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York Potash Harbour Facilities Order 201X - Land Quality Report

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Client: York Potash Ltd

Client contact: James Barrie / William Woods

Drafted by: Declan Fives

Checked by: Darren Banner-Perry

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Approved by: Matt Simpson

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SUMMARY

- 1.1.1 Royal HaskoningDHV has been commissioned by York Potash Limited (YPL) to conduct a Land Quality Assessment (Preliminary Risk Assessment (PRA)) in connection with the proposed development of a harbour facility at Bran Sands on the Tees Estuary. YPL (a subsidiary of Sirius Minerals Ltd) proposes to develop a harbour facility on Teesside for the export of polyhalite bulk fertilizer (the product).
- 1.1.2 The proposed harbour facility would comprise a port terminal at Bran Sands, a conveyor system to transfer the product to the port terminal from a materials handling facility (MHF) at Wilton (the MHF at Wilton is subject to a separate planning application and is not considered in this assessment) and product storage facilities adjacent to the port terminal (storage silos).
- 1.1.3 The Made Ground (Slag) deposits, anticipated to be present across the study area, are considered a source of contamination and represent a potential to human health and controlled waters. The nature and extent of any residual contamination within the study area is currently unknown.
- 1.1.4 A number of potential pollutant linkages have been identified in this PRA. These linkages require further investigation in order to allow a quantitative risk assessment to be undertaken to address the following risks:
- Risk to human health via dermal contact and ingestion from potential contaminants in the shallow soils;
 - Risk to human health via inhalation from potential contaminants in the shallow soils and from off-site migration of landfill gases; and
 - Risk to controlled waters from historical activities on and off site and impacted Made Ground.
- 1.1.5 RHDHV recommends a phased investigation strategy to clarify the current data gaps at the site, and assess the risks associated with the potential contamination linkages identified. Ground gas monitoring should be undertaken.
- 1.1.6 Furthermore, a piling risk assessment is also recommended.

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1 INTRODUCTION

1.1.1 Royal HaskoningDHV has been commissioned by York Potash Limited (YPL) to produce a Land Quality Report (Preliminary Risk Assessment (PRA)) in connection with a proposed development at Bran Sands on the Tees estuary. This document has been prepared for the sole benefit of YPL.

1.2 Proposed Development

1.2.1 YPL (a subsidiary of Sirius Minerals Ltd) proposes to develop a harbour facility on Teesside for the export of polyhalite bulk fertilizer (the product).

1.2.2 The proposed development would comprise a port terminal (berthing facility) at Bran Sands on the Tees estuary, a conveyor system to transfer the product to the port terminal from a materials handling facility (MHF) at Wilton (the MHF at Wilton is subject to a separate planning application and is not considered in this assessment) and product storage facilities adjacent to the port terminal (storage silos).

1.2.3 **Figure 1.1** shows a site location plan.

Construction works

1.2.4 There are currently two options under consideration for the construction of the berthing facility. These are as follows:

- A suspended reinforced concrete deck of approximately 530m length, constructed on approximately 350 tubular piles (in the order of 0.9m diameter); and,
- Continuous quay face with a reclaimed area behind (i.e. a land-backed quay).

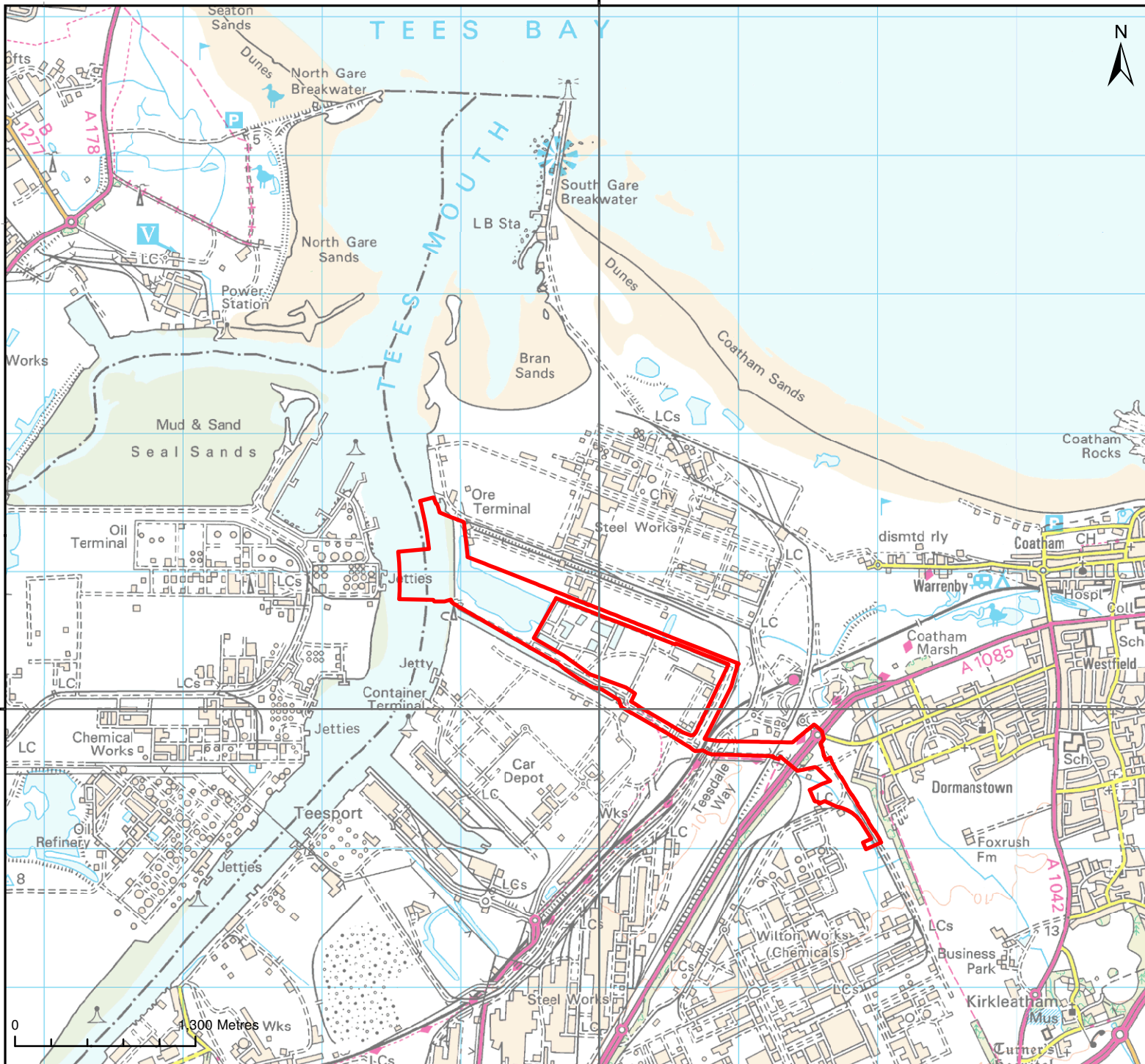
1.2.5 There is a requirement for facilities adjacent to the quay to store product that is delivered via the conveyor system. It is proposed that two storage silos would be constructed for this purpose. The foundations for the proposed scheme would comprise a ground-bearing slab (cast in-situ). There would also be a requirement for piled foundations for some elements of the proposed storage facilities.

1.2.6 Two possible routes are being considered for the conveyor system between the MHF and the port terminal, with local variation in alignment at the MHF end of the conveyor route. It should be noted that both routes may be required.

1.3 Key objectives

1.3.1 The objective of this PRA is to undertake an assessment of the potential risks to human health and controlled waters.


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Legend

 Maximum footprint of the proposed scheme

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Client: York Potash Limited Project: York Potash Limited Land Quality Report

Title: Location Plan

Figure: 1.1	Drawing No:				
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Co-ordinate system: British National Grid



ROYAL HASKONINGDHV
 Marlborough House
 Newcastle upon Tyne, NE1 4EE
 +44 (0)191 211 1300
www.royalhaskoningdhv.com

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1.4 Report format

1.4.1 This report presents the findings of the PRA. The report comprises the following principal sections:

- Section 1 – Introduction;
- Section 2 – Site Location and Land Use;
- Section 3 – Environmental Setting;
- Section 4 – Preliminary Conceptual Site Model; and,
- Section 5 – Conclusions and Recommendations.

1.5 Methodology

1.5.1 The PRA has been completed in general accordance with the recommended approach in Contaminated Land Report 11 (CLR11), (Environment Agency, 2004) and Construction Industry Research and Information Association (CIRIA) 552 (CIRIA, 2001).

1.5.2 The PRA is a desk based study and forms the initial step in the assessment of potentially contaminated land and precedes, if required, subsequent intrusive investigation, risk assessment, options appraisal, remedial design, implementation planning and completion reporting.

1.5.3 The following information sources have been reviewed in undertaking the PRA:

- Envirocheck Report comprising historical maps, environmental sensitivity data and permitting records (Appendix A);
- Historical borehole logs for the surrounding area from the British Geological Society (BGS) historical borehole database;
- AMEC Environmental Liability Assessment Report (AMEC, 2012);
- BGS Online Geological Viewer and Geindex tool; and,
- Environment Agency Online “What’s in your Backyard” tool.

2 SITE LOCATION AND LAND USE

2.1 Location and description

2.1.1 The footprint for the landside elements of the proposed scheme comprises land to the south of the Tees estuary, extending eastwards to the A1085 road, northwards to Bran Sands steel works and southwards to the Dabholm Gut (excluding the majority of Bran Sands landfill site). This boundary covers the area which has potential to be directly affected by the options for the proposed scheme (outlined in Section 1.1.1), and is illustrated in Figure 1.1.

2.1.2 The proposed location of the port terminal and the associated infrastructure (comprising the conveyors and storage facilities) are low-lying, at elevations of less than 10.0m Above Ordnance Datum (AOD).

2.1.3 The proposed port terminal is located on the southern bank of the Tees estuary, adjacent to a number of smaller surface water bodies including ponds, lagoons and drainage channels (See Appendix A for the location of adjacent waterbodies in relation to the location of the site).

2.1.4 The local area is drained by Dabholm Gut, which is a locally important, tidally influenced drainage channel. It is a partly culverted, partly canalised channel 1.35km long, with a weir at the end adjacent to the estuary which maintains the level in the Gut above that of the estuary at times when the tide is below the crest level of the weir. Historically this channel received untreated domestic sewage and industrial effluents which were discharged directly into the Tees estuary.

2.1.5 Under the Water Framework Directive (WFD), the Environment Agency has classified Dabholm Gut (upstream of the normal tidal limit) as being of moderate ecological status.

2.2 Historical land use

The site history was established from a review of historical Ordnance Survey maps dating from 1857 to 2013 (Landmark Information Group, 2013). A copy of the historical maps can be found in Appendix B. Given the scale of the study area the relevant information has been summarised below in Table 2.1.

Table 2-1 Historical Map Information

Edition (Years)	Description
1857	<p>On site:</p> <p>The site is shown to be located in an area labelled “Bran Sands”, within the Tees Estuary. The Darlington Railway line and sidings are shown to be located to the East of the site, running North/South across an area known as West Coatham Marsh.</p> <p>No further details are shown on the map.</p> <p>Off site:</p> <p>Beyond the site boundary further agricultural land is shown with a number of ponds and various surface water features.</p>

Edition (Years)	Description
1895	<p>On site: The majority of the site is shown as sand, again labelled “Bran Sands”. The Dabholm Gut is indicated on the map. The majority of the site is indicated to be between the Low and High Water Tide Mark. An embankment is indicated at the High Tide Water Mark. There is possibly another embankment at the low water mark consisting of mud.</p> <p>Off site: Beyond the boundary to the North of the proposed berth location, the Redcar Jetty is indicated on this map and whilst missing from the maps the Redcar Iron and Steel Works may also be developed around this time, given the presence of the jetty. A Mill Race is also indicated off-site.</p>
1938 1938-1951	<p>On site: The site east of the embankment is again shown as sand; the area west of the high tide embankment is shown as marshland. The West Coatham Marsh remains as agricultural land.</p> <p>Off site: Residential development in Dormanstown to the East of the site boundary becomes evident in the 1938 maps. The rail station shows further development in the 1938 map, including a “Slag Wool Works”.</p>
1953-1955	<p>On site: No significant changes.</p> <p>Off site: Teesport deep-water port facility is shown on the 1953-1955 maps. Redcar Iron and Steel Works appears on the 1953-1955 maps, however, as previously noted the Redcar Jetty has been indicated on the maps since 1895.</p>
1964 - 1970	<p>On site: The landfill at Bran Sands appears on the 1964-1970 historical maps.</p> <p>Off site: The Teesport Refinery also appears on the 1964-1970 historical maps following on from the development of the Teesport facility.</p>

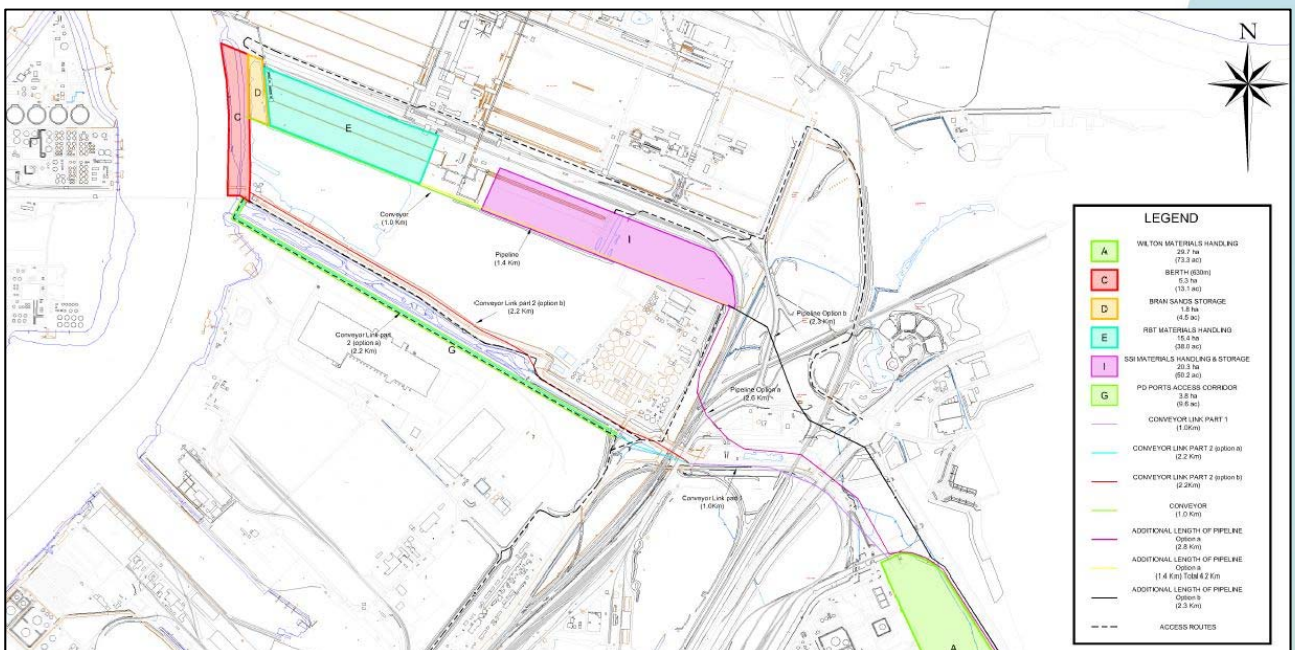
Edition (Years)	Description
1970-1976 1975 1976	<p>On site:</p> <p>The Dabholm Gut has been re-routed to form a straight canal style channel in the 1975 mapping. A number of roadways and the A1085 roundabout also appear on the maps. The lagoon (the majority of which is located off-site) associated within the landfill footprint is shown on 1975 map.</p> <p>Numerous pipelines appear to the east of the site adjacent to the A1085 in the 1976 map. "Active workings" and a sub station are also indicated in this area adjacent to the railway line. No further details are available.</p> <p>Off site:</p> <p>To the south of the Dabholm Gut the Teesport Refinery and the Tees Dock are shown on the 1975 map.</p> <p>The lagoon associated within the landfill footprint is shown on 1975 maps. A number of tracks also appear on this map which could possibly be serving landfill cells or the lagoon.</p> <p>The Dormanstown area appears to be further developed in the 1976 map including the addition of an industrial estate.</p>
1981-1985 1985	<p>On site:</p> <p>The full extents of the Redcar facility are shown on the 1981-1985 maps, including numerous conveyors both on-site and off-site. The pond east of the Redcar facility is indicated on the 1985 map.</p> <p>Off site:</p> <p>Off-site the Redcar facility handling infrastructure, possible tanks (circular outline) and various buildings also appear on the 1981-1985 maps.</p>
1990-1992 1990-1995 1991 1992	<p>On site:</p> <p>A pipe tunnel is recorded on the 1993 map extending from the Dabholm Gut off-site across the Tees Estuary.</p> <p>Off site:</p> <p>A significant number of lagoons/landfill cells appear on the 1990-1992 maps at the landfill.</p>
2006	<p>On site:</p> <p>Pipelines are indicated in the 2006 map adjacent to the Dabholm Gut.</p> <p>Off site:</p> <p>The sewage works appears on the 2006 map for the first time.</p>
2013	<p>On site:</p> <p>No significant changes are recorded since previous mapping</p> <p>Off site:</p> <p>To the south of the Dabholm Gut a new structure appears, likely to be Tesco's distribution centre. The tracks across the landfill site have been removed.</p>

2.3 Site walkover survey

2.3.1 A site walkover was undertaken on 2 December 2013 by an Environmental Consultant from Royal HaskoningDHV. A number of photos were taken during the walkover; these photos are presented in Appendix C. The footprints of the various locations described below are illustrated on Figure 2.1. The scheme has been refined as discussed above since this site walkover; however, the descriptions below refer to the areas as labelled in Figure 2.1.

2.3.2 Area A on Figure 2.1 illustrates the northern half of the MHF footprint at Wilton. Area A is outside the scope of this report and has not been discussed further. However, the land within which sections of pipeline and conveyor systems could be located (i.e. between Area A and the marine terminal and locations of the options for the MHF) is within the scope of this report. The requirement for infrastructure within this area depends on the option that is progressed for the location of the MHF.

Figure 2-1 Previous site options (used during site walkover)



Area C - Berth

2.3.3 The proposed berth site is located on the southern bank of the Tees estuary. The site walkover undertaken in December 2013 identified that existing embankment (which separates the Tees estuary from Bran Sands Lagoon) appears to be formed of rubble and slag and vegetated with grass, as can be seen from photos in Appendix C. The tide was in during the site visit; therefore the seaward portion of the proposed berth was not visible. There was a groundwater monitoring point located on the embankment, which is considered likely to form part of the groundwater monitoring network associated with the Bran Sands landfill site, located adjacent to the footprint of the proposed development.

Area D – Storage facility located adjacent to the marine terminal on Bran Sands Lagoon

- 2.3.4 This area of the proposed development currently forms part of the Bran Sands Lagoon. The lagoon area, which forms part of an existing landfill site, is separated from Tees estuary by an embankment (Berth), as discussed above. There is at least one pipe visibly outfalling from the Redcar Bulk Terminal (Area E on Figure 2.1) to the lagoon. A pumping station operated by Northumbrian Water Limited (NWL) is located in the south-west corner of the lagoon area. There is a flap valve connecting the lagoon to the estuary, but due to relatively small pipe aperture, anecdotal evidence suggests that little tidal fluctuation is observed.

Area E – MHF located at the Redcar Bulk Terminal site

- 2.3.5 This section of the site (as can be seen in Appendix C) is an operational coal handling facility and, at the time of the site visit, there were significant volumes of coal in this area awaiting distribution. There are also numerous conveyors located on this area of the proposed development. The main Redcar Bulk Terminal is located to the north, adjacent to the proposed development.

Area G – Access Corridor across PD Ports' land

- 2.3.6 This corridor runs adjacent to the Tesco distribution centre to the south of the Dabholm Gut. To the north of the Dabholm Gut there is an existing roadway and cable network which lies between the Gut and the landfill/lagoon site.

Area I – MHF and storage facility located on the Sahaviriya Steel Industries (SSI) site

- 2.3.7 Anecdotal evidence suggests that Area I outlined in Figure 2.1 above has been used as a slag tip. There is significant undulation in this area which would be indicative of various materials being deposited there over time.

