral Sites Site Name: Delgany House Location: , Plymouth, Devon Source: British Geological Survey, National Geoscience Information Service Reference: 69083 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Devonian Geology: Upper Devonian Slates Commodity: Slate Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	209	2	249313 60147
56	BGS Recorded Mineral Sites Site Name: Heathfield Location: , Plymouth, Devon Source: British Geological Survey, National Geoscience Information Service Reference: 69084 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Devonian Geology: Upper Devonian Slates Commodity: Slate Positional Accuracy: Located by supplier to within 10m	A12NE (W)	397	2	249105 60105
57	BGS Recorded Mineral Sites Site Name: Southway Farm Location: , Plymouth, Devon Source: British Geological Survey, National Geoscience Information Service Reference: 69082 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Devonian Geology: Upper Devonian Slates Commodity: Slate Positional Accuracy: Located by supplier to within 10m	A18SW (N)	611	2	249336 60661
58	BGS Recorded Mineral Sites Site Name: Southway Farm Location: , Plymouth, Devon Source: British Geological Survey, National Geoscience Information Service Reference: 69080 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Devonian Geology: Tavy Formation Commodity: Slate Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	775	2	248877 60515
59	BGS Recorded Mineral Sites Site Name: Derriford Location: , Plymouth, Devon Source: British Geological Survey, National Geoscience Information Service Reference: 69066 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Devonian Geology: Upper Devonian Slates Commodity: Slate Positional Accuracy: Located by supplier to within 10m	A8SE (S)	816	2	249750 59250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	BGS Recorded Mineral Sites Site Name: Derriford Location: , Plymouth, Devon Source: British Geological Survey, National Geoscience Information Service Reference: 69067 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Permian Geology: Unnamed Dyke, Permian Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	838	2	249911 59292
61	BGS Recorded Mineral Sites Site Name: Looseleigh Farm Location: , Plymouth, Devon Source: British Geological Survey, National Geoscience Information Service Reference: 69085 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Devonian Geology: Tavy Formation Commodity: Slate Positional Accuracy: Located by supplier to within 10m	A12SW (W)	930	2	248577 59926
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	2	249521 60056
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	32	2	249521 60000
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	106	2	249586 60166
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	2	249521 60056
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	32	2	249521 60000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	2	249521 60056
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	32	2	249521 60000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	2	249521 60056
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	32	2	249521 60000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	2	249521 60056
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	32	2	249521 60000

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	A13NE (W)	0	2	249521 60056
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	32	2	249521 60000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	2	249521 60056
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	32	2	249521 60000
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	2	249521 60056
	Radon Potential - Radon Affected Areas Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	2	249521 60071
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	2	249521 60056
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	2	249521 60071

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	Contemporary Trade Directory Entries Name: Mercedes Benz Plymouth Location: 4, Howeson Lane, Derriford, Plymouth, PL6 8BB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (S)	228	-	249442 59817
63	Contemporary Trade Directory Entries Name: Scratchperfect Ltd Location: 10, Dunraven Drive, Derriford, Plymouth, PL6 6AR Classification: Bath Resurfacing Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	393	-	249661 60448
64	Contemporary Trade Directory Entries Name: Peninsula Plastic Surgery Ltd Location: Derriford Rd, Plymouth, Devon, PL6 8BG Classification: Hospitals Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SW (SE)	439	-	249880 59782
64	Contemporary Trade Directory Entries Name: Mr R M Watkins Nuffield Hospital Location: Derriford Road, Derriford, Plymouth, PL6 8BG Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	440	-	249881 59782
64	Contemporary Trade Directory Entries Name: Nuffield Health Plymouth Hospital Location: Derriford Road, Derriford, Plymouth, PL6 8BG Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	440	-	249881 59782
64	Contemporary Trade Directory Entries Name: The Nuffield Hospital Location: Derriford Road, Plymouth, PL6 8BG Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	440	-	249881 59782
64	Contemporary Trade Directory Entries Name: Plymouth Nuffield Hospital Location: Derriford Road, Plymouth, Devon, PL6 8BG Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	440	-	249881 59782
64	Contemporary Trade Directory Entries Name: The Plymouth Nuffield Hospital Location: Derriford Road, Plymouth, Devon, PL6 8BG Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	440	-	249881 59782
64	Contemporary Trade Directory Entries Name: The Plymouth Nuffield Hospital Location: Derriford Road, Plymouth, Devon, PL6 8BG Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	440	-	249881 59782
65	Contemporary Trade Directory Entries Name: Veeda Location: 119, Looseleigh Lane, Plymouth, PL6 5HH Classification: Laboratories Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	462	-	249041 59982
66	Contemporary Trade Directory Entries Name: Gem Writing Location: 11, Hazel Close, PLYMOUTH, PL6 6HL Classification: Copying & Duplicating Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	483	-	249638 60549
67	Contemporary Trade Directory Entries Name: Derriford Training College Location: Morlaix Drive, Derriford, Plymouth, Devon, PL6 5AB Classification: Hospitals Status: Active Positional Accuracy: Manually positioned within the geographical locality	A8NW (S)	484	-	249492 59549

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	<p>Contemporary Trade Directory Entries</p> <p>Name: Des Palmer Location: 74, Dunraven Drive, Plymouth, PL6 6AT Classification: Fasteners & Fixing Devices Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SW (N)	502	-	249410 60568
69	<p>Contemporary Trade Directory Entries</p> <p>Name: Derriford Waste Management Services Location: Derriford Road, Plymouth, Devon, PL6 8DH Classification: Waste Disposal Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location</p>	A8NE (SE)	542	-	249848 59602
70	<p>Contemporary Trade Directory Entries</p> <p>Name: Autofast Recoveries Location: 17, Abney Crescent, Plymouth, PL6 6LH Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SE (NE)	546	-	249788 60558
71	<p>Contemporary Trade Directory Entries</p> <p>Name: Plymouth Primary Care Trust Location: 1, Derriford Park, Plymouth, Devon, PL6 5QZ Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	570	-	249336 59492
72	<p>Contemporary Trade Directory Entries</p> <p>Name: Plymouth Community Healthcare Location: Glenbourne Unit, Morlaix Road, Derriford, Plymouth, PL6 5AF Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	588	-	249622 59454
73	<p>Contemporary Trade Directory Entries</p> <p>Name: Gleason Sales Uk Location: 6b Derriford Park, Plymouth, Devon, PL6 5QZ Classification: Gear Cutters Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A8NW (SW)	599	-	249264 59490
74	<p>Contemporary Trade Directory Entries</p> <p>Name: Royal Eye Infirmary Location: Derriford Hospital, Derriford Road, Derriford, Plymouth, PL6 8DH Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	-	249930 59564
74	<p>Contemporary Trade Directory Entries</p> <p>Name: Plymouth Hospitals N H S Trust Royal Eye Infirmary Location: Derriford Hospital, Derriford Road, Derriford, Plymouth, PL6 8DH Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	-	249930 59564
74	<p>Contemporary Trade Directory Entries</p> <p>Name: Plymouth Oncology Centre Location: Derriford Hospital, Derriford Road, Plymouth, PL6 8DH Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	-	249930 59564
74	<p>Contemporary Trade Directory Entries</p> <p>Name: Viridor Waste Management Location: Derriford Hospital, Derriford Road, Plymouth, PL6 8DH Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	-	249930 59564
74	<p>Contemporary Trade Directory Entries</p> <p>Name: Derriford Hospital Location: Derriford Hospital, Derriford Road, Plymouth, PL6 8DH Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	-	249930 59564
74	<p>Contemporary Trade Directory Entries</p> <p>Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, Plymouth, PL6 8DH Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	623	-	249930 59564