Conveyor/Pipeline Area between Area A (potential MHF at Wilton) and the marine terminal and Areas E and I

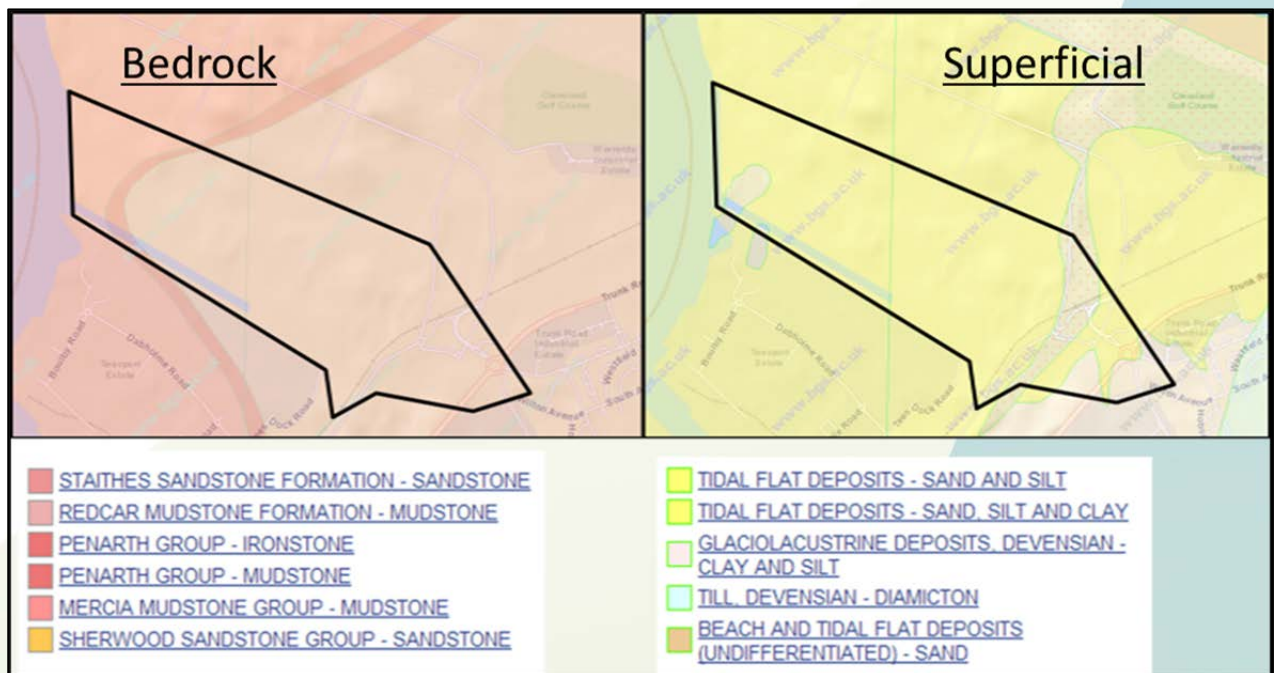
- 2.3.8 There are a number of existing pipelines running from the Wilton area (located to the south-east) and the Tees Estuary. This area contains a number of roadways and railway lines. The remainder of this area appears derelict with the exception of the transformer site.

3 Environmental setting

3.1 Geology

- 3.1.1 The BGS Geology of Britain Viewer and borehole logs (available from the BGS GeoIndex tool) indicate that the majority of the site is underlain by Made Ground deposits, beneath which are superficial deposits. Information taken from the BGS GeoIndex website describes Made Ground in the area, to a maximum thickness of 6.5m below ground level (bgl), as 'slag', underlain by superficial deposits.
- 3.1.2 The superficial deposits underlying the landside footprint of the port terminal and the conveyor routes are reported to comprise Tidal Flat deposits (Figure 3.1). The BGS describes Tidal Flat deposits as sand, silt and clay.
- 3.1.3 There is a small area of land within the western section of the site (near to the Tees estuary) which is reported to contain no superficial deposits; here the BGS reports that Made Ground deposits are present directly above the solid geology.
- 3.1.4 The solid geology within the site comprises mudstone of various ages; the mudstone comprises Mercia Mudstone, a narrow band of Penarth Mudstone and Redcar Mudstone Formation (Figure 3.1).

Figure 3-1 Geological Plan (sourced from the BGS Geological Viewer)



Borehole records

3.1.5 As discussed above, a number of borehole logs are freely available on the BGS GeoIndex website. These logs (NZ52SE22/A and NZ52SE50 located adjacent to the Dabholm Gut, NZ52NE60 located at the Redcar Works and NZ52SE13551/12A located to the east of the Waste Water Treatment Plant (WWTP)) have been summarised below in Table 3.1.

Table 3-1 Summary of borehole log records

Geology	Depth (mbgl)	Description
Made Ground	From 4.50 to a maximum recorded depth of 6.50	Slag
Superficial Deposits (Tidal Flat Deposits)	From 4.50 to a maximum recorded depth of 9.00	Brown, fine to medium SAND with occasional shell fragments; Some silts.
Superficial Deposits (Till)	From 7.80 to a maximum recorded depth of 12.20	Boulder Clay
Mudstone	From 9.00 to a maximum recorded depth of 28.20	Dark Grey weak Mudstone

Soil Geochemistry

3.1.6 The BGS Estimated Soil Geochemistry maps (see Appendix A) indicate that concentrations of arsenic (<15mg/kg and 15mg/kg to 25mg/kg to the east), cadmium (<1.8mg/kg), chromium (60mg/kg to 90mg/kg), lead (150mg/kg to 300mg/kg and <150mg/kg to the west) and nickel (15mg/kg to 30mg/kg) are expected to be encountered on site at the levels indicated in brackets.

3.2 Hydrogeology and Groundwater Vulnerability

3.2.1 The Environment Agency has classified the superficial deposits within the western section of the site as a Secondary (Undifferentiated) Aquifer (Tidal Flat Deposits) i.e. it has not been possible to attribute either category A or B to a rock type; a Secondary A Aquifer within the eastern section of the site i.e. capable of supporting water supplies at a local rather than strategic scale; and, unproductive strata to the far east of the site (Till).

3.2.2 The underlying bedrock has been classified by the Environment Agency as a Secondary B Aquifer i.e. predominantly lower permeability layers, with the exception of the Penarth Group Mudstone, which is defined as a Secondary (Undifferentiated) Aquifer. The groundwater vulnerability has been designated "Minor Aquifer High".

3.2.3 There are no groundwater Source Protection Zones (SPZs) within the site boundary, or in the vicinity of the site.

Groundwater abstractions

3.2.4 There are no groundwater abstractions within the site or in the vicinity of the site.

3.3 Hydrology

3.3.1 The site is located adjacent to the Tees estuary. According to the Northumbria River Basin Management Plan (RBMP), (Environment Agency, 2009), the chemical status of contaminants listed in Annex B of the RBMP for the Tees estuary waterbody is deemed to be “good” with the exception of tributyltin compounds and, as a result of this failing element, the overall assessment for chemical elements is classified as ‘failing’.

3.3.2 The local area is drained by Dabholm Gut, which is a locally important, tidally influenced drainage channel. Historically this channel received untreated domestic sewage and industrial effluents which were discharged directly into the Tees estuary.

3.3.3 The Fleet Beck also drains the area to the east of the site.

3.3.4 With the exception of the Tees estuary, the largest surface water feature in the vicinity of the site is the Bran Sands Lagoon. The Bran Sands Lagoon is within the boundary of the Bran Sands Landfill. Although no waste disposal has been reported within the lagoon area, the lagoon is regulated by the Environment Agency under the Environmental Permitting (England and Wales) Regulations (EPR) (Environmental Permit Reference: EA/EPR/MP3790ZW/V002).

Water abstractions

3.3.5 There are no surface water abstractions within the site boundary. However, there is one surface water abstraction licence (held by SSI), located approximately 500m to the north of the site boundary. The water is reported to be abstracted from the Tees estuary and is used for cooling purposes. The licence was previously held by Tata Steel (amongst others).

3.4 Industrial land use

3.4.1 There is one Industrial land use recorded within the site boundary and a number adjacent to the site, as summarised below in **Table 3.2**.

Table 3-2 Summary of Industrial Land Uses

Number	Industrial Land Use	Distance from Site	Further Details
1	Metalock Industrial Services Ltd	0	Engineering Services adjacent to the A1085 Trunk Road.
2	Aker Kvaerner	40	Inactive Engineering facility. Located to the East.
3	M & G Fuels Ltd	167	Coal & Smokeless Fuel Merchants & Distributors. The site has been previously occupied by Corus, British Steel and Harsco Metals. Located to the North.
4	Air Products Plc	199	Inactive Gas Suppliers, which was located at the landfill site.
5	Budget Tyres & Auto Centre	243	Tyre Garage Services previously a MoT Testing Centre. Located to the East.

Control of Major Accident Hazards Sites (COMAH)

3.4.2 SSI UK Ltd and Corus UK Ltd are both located adjacent to the site, and are both COMAH sites. The entire Wilton International site (Sembcorp) to the east is also classified as a COMAH site.

3.5 Waste disposal sites

3.5.1 The location of historic and current landfills in relation to the site boundary is presented in **Figure 3.2**. Environment Agency mapping indicates that the port terminal is proposed to be located immediately adjacent to a currently permitted landfill (Bran Sands landfill). The Waste Management Licence (reference EAWML60092) permitted the site to accept controlled waste as defined by Section 75 of the Environmental Protection Act 1990 (as amended) including inert waste, general and biodegradable waste, metals, contaminated general wastes, asbestos and mineral wastes from thermal processes.

3.5.2 Waste is no longer deposited within the landfill as it has been capped with a composite capping system and is the subject of a closure plan as agreed with the Environment Agency. Capping was completed in April 2007. Restoration was completed in 2008. Details suggest that the cap comprises 1.0m thickness of clay with hydraulic conductivity not exceeding $1 \times 10^{-9} \text{m/s}$, with a layer of soils to a minimum of 1.0m. Leachate is collected from leachate extraction chamber. It is then pumped to one of three leachate holding lagoons. Leachate is then pumped from lagoons to sewer for discharge (held by Sembcorp Ltd).

3.5.3 Leachate is reported to meet discharge consent parameters. A surface water drainage system is in place to prevent excessive infiltration and damage to capping systems. Therefore the risk to the scheme from this landfill is likely to be low.

- 3.5.4 A sewage sludge treatment centre, operated by Northumbrian Water Ltd (NWL)), is located on the eastern side of the landfill site.
- 3.5.5 To the south of Bran Sands Landfill, there is a historic landfill known as Teesport Eston Tip, which was operational from December 1977 to September 1993. According to the Environment Agency, waste deposited in this landfill comprised industrial wastewater, sewage sludge and chemical wastes mixed with municipal solid waste.
- 3.5.6 There are also landfill sites to the south east of the Bran Sands landfill site, namely Redcar Trunk Road and Wilton Perimeter Mounds. Waste was received at the Redcar Trunk Road landfill site from September 1977 to August 1979 and the site was licensed to receive inert and industrial waste.

Bran Sands Landfill – Review of annual monitoring reports

- 3.5.7 A review of the annual monitoring reports for the Bran Sands Landfill was carried out by AMEC on behalf of YPL (AMEC, 2012). Environmental monitoring (groundwater, ground gas and leachate monitoring) is being carried out in accordance with the closure plan for the site. It is reported that monitoring parameters, locations and frequency are in compliance with the permit and closure plan (AMEC, 2012).

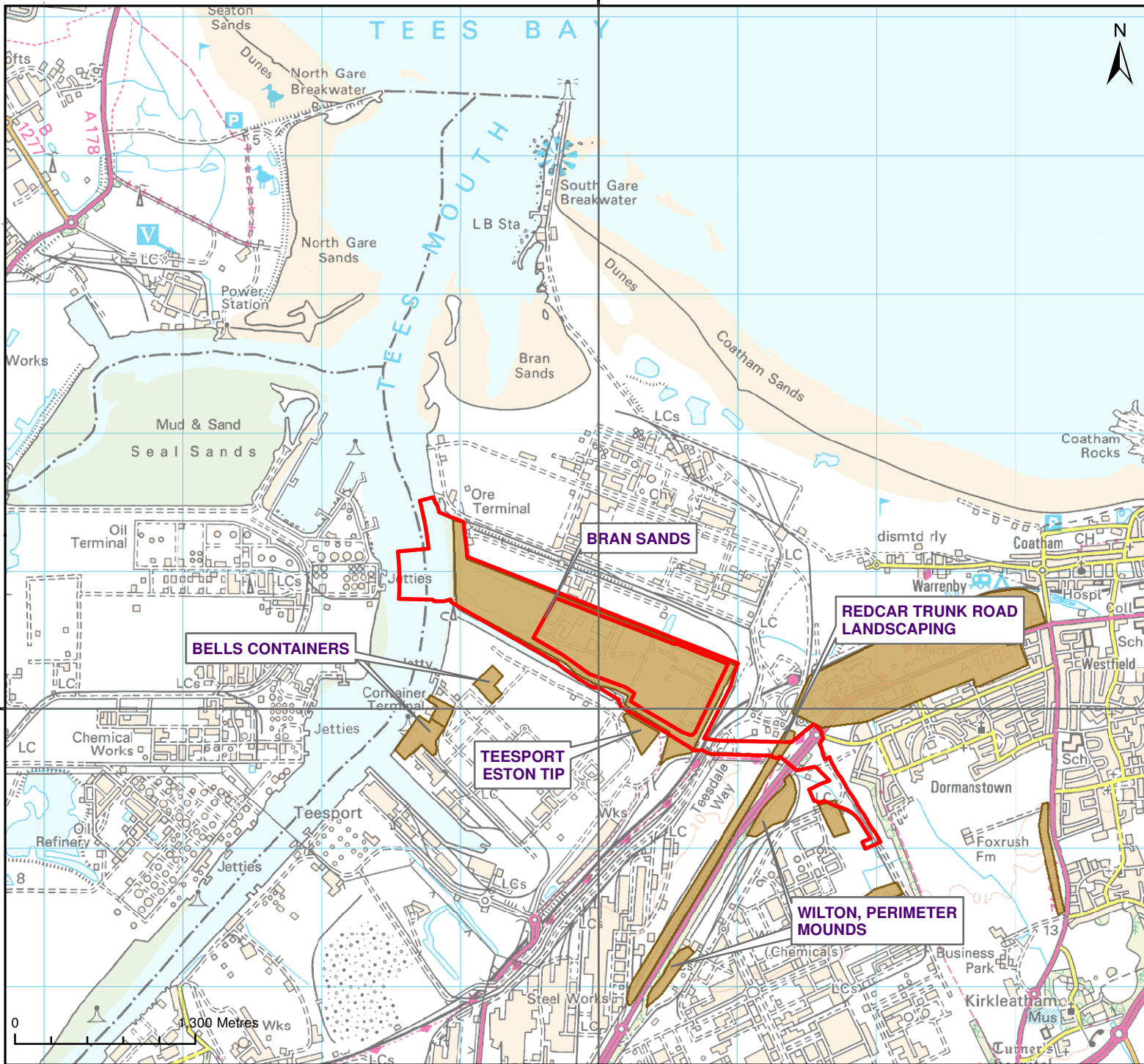
3.6 Sensitive Land Uses

- 3.6.1 There is no sensitive land use recorded within the site boundary. However, the Teesmouth and Cleveland Coast Special Protection Area (SPA) is located approximately 1.4km from site. This SPA contains the South Gare and Coatham Sands Site of Special Scientific Interest (SSSI). These sites are of interest for their flora, invertebrate fauna and bird populations. Seal Sands, located on the northern bank of the Tees estuary, is also designated as a SSSI and forms part of the SPA.

Discharge Consents

There are a number of reported discharge consents within the site boundary. The majority of these consents have been revoked, with the exception of two licences associated with the off-site waste water treatment works which discharge treated effluent to the Dabholm Gut. A summary is shown in **Table 3.3**.

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Legend

- Maximum footprint of the proposed scheme
- Landfill Sites

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Client: York Potash Limited Project: York Potash Limited Land Quality Report

Title: Landfill Sites

Figure: 3.2	Drawing No:				
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Co-ordinate system: British National Grid



ROYAL HASKONINGDHV
 Marlborough House
 Newcastle upon Tyne, NE1 4EE
 +44 (0)191 211 1300
www.royalhaskoningdhv.com

Table 3-3 Summary of discharge consents

Number	Land Use - Discharge	Discharged to	Approx. distance from Site	Notes
1	Sewage Works - NWL	Dabholm Gut	0	Sewage Discharges - Final/Treated Effluent . The licence has been varied / amended under EPR 2010 and/or Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995 numerous occasions.
2	Sewage Works - NWL	Dabholm Gut	0	Sewage Discharges – Pumping Station. The Licence has been modified under Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)
3	Sewage Works - Hodgson Specialities Ltd	Dabholm Gut	0	This licence has been revoked as of the 28th May 2007. Sewage Discharges – Pumping Station.
4	Mine/groundwater - Fairclough Civil Engineering Ltd	Tees (Saline Estuary)	0	This licence has been revoked as of the 30th September 1992.
5	Unspecified discharge - Enron Teesside Operations Limited	Dabholm Gut	0	Multiple licences have been revoked as of the 5th October 1990.
6	Sewage Disposal Works - NWL	Tees (Saline Estuary)	0	This licence has been revoked as of the 28 th October 1960.
7	Sewage Disposal Works - Dorman, Long And Company Ltd	Tees (Saline Estuary)	0	This licence has been revoked as of the 30 th September 1996.
8	Trade discharge – during construction (land reclamation)	Tees (Saline Estuary)	0	This licence has been revoked as of the 30th September 1996.
9	Trade discharges - National Grid Transco	Soak away/Groundwater	0	This licence has been revoked as of the 25 th March 2011.
10	Trade discharges - Imperial Chemical Industries Plc	Dike	0	This licence has been revoked as of 17th November 1976.

Number	Land Use - Discharge	Discharged to	Approx. distance from Site	Notes
11	Sewage Disposal Works - Tees & Hartlepool Port Authority	Land/Soak away	212	Sewage Discharges - Final/Treated Effluent . Consented under the Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995.
12	Sewage discharges - Dorman, Long And Company Ltd	Dabholm Gut	239	This licence has been revoked as of 30th September 1996.
13	Sewage Disposal Works (Storm overflow) - NWL	Fleet Beck	299	This licence has been revoked as of 31st March 2006
14	Sewage Disposal Works (Storm overflow) - NWL	Fleet Beck	303	Sewage Discharges - Storm overflow .
15	Construction discharges - Simons Construction Ltd	Tees (Saline Estuary)	310	This licence has been revoked as of the 28 th February 2006.

3.6.2 There are a further five discharge consents located on the opposite bank of the Tees estuary, four of which have been revoked. The only consent which appears to remain valid pertains to site drainage (Contaminated Surface Water) from the Seal Sands Storage Limited site (a Road Haulage company) and was consented under the Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995 and outfalls to the Tees estuary.

3.6.3 The sewage treatment works discharges its treated effluent to the Dabholm Gut, which flows into the Tees estuary. Risks from this discharge consent are considered to be low given the treated nature of the effluent. The risks from the revoked discharge consents are also considered low given the time that has elapsed since revocation of these consents.

3.6.4 Risk from discharges located on the opposite side of the Tees estuary are considered to be low, given that the discharge consent is for site drainage and the volume of water discharging to the Tees is likely to be low.

3.7 Recorded pollution incidences

3.7.1 There were four pollution incidents recorded within the site boundary, all of which were recorded as Category 3 (minor incidents) with the exception of one substantiated (Category 2) incident in 2007 where organic chemicals were found in the Dabholm Gut. There was also a number of pollution incidences recorded outside the site boundary. A summary is shown below in **Table 3.4**.

Table 3-4 Summary of pollution incidents

Number	Industry Type	Date	Approximate Distance from Site	Notes
1	Chemical industry	1995/6	0	A number of Category 3 – Minor Incidents – Pollution of the Dabholm Gut from various chemicals.
2	Urban Runoff	April 1996	0	Category 3 - Minor Incident – pollution of the Fleet Beck.
3	Chemical industry	1995	0	Two Category 3 - Minor Incidences – unknown chemicals in the Dabholm Gut (fish were killed).
4	Chemical industry	May 2007	0	Category 2 - Significant Incident – organic chemicals/products discharged to the Dabholm Gut.
5	Oil Industry	March 1996	270	Category 3 – Minor Incident - pollution found in the Fleet Beck
6	Chemical Industry	October 1996	357	Category 3 - Minor Incident - pollution found in the Tees Estuary.
7	Fuel Oils	March 1996	363	Category 3 – Minor Incident - pollution found in the Fleet Beck from road runoff.
8	Teesside Works, Redcar	October 2009	401	Atmospheric Pollutants And Effects - Dust .

- 3.7.2 There was one significant incidence of discharges to the Dabholm Gut in 2007. The risk from this incidence is deemed to be low given that the chemical quality of water in the adjacent Tees estuary is reported as good. The risk from the remaining pollution incidences are deemed to be low, given the time (>10years) that has elapsed and their minor nature.

4 Preliminary Conceptual Model

4.1 Introduction

4.1.1 For contamination within soil or water to pose a risk, a pollutant linkage must be established. A pollutant linkage consists of three parts:

- A source of contamination in or on the land;
- A pathway by which the contaminant is able to cause harm (or which presents a significant possibility of such harm being caused); and,
- A receptor which is sensitive to impact from the contamination.

4.1.2 Where all three of these are present, a pollutant linkage exists. Current guidance recommends that a Conceptual Site Model (CSM) is formulated based on the information available. As more information becomes available the CSM may be updated.

4.1.3 The CSM is limited at this stage to the identification and assessment of potential sources, potential receptors and the anticipated pathways to those receptors identified as result of documentary research.

4.2 Potential sources

- A large volume of Made Ground (generally thought to comprise slag) has been used to raise a significant portion of the site and may represent a source of contamination. Potential Contaminants of Concern (COC) may include asbestos, heavy metals, poly aromatic hydrocarbons (PAHs), hydrocarbons, volatile organic contaminants (VOCs), semi-volatile organic contaminants (SVOCs), phenols and poly-chlorinated biphenyls (PCBs).
- There is potential for landfill gas and contaminated leachate to be generated within the Bran Sands Landfill, which lies partially within the site boundary.
- There is potential for a range of contaminants to be present within the Bran Sands Lagoon including leachate from the Bran Sands Landfill or runoff from the adjacent industrial areas.
- Given the industrial nature of the area, there may be residual contamination associated with historical activities (e.g. leakages from fuel storage areas).
- Leachate from the Made Ground (slag) deposits which are anticipated to be present within the site boundary, and/or residual contamination from the Bran Sands Landfill.

4.3 Potential pathways

- Dermal contact with contaminants and ingestion of contaminants which are present at or near the surface.
- Inhalation of airborne particles, or migration of hazardous ground gases, volatile gases and vapours that may migrate via service corridors and permeable strata.
- Leaching of contaminated soils to groundwater and lateral migration.
- Migration of contaminated groundwater to surface water, or migration via service runs, piled foundations, or around structures is possible.

4.4 Potential receptors

- Human health (current and future site users) – much of the site is currently unused. During the operational phase, the number of people working on site will increase, as the site will become occupied by an operational port terminal, conveyor system and a materials storage area.
- Human health (construction workers) - required to work in close proximity to the soils, groundwater and surface water (particularly within Bran Sands Lagoon).
- Controlled waters – there are a number of surface water features within and directly adjacent to the site boundary, including the Tees estuary, Dabholm Gut and the Fleet Beck. The site is also underlain by a Secondary A and B Aquifers. There are no groundwater abstractions on / adjacent to the site.

4.4.1 Further consideration has been given to the preliminary conceptual site model presented above with regard to potential pollutant linkages and the future development.

Source	Pathway	Receptor	Discussion of Pollutant Linkage	Risk
Made Ground (On-site Slag deposits)	Dermal contact, Ingestion & Inhalation	Site workers (during construction)	Given the nature of the proposed development it is likely that exposure to potential COC within the Made Ground will be short term and any potential risks are likely to be mitigated using appropriate personal protective equipment and working practices. Confirmation of the ground conditions would be required to provide further clarification of the risks and to ensure potential risks are mitigated.	Low
		Future site occupants	A significant volume of Made Ground (Slag), which is likely to contain potential COC and may represent an unacceptable risk to human health, has been deposited within the site and may represent a source of contamination. The site will have a commercial end use and there is a high likelihood that it will be largely covered in hard standing which will reduce the potential for dermal contact, ingestion and inhalation of any contaminated material. Confirmation of the ground conditions would be required to provide further clarification of the risks and to ensure potential risks are mitigated.	Low/Medium
	Direct Entry	Controlled waters	During the construction phase, soils will be disturbed and could directly impact the adjacent surface water bodies. However, appropriate working practices and adopting best practice should mitigate any risks.	Low

Source	Pathway	Receptor	Discussion of Pollutant Linkage	Risk
	Leaching	Surface water	Given the potential for contamination to exist within the Made Ground and the current lack of hard standing, infiltration, leaching and migration of contamination cannot be discounted.	Low/Medium
		Secondary A Aquifer (Superficial deposits)	However, the proposed development is likely to include the placement of hard standing which will significantly reduce infiltration and potential mobilisation of contaminants.	
	Secondary B Aquifer (Bedrock)	Although part of the site is underlain by a Secondary A Aquifer which may be able to support local water supplies there are no groundwater abstractions or SPZs in the vicinity of the site. Any impacts to surface water/groundwater as a result of this pollutant linkage are unlikely to represent an unacceptable risk. Confirmation of the ground conditions would be required to provide further clarification of the risks and to ensure potential risks are mitigated.		
Impacted Groundwater (as a result of on-site and off-site impacts)	Lateral Migration	Surface waters	Due to the previous site use there is the potential for contaminated shallow groundwater to be present at the site which could impact surface waters such as the River Tees, Dabholm Gut, Fleet Beck, various drains, a pond and the Bran Sands Lagoon (the majority of which is off-site). The historical and current off-site operations and the adjacent former landfill/lagoon may also have contributed to groundwater contamination. Monitoring undertaken by the EA indicates that the chemical status for the Tees Estuary is 'good' (with the exception of tributyltin compounds which are likely to be associated with shipping operations), and may indicate that any current contaminant inputs via groundwater do not represent an unacceptable risk. However, construction of the facility will require some degree of earthworks and piled foundations which could result in the creation of preferential pathways although this would be minimised through the adoption of the most appropriate piling technique. Confirmation of the groundwater conditions would be required to provide further clarification of the risks and to ensure potential risks are mitigated.	Low/Medium

Source	Pathway	Receptor	Discussion of Pollutant Linkage	Risk
Ground Gas (Made Ground, Landfill & Industrial Activities)	Inhalation	Site workers (during construction)	<p>Any potential risk to construction workers will be short term and are likely to be mitigated using appropriate personal protective equipment and working practices.</p> <p>Confirmation of the ground gas conditions would be required to provide further clarification of the risks and to ensure potential risks are mitigated.</p>	Low/Medium
	Migration through permeable strata into confined spaces within buildings	Future site users and infrastructure	<p>Gas generated by degradation of fill materials presents the following risks:</p> <ul style="list-style-type: none"> • Human health (toxic effects) • Asphyxiation risks through accumulation of gases in buildings; and • Explosion risks through accumulation of gases in buildings <p>The extent of ground gas risks relates to the nature, quantity and age of fill materials and the efficacy of the existing gas management system associated with the adjacent landfill.</p> <p>Furthermore, as discussed above the site is likely to be covered with hard standing which will minimise exposure to ground gases. However, depending on ground gas concentrations and flow rates it may be necessary to install additional gas mitigation measures.</p> <p>Confirmation of the ground gas conditions would be required to provide further clarification of the risks and to ensure potential risks are mitigated.</p>	Low/Medium

5 CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

- 5.1.1 A PRA has been undertaken for the proposed development to determine the potential contamination risks to human health and controlled waters.
- 5.1.2 A number of potential sources of contamination have been identified on or adjacent to the site. The PRA has indicated that the ground conditions at the site are likely to comprise Made Ground deposits, which have the potential to contain COC. The nature and extent of any contamination both on and off-site is currently unknown. These potential COC could represent an unacceptable risk to human health and controlled waters during the construction and operational phase of the proposed development.
- 5.1.3 A number of potential pollutant linkages have been identified, and it is considered that these potential pollutant linkages require further investigation to facilitate an assessment of the potential risks to human health and controlled waters, to inform the need for mitigation measures and to ensure appropriate working practices are adopted.

5.2 Recommendations

Ground Investigation

- 5.2.1 Royal HaskoningDHV recommends a phased investigation strategy to clarify the current data gaps at the site, and assess the risks associated with the potential contamination linkages identified.
- 5.2.2 An initial investigation would further compile and review all existing environmental monitoring infrastructure and environmental monitoring data for the site including: existing groundwater quality and level data; existing landfill gas data; and, existing soil and geological records
- 5.2.3 Further targeted investigation through the collection of soil and groundwater samples should also be undertaken via the excavation of trial pits / the drilling of boreholes, followed by laboratory analysis of the soil and groundwater samples recovered. Ground gas monitoring should also be undertaken.

Generic Quantitative Risk Assessment

- 5.2.4 Following the ground investigation a Generic Quantitative Risk Assessment (GQRA) is recommended to further quantify the risk to future site users and the controlled waters.

Piling risk assessment

- 5.2.5 A Piling Risk Assessment is also recommended given the proposal to install piled foundations for various elements of the proposed scheme.

6 REFERENCES

AMEC, 2012. Environmental Liability Assessment Report

CIRIA, 2001. Contaminated land risk assessment. A guide to good practice. CIRIA C552

Department of the Environment, 1995. Industry Profile, Dockyards and docklands.

Environmental Agency, 2004. Model procedures for the management of contaminated land. Contaminated Land Report 11

Landmark Information Group, 2013. Envirocheck Report. Site at Bran Sands, Redcar and Cleveland.

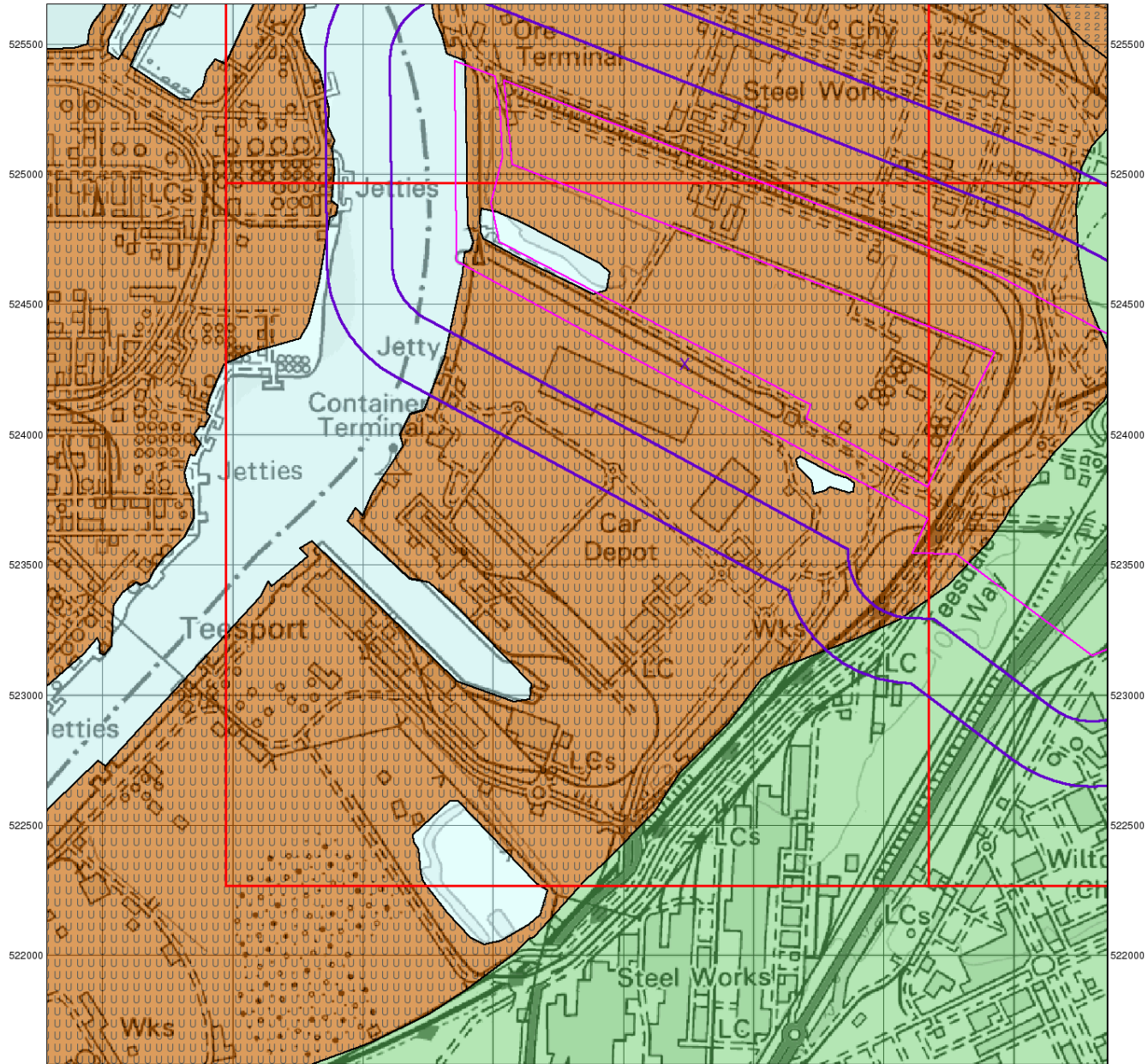
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Appendix A

Envirocheck report

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Groundwater Vulnerability

General

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

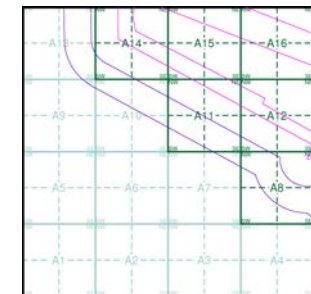
Agency and Hydrological

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



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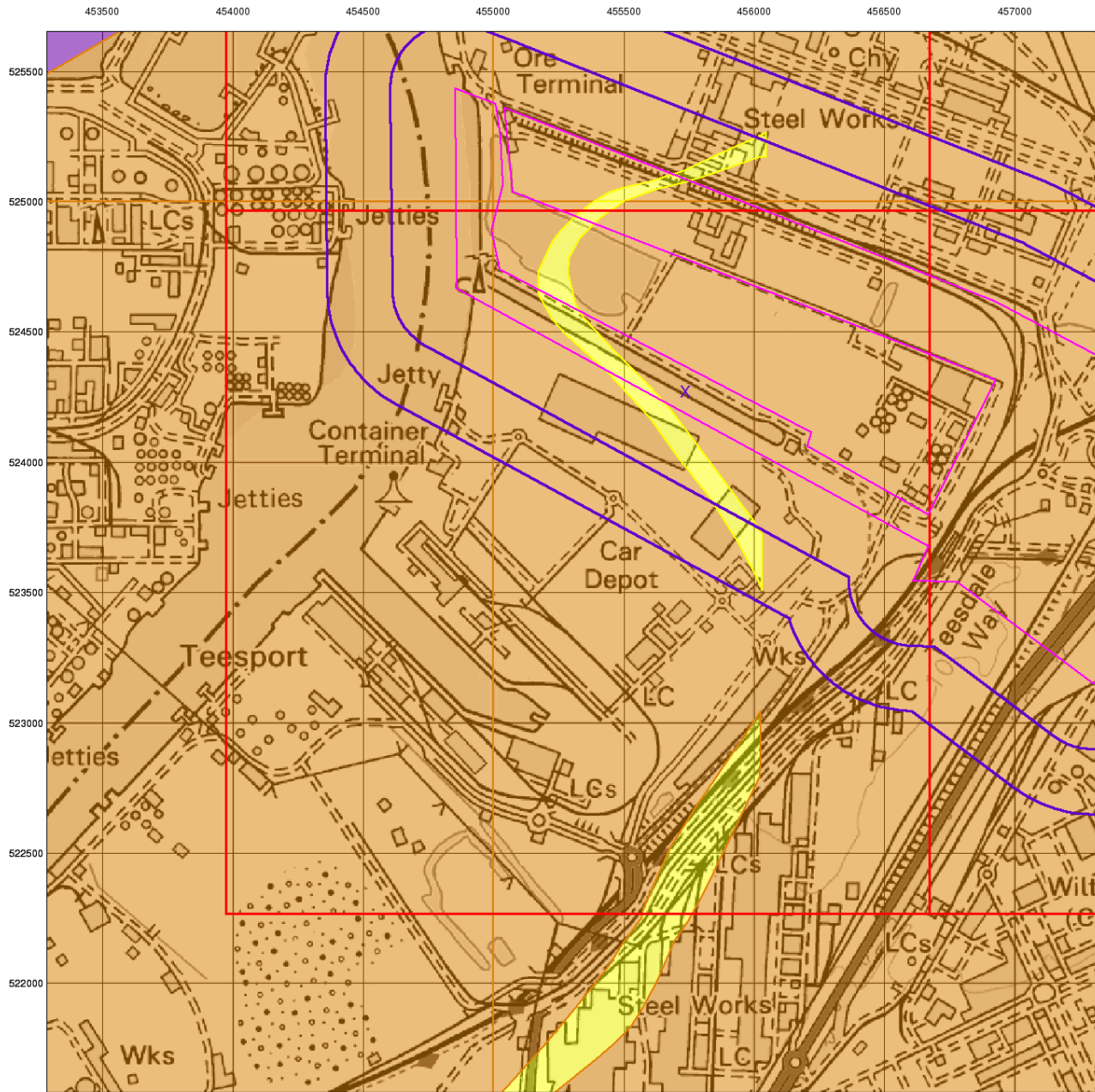
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 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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0 1 km



Bedrock Aquifer Designation

General

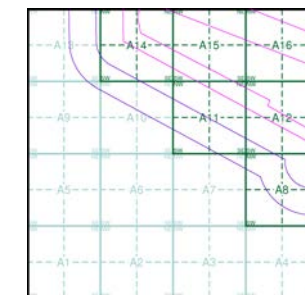
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- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A



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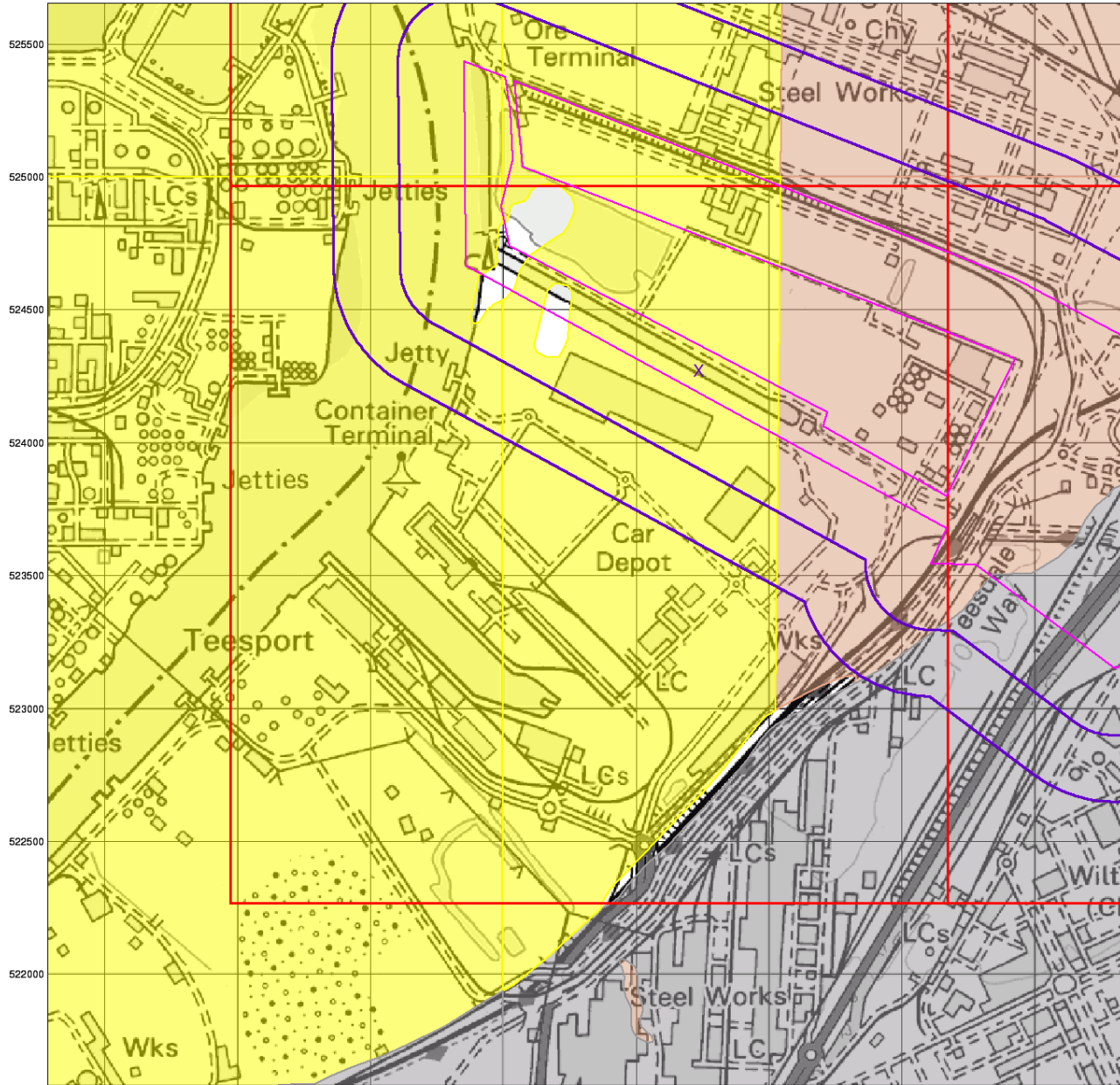
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0 1 km