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	Contemporary Trade Directory Entries Name: Plymouth Primary Care Trust Location: Derriford Hospital, Derriford Road, Plymouth, PL6 8DH Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	623	-	249930 59564
74	Contemporary Trade Directory Entries Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, PLYMOUTH, PL6 8DH Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	623	-	249930 59564
74	Contemporary Trade Directory Entries Name: Derriford Hospital Location: Derriford Hospital, Derriford Road, Plymouth, PL6 8DH Classification: Hospitals Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	623	-	249929 59564
74	Contemporary Trade Directory Entries Name: Plymouth Hospitals N.H.S. Trust Location: Derriford Hospital, Derriford Road, Plymouth, PL6 8DH Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	623	-	249930 59564
74	Contemporary Trade Directory Entries Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, Plymouth, PL6 8DH Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	623	-	249930 59564
74	Contemporary Trade Directory Entries Name: Plymouth Hospitals Nhs Trust Location: Derriford Hospital, Derriford Road, Plymouth, PL6 8DH Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	623	-	249930 59564
74	Contemporary Trade Directory Entries Name: Plymouth Hospitals N.H.S. Trust Location: Derriford Hospital, Derriford Road, Plymouth, PL6 8DH Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	623	-	249930 59564
75	Contemporary Trade Directory Entries Name: Royal Eye Infirmary Location: Derriford Road, Plymouth, Devon, PL6 8DH Classification: Hospitals Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	643	-	249875 59497
76	Contemporary Trade Directory Entries Name: Peters & May Ltd Location: Plymbridge Lane, Crownhill, Plymouth, Devon, PL6 8BW Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	657	-	250190 60186
77	Contemporary Trade Directory Entries Name: Ace Domestic Location: 28, Leatfield Drive, Plymouth, PL6 5HR Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	664	-	248847 59923
77	Contemporary Trade Directory Entries Name: Ace Location: 28, Leatfield Drive, Plymouth, PL6 5HR Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	664	-	248847 59923
78	Contemporary Trade Directory Entries Name: West Country Direct Marketing Location: 17, Brest Road, Derriford, Plymouth, Devon, PL6 5AA Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	770	-	249555 59263

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	Contemporary Trade Directory Entries Name: South West Media Group Location: 17, Brest Road, Derriford, Plymouth, PL6 5AA Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	770	-	249555 59263
79	Contemporary Trade Directory Entries Name: Marjons Bookshop Location: Derriford Rd, Plymouth, Devon, PL6 8BH Classification: Bookbinding & Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NE (SE)	782	-	250244 59718
80	Contemporary Trade Directory Entries Name: Crown Hill Location: 201, Tavistock Road, Plymouth, PL6 5DA Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	807	-	249011 59406
81	Contemporary Trade Directory Entries Name: Exel Location: The Plymouth Business Park, Tavistock Road, Plymouth, PL6 5UF Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	807	-	248788 59669
82	Contemporary Trade Directory Entries Name: Itim Ltd Location: I T T C Building, 2, Tamar Science Park, Davy Road, Plymouth, PL6 8BX Classification: Electronic Component Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	840	-	250276 59654
82	Contemporary Trade Directory Entries Name: Squirrel Medical Location: I T T C Building, 1, Tamar Science Park, Davy Road, Plymouth, PL6 8BX Classification: Medical Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	840	-	250276 59654
82	Contemporary Trade Directory Entries Name: Wolf Minerals Uk Ltd Location: Tamer Science Park, 1 Davy Road, Plymouth, Devon, PL6 8BY Classification: Metals - Mining Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	847	-	250285 59656
82	Contemporary Trade Directory Entries Name: The Tamar Surgery Healthport Location: Research Way, Derriford, Plymouth, Devon, PL6 8BU Classification: Hospitals Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	866	-	250285 59618
83	Contemporary Trade Directory Entries Name: Kwik Fit Location: Tavistock Road, Plymouth, PL6 5DA Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	861	-	248984 59357
83	Contemporary Trade Directory Entries Name: Kwik Fit Location: Tavistock Road, Plymouth, PL6 5DA Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	861	-	248984 59358
84	Contemporary Trade Directory Entries Name: Lift It Ltd Location: 10, Sendalls Way, Plymouth, PL6 5JT Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	861	-	248811 59532
85	Contemporary Trade Directory Entries Name: Ideal Housekeeping Property Management Location: 174, Dunraven Drive, Derriford, Plymouth, PL6 6AZ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	866	-	248744 60477

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	Contemporary Trade Directory Entries Name: Housekeeping4busypeople Location: 174, Dunraven Drive, Plymouth, PL6 6AZ Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	866	-	248744 60477
86	Contemporary Trade Directory Entries Name: Jcw Service Location: Tavistock Rd, Plymouth, Devon, PL6 5DA Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A7SE (SW)	914	-	248959 59310
87	Contemporary Trade Directory Entries Name: Cactus Navigation & Communication Location: 22, Brest Road, Derriford, Plymouth, PL6 5XP Classification: Marine Electrical Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	915	-	249632 59124
87	Contemporary Trade Directory Entries Name: S M Group Europe Ltd Location: 22, Brest Road, Derriford, Plymouth, PL6 5XP Classification: Marine Equipment & Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	915	-	249632 59124
87	Contemporary Trade Directory Entries Name: Sm Group (Europe) Ltd Location: 22, Brest Road, PLYMOUTH, PL6 5XP Classification: Marine Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	915	-	249635 59125
87	Contemporary Trade Directory Entries Name: Biovault Family Location: 24, Brest Road, Derriford, PLYMOUTH, PL6 5XP Classification: Medical & Dental Laboratories Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	949	-	249633 59090
87	Contemporary Trade Directory Entries Name: Cactus Navigation & Communication Location: 22a Brest Road, Plymouth, Devon, PL6 5XP Classification: Marine Electrical Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	949	-	249633 59090
87	Contemporary Trade Directory Entries Name: Keith Preston Joinery Co Ltd Location: 26, Brest Road, Plymouth, PL6 5XP Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	949	-	249633 59090
87	Contemporary Trade Directory Entries Name: P H G Location: 20 Brest Road, Plymouth, Devon, PL6 5XP Classification: Hospitals Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SE (S)	949	-	249632 59090
87	Contemporary Trade Directory Entries Name: Navigate Marine Distribution Location: Brest Road, Plymouth, Devon, PL6 5XP Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	949	-	249633 59090
88	Contemporary Trade Directory Entries Name: Kartaway Location: 70, Looseleigh Lane, Plymouth, PL6 5HH Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	926	-	248572 60090
89	Contemporary Trade Directory Entries Name: Health Education England Location: Plymouth Science Park 22a, Davy Road, Derriford, Plymouth, PL6 8BY Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	949	-	250430 59728

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	Contemporary Trade Directory Entries Name: Merlin Systems Corporation Ltd Location: 12, William Prance Road, Plymouth, Devon, PL6 5WR Classification: Automation Systems & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	961	-	249436 59074
91	Fuel Station Entries Name: Star Crownhill Location: 201 Tavistock Road, Crownhill, PLYMOUTH, Devon, PL6 5DA Brand: Texaco Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A7NE (SW)	807	-	249011 59406
92	Fuel Station Entries Name: Southway Service Station Location: Southway Drive, Southway, PLYMOUTH, Devon, PL6 6QW Brand: Bp Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A18NW (N)	974	-	249290 61025
93	Points of Interest - Commercial Services Name: South West Media Group Location: 17 Brest Road, Derriford, Plymouth, PL6 5AA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8SE (S)	770	5	249555 59263
94	Points of Interest - Commercial Services Name: Exel Location: The Plymouth Business Park, Tavistock Road, Plymouth, PL6 5UF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	807	5	248788 59669
94	Points of Interest - Commercial Services Name: Exel Location: The Plymouth Business Park, Tavistock Road, Plymouth, PL6 5UF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	807	5	248813 59624
95	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: Tavistock Road, Plymouth, PL6 5DA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SE (SW)	861	5	248984 59358
95	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: Tavistock Road, Plymouth, PL6 5DA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SE (SW)	861	5	248984 59358
95	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: Tavistock Road, Plymouth, PL6 5DA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SE (SW)	861	5	248984 59357
95	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: Tavistock Road, Plymouth, PL6 5DA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SE (SW)	861	5	248984 59358
96	Points of Interest - Commercial Services Name: Southway Service Station Location: Southway Drive, Plymouth, PL6 6QW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	973	5	249290 61024

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	Points of Interest - Commercial Services Name: Southway Service Station Location: Southway Drive, Plymouth, PL6 6QW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	974	5	249290 61025
97	Points of Interest - Education and Health Name: The Plymouth Nuffield Hospital Location: Derriford Road, Plymouth, PL6 8BG Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14SW (SE)	440	5	249881 59782
97	Points of Interest - Education and Health Name: Plymouth Nuffield Hospital Location: Derriford Road, Plymouth, PL6 8BG Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14SW (SE)	440	5	249881 59782
97	Points of Interest - Education and Health Name: Plymouth Nuffield Hospital Location: Derriford Road, Plymouth, PL6 8BG Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14SW (SE)	440	5	249881 59782
97	Points of Interest - Education and Health Name: M Prior Location: Derriford Road, Plymouth, PL6 8BG Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14SW (SE)	440	5	249881 59782
97	Points of Interest - Education and Health Name: Nuffield Health, Plymouth Hospital Location: Derriford Road, Plymouth, PL6 8BG Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14SW (SE)	440	5	249881 59782
98	Points of Interest - Education and Health Name: Plymouth Primary Care Trust Location: 1 Derriford Park, Plymouth, PL6 5QZ Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A8NW (S)	570	5	249336 59492
98	Points of Interest - Education and Health Name: Plymouth Primary Care Trust Location: 1 Derriford Park, Derriford Business Park, Plymouth, PL6 5QZ Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A8NW (S)	570	5	249336 59492
99	Points of Interest - Education and Health Name: Royal Eye Infirmary (Derriford Hospital) Location: Derriford Hospital, Derriford Road, Derriford, Plymouth, PL6 8DH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A9NW (SE)	623	5	249929 59564
99	Points of Interest - Education and Health Name: Freedom Day Case Unit Location: Derriford Hospital, Derriford Road, Plymouth, PL6 8DH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A9NW (SE)	623	5	249930 59564
99	Points of Interest - Education and Health Name: Derriford Hospital Location: Derriford Hospital, Derriford Road, Plymouth, PL6 8DH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A9NW (SE)	623	5	249930 59564
99	Points of Interest - Education and Health Name: Derriford Hospital Location: Derriford Hospital, Derriford Road, Plymouth, PL6 8DH Category: Health Practitioners and Establishments Class Code: Accident & Emergency Department Positional Accuracy: Positioned to address or location	A9NW (SE)	623	5	249930 59564

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	Points of Interest - Education and Health Name: Derriford Hospital Location: Derriford Hospital, Derriford Road, Derriford, Plymouth, PL6 8DH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A9NW (SE)	648	5	249896 59505
100	Points of Interest - Education and Health Name: Derriford Hospital Location: Derriford Hospital, Derriford Road, Derriford, Plymouth, PL6 8DH Category: Health Practitioners and Establishments Class Code: Accident & Emergency Department Positional Accuracy: Positioned to address or location	A9NW (SE)	628	5	249956 59582
101	Points of Interest - Education and Health Name: The Tamar Surgery Healthport Location: Research Way, Derriford, Plymouth, Devon, PL6 8BU Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A9NE (SE)	866	5	250285 59618
101	Points of Interest - Education and Health Name: Tamar Surgery Healthport Location: Research Way, Derriford, Plymouth, Devon, PL6 8BU Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A9NE (SE)	866	5	250285 59618
102	Points of Interest - Education and Health Name: Peninsula NHS Treatment Centre Location: 20 Brest Road, Plymouth, PL6 5XP Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A8SE (S)	936	5	249562 59097
102	Points of Interest - Education and Health Name: Peninsula NHS Treatment Centre Location: 20 Brest Road, Plymouth, PL6 5XP Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A8SE (S)	936	5	249562 59097
102	Points of Interest - Education and Health Name: P H G Location: 20 Brest Road, Plymouth, Devon, PL6 5XP Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A8SE (S)	949	5	249632 59090
103	Points of Interest - Manufacturing and Production Name: Tanks Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	508	5	250049 60114
103	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	516	5	250056 60127
103	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	517	5	250058 60120
103	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	520	5	250061 60115
104	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	642	5	249072 59571

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	Points of Interest - Manufacturing and Production Name: Tanks Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	651	5	249022 59607
105	Points of Interest - Manufacturing and Production Name: Tanks Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	663	5	248989 59626
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	664	5	249037 59574
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	665	5	249032 59577
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	667	5	249026 59580
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	668	5	248988 59620
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	668	5	249021 59584
105	Points of Interest - Manufacturing and Production Name: Tanks Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	668	5	249022 59582
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	669	5	249035 59568
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	669	5	249016 59587
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	669	5	248986 59621
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	671	5	248981 59624

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	671	5	249029 59572
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	671	5	249010 59590
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	672	5	248978 59625
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	672	5	249023 59576
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	673	5	249018 59579
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	674	5	249014 59582
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	677	5	249006 59586
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	678	5	248996 59596
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	679	5	248990 59600
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	681	5	248985 59603
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	683	5	248978 59608
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	684	5	249026 59556

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	685	5	248973 59611
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	685	5	249021 59560
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	687	5	249011 59566
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	688	5	248966 59615
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	688	5	249015 59562
105	Points of Interest - Manufacturing and Production Name: Tanks Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	688	5	249014 59563
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	689	5	249005 59570
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	689	5	249019 59556
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	690	5	249024 59550
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	691	5	248960 59617
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	692	5	248999 59572
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	692	5	249014 59557

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	693	5	248954 59622
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	694	5	249007 59561
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	695	5	249002 59564
105	Points of Interest - Manufacturing and Production Name: Tanks Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	695	5	248973 59596
105	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	697	5	248996 59568
106	Points of Interest - Manufacturing and Production Name: Tanks Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	691	5	250028 59566
106	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A9NW (SE)	694	5	250037 59571
106	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A9NW (SE)	702	5	250038 59561
106	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A9NW (SE)	707	5	250038 59553
106	Points of Interest - Manufacturing and Production Name: Tanks Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	716	5	250062 59566
106	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	724	5	250057 59549
107	Points of Interest - Manufacturing and Production Name: Seaton Business Park Location: PL6 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	722	5	249535 59310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	Points of Interest - Manufacturing and Production Name: Tanks Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	733	5	248886 59648
108	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	737	5	248878 59653
108	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	768	5	248851 59637
108	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NW (SW)	773	5	248841 59644
108	Points of Interest - Manufacturing and Production Name: Tanks Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	775	5	248844 59636
109	Points of Interest - Manufacturing and Production Name: Tamar Science Park Ltd Location: Innovation & Technology Transfer Centre Tamar Science Park, Davy Road, Plymouth, PL6 8BX Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A9NE (SE)	840	5	250276 59654
109	Points of Interest - Manufacturing and Production Name: Plymouth Science Park Location: 1 Tamar Science Park, Davy Road, Derriford, Plymouth, PL6 8BX Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A9NE (SE)	840	5	250275 59653
109	Points of Interest - Manufacturing and Production Name: Tamar Sciencepark Location: PL6 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	879	5	250297 59613
110	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	861	5	248856 59478
110	Points of Interest - Manufacturing and Production Name: Tank Location: PL6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	922	5	248838 59407
111	Points of Interest - Public Infrastructure Name: Sluice Location: PL6 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	619	5	249028 59649
112	Points of Interest - Public Infrastructure Name: Plymouth City Airport (closed) Location: PL6 Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A14NW (E)	658	5	250190 60186