Superficial Aquifer Designation

General

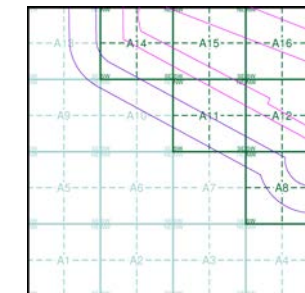
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- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A



Order Details

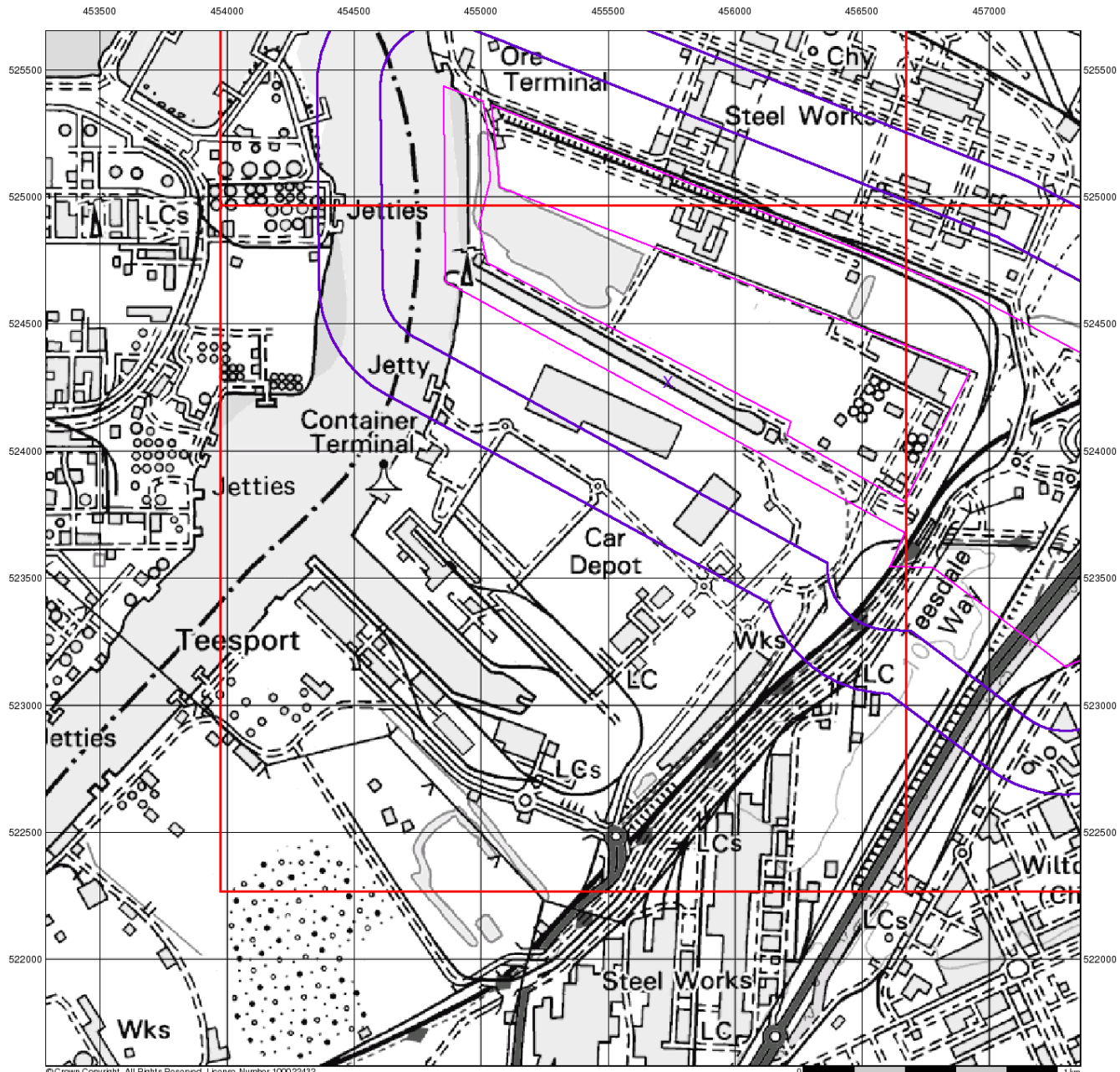
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Source Protection Zones

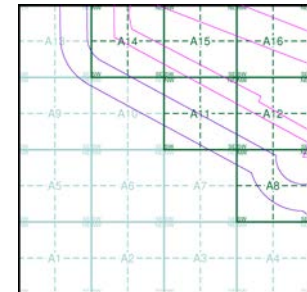
General

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

Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



Order Details

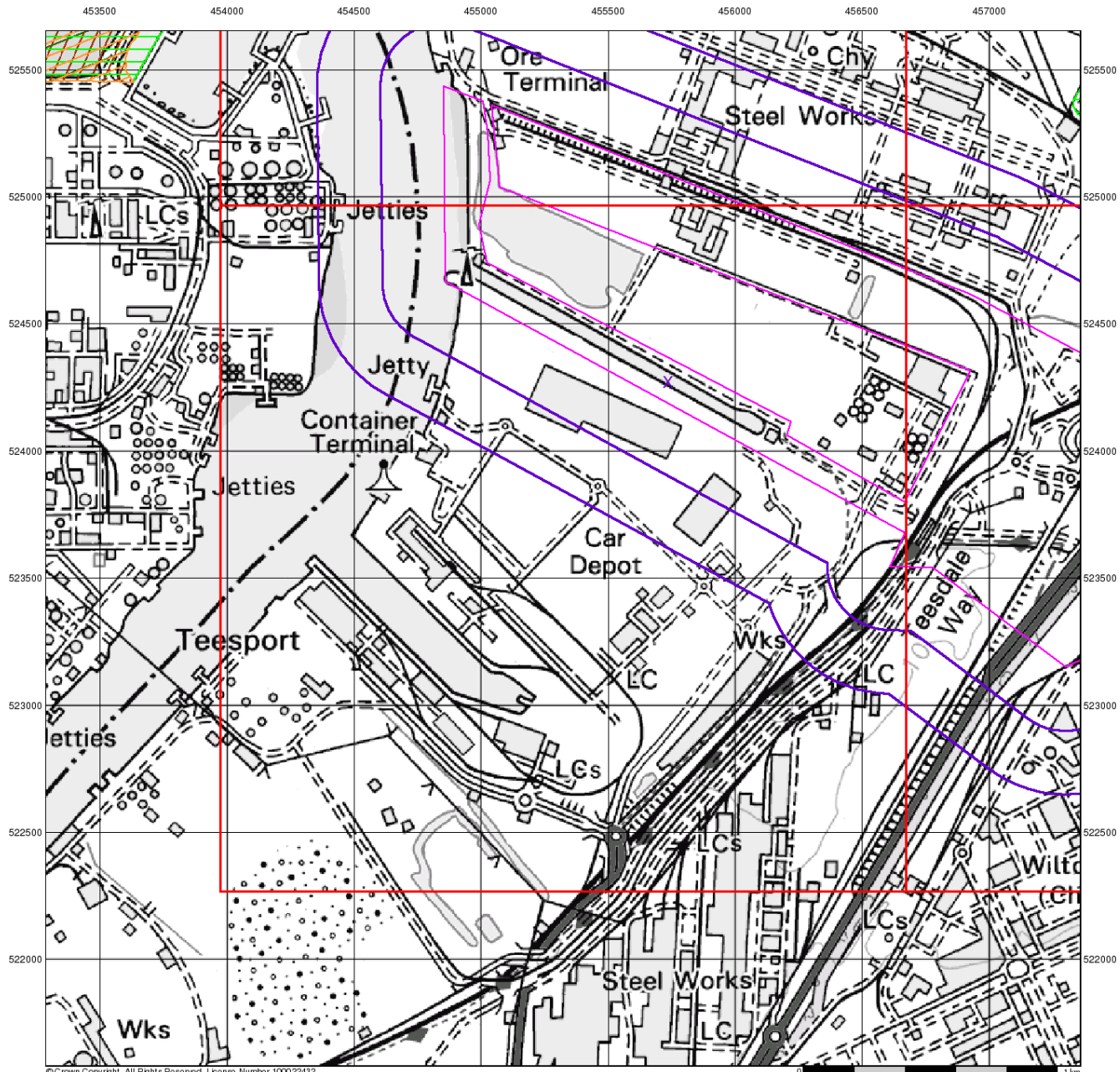
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Sensitive Land Uses

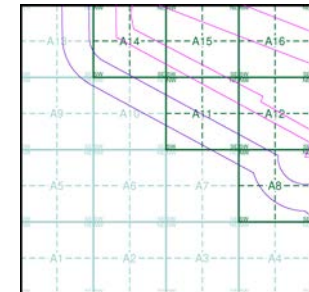
General

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

Sensitive Land Uses

- 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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 51235247_1.1
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 National Grid Reference: 455740, 524270
 Slice: A
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Datasheet

Order Details:

Order Number:

51235247_1_1

Customer Reference:

9Y0989-105-100

National Grid Reference:

455740, 524270

Slice:

A

Site Area (Ha):

195.25

Search Buffer (m):

500

Site Details:

Site at

Bran Sands

Redcar & Cleveland

Client Details:

MR D Fives

HaskoningDHV UK Ltd

Rightwell House

Bretton

Peterborough

PE3 8DW

Prepared For:

York Potash Ltd

Bran Sands

Report Section	Page Number
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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 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 v47.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
Contaminated Land Register Entries and Notices				
Discharge Consents	pg 1	112	15	11
Enforcement and Prohibition Notices				
Integrated Pollution Controls				
Integrated Pollution Prevention And Control	pg 35		14	1
Local Authority Integrated Pollution Prevention And Control				
Local Authority Pollution Prevention and Controls				
Local Authority Pollution Prevention and Control Enforcements				
Nearest Surface Water Feature	pg 39	Yes		
Pollution Incidents to Controlled Waters	pg 39	7		
Prosecutions Relating to Authorised Processes				
Prosecutions Relating to Controlled Waters				
Registered Radioactive Substances				
River Quality				
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register	pg 40	1		
Water Abstractions				
Water Industry Act Referrals				
Groundwater Vulnerability	pg 40	Yes	n/a	n/a
Bedrock Aquifer Designations	pg 40	Yes	n/a	n/a
Superficial Aquifer Designations	pg 41	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences	pg 41	Yes	Yes	n/a
Flooding from Rivers or Sea without Defences	pg 41	Yes		n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
Detailed River Network Lines	pg 41	Yes	Yes	
Detailed River Network Offline Drainage	pg 42			Yes

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites	pg 43	1	1	
Integrated Pollution Control Registered Waste Sites	pg 43		2	
Licensed Waste Management Facilities (Landfill Boundaries)	pg 43	1		
Licensed Waste Management Facilities (Locations)	pg 44		3	
Local Authority Recorded Landfill Sites				
Registered Landfill Sites	pg 45	1	2	1
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites	pg 48		2	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				
Geological				
BGS 1:625,000 Solid Geology	pg 50	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 50	Yes	Yes	Yes
BGS Recorded Mineral Sites				
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
Brine Compensation Area			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability	pg 54	Yes	n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards	pg 54	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 54	Yes	Yes	n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 55	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 55	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 55	Yes	Yes	n/a
Radon Potential - Radon Affected Areas			n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Industrial Land Use				
Contemporary Trade Directory Entries	pg 57		1	n/a
Fuel Station Entries				
Sensitive Land Use				
Areas of Adopted Green Belt				
Areas of Unadopted Green Belt				
Areas of Outstanding Natural Beauty				
Environmentally Sensitive Areas				
Forest Parks				
Local Nature Reserves				
Marine Nature Reserves				
National Nature Reserves				
National Parks				
Nitrate Sensitive Areas				
Nitrate Vulnerable Zones				
Ramsar Sites				
Sites of Special Scientific Interest				
Special Areas of Conservation				
Special Protection Areas				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 17 Effective Date: 1st September 2011 Issued Date: 25th November 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 17 Effective Date: 1st September 2011 Issued Date: 25th November 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 17 Effective Date: 1st September 2011 Issued Date: 25th November 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 16 Effective Date: 25th November 2010 Issued Date: 25th November 2010 Revocation Date: 31st August 2011 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090

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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 16 Effective Date: 25th November 2010 Issued Date: 25th November 2010 Revocation Date: 31st August 2011 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 15 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 24th November 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 15 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 24th November 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090

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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 14 Effective Date: 7th May 2008 Issued Date: 7th May 2008 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 14 Effective Date: 7th May 2008 Issued Date: 7th May 2008 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 14 Effective Date: 7th May 2008 Issued Date: 7th May 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090

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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 3 Effective Date: 1st August 2006 Issued Date: 31st March 2006 Revocation Date: 7th August 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 3 Effective Date: 1st August 2006 Issued Date: 31st March 2006 Revocation Date: 7th August 2006 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 3 Effective Date: 1st August 2006 Issued Date: 31st March 2006 Revocation Date: 7th August 2006 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090

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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 4 Effective Date: 8th August 2006 Issued Date: 31st March 2006 Revocation Date: 10th September 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 4 Effective Date: 8th August 2006 Issued Date: 31st March 2006 Revocation Date: 10th September 2006 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 6 Effective Date: 1st December 2006 Issued Date: 31st March 2006 Revocation Date: 10th January 2007 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 6 Effective Date: 1st December 2006 Issued Date: 31st March 2006 Revocation Date: 10th January 2007 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090

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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 9 Effective Date: 1st March 2007 Issued Date: 31st March 2006 Revocation Date: 30th November 2007 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 12 Effective Date: 1st December 2007 Issued Date: 31st March 2006 Revocation Date: 30th April 2008 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090

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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 13 Effective Date: 1st May 2008 Issued Date: 31st March 2006 Revocation Date: 7th May 2008 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 1 Effective Date: 30th March 2006 Issued Date: 30th March 2006 Revocation Date: 30th March 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 1 Effective Date: 30th March 2006 Issued Date: 30th March 2006 Revocation Date: 30th March 2006 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 1 Effective Date: 30th March 2006 Issued Date: 30th March 2006 Revocation Date: 30th March 2006 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 2 Effective Date: 31st March 2006 Issued Date: 30th March 2006 Revocation Date: 31st July 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 2 Effective Date: 31st March 2006 Issued Date: 30th March 2006 Revocation Date: 31st July 2006 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1920 Permit Version: 2 Effective Date: 31st March 2006 Issued Date: 30th March 2006 Revocation Date: 31st July 2006 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456140 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 9 Effective Date: 21st August 2002 Issued Date: 21st August 2002 Revocation Date: 5th February 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 9 Effective Date: 21st August 2002 Issued Date: 21st August 2002 Revocation Date: 5th February 2004 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090

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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 9 Effective Date: 21st August 2002 Issued Date: 21st August 2002 Revocation Date: 5th February 2004 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 10 Effective Date: 6th February 2004 Issued Date: 21st August 2002 Revocation Date: 31st May 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 10 Effective Date: 6th February 2004 Issued Date: 21st August 2002 Revocation Date: 31st May 2004 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 10 Effective Date: 6th February 2004 Issued Date: 21st August 2002 Revocation Date: 31st May 2004 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090

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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 11 Effective Date: 1st June 2004 Issued Date: 21st August 2002 Revocation Date: 30th June 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 11 Effective Date: 1st June 2004 Issued Date: 21st August 2002 Revocation Date: 30th June 2004 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 11 Effective Date: 1st June 2004 Issued Date: 21st August 2002 Revocation Date: 30th June 2004 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 12 Effective Date: 1st July 2004 Issued Date: 21st August 2002 Revocation Date: 25th July 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090

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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 12 Effective Date: 1st July 2004 Issued Date: 21st August 2002 Revocation Date: 25th July 2004 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 12 Effective Date: 1st July 2004 Issued Date: 21st August 2002 Revocation Date: 25th July 2004 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 13 Effective Date: 26th July 2004 Issued Date: 21st August 2002 Revocation Date: 31st January 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 13 Effective Date: 26th July 2004 Issued Date: 21st August 2002 Revocation Date: 31st January 2005 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Into And/Or Watercourse Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090

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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 13 Effective Date: 26th July 2004 Issued Date: 21st August 2002 Revocation Date: 31st January 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 14 Effective Date: 1st February 2005 Issued Date: 21st August 2002 Revocation Date: 23rd October 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 14 Effective Date: 1st February 2005 Issued Date: 21st August 2002 Revocation Date: 23rd October 2005 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Into And/Or Watercourse Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 14 Effective Date: 1st February 2005 Issued Date: 21st August 2002 Revocation Date: 23rd October 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090

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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 15 Effective Date: 24th October 2005 Issued Date: 21st August 2002 Revocation Date: 8th November 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 15 Effective Date: 24th October 2005 Issued Date: 21st August 2002 Revocation Date: 8th November 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 15 Effective Date: 24th October 2005 Issued Date: 21st August 2002 Revocation Date: 8th November 2005 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Into And/Or Watercourse Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 16 Effective Date: 9th November 2005 Issued Date: 21st August 2002 Revocation Date: 12th February 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090

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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 16 Effective Date: 9th November 2005 Issued Date: 21st August 2002 Revocation Date: 12th February 2006 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 16 Effective Date: 9th November 2005 Issued Date: 21st August 2002 Revocation Date: 12th February 2006 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 17 Effective Date: 13th February 2006 Issued Date: 21st August 2002 Revocation Date: 31st March 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 17 Effective Date: 13th February 2006 Issued Date: 21st August 2002 Revocation Date: 31st March 2006 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090