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	Points of Interest - Public Infrastructure Name: Derriford Waste Management Services Location: Derriford, Road, Plymouth, PL6 8DH Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A9NW (SE)	663	5	249995 59571
114	Points of Interest - Public Infrastructure Name: Sludge Bed Location: PL6 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	860	5	248841 59496
115	Points of Interest - Public Infrastructure Name: Refuse Tip Location: PL6 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	891	5	248723 59612
115	Points of Interest - Public Infrastructure Name: Sludge Bed Location: PL6 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	917	5	248727 59554
115	Points of Interest - Public Infrastructure Name: Sludge Bed Location: PL6 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	965	5	248646 59598
116	Points of Interest - Public Infrastructure Name: Southway Service Station Location: Southway Drive, Plymouth, PL6 6QW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	974	5	249290 61025
117	Points of Interest - Public Infrastructure Name: Sludge Bed Location: PL6 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	999	5	248601 59612
118	Points of Interest - Recreational and Environmental Name: Playground Location: Plymbridge Lane, PL6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	678	5	250221 60094
119	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	A18NW (N)	754	5	249460 60831
119	Points of Interest - Recreational and Environmental Name: Play Area Location: Pendeen Crescent, PL6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18NW (N)	755	5	249444 60830
120	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	980	5	248928 60857
120	Points of Interest - Recreational and Environmental Name: Playground Location: Southway Drive, PL6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	980	5	248928 60857

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	Ancient Woodland Name: Alwin Wood Reference: 1114390 Area(m ²): 11570.68 Type: Plantation on Ancient Woodland	A12SE (W)	492	6	249006 60048
122	Sites of Special Scientific Interest Name: Plymbridge Lane & Estover Road Multiple Areas: Y Total Area (m2): 3459.81 Source: Natural England Reference: 1006122 Designation Details: Site Of Special Scientific Interest Designation Date: 29th November 1991 Date Type: Notified	A13SE (SE)	347	6	249855 59912

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Plymouth City Council - Environmental Regulation Service West Devon Borough Council - Environmental Health Department South Hams District Council - Environmental Health Department Cornwall Council - Environmental Health Department Caradon District Council (now part of Cornwall Council) - Environmental Health Department	April 2014 December 2014 January 2013 January 2014 November 2008	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annually Not Applicable
Discharge Consents Environment Agency - South West Region	January 2017	Quarterly
Enforcement and Prohibition Notices Environment Agency - South West Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - South West Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - South West Region	January 2017	Quarterly
Local Authority Integrated Pollution Prevention And Control West Devon Borough Council - Environmental Health Department South Hams District Council - Environmental Health Department Caradon District Council (now part of Cornwall Council) - Environmental Health Department Plymouth City Council - Environmental Health Department Cornwall Council - Environmental Health Department	April 2014 February 2013 March 2008 March 2014 September 2014	Annual Rolling Update Annual Rolling Update Not Applicable Annual Rolling Update Annually
Local Authority Pollution Prevention and Controls West Devon Borough Council - Environmental Health Department Caradon District Council (now part of Cornwall Council) - Environmental Health Department Plymouth City Council - Environmental Health Department South Hams District Council - Environmental Health Department Cornwall Council - Environmental Health Department	April 2014 March 2008 March 2014 October 2014 September 2014	Annual Rolling Update Not Applicable Annual Rolling Update Annual Rolling Update Annually
Local Authority Pollution Prevention and Control Enforcements West Devon Borough Council - Environmental Health Department South Hams District Council - Environmental Health Department Caradon District Council (now part of Cornwall Council) - Environmental Health Department Plymouth City Council - Environmental Health Department Cornwall Council - Environmental Health Department	April 2014 February 2013 March 2008 March 2014 September 2014	Annual Rolling Update Annual Rolling Update Not Applicable Annual Rolling Update Annually
Pollution Incidents to Controlled Waters Environment Agency - South West Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - South West Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - South West Region	March 2013	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon Area Environment Agency - South West Region - Devon and Cornwall Area	January 2017 January 2017 January 2017	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - South West Region	October 2016	Quarterly
Water Industry Act Referrals Environment Agency - South West Region	January 2017	Quarterly

Agency & Hydrological	Version	Update Cycle
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Environment Agency - Head Office	February 2017	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2017	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2017	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2017	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2017	Quarterly
Flood Defences Environment Agency - Head Office	February 2017	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	January 2017	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - South West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon Area Environment Agency - South West Region - Devon and Cornwall Area	August 2016 August 2016 August 2016	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon Area Environment Agency - South West Region - Devon and Cornwall Area	October 2016 October 2016 October 2016	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Caradon District Council (now part of Cornwall Council) Cornwall County Council (now part of Cornwall Council) Devon County Council Plymouth City Council - Environmental Health Department South Hams District Council - Environmental Health Department West Devon Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Caradon District Council (now part of Cornwall Council) Cornwall County Council (now part of Cornwall Council) Devon County Council Plymouth City Council - Environmental Health Department South Hams District Council - Environmental Health Department West Devon Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - South West Region - Cornwall Area Environment Agency - South West Region - Devon Area	March 2003 March 2003	Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2017	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Dartmoor National Park Authority - Development Control South Hams District Council - Planning Department West Devon Borough Council - Planning and Development Cornwall County Council (now part of Cornwall Council) Caradon District Council (now part of Cornwall Council) - Planning Department Cornwall Council - Planning Department Plymouth City Council - Planning & Transport Services Devon County Council	February 2016 February 2016 February 2016 January 2009 March 2009 May 2016 October 2015 September 2008	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Not Applicable Annually Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Dartmoor National Park Authority - Development Control South Hams District Council - Planning Department West Devon Borough Council - Planning and Development Cornwall County Council (now part of Cornwall Council) Caradon District Council (now part of Cornwall Council) - Planning Department Cornwall Council - Planning Department Plymouth City Council - Planning & Transport Services Devon County Council	February 2016 February 2016 February 2016 January 2009 March 2009 May 2016 October 2015 September 2008	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Not Applicable Annually Annual Rolling Update Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2016	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2017	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2017	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	December 2016	Quarterly
Points of Interest - Education and Health PointX	December 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2016	Quarterly
Points of Interest - Public Infrastructure PointX	December 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2016	Quarterly
Underground Electrical Cables National Grid	December 2015	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	August 2016	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	January 2017	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	January 2017	Bi-Annually
Marine Nature Reserves Natural England	January 2017	Bi-Annually
National Nature Reserves Natural England	January 2017	Bi-Annually
National Parks Natural England	February 2017	Bi-Annually
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	January 2017	Bi-Annually
Sites of Special Scientific Interest Natural England	January 2017	Bi-Annually
Special Areas of Conservation Natural England	January 2017	Bi-Annually
Special Protection Areas Natural England	January 2017	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	September 2015	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <p>British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Centre for Ecology and Hydrology	 <p>Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	Plymouth City Council - Environmental Health Department Civic Centre, Royal Parade, Plymouth, Devon, PL1 2EW	Telephone: 01752 668000 Fax: 01752 264946 Website: www.plymouth.gov.uk
5	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
6	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
7	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	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.

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, Oysters, Rough Pasture, Furze, Wood, Mixed Wood, Brushwood, Orchard, Pt, Ford, Stepping Stones, Ferry, Waterfall, Lock, Trig Station, Altitude at Trig Station, 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 Borough Boundary (Scotland), Boundary Post or Stone, Bridge Road, Ferry, Electricity Pylon, Foot Bridge, Sluice, Foot Path, Spring, Guide Post or Board, Telephone Call Box, Mile Stone, Trough, Mooring Post or Ring, Police Call Box, Pylon, Signal Post, Sluice, Spring, Telephone Call Box, Trough, 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, Roofed Building, Glazed Roof Building, Non-Coniferous Tree (surveyed), Coniferous Tree (surveyed), Non-Coniferous Trees (not surveyed), Coniferous Trees (not surveyed), Orchard Tree, Scrub, Bracken, Coppice, Osier, Needs, Marsh, Sallings, Rough Grassland, Heath, Culvert, Direction of water flow, Bench Mark, Antiquity (site of), Cave Entrance, Triangulation Station, Electricity Pylon, Electricity Transmission Line, Civil parish/community boundary, District boundary, County boundary, Boundary post/stone, Boundary marking symbol (note: these always appear in opposed pairs or groups of three), Symb marking point where boundary marking changes, Beer House, Boundary Post or Stone, Captain, Coate, Chimney, Drinking Fountain, Electricity Pole or Post, Fire Alarm Post, Foot Bridge, Gully Post, Hydraulic or Hydraulic, Level Crossing, Manhole, Mile Post or Mileage Post, Mile Stone, Non-Tidal Lock, Post Office, Public Convenience, Public House, Pump, Signal Box or Bridge, Signal Post or Light, Spring, Tank or Tank, Telephone Call Box, Telephone Call Post, Trough, Water Pump, Water Tap, Well, Wind Pump, Pillar, Pole or Post, Post Office, Public Convenience, Pump, Pumping Station, Place of Worship, Storage, Storage Pumping Station, Signal Box or Bridge, Signal Post or Light, Spring, Tank or Tank, Trough, Wind Pump, Water Pump, Water Tap, Works Building (rural), Well

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

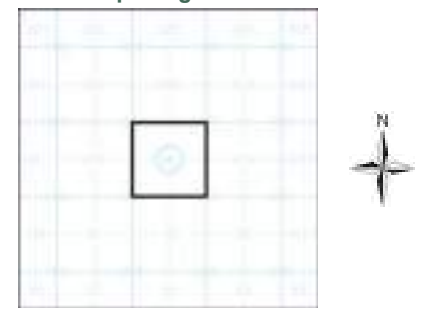
Cliff, Slopes, Rock, Boulders, Positioned Boulder, Non-Coniferous Tree (surveyed), Coniferous Tree (surveyed), Non-Coniferous Trees (not surveyed), Coniferous Trees (not surveyed), Orchard Tree, Scrub, Bracken, Coppice, Osier, Needs, Marsh, Sallings, Rough Grassland, Heath, Culvert, Direction of water flow, Triangulation Station, Antiquity (site of), Electricity Transmission Line, Electricity Pylon, Bench Mark, Buildings with Building Seed, Roofed Building, Glazed Roof Building, Civil parish/community boundary, District boundary, County boundary, Boundary post/stone, Boundary marking symbol (note: these always appear in opposed pairs or groups of three), Pillar, Pole or Post, Post Office, Public Convenience, Pump, Pumping Station, Place of Worship, Storage, Storage Pumping Station, Signal Box or Bridge, Signal Post or Light, Spring, Tank or Tank, Trough, Wind Pump, Water Pump, Water Tap, Works Building (rural), Well



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Devon	1:2,500	1886 - 1894	2
Devon	1:2,500	1906	3
Devon	1:2,500	1913	4
Devon	1:2,500	1933	5
Ordnance Survey Plan	1:2,500	1952 - 1953	6
Ordnance Survey Plan	1:1,250	1963 - 1981	7
Ordnance Survey Plan	1:2,500	1964 - 1967	8
Ordnance Survey Plan	1:1,250	1969	9
Additional SIMs	1:1,250	1969 - 1989	10
Ordnance Survey Plan	1:2,500	1971	11
Supply of Unpublished Survey Information	1:1,250	1974	12
Additional SIMs	1:1,250	1978 - 1991	13
Additional SIMs	1:1,250	1989	14
Large-Scale National Grid Data	1:1,250	1992	15
Large-Scale National Grid Data	1:1,250	1993 - 1994	16
Historical Aerial Photography	1:2,500	1999	17

Historical Map - Segment A13



Order Details
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 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 100

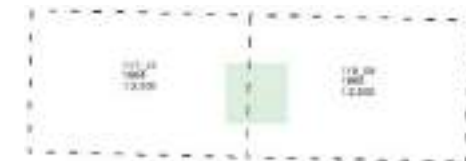
Site Details
 Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

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

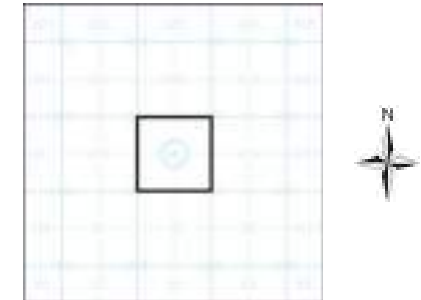
Devon
Published 1886 - 1894
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 100

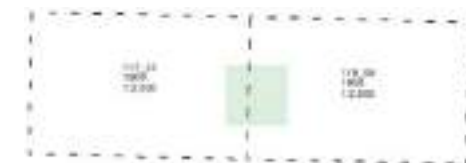
Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

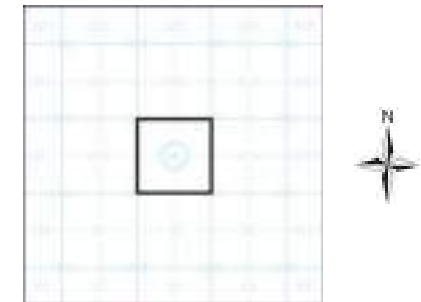
Devon
Published 1906
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

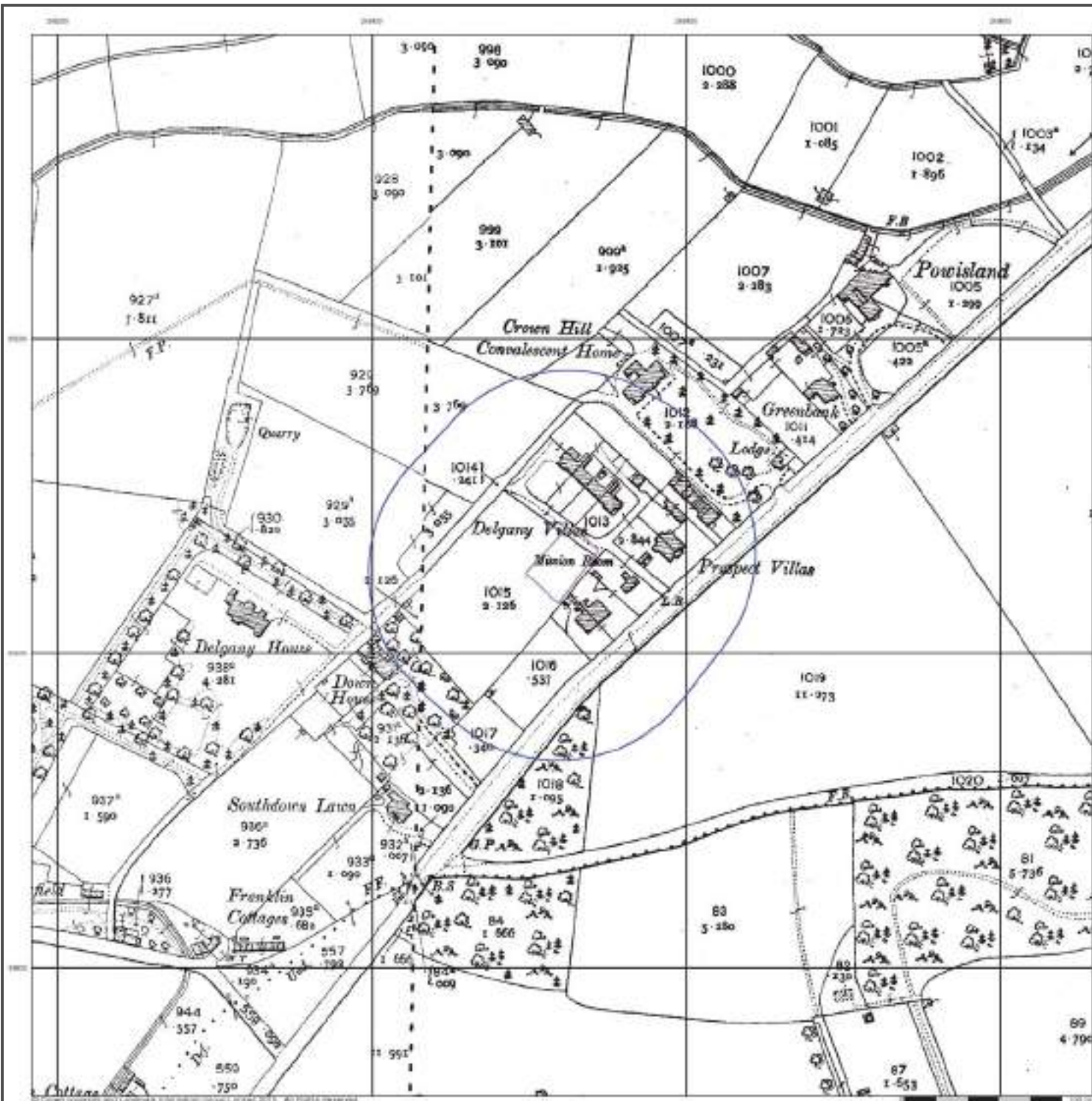


Historical Map - Segment A13



Order Details
 Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 100

Site Details
 Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



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Devon

Published 1913

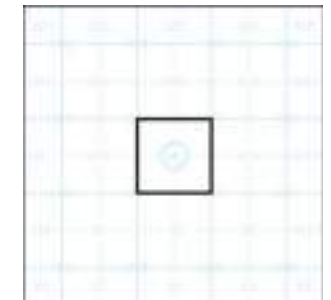
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