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1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 17 Effective Date: 13th February 2006 Issued Date: 21st August 2002 Revocation Date: 31st March 2006 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 18 Effective Date: 1st April 2006 Issued Date: 21st August 2002 Revocation Date: 11th October 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 18 Effective Date: 1st April 2006 Issued Date: 21st August 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Into And/Or Watercourse Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 18 Effective Date: 1st April 2006 Issued Date: 21st August 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Into And/Or Watercourse Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Sembcorp Utilities Teesside Ltd Property Type: Basic Industry, Chemicals Organic Location: Sembcorp - Wilton Teesside Operations, Wilton, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1528 Permit Version: 3 Effective Date: 1st January 2000 Issued Date: 20th March 1998 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456100 524050
1	<p>Discharge Consents</p> <p>Operator: Enron Teesside Operations Limited Property Type: Basic Industry, Chemicals Organic Location: Sembcorp - Wilton Teesside Operations, Wilton, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 254/1528 Permit Version: 1 Effective Date: 20th March 1998 Issued Date: 20th March 1998 Revocation Date: 12th October 1999 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456100 524050
1	<p>Discharge Consents</p> <p>Operator: Enron Teesside Operations Limited Property Type: Basic Industry, Chemicals Organic Location: Sembcorp - Wilton Teesside Operations, Wilton, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower) Reference: 254/1528 Permit Version: 2 Effective Date: 13th October 1999 Issued Date: 20th March 1998 Revocation Date: 31st December 1999 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456100 524050
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1469 Permit Version: 1 Effective Date: 1st November 1998 Issued Date: 15th August 1997 Revocation Date: 30th December 1998 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Saline Estuary Environment: Receiving Water: Dabholme Cut Trib Of Tees Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Portrack Sewage Treatment Works, Stockton On Tees Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1466 Permit Version: 1 Effective Date: 20th January 1997 Issued Date: 20th January 1997 Revocation Date: 4th February 2002 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tees(Saline Estuary) Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 254/1458 Permit Version: 5 Effective Date: 19th April 2000 Issued Date: 24th September 1996 Revocation Date: 12th June 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Tidal Waters Environment: Receiving Water: Dabholm Gut(Saline Waters) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 254/1458 Permit Version: 4 Effective Date: 1st July 1998 Issued Date: 24th September 1996 Revocation Date: 24th August 2000 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut(Saline Waters) Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower) Reference: 254/1458 Permit Version: 4 Effective Date: 1st July 1998 Issued Date: 24th September 1996 Revocation Date: 24th August 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut(Saline Waters) Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 254/1458 Permit Version: 1 Effective Date: 16th June 1997 Issued Date: 24th September 1996 Revocation Date: 30th June 1998 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut(Saline Waters) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Enron Teeside Operations Limited Property Type: Basic Industry, Chemicals Organic Location: Sembcorp - Wilton Teeside Operations, Wilton, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 254/1438 Permit Version: 1 Effective Date: 22nd December 1995 Issued Date: 22nd December 1995 Revocation Date: 20th March 1998 Discharge Type: Trade Discharge - Process Water Discharge: Saline Estuary Environment: Receiving Water: Dabholme Gut (Saline Tees Est) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456100 524050
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1387 Permit Version: 1 Effective Date: 17th January 1995 Issued Date: 17th January 1995 Revocation Date: 30th June 1998 Discharge Type: Trade Effluent Discharge: Saline Estuary Environment: Receiving Water: Dabholme Gut Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456120 524090
1	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1387 Permit Version: 2 Effective Date: 1st July 1998 Issued Date: 17th January 1995 Revocation Date: 30th December 1998 Discharge Type: Trade Effluent Discharge: Saline Estuary Environment: Receiving Water: Dabholme Gut Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A12NW (SE)	0	1	456120 524090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Enron Teeside Operations Limited Property Type: Basic Industry, Chemicals Organic Location: Sembcorp - Wilton Teeside Operations, Wilton, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1409 Permit Version: 1 Effective Date: 30th December 1994 Issued Date: 29th December 1994 Revocation Date: 22nd December 1995 Discharge Type: Trade Discharge - Process Water Discharge: Saline Estuary Environment: Receiving Water: Dabholme Gut Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456100 524050
1	<p>Discharge Consents</p> <p>Operator: Ici Chemicals & Polymers Ltd Property Type: Basic Industry, Chemicals Organic Location: Ici Chemicals & Polymers Limited Wi, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 254/1409 Permit Version: 2 Effective Date: 1st January 1997 Issued Date: 29th December 1994 Revocation Date: 4th January 1997 Discharge Type: Unspecified Discharge: Into And/Or Watercourse Environment: Receiving Water: Dabholme Gut Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456100 524050
1	<p>Discharge Consents</p> <p>Operator: Enron Teeside Operations Limited Property Type: Basic Industry, Chemicals Organic Location: Sembcorp - Wilton Teeside Operations, Wilton, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1363 Permit Version: 2 Effective Date: 1st January 1994 Issued Date: 1st November 1993 Revocation Date: 31st March 1994 Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Saline Estuary Environment: Receiving Water: Dabholm Gut Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456100 524050
1	<p>Discharge Consents</p> <p>Operator: Enron Teeside Operations Limited Property Type: Basic Industry, Chemicals Organic Location: Sembcorp - Wilton Teeside Operations, Wilton, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1363 Permit Version: 3 Effective Date: 1st April 1994 Issued Date: 1st November 1993 Revocation Date: 29th December 1994 Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Saline Estuary Environment: Receiving Water: Dabholm Gut Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A12NW (SE)	0	1	456100 524050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Enron Teeside Operations Limited Property Type: Basic Industry, Chemicals Organic Location: Sembcorp - Wilton Teeside Operations, Wilton, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1363 Permit Version: 1 Effective Date: 1st November 1993 Issued Date: 1st November 1993 Revocation Date: 31st December 1993 Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Saline Estuary Environment: Receiving Water: Dabholm Gut Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456100 524050
1	<p>Discharge Consents</p> <p>Operator: Ici Chemicals & Polymers Ltd Property Type: Basic Industry, Chemicals Organic Location: Ici Chemicals & Polymers Limited Wi, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 254/1357 Permit Version: 2 Effective Date: 2nd November 1993 Issued Date: 1st October 1993 Revocation Date: 3rd November 1993 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Dabholm Gut Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456100 524050
1	<p>Discharge Consents</p> <p>Operator: Enron Teeside Operations Limited Property Type: Basic Industry, Chemicals Organic Location: Sembcorp - Wilton Teeside Operations, Wilton, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1357 Permit Version: 1 Effective Date: 1st October 1993 Issued Date: 1st October 1993 Revocation Date: 1st November 1993 Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Saline Estuary Environment: Receiving Water: Dabholm Gut Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456100 524050
1	<p>Discharge Consents</p> <p>Operator: Enron Teeside Operations Limited Property Type: Basic Industry, Chemicals Organic Location: Sembcorp - Wilton Teeside Operations, Wilton, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1281 Permit Version: 1 Effective Date: 5th July 1993 Issued Date: 5th July 1993 Revocation Date: 1st October 1993 Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tees Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456100 524050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Enron Teeside Operations Limited Property Type: Basic Industry, Chemicals Organic Location: Sembcorp - Wilton Teeside Operations, Wilton, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1047 Permit Version: 2 Effective Date: 1st July 1993 Issued Date: 2nd January 1992 Revocation Date: 31st December 1995 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12NW (SE)	0	1	456100 524050
1	Discharge Consents Operator: Enron Teeside Operations Limited Property Type: Basic Industry, Chemicals Organic Location: Sembcorp - Wilton Teeside Operations, Wilton, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1047 Permit Version: 3 Effective Date: 1st January 1996 Issued Date: 2nd January 1992 Revocation Date: 19th March 1998 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12NW (SE)	0	1	456100 524050
1	Discharge Consents Operator: Enron Teeside Operations Limited Property Type: Basic Industry, Chemicals Organic Location: Sembcorp - Wilton Teeside Operations, Wilton, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1047 Permit Version: 1 Effective Date: 2nd January 1992 Issued Date: 2nd January 1992 Revocation Date: 30th June 1993 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12NW (SE)	0	1	456100 524050
1	Discharge Consents Operator: Enron Teeside Operations Limited Property Type: Processing Of Plastics Location: Ici Plc, Wilton, Wilton, Middlesborough Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/0169 Permit Version: 1 Effective Date: 27th May 1987 Issued Date: 27th May 1987 Revocation Date: 2nd January 1992 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Tees Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 10m	A12NW (SE)	0	1	456100 524100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Eston Pumping Station, Adjacent To Bran Sands Stw, Tees Dock Road, Middlesbrough</p> <p>Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1646 Permit Version: 1 Effective Date: 1st November 2000 Issued Date: 1st November 2000 Revocation Date: 16th January 2002 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SE)	0	1	456550 523780
2	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Eston Pumping Station, Adjacent To Bran Sands Stw, Tees Dock Road, Middlesbrough</p> <p>Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1646 Permit Version: 2 Effective Date: 17th January 2002 Issued Date: 1st November 2000 Revocation Date: 28th May 2007 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SE)	0	1	456550 523780
2	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Eston Pumping Station, Adjacent To Bran Sands Stw, Tees Dock Road, Middlesbrough</p> <p>Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1646 Permit Version: 3 Effective Date: 29th May 2007 Issued Date: 1st November 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SE)	0	1	456550 523780
3	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Eston Pumping Station, Adjacent To Bran Sands Stw, Tees Dock Road, Middlesbrough</p> <p>Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1646 Permit Version: 2 Effective Date: 17th January 2002 Issued Date: 1st November 2000 Revocation Date: 28th May 2007 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456080 524030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Hodgson Specialities Ltd Property Type: Sewage Disposal Works - Other Location: Hodgson Specialities Ltd, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 254/0988 Permit Version: 2 Effective Date: 16th June 1994 Issued Date: 1st February 1991 Revocation Date: 17th June 1994 Discharge Type: Unspecified Discharge: Into And/Or Watercourse Environment: Receiving Water: Dabholme Gut Status: Transferred from Water Act 1989 Positional Accuracy: Located by supplier to within 10m	A12NW (SE)	0	1	456100 524010
3	Discharge Consents Operator: Hodgson Specialities Ltd Property Type: Sewage Disposal Works - Other Location: Hodgson Specialities Ltd, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/0988 Permit Version: 1 Effective Date: 23rd January 1991 Issued Date: 23rd January 1991 Revocation Date: 15th June 1994 Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholme Gut Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12NW (SE)	0	1	456100 524010
3	Discharge Consents Operator: Hodgson Specialities Ltd Property Type: Sewage Disposal Works - Other Location: Hodgson Specialities Ltd, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/0988 Permit Version: 1 Effective Date: 23rd January 1991 Issued Date: 23rd January 1991 Revocation Date: 15th June 1994 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholme Gut Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A12NW (SE)	0	1	456100 524010
4	Discharge Consents Operator: Fairclough Civil Engineering Ltd Property Type: Civil Engineering Location: Amoco-Cats Project, Tees Tunnel, Ic, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1106 Permit Version: 1 Effective Date: 18th October 1991 Issued Date: 18th October 1991 Revocation Date: 30th September 1992 Discharge Type: Miscellaneous Discharges - Mine / Groundwater As Raised Discharge: Saline Estuary Environment: Receiving Water: Tees (Saline) Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A14NW (NW)	0	1	454950 524850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p>Discharge Consents</p> <p>Operator: Enron Teeside Operations Limited Property Type: Basic Industry, Chemicals Organic Location: Imperial Chemical Industries Ltd, Wilton Works, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/A/0460 Permit Version: 1 Effective Date: 18th November 1976 Issued Date: 18th November 1976 Revocation Date: 5th October 1990 Discharge Type: Unspecified Discharge: Ditch Environment: Receiving Water: Mains Dike Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A14SE (NW)	0	1	455200 524500
6	<p>Discharge Consents</p> <p>Operator: Enron Teeside Operations Limited Property Type: Sewage Disposal Works - Other Location: Reclamation Works At Bran Sands, Wilton Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/B/0095 Permit Version: 1 Effective Date: 22nd September 1967 Issued Date: 22nd September 1967 Revocation Date: 5th October 1990 Discharge Type: Trade Effluent Discharge-Boiler Blowdown Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (SE)	0	1	456000 524100
7	<p>Discharge Consents</p> <p>Operator: Enron Teeside Operations Limited Property Type: Basic Industry, Chemicals Organic Location: Reclamation Works At Bran Sands, Wilton Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/B/0082 Permit Version: 1 Effective Date: 26th May 1967 Issued Date: 26th May 1967 Revocation Date: 21st September 1967 Discharge Type: Trade Effluent Discharge-Boiler Blowdown Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholm Gut Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A11NE (SE)	0	1	455900 524100
8	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Eston Trunk Sewer Outfall, Eston Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/E/0286 Permit Version: 1 Effective Date: 28th October 1960 Issued Date: 28th October 1960 Revocation Date: 17th January 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tees Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A12NW (E)	0	1	456200 524100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Plant, Wilton, Site Cabins, Teesside Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1462 Permit Version: 1 Effective Date: 1st July 1996 Issued Date: 1st July 1996 Revocation Date: 29th March 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Dabholm Gut Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location</p>	A12SE (SE)	49	1	456500 523950
10	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 9 Effective Date: 21st August 2002 Issued Date: 21st August 2002 Revocation Date: 5th February 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (E)	203	1	456441 524161
10	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 10 Effective Date: 6th February 2004 Issued Date: 21st August 2002 Revocation Date: 31st May 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (E)	203	1	456441 524161
10	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 11 Effective Date: 1st June 2004 Issued Date: 21st August 2002 Revocation Date: 30th June 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (E)	203	1	456441 524161

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 12 Effective Date: 1st July 2004 Issued Date: 21st August 2002 Revocation Date: 25th July 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (E)	203	1	456441 524161
10	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 13 Effective Date: 26th July 2004 Issued Date: 21st August 2002 Revocation Date: 31st January 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (E)	203	1	456441 524161
10	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 14 Effective Date: 1st February 2005 Issued Date: 21st August 2002 Revocation Date: 23rd October 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Into And/Or Watercourse Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (E)	203	1	456441 524161
10	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 15 Effective Date: 24th October 2005 Issued Date: 21st August 2002 Revocation Date: 8th November 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Into And/Or Watercourse Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (E)	203	1	456441 524161

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 16 Effective Date: 9th November 2005 Issued Date: 21st August 2002 Revocation Date: 12th February 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (E)	203	1	456441 524161
10	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 17 Effective Date: 13th February 2006 Issued Date: 21st August 2002 Revocation Date: 31st March 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (E)	203	1	456441 524161
10	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 18 Effective Date: 1st April 2006 Issued Date: 21st August 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Into And/Or Watercourse Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (E)	203	1	456441 524161
10	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Bran Sands Treatment Works, Wilton, Redcar & Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1630 Permit Version: 8 Effective Date: 8th July 2002 Issued Date: 8th July 2002 Revocation Date: 20th August 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Dabholm Gut Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (E)	203	1	456441 524161

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p>Discharge Consents</p> <p>Operator: Tees & Hartlepool Port Authority Property Type: Sewage Disposal Works - Other Location: The Amenity Block The Riverside Roro Terminal, Boulby Road, Teesport, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Tees (Middle) Reference: Qc.25/04/1579 Permit Version: 2 Effective Date: 26th July 2012 Issued Date: 26th July 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Land In The Tees Catchment Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14SE (W)	212	1	455070 524310
11	<p>Discharge Consents</p> <p>Operator: Tees & Hartlepool Port Authority Property Type: Sewage Disposal Works - Other Location: The Amenity Block The Riverside Roro Terminal, Boulby Road, Teesport, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Tees (Middle) Reference: QC.25/04/1579 Permit Version: 1 Effective Date: 28th April 1999 Issued Date: 28th April 1999 Revocation Date: 25th July 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Land In The Tees Catchment 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>	A14SE (W)	212	1	455070 524310
12	<p>Discharge Consents</p> <p>Operator: Tees & Hartlepool Port Authority Property Type: Sewage Disposal Works - Other Location: The Entrance Facility Riverside Ro Ro Terminal, Boulby Road, Teesport, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Tees (Upper); Lune; Balder Reference: QC.25/04/1578 Permit Version: 1 Effective Date: 28th April 1999 Issued Date: 28th April 1999 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Land (River Tees) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A10NE (W)	247	1	455180 524210
13	<p>Discharge Consents</p> <p>Operator: Simons Construction Limited Property Type: Construction & Repair Of Buildings Location: Asda Construction Site Dabholm Road, Teesport, Middlesbrough, Middlesbrough, Ts6 6ud Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1907 Permit Version: 1 Effective Date: 23rd January 2006 Issued Date: 23rd January 2006 Revocation Date: 28th February 2006 Discharge Type: Trade Discharges - Site Drainage Discharge: Saline Estuary Environment: Receiving Water: Dabholm Gut Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A11SE (S)	310	1	455910 523740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<p>Discharge Consents</p> <p>Operator: D.T.B.A. Limited Property Type: Basic Industry, Chemicals Inorganic Location: Seal Sands, MIDDLESBROUGH, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower) Reference: AL1482 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 23rd March 1994 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Treated Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Tees Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NW)	354	1	454505 524895
14	<p>Discharge Consents</p> <p>Operator: Dtba Limited Property Type: Pharmaceutical Products Location: Dtba Ltd - Seal Sands Site, Seal Sands, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1156 Permit Version: 1 Effective Date: 2nd December 1992 Issued Date: 2nd December 1992 Revocation Date: 23rd June 1994 Discharge Type: Trade Discharge - Process Water Discharge: Saline Estuary Environment: Receiving Water: Tees Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NW)	359	1	454500 524900
14	<p>Discharge Consents</p> <p>Operator: Phillips Petroleum Co Uk Ltd Property Type: Pharmaceutical Products Location: Dtba Ltd - Seal Sands Site, Seal Sands, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/0459 Permit Version: 1 Effective Date: 30th March 1988 Issued Date: 30th March 1988 Revocation Date: 25th May 1994 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Tees Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NW)	359	1	454500 524900
15	<p>Discharge Consents</p> <p>Operator: Phillips Petroleum Co Uk Ltd Property Type: Sewage Disposal Works - Other Location: Fine Organics Ltd, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/0231 Permit Version: 1 Effective Date: 13th December 1985 Issued Date: 13th December 1985 Revocation Date: 6th August 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tees Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A13SE (W)	443	1	454450 524500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p>Discharge Consents</p> <p>Operator: Shanks & Mcewan (Southern Waste) Property Type: Basic Industry, Chemicals Organic Location: Shanks & Mcewan, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 254/1530 Permit Version: 2 Effective Date: 1st February 2000 Issued Date: 24th April 1998 Revocation Date: 3rd August 2004 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: The River Tees Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A13NE (W)	460	1	454400 524750
16	<p>Discharge Consents</p> <p>Operator: Shanks & Mcewan (Southern Waste) Property Type: Basic Industry, Chemicals Organic Location: Shanks & Mcewan, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Tees (Lower) Reference: 254/1530 Permit Version: 1 Effective Date: 24th April 1998 Issued Date: 24th April 1998 Revocation Date: 31st January 2000 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: The River Tees Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A13NE (W)	460	1	454400 524750
16	<p>Discharge Consents</p> <p>Operator: Vopak Property Type: Sewage Disposal Works - Other Location: Seal Sands Chemical Company Ltd, Seal Sands, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/0921 Permit Version: 1 Effective Date: 20th April 1989 Issued Date: 20th April 1989 Revocation Date: 26th July 1994 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Tees Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A13NE (W)	461	1	454400 524700
17	<p>Discharge Consents</p> <p>Operator: Fine Organics Ltd Property Type: Basic Industry, Chemicals Organic Location: Fine Organics Ltd, Teesside Site, Seal Sands, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/0289 Permit Version: 2 Effective Date: 25th May 1989 Issued Date: 25th May 1989 Revocation Date: 11th January 1994 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Tees Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A13NE (W)	460	1	454400 524800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p>Discharge Consents</p> <p>Operator: Fine Organics Ltd Property Type: Basic Industry, Chemicals Organic Location: Fine Organics Ltd, Teesside Site, Seal Sands, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/0289 Permit Version: 1 Effective Date: 8th January 1987 Issued Date: 8th January 1987 Revocation Date: 24th May 1989 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Tees Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NW)	460	1	454400 524850
17	<p>Discharge Consents</p> <p>Operator: Fine Organics Ltd Property Type: Not Given Location: Ag8578, Seal Sands, MIDDLESBROUGH, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower) Reference: 254/EPA/008/6 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Unknown Discharge: Saline Estuary Environment: Receiving Water: Tees Estuary Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NW)	460	1	454400 524850
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Impetus Waste Management Ltd Location: Bran Sands Waste Disposal, Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Authority: Environment Agency, North East Region Permit Reference: Bv8652im Original Permit Ref: Bv8652im Effective Date: Not Supplied Status: Application refused Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y</p>	A12SE (SE)	10	1	456563 523869
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Northumbrian Water Ltd Location: Bran Sands Effluent Treatment Works Epr/Lp3439lk/V005, Bran Sands, Tees Dock Road,, Middlesbrough, Cleveland, TS6 6UE Authority: Environment Agency, North East Region Permit Reference: UP3438NW Original Permit Ref: Lp3439lk Effective Date: 30th May 2013 Status: Effective Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 5.4 A(1) a) (i) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: N Activity Code: 5.3 A(1) a) (i) Activity Description: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING BIOLOGICAL TREATMENT Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N</p>	A12SE (SE)	40	1	456608 523878

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Northumbrian Water Ltd Location: Bran Sands Effluent Treatment Works, Epr Ref No - Ea/Epr/Lp3439lk/V004, Bran Sands, Tees Dock Road,, MIDDLESBROUGH, Cleveland, TS6 6UE</p> <p>Authority: Environment Agency, North East Region Permit Reference: AP3833ZG Original Permit Ref: Lp3439lk Effective Date: 18th January 2013 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y Activity Code: 1.1 A(1) (B) (III) Activity Description: Combustion; Waste Derived Fuel Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N</p>	A12SE (SE)	40	1	456608 523878
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Northumbrian Water Ltd Location: Bran Sands Regional Sludge Treatment Centre, Bran Sands, Tees Dock Road,, Middlesbrough, Cleveland, TS6 6UE</p> <p>Authority: Environment Agency, North East Region Permit Reference: AP3033ZE Original Permit Ref: Hp3937pn Effective Date: 18th January 2013 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (B) (III) Activity Description: Combustion; Waste Derived Fuel Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N Activity Code: 5.5 A(1) (A) Activity Description: Fuel From Waste; Making Solid Fuel From Waste By Using Heat (Except Charcoal) Primary Activity: Y</p>	A12SE (SE)	40	1	456608 523878
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Northumbrian Water Ltd Location: Bran Sands Effluent Treatment Works, Epr Ref No - Ea/Epr/Lp3439lk/V004, Bran Sands, Tees Dock Road,, MIDDLESBROUGH, Cleveland, TS6 6UE</p> <p>Authority: Environment Agency, North East Region Permit Reference: TP3539GZ Original Permit Ref: Lp3439lk Effective Date: 3rd December 2009 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (B) (III) Activity Description: Combustion; Waste Derived Fuel Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y</p>	A12SE (SE)	40	1	456608 523878
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Northumbrian Water Ltd Location: Bran Sands Regional Sludge Treatment Centre, Bran Sands, Tees Dock Road,, Middlesbrough, Cleveland, TS6 6UE</p> <p>Authority: Environment Agency, North East Region Permit Reference: UP3032XG Original Permit Ref: Hp3937pn Effective Date: 8th May 2009 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (B) (III) Activity Description: Combustion; Waste Derived Fuel Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N Activity Code: 5.5 A(1) (A) Activity Description: Fuel From Waste; Making Solid Fuel From Waste By Using Heat (Except Charcoal) Primary Activity: Y</p>	A12SE (SE)	40	1	456608 523878

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Northumbrian Water Ltd Location: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Authority: Environment Agency, North East Region Permit Reference: JP3535MB Original Permit Ref: Lp3439k Effective Date: 28th February 2007 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (B) (III) Activity Description: Combustion; Waste Derived Fuel Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y</p>	A12SE (SE)	40	1	456608 523878
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Northumbrian Water Ltd Location: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Authority: Environment Agency, North East Region Permit Reference: MP3836LF Original Permit Ref: Hp3937pn Effective Date: 24th November 2006 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 5.5 A(1) (A) Activity Description: Fuel From Waste; Making Solid Fuel From Waste By Using Heat (Except Charcoal) Primary Activity: Y</p>	A12SE (SE)	40	1	456608 523878
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Northumbrian Water Ltd Location: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Authority: Environment Agency, North East Region Permit Reference: TP3438ME Original Permit Ref: Lp3439k Effective Date: 25th October 2006 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (B) (III) Activity Description: Combustion; Waste Derived Fuel Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y</p>	A12SE (SE)	40	1	456608 523878
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Northumbrian Water Ltd Location: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Authority: Environment Agency, North East Region Permit Reference: Lp3439k Original Permit Ref: Lp3439k Effective Date: 29th September 2006 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y Activity Code: 1.1 A(1) (B) (III) Activity Description: Combustion; Waste Derived Fuel Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N</p>	A12SE (SE)	40	1	456608 523878

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Northumbrian Water Ltd Location: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Authority: Environment Agency, North East Region Permit Reference: FP3532LN Original Permit Ref: Hp3937pn Effective Date: 8th May 2006 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 5.5 A(1) (A) Activity Description: Fuel From Waste; Making Solid Fuel From Waste By Using Heat (Except Charcoal) Primary Activity: Y</p>	A12SE (SE)	40	1	456608 523878
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Northumbrian Water Ltd Location: Bran Sands Regional Sludge Treatment Centre, Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Authority: Environment Agency, North East Region Permit Reference: Hp3937pn Original Permit Ref: Hp3937pn Effective Date: 14th April 2005 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.5 A(1) (A) Activity Description: Fuel From Waste; Making Solid Fuel From Waste By Using Heat (Except Charcoal) Primary Activity: Y</p>	A12SE (SE)	40	1	456608 523878
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Northumbrian Water Ltd Location: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Authority: Environment Agency, North East Region Permit Reference: Bx5379ie Original Permit Ref: Bx5379ie Effective Date: 20th December 2004 Status: Effective Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 4.1 A(1) (A) (I) Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N</p>	A12SE (SE)	40	1	456608 523878
18	<p>Integrated Pollution Prevention And Control</p> <p>Name: Impetus Waste Management Ltd Location: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Authority: Environment Agency, North East Region Permit Reference: Bv8652 Original Permit Ref: Bv8652im Effective Date: Not Supplied Status: Valid Application Type: Not Supplied App. Sub Type: Not Supplied Positional Accuracy: Automatically positioned to the address Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Not Supplied</p>	A12SE (SE)	40	1	456608 523878
19	<p>Integrated Pollution Prevention And Control</p> <p>Name: Kemira Teesport Ltd Location: Teesport, MIDDLESBROUGH, Cleveland, TS6 7SA Authority: Environment Agency, North East Region Permit Reference: LP3831LP Original Permit Ref: Bu5798iw Effective Date: 4th May 2007 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 4.1 A(1) (A) (II) Activity Description: Organic Chemicals; Oxygen Containing Compounds Eg Alcohols Primary Activity: Y</p>	A7NE (S)	466	1	455966 523532

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nearest Surface Water Feature	A15SW (NW)	0	-	455497 524526
20	Pollution Incidents to Controlled Waters Property Type: Chemical industry Location: Tees Estuary, I.C.I. Wilton Authority: Environment Agency, North East Region Pollutant: Chemicals - Other Organic Note: Elevated Total Organic Levels Recorded; Pollution Found; No Fish Killed Incident Date: 8th December 1996 Incident Reference: DD960371 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Saline Estuary Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (SE)	0	1	456105 524005
20	Pollution Incidents to Controlled Waters Property Type: Chemical industry Location: Tees/Dabholme Gut, I.C.I. Wilton Authority: Environment Agency, North East Region Pollutant: Chemicals - Solvents Note: Pollution Found; No Fish Killed Incident Date: 17th July 1996 Incident Reference: DD960250 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Saline Estuary Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (SE)	0	1	456105 524000
20	Pollution Incidents to Controlled Waters Property Type: Chemical industry Location: Tees, I C I Wilton, MIDDLESBROUGH Authority: Environment Agency, North East Region Pollutant: Chemicals - Alkali Note: Fish Killed: No Information; Tees Incident Date: 26th September 1995 Incident Reference: DD950349 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Saline Estuary Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (SE)	0	1	456105 523995
20	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Ici Wilton Authority: Environment Agency, North East Region Pollutant: Unknown Note: Fish Killed: No Information Incident Date: 24th July 1995 Incident Reference: DD950248 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Groundwater Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (SE)	0	1	456100 523995
20	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Ici Wilton Authority: Environment Agency, North East Region Pollutant: Unknown Note: Fish Killed: No Information Incident Date: 31st May 1995 Incident Reference: DD950169 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Pond/Lake Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (SE)	0	1	456100 524000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Ici Wilton Authority: Environment Agency, North East Region Pollutant: Unknown Note: Fish Killed: No Information Incident Date: 22nd May 1995 Incident Reference: DD950153 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Pond/Lake Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (SE)	0	1	456100 524100
21	Pollution Incidents to Controlled Waters Property Type: Chemical industry Location: Ici Wilton Authority: Environment Agency, North East Region Pollutant: Chemicals - Pesticides Note: Fish Killed: No Information; Tees Incident Date: 3rd April 1995 Incident Reference: DD950089 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A12NW (SE)	0	1	456100 524055
22	Substantiated Pollution Incident Register Authority: Environment Agency - North East Region, North East Area Incident Date: 16th May 2007 Incident Reference: 495387 Water Impact: Category 2 - Significant Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Organic Chemicals/Products: Other Organic Chemical Or Product	A12NW (SE)	0	1	456136 524085
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 5 Tyne And Tees Scale: 1:100,000	A14SW (W)	0	1	454851 524464
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 5 Tyne and Tees Scale: 1:100,000	A15SW (NW)	0	1	455436 524553
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 5 Tyne and Tees Scale: 1:100,000	A8SW (S)	0	1	456177 523131
	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 5 Tyne and Tees Scale: 1:100,000	A11NE (S)	0	1	455738 524271
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - Undifferentiated	A11NE (SW)	0	2	455674 524211
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - Undifferentiated	(N)	0	2	455501 525000
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	A10NE (W)	0	2	455000 524271
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	(NW)	0	2	455000 525000
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	A11NE (S)	0	2	455738 524271

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(N)	0	2	455738 525000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(N)	0	2	455738 525000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A11NE (S)	0	2	455738 524271
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	2	455000 525000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A10NE (W)	0	2	455000 524271
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A8SE (SE)	0	2	456518 523214
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A12NW (E)	0	2	456037 524267
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A11NE (S)	0	1	455738 524271
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A12SE (SE)	0	1	456614 523706
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A12NW (E)	0	1	456125 524115
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A8NE (SE)	18	1	456637 523527
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A8NE (SE)	126	1	456473 523574
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A8NE (SE)	160	1	456453 523536
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A11NE (S)	0	1	455738 524271
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
23	Detailed River Network Lines River Type: Secondary River River Name: Dabholm Beck Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	(SE)	0	1	456729 523678

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Detailed River Network Lines River Type: Secondary River River Name: Dabholm Beck Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A12SE (SE)	0	1	456563 523728
25	Detailed River Network Lines River Type: Primary River River Name: Dabholm Cut Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A12NW (SE)	0	1	456123 524021
26	Detailed River Network Lines River Type: Down stream of High Water Mark River Name: Dabholm Cut Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A11NE (E)	0	1	455748 524273
27	Detailed River Network Lines River Type: Down stream of High Water Mark River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: RIVER TEES Name: Water Course: 0109 Reference:	A14NW (NW)	101	1	454747 524800
28	Detailed River Network Lines River Type: Down stream of High Water Mark River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: RIVER TEES Name: Water Course: 0109 Reference:	A14SW (W)	113	1	454709 524517
29	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D013	A11SW (SW)	393	1	455518 523859

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	<p>Historical Landfill Sites</p> <p>Licence Holder: Tees and Hartlepool Port Authority Location: Redcar, Cleveland Name: Teesport Eston Tip Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD05578 First Input Date: 31st December 1977 Last Input Date: 17th September 1993 Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0700/0055 BGS Ref: Not Supplied Other Ref: 0700/CLE/029/3</p>	A12SW (SE)	0	1	456174 523948
31	<p>Historical Landfill Sites</p> <p>Licence Holder: Shell (UK) Limited Location: Sludge Farm Teesport Refinery, Redcar, Cleveland Name: Bells Containers Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD05579 First Input Date: Not Supplied Last Input Date: 1st September 1987 Specified Waste Type: Deposited Waste included Liquid Sludge EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 0700/CLE/102</p>	A10NE (W)	118	1	455319 524248
32	<p>Integrated Pollution Control Registered Waste Sites</p> <p>Name: Northumbrian Water Ltd Location: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, Ts6 6ue Authority: Environment Agency, North East Region Permit Reference: B11070 Dated: 18th May 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 5.3 A The production of Fuel from Waste within the Waste Disposal Industry Status: Revoked - Now IPPC Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	151	1	456210 524290
32	<p>Integrated Pollution Control Registered Waste Sites</p> <p>Name: Northumbrian Water Ltd Location: Bran Sands, Tees Dock Road, MIDDLESBROUGH, Cleveland, TS6 6UE Authority: Environment Agency, North East Region Permit Reference: Bk0868 Dated: 14th December 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 5.3 A The production of Fuel from Waste within the Waste Disposal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Located by supplier to within 100m</p>	A12NW (E)	151	1	456210 524290
33	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Bran Sands Licence Number: 60092 Location: Land/ Premises At, Bran Sands, Redcar, Cleveland, TS6 6UE Licence Holder: I C I Chemicals & Polymers Ltd Authority: Environment Agency - North East Region, North East Area Site Category: Other Landfill Sites Taking Special Waste Max Input Rate: Not Supplied Licence Status: Modified Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	A15SE (NE)	0	1	455772 524315

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 103411 Location: Hall Construction Teesport Landfill, Off Teesport Road, Teesdock, Nr Grangetown, Middlesbrough, Cleveland, TS6 6UD Operator Name: Hall Construction Services Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Use of waste in construction <100,000 tps Licence Status: Issued Issued: 28th November 2011 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Approximate location provided by supplier</p>	A12NW (SE)	38	1	456000 524000
35	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 60146 Location: Waste Treatment Centre, Bran Sands, Redcar, Cleveland, TS6 6UE Operator Name: Northumbrian Water Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Treatment - Biological Licence Status: Issued Issued: 12th September 1997 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 10m</p>	A12SE (SE)	40	1	456608 523878
36	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 66183 Location: Bran Sands, Wilton Works, Middlesbrough, Cleveland, TS6 6UE Operator Name: Impetus Waste Management Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Material Recycling Treatment Facilities Licence Status: Surrendered Issued: 28th December 2005 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 3rd November 2008 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A15SE (N)	147	1	455800 524500
	<p>Local Authority Landfill Coverage</p> <p>Name: Redcar and Cleveland Unitary Council - Has no landfill data to supply</p>		0	5	455738 524271
	<p>Local Authority Landfill Coverage</p> <p>Name: Stockton On Tees Unitary Council - Has supplied landfill data</p>		216	6	454596 524534

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	<p>Registered Landfill Sites</p> <p>Licence Holder: I.C.I. Chemicals & Polymers Ltd Licence Reference: CLE 24/9 Site Location: Bran Sands Waste Disposal Site, Wilton Works, Middlesbrough, Cleveland Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: PO.Box 90, Wilton, MIDDLESBROUGH, Cleveland, TS6 8JE Authority: Environment Agency - North East Region, Dales Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Operational as far as is knownOperational Dated: 1st July 1988 Preceded By: CLE 24/2 Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste Alkalis All Inorganic Compounds Asbestos Canteen Waste Commercial Waste Construction Ind. Wastes Contaminated Materials \$ Fuels, Oils, Greases Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Potentially Combustible Interceptor Waste, Tar, Paint Etc \$ Maximum Waste Specified In Lic. Metal Oxides Metals As Trace Contam.Of Group J Miscellaneous Chemical Waste Miscellaneous Wastes Non-Toxic Metal Compounds Organic Acids + Related Cmpds Organic Compounds Other Inorganic Materials Polymeric Materials And Precursors Toxic Metal Compounds Prohibited Waste Arsenates & Arsenites Fellmongers Waste Ferro And Ferri Cyanides Fluorides Etc \$ Hypochlorites And Chlorites Inorganic Peroxides Liable To Cause Environmental Hazards Organic Peroxides Other Halogenated Organics Pcb'S And Analogues Sodium/Potassium Cyanides Soluble Complex Cyanides Sulphides, Selen'S, Tell'S, Arsen'S \$ Tannery Waste Tetra Ethyl Lead Tetra Methyl Lead Waste N.O.S. Waste React.W/Water -Airborne Hazard Wastes Likely To Cause Odour Emission</p>	A15SE (NE)	0	1	455754 524302

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	<p>Registered Landfill Sites</p> <p>Licence Holder: Tees & Hartlepool Port Authority Licence Reference: CLE 29/3 Site Location: Area Near Teesport Authority Boundary, (E. Of Eston Sewer & Sw Of Debholm Beck), Eston, Middlesbrough, Cleveland Licence Easting: 456300 Licence Northing: 523800 Operator Location: Erimus House, Queens Square, Middlesbrough, Cleveland, Ts2 1aa Authority: Environment Agency - North East Region, Dales Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence known to be surrenderedSurrendered Dated: 5th July 1979 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Construction And Demolition Wastes Road Sweepings/Litter Slag, Boiler/Flue Cleanings</p>	A12SW (SE)	70	1	456300 523800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	<p>Registered Landfill Sites</p> <p>Licence Holder: I.C.I. Petrochemicals Div Licence Reference: CLE 24/2 Site Location: Bran Sands Tip, Wilton Works, Middlesbrough, Cleveland Licence Easting: 455800 Licence Northing: 524500 Operator Location: PO.Box 90, Wilton, MIDDLESBROUGH, Cleveland, TS6 8JE Authority: Environment Agency - North East Region, Dales Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Record supersededSuperseded Dated: 31st October 1980 Preceded By: Not Given Licence: Superseded By: CLE 24/9 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste</p> <ul style="list-style-type: none"> Acid Tars Acid Tars With Oxygen Containing Compounds Alcohols Aliphatic Acids \$ Aliphatic Hydrocarbs+Peroxide+Other Me Amines And Amides Aromatic Acids \$ Aromatic Acids & Alcohols Aromatic Hydrocarbons Asbestos Containing Material Barium Salts (With Non-Toxic Metals) Calcium Hydroxide Chlorinated Phenols/Analogues Construction And Demolition Wastes Contaminated Rubbish/Bags/Sacks Detergents Distillation Residues With Aromatic Hydrocarbons Distillation Residues With Esters Distillation Residues With Nitriles Distillation Residues With Oxygen Containing Compounds Distillation Residues With Phenol Derivatives Dyestuffs Waste Empty Used Containers Esters Ferrous Metal Scrap Filter Material Etc. With Other Contam. Filter Material Etc. With Phenols Etc Filter Material Etc. Contam. With Nickle Filter Material Etc. Contam. With Vanadium Finished Prod.Scrap+Aliphatic Hydrocar Fuel Oil Fuel Oil Contaminated With Vanadium Compounds General Factory Waste(Inc. Sweepings) Hazardous Metal Oxides Household Waste Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Potentially Combustible Industrial Effluent Treatment Sludge Inorganic Compounds Interceptor Pit Waste Contam. With Hydrocarbons Interceptor Pit Waste Contam. With Oil/Water Mixtures Ion Exchange Resin With Phenolic Contamination Ion-Exchange Resin Wastes Latex, Latex/Rubber Sol'Ns/Susp'Ns Mineral Oils Mineral Oils Contam. Peroxides+Aliphatic Hydrocarbons Mineral Oils Contam. With Aliphatic Hydrocarbons Mixed Metal Oxides Mixed Organic & Inorganic Compounds Mixed Organic Compounds Nitrates Nitriles Nitrites Oil Water Mixture And Polymer Scrap Oil/Water Mixtures Organic Acids (Mixtures) Organic Compounds Organic Nitrogen Compounds Organosulphur Cmpds Other Inorganic & Organic Acids Other Inorganic Acids Other Inorganic Materials Other Metal Oxides Other Organic Compounds Other Polymeric With Sulphuric Acid 	A15SE (N)	147	1	455800 524500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Paint Waste \$ Phenols, Analogues/Derivatives Phosphoric Acid Polyester Resins With Hydrocarbons Polymeric Material, Products/Scrap Polymeric Materials And Precursors Rubbish Contam. With Copper & Vanadium Rubbish Contam. With Hydrocarbons Rubbish Contam. With Mercury Rubbish Contam. With Metal Oxides Rubbish Contam. With Oil & Water Rubbish Contam. With Phenols Scrap Rubber (Including Tyres) Silt Etc. Contam.With Mercury Silt Etc. Contam.With Metal Compounds Silt Etc. Contam.With Phenols+Fuel Oil Slag Etc. Contam.With Nitriles Slag Etc. Contam.With Copper Compounds Slag Etc. Contam.With Vanadium Compounds Sodium Hydroxide Liquor Sulphonic Acids Synthetic Adhesive Wastes Tank Cleaning Sludge \$ Tar Pitch Etc With Amines&Amides Tar Pitch Etc With Nitriles Titanium Salts Toxic Metal Compounds Vegetable And Other Oils Water Contam. With Detergents				
40	Registered Landfill Sites Licence Holder: Shell Uk Oil Ltd Licence Reference: CLE 102 Site Location: Teesport Refinery, Grangetown, Middlesbrough, Cleveland Licence Easting: 455200 Licence Northing: 524100 Operator Location: As Site Address Authority: Environment Agency - North East Region, Dales Area Site Category: Landfill - Sludge land farm Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: Only waste produced on site Restrictions: Status: Licence known to be surrenderedSurrendered Dated: 14th May 1981 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Oil/Water Mixtures	A10NE (W)	334	1	455200 524100
41	Registered Waste Treatment or Disposal Sites Licence Holder: Northumbrian Water Auth. Licence Reference: CLE 406 Site Location: Bran Sands Waste Disposal Site, Wilton Works, Middlesbrough, Cleveland Operator Location: Northumbrian House, Regent Centre, Gosforth, Newcastle Upon Tyne, Tyne And Wear Authority: Environment Agency - North East Region, Dales Area Site Category: Treatment - Biological Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 20th February 2001 Preceded By: CLE 406/1 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Aqueous Waste - Divered By Pipeline Aqueous Waste - Divered By Road Tanker Max.Waste Permitted By Licence Prohibited Waste: Organic Peroxides Other Halogenated Organics Pcb's And Analogues Spec.Waste (Epa'90:S62/1996 Regs) Substances Of Poisonous Nature Waste N.O.S.	A12NE (E)	92	1	456500 524000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: Northumbrian Water Ltd Licence Reference: CLE 406/1 Site Location: Bran Sands Waste Disposal Site, Wilton, Redcar, Cleveland Operator Location: Northumbria House, Regent Centre, Gosforth, NEWCASTLE UPON TYNE, Tyne and Wear, NE3 3PX Authority: Environment Agency - North East Region, Dales Area Site Category: Treatment - Biological Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record supersededSuperseded Dated: 9th December 1997 Preceded By: Not Given Licence: Superseded By: CLE 406 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Aqueous Waste Biodegradable Liquid Waste Max.Waste Permitted By Licence Prohibited Waste: Organic Peroxides Other Halogenated Organics Pcb's And Analogues Spec.Waste (Epa'90:S62/1996 Regs) Substances Of Poisonous Nature Waste N.O.S.</p>	A12NE (E)	92	1	456500 524000
42	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: Seal Sands Storage Ltd Licence Reference: CLE 204/2 Site Location: Seal Sands Storage Ltd, Seal Sands, MIDDLESBROUGH, Cleveland, TS1 1UB Operator Location: As Site Address Authority: Environment Agency - North East Region, Dales Area Site Category: Storage Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Operational as far as is knownOperational Dated: 23rd May 1994 Preceded By: CLE 204/2 Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Adiponitrile Max.Stor Adiponitrile Blowdown Tars Max.Stor Lab'Y Halogenated Solvents Max.Stor Lab'Y Hydrocarbon Solvents Max.Stor Lab'Y Hydrocarbon Solvents Max.Stor Max.Storage In Licence Max.Waste Permitted By Licence Methanol Max.Stor Mixed Amines Max.Stor Mixed Inorganic Waste Max.Stor Mixed Organic Waste Max.Stor Phenolic Waste Max.Stor Resins Resins Max.Stor Waste Aniline Waste Aniline Max.Stor Prohibited Waste: Organic Peroxides Other Halog.Organics Eg Chlor.Dioxins Pcb'S And Analogues Waste N.O.S.</p>	A13NE (W)	439	1	454419 524813