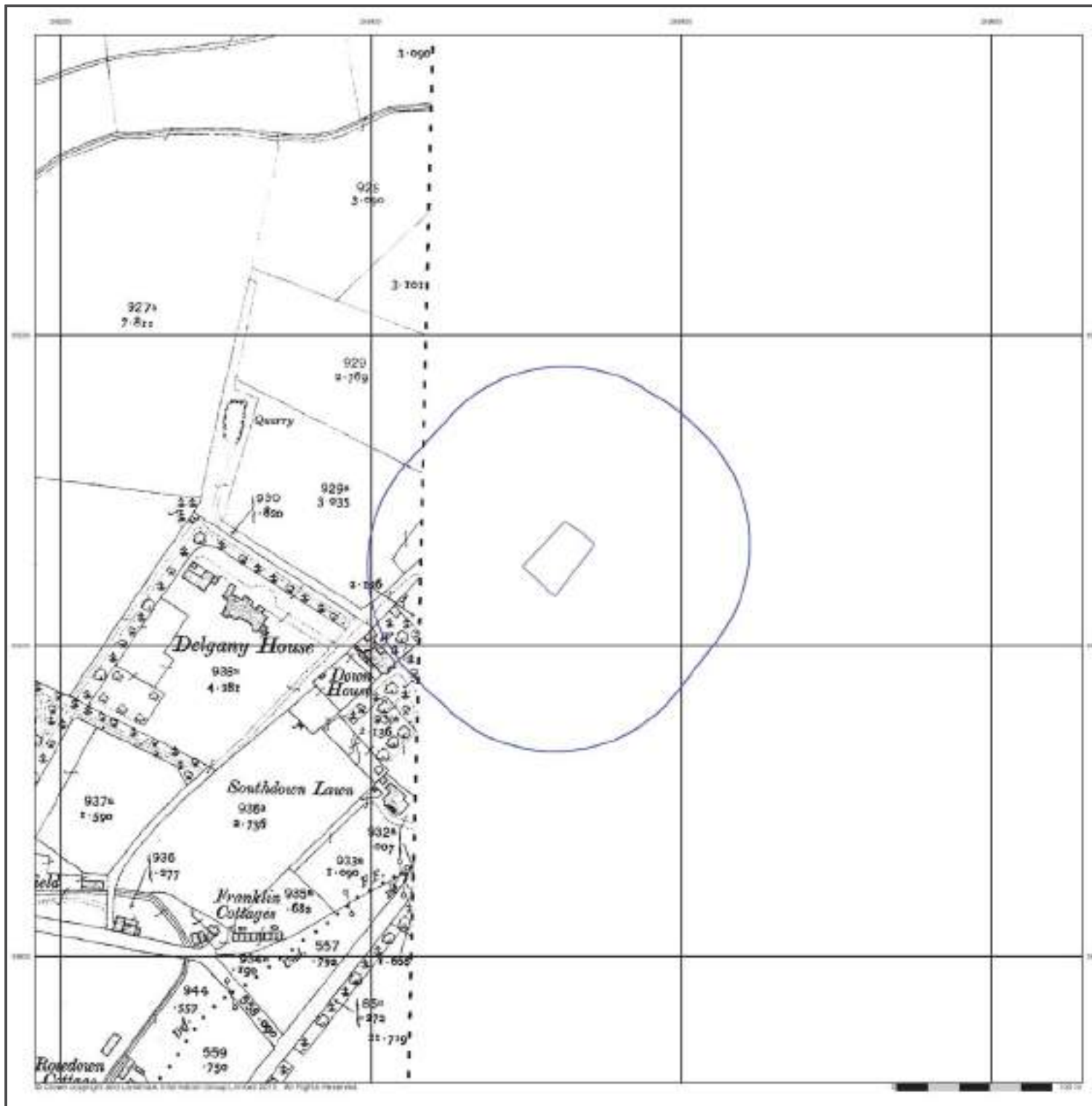


Order Details

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 Site Area (Ha): 0.11
 Search Buffer (m): 100