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic mudstones (including Keuper Marl, Dolomitic Conglomerate and Rhaetic)	A11NE (S)	0	2	455738 524271
	BGS 1:625,000 Solid Geology Description: Lower Lias	A11NE (E)	0	2	455873 524250
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8SE (SE)	0	3	456518 523214
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	(SE)	0	3	456771 523568
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NW (SE)	0	3	456035 524000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NW (E)	0	3	456037 524267
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14SE (W)	0	3	455245 524390

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: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (NW)	0	3	455254 524515
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 150 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11NW (SW)	0	3	455599 524169
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11NE (S)	0	3	455738 524271
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 150 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A10NE (W)	0	3	455000 524271
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 150 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (NW)	0	3	455268 524896
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11NE (SW)	0	3	455674 524211

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: RuSoilExAs</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A12NW (E)	0	3	456000 524271
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: RuSoilExAs</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SE (W)	0	3	455000 524536
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: RuSoilExAs</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14NE (NW)	0	3	455189 524764
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: RuSoilExAs</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A12NW (SE)	21	3	456000 524000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: RuSoilExAs</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A11NE (S)	38	3	455830 524000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: RuSoilExAs</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14NE (NW)	62	3	455226 524785

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: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11NE (S)	120	3	455738 524000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 150 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11NE (S)	170	3	455724 524000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (SE)	239	3	456000 523772
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SW (SE)	265	3	456032 523724
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (S)	300	3	456145 523000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 150 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (S)	409	3	456000 523577

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: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 150 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (S)	458	3	456030 523505
	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				
	Mining Instability Mining Evidence: Inconclusive Evaporites Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A8NE (SE)	0	-	456500 523500
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (S)	0	2	455738 524271
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8SW (SE)	0	2	456241 523102
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14SE (W)	0	2	455245 524390
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14SE (W)	0	2	455000 524536
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14NE (NW)	0	2	455226 524785
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	2	455000 524271
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SE)	0	2	456771 523568
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14SE (NW)	0	2	455258 524544
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14NE (NW)	0	2	455000 524687
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14NE (NW)	0	2	455081 524673
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A14NW (NW)	0	2	454981 524679
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	2	455739 524274
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14NE (NW)	0	2	455000 524730

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	2	455000 524271
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (S)	0	2	455738 524271
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A8NE (SE)	0	2	456611 523283
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(SE)	69	2	456707 523473
	Potential for Ground Dissolution Stability Hazards No Hazard				
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	2	455000 524271
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (S)	0	2	455738 524271
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(SE)	0	2	456771 523568
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14NE (NW)	0	2	455000 524730
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	2	455000 524271
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (S)	0	2	455738 524271
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(SE)	0	2	456771 523568
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	2	455739 524274
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A14NW (NW)	0	2	454981 524679
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (SE)	0	2	456611 523283
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14SE (NW)	0	2	455258 524544
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14NE (NW)	0	2	455000 524687
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14NE (NW)	0	2	455081 524673
	Potential for Running Sand Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	(SE)	69	2	456707 523473
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SE)	0	2	456771 523568
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	2	455000 524271

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (S)	0	2	455738 524271
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A14SE (NW)	0	2	455255 524515
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A8SW (SE)	0	2	456241 523102
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A14NE (NW)	62	2	455226 524785
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	2	455000 524271
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11NE (S)	0	2	455738 524271
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	2	455000 524271
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A11NE (S)	0	2	455738 524271

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	Contemporary Trade Directory Entries Name: Aker Kvaerner Location: Bran Sands, Tees Dock Rd, Middlesbrough, Cleveland, TS6 6UE Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12SE (SE)	40	-	456608 523878













Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Stockton-on-Tees Borough Council - Environmental Health Department Redcar and Cleveland Borough Council - Development Department	April 2013 January 2013	Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North East Region	October 2013	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - North East Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - North East Region	October 2013	Quarterly
Local Authority Integrated Pollution Prevention And Control Redcar and Cleveland Borough Council - Environmental Health Department Stockton-on-Tees Borough Council - Environmental Health Department	May 2012 November 2012	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Redcar and Cleveland Borough Council - Environmental Health Department Stockton-on-Tees Borough Council - Environmental Health Department	April 2013 November 2012	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Redcar and Cleveland Borough Council - Environmental Health Department Stockton-on-Tees Borough Council - Environmental Health Department	April 2013 November 2012	Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North East Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - North East Region	March 2013	As notified
Registered Radioactive Substances Environment Agency - North East Region	October 2013	Quarterly
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 - North East Region - Dales Area Environment Agency - North East Region - North East Area	October 2013 October 2013	Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	October 2013	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	October 2013	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually

Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	October 2013	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2013	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2013	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	August 2013	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2013	Quarterly
Flood Defences Environment Agency - Head Office	August 2013	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	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 - North East Region - Dales Area Environment Agency - North East Region - North East Area Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area	October 2013 October 2013 October 2013 October 2013 October 2013 October 2013	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area	October 2013 October 2013 October 2013 October 2013 October 2013 October 2013	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area	July 2013 July 2013	Quarterly Quarterly
Local Authority Landfill Coverage Redcar and Cleveland Borough Council Stockton-on-Tees Borough Council - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Redcar and Cleveland Borough Council Stockton-on-Tees Borough Council - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - North East Region - Dales Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Dales Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Dales Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	August 2013	Bi-Annually
Explosive Sites Health and Safety Executive	November 2013	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Redcar and Cleveland Borough Council - Planning Department Stockton-on-Tees Borough Council	August 2012 December 2012	Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Redcar and Cleveland Borough Council - Planning Department Stockton-on-Tees Borough Council	August 2012 December 2012	Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2013	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2012	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	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
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	August 2013	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2013	Quarterly

Sensitive Land Use	Version	Update Cycle
Areas of Outstanding Natural Beauty Natural England	July 2013	Bi-Annually
Environmentally Sensitive Areas Natural England	July 2013	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	July 2013	Bi-Annually
Marine Nature Reserves Natural England	July 2013	Bi-Annually
National Nature Reserves Natural England	July 2013	Bi-Annually
National Parks Natural England	July 2013	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2013	Annually
Ramsar Sites Natural England	July 2013	Bi-Annually
Sites of Special Scientific Interest Natural England	July 2013	Bi-Annually
Special Areas of Conservation Natural England	July 2013	Bi-Annually
Special Protection Areas Natural England	July 2013	Bi-Annually

A selection of organisations who provide data within this report

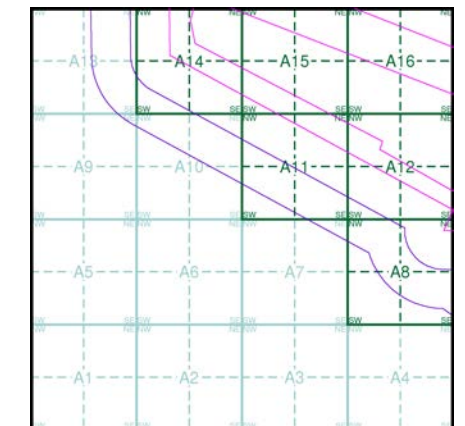
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Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <p>British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Centre for Ecology and Hydrology	 <p>Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Countryside Council for Wales	 <p>CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES</p>
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
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	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
4	Natural England Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
5	Redcar and Cleveland Borough Council Town Hall, Fabian Road, South Bank, Middlesbrough, Cleveland, TS6 9AR	Telephone: 01642 444000 Website: www.redcar-cleveland.gov.uk
6	Stockton-on-Tees Borough Council - Environmental Health Department Municipal Buildings, 16 Church Road, Stockton-on-tees, Cleveland, TS18 1XD	Telephone: 01642 393939 Fax: 01642 391156 Website: www.stockton-bc.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention and 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
- 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
 - 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
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Slice A

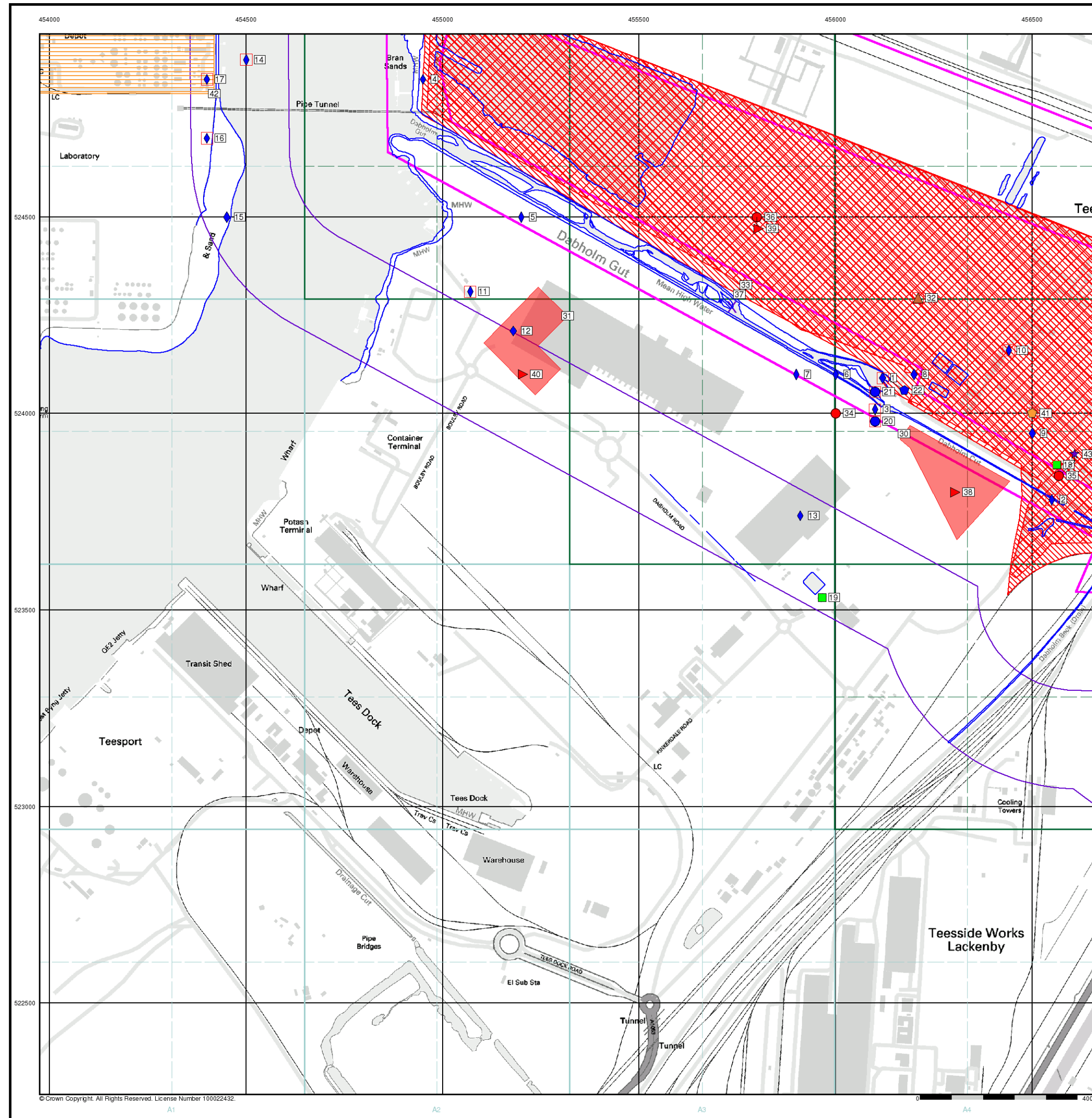


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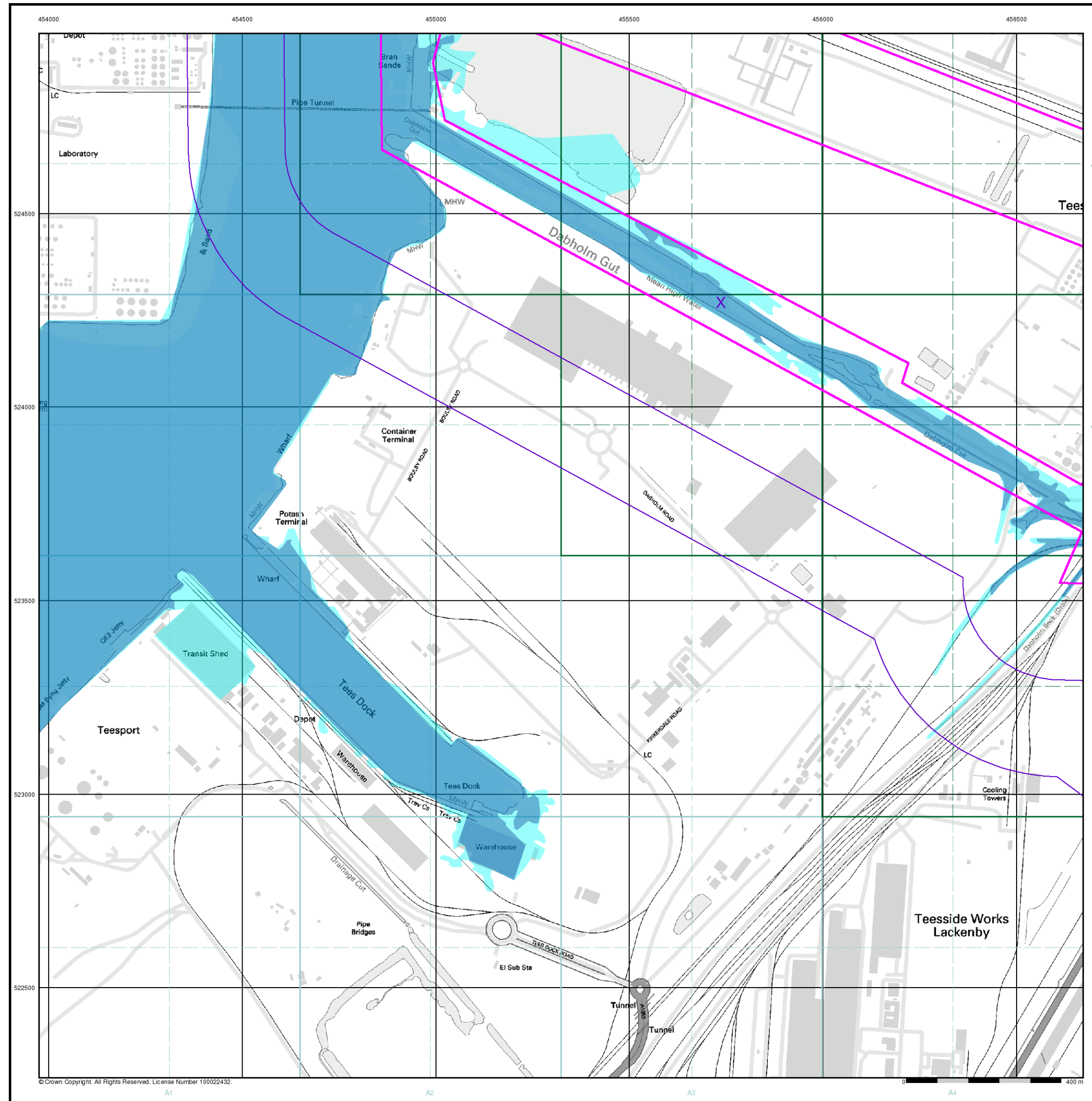
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 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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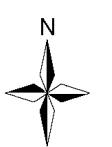
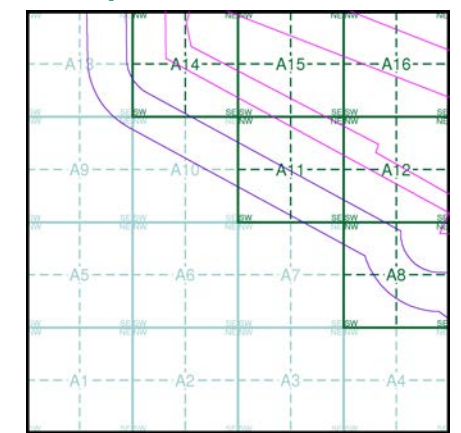
General

- 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: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland

General

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

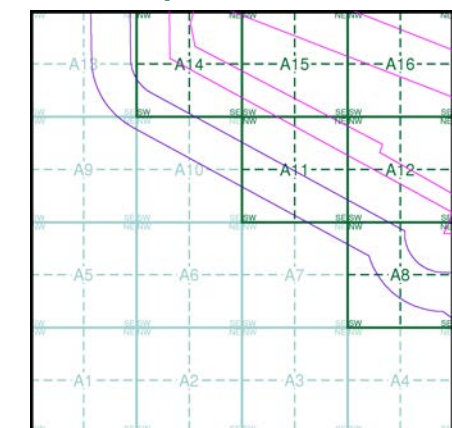
Agency and Hydrological (Boreholes)

- 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

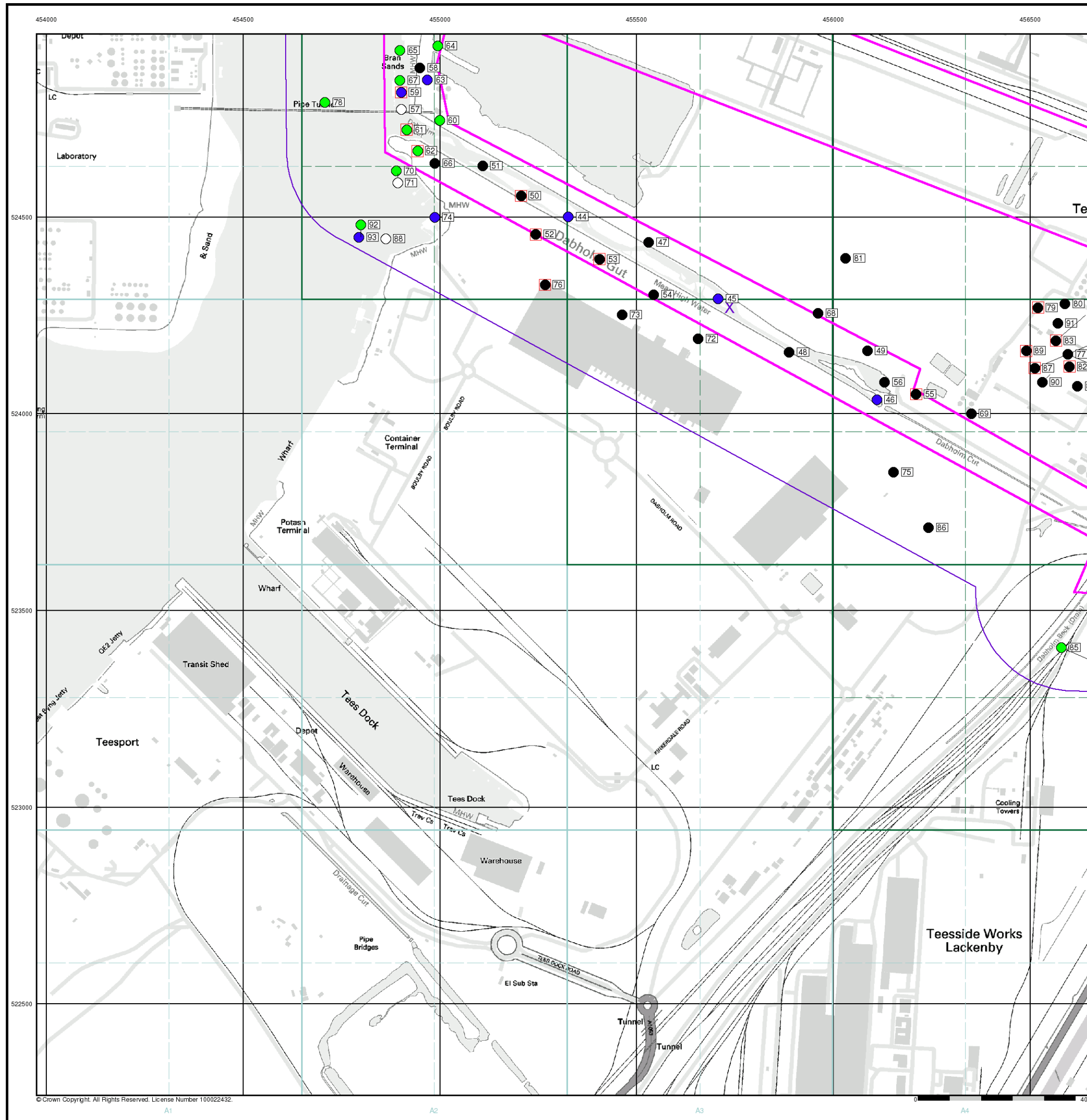


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



General

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

EA Detailed River Network Data

- | | |
|--------------------------|-------------------------------------|
| Primary River | Extended Culvert (greater than 50m) |
| Secondary River | Underground River (inferred) |
| Tertiary River | Underground River (local knowledge) |
| Canal | Downstream of High Water Mark |
| Canal Tunnel | Downstream of Seaward Extension |
| Undefined River | Not assigned River feature |
| Lake/Reservoir | |
| Offline Drainage Feature | |