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



Devon

Published 1933

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

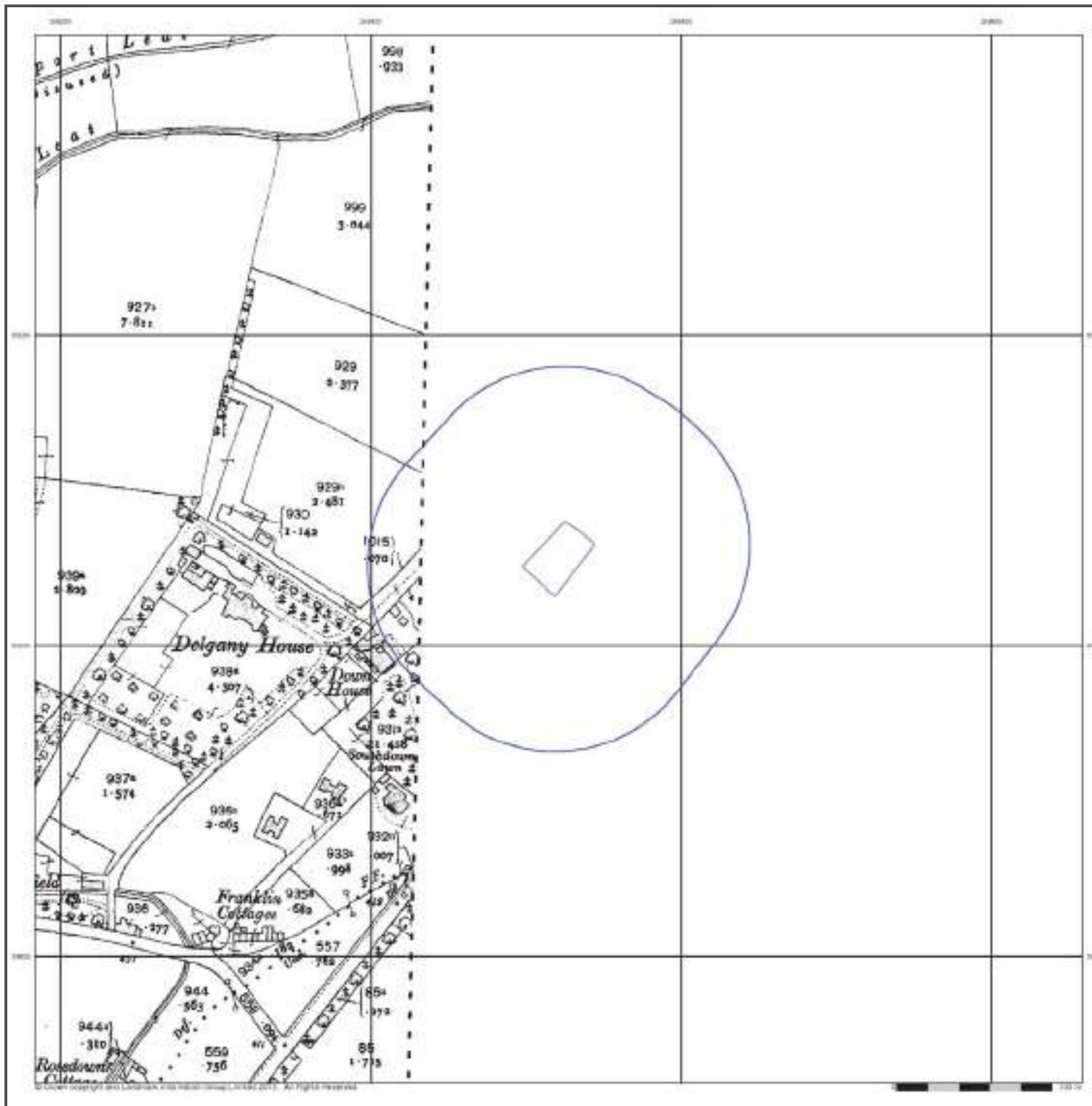


Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 100

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



Ordnance Survey Plan

Published 1952 - 1953

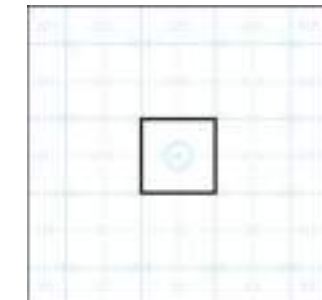
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

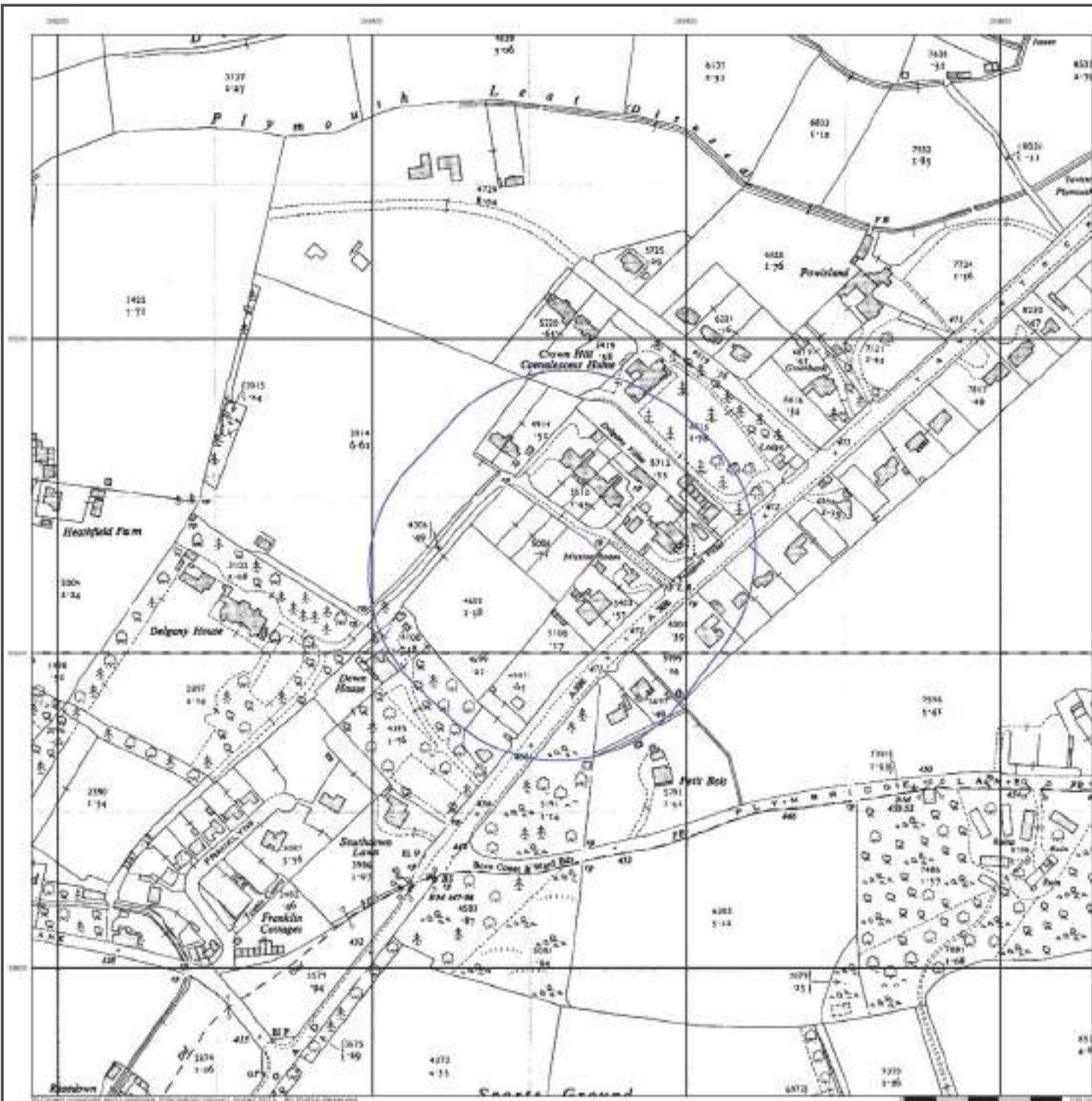


Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
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 Search Buffer (m): 100

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



Ordnance Survey Plan

Published 1963 - 1981

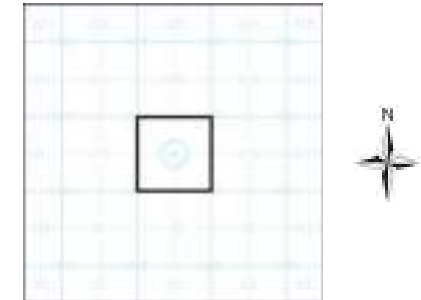
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

Sheet No.	1001	1002
Scale	1:1,250	1:1,250
Year	1963	1981

Historical Map - Segment A13



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 100

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH

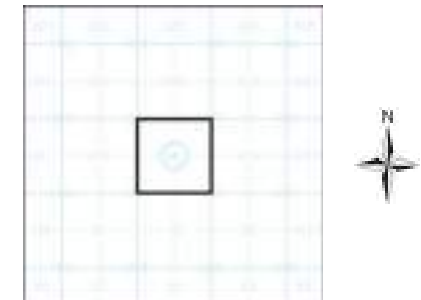
Ordnance Survey Plan
Published 1964 - 1967
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 100

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



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Ordnance Survey Plan

Published 1969

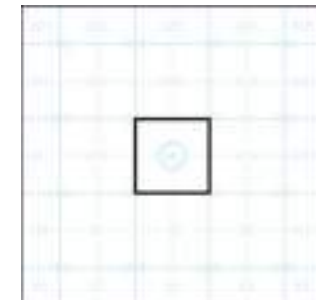
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13

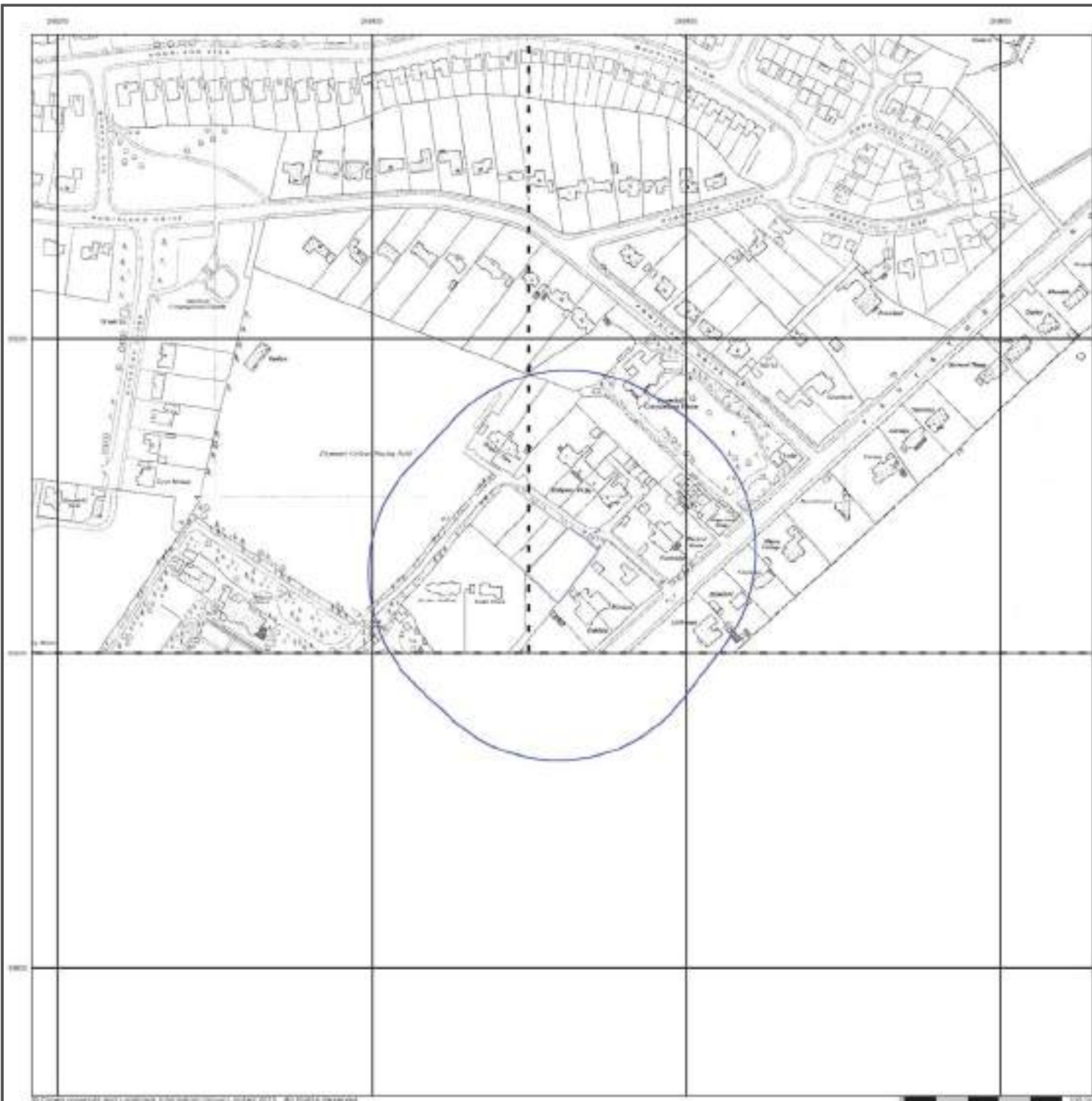


Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 100

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



Additional SIMs

Published 1969 - 1989

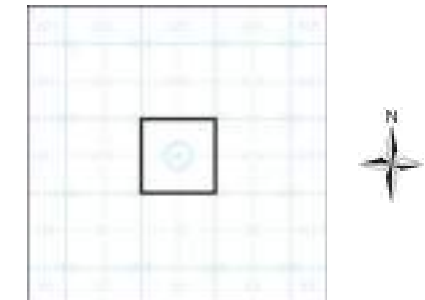
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

1	1969	1989
1	1:1,250	1:1,250
1	1969	1989
1	1:1,250	1:1,250

Historical Map - Segment A13

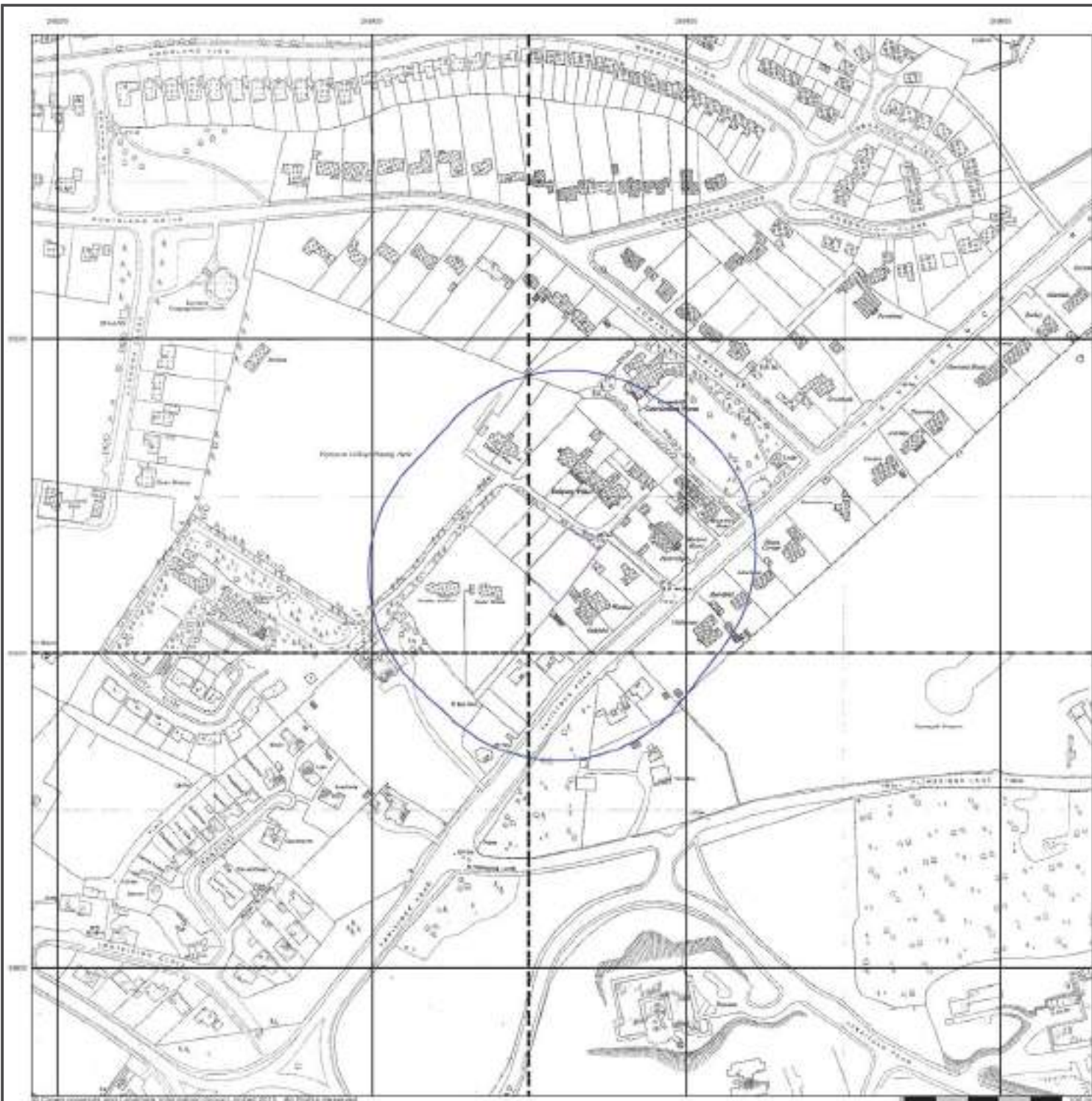


Order Details

Order Number: 122240661_1_1
 Customer Ref: C61107
 National Grid Reference: 249520, 60060
 Slice: A
 Site Area (Ha): 0.11
 Search Buffer (m): 100

Site Details

Plot 2, Delgany Drive, Plymouth, Devon, PL6 8AH



Ordnance Survey Plan

Published 1971

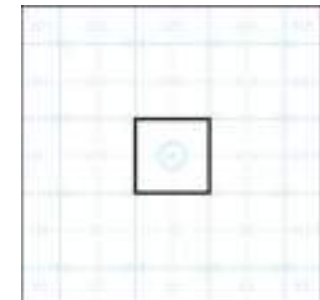
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



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