Contours (height in metres)

- Standard Contour 105 *167.3 Spot Height
- Index Contour 100 *45.8 Air Height

EA Detailed River Network Map - Slice A

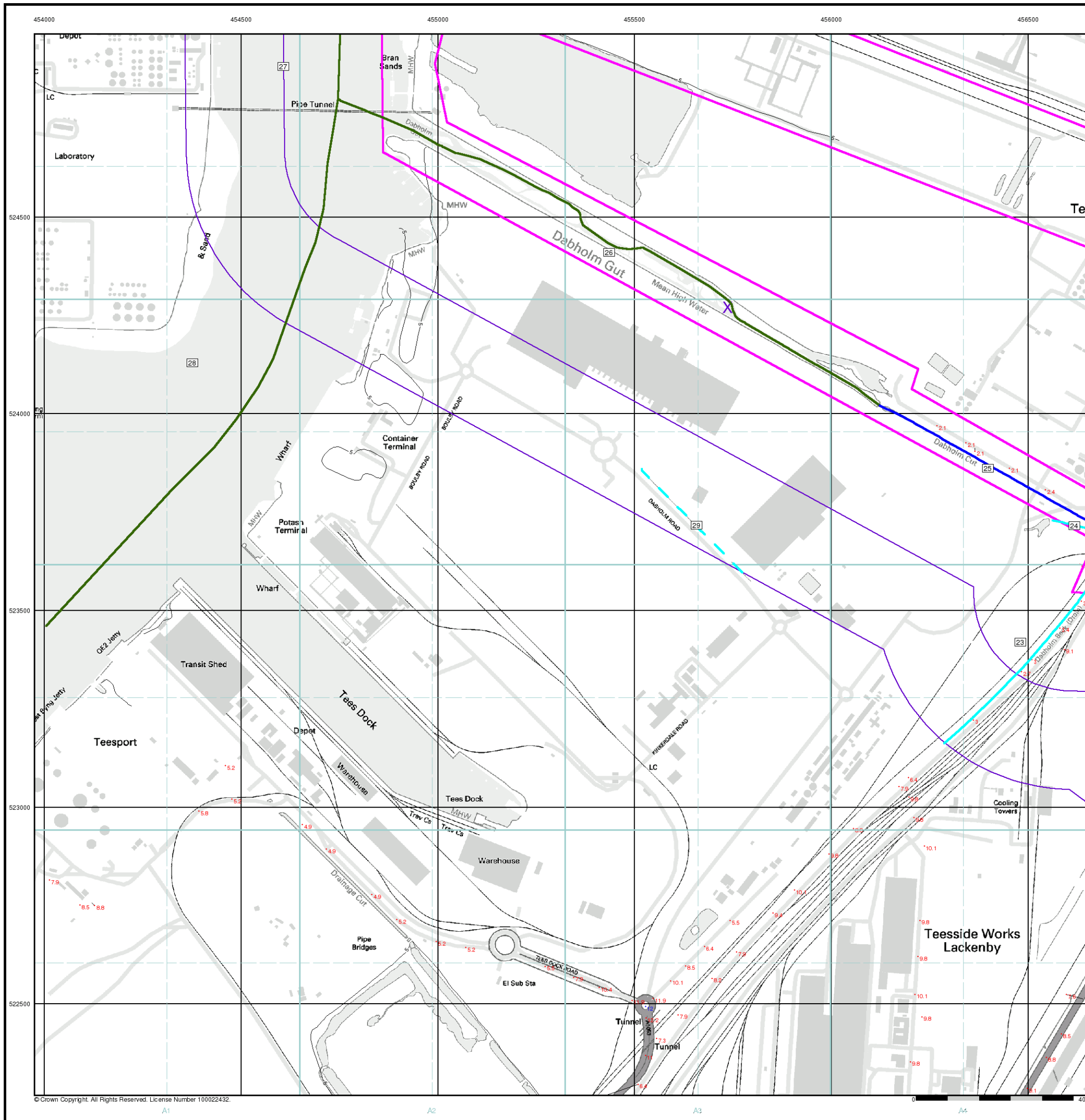


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



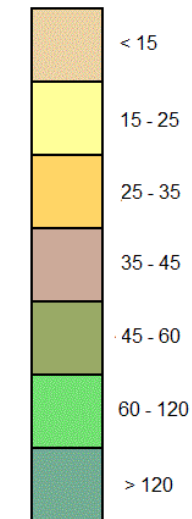
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General

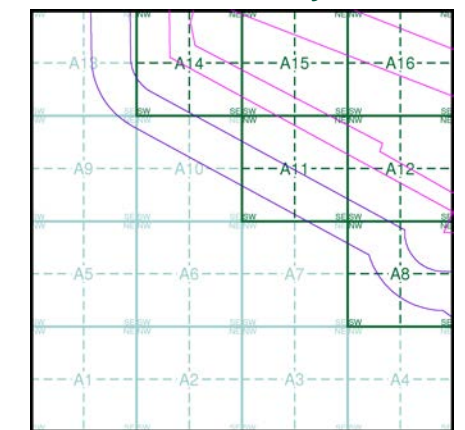
✱ Specified Site
 ○ Specified Buffer(s)
 ✕ Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

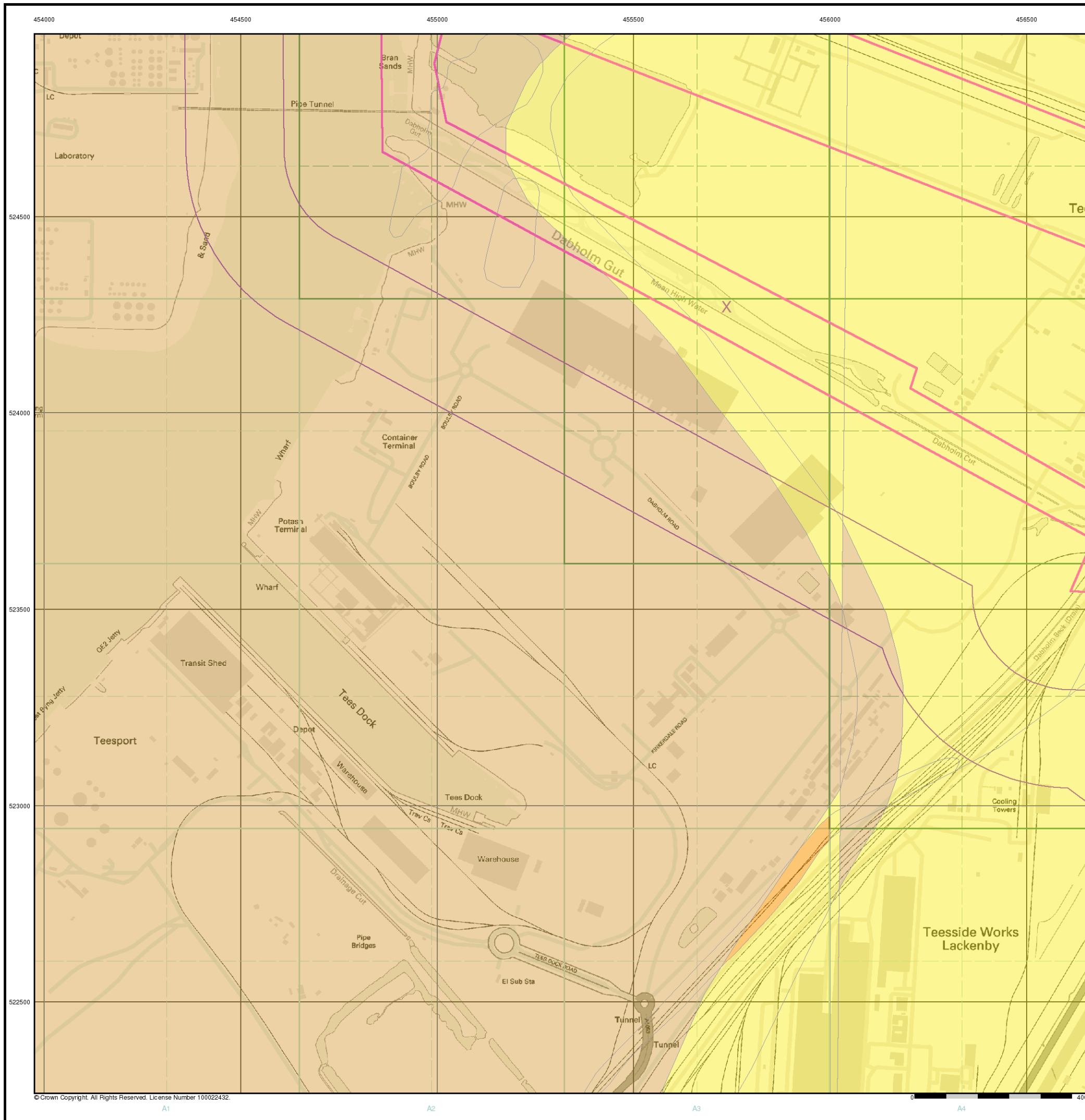


Order Details

Order Details: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



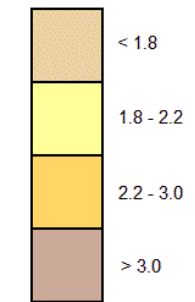
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General

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

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



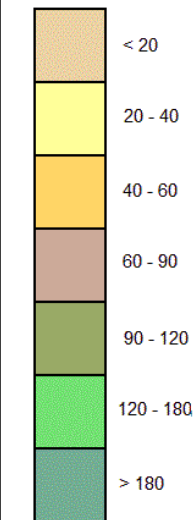
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General

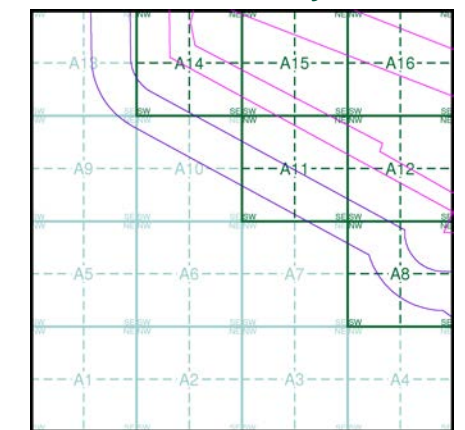
✱ Specified Site
 ○ Specified Buffer(s)
 ✕ Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

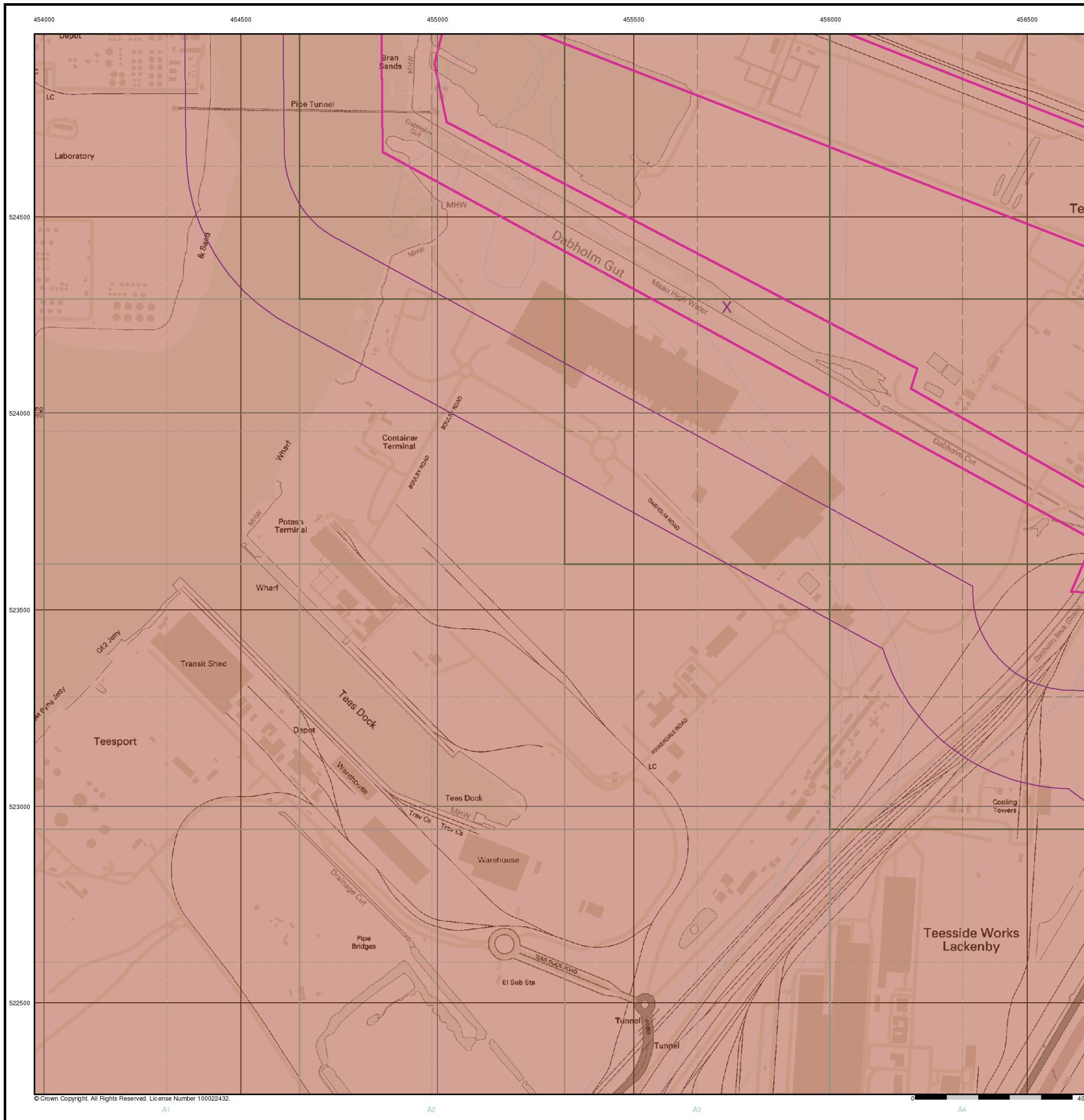


Order Details

Order Details: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland

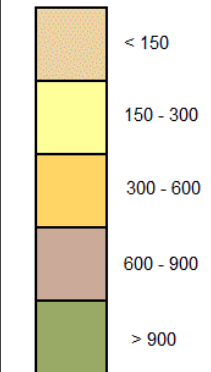


General

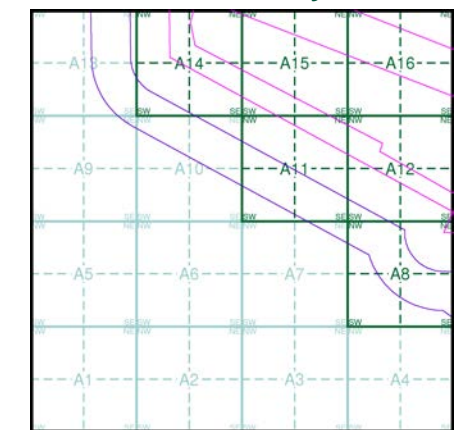
✱ Specified Site
 ○ Specified Buffer(s)
 ✕ Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

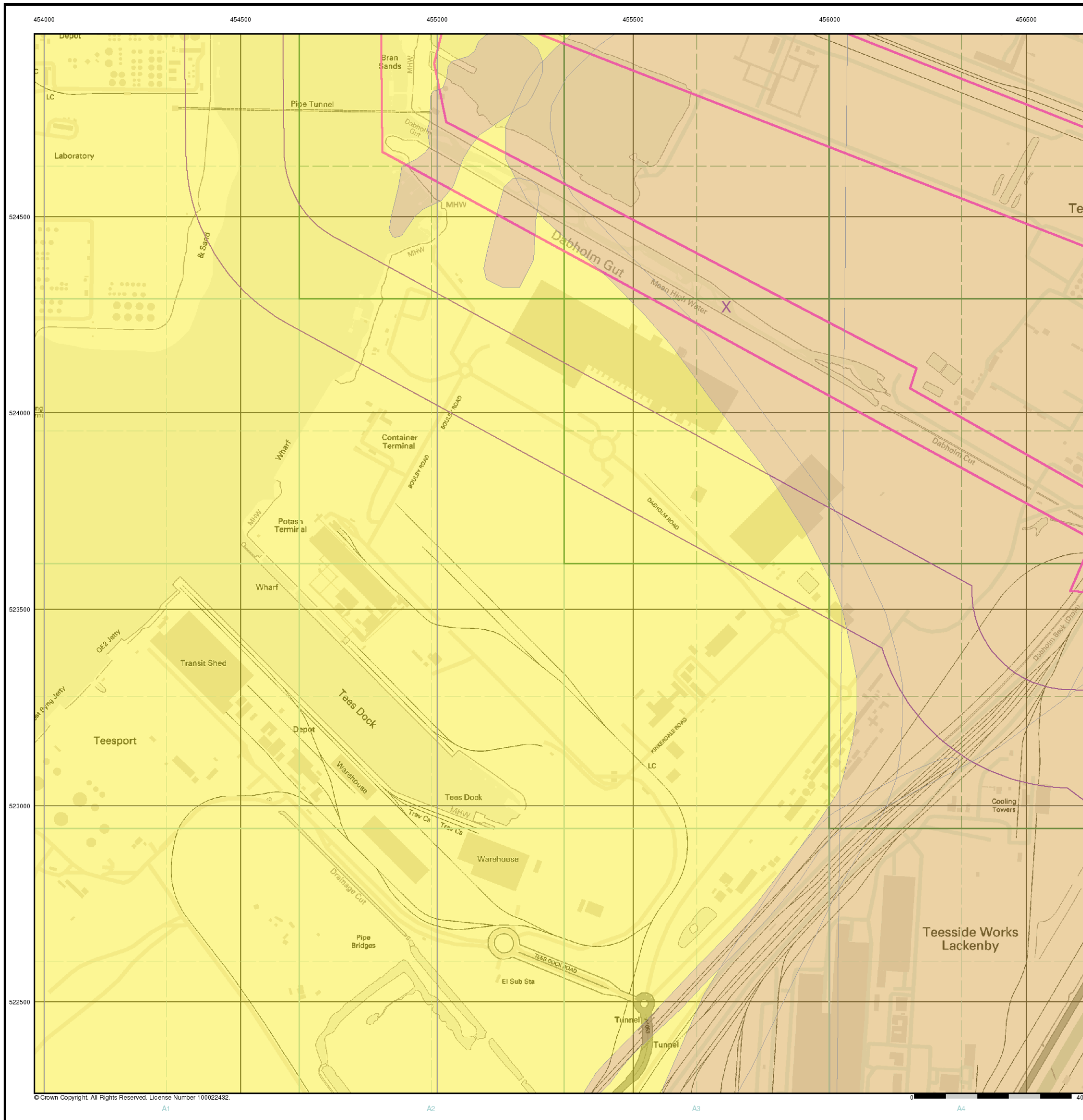


Order Details

Order Details: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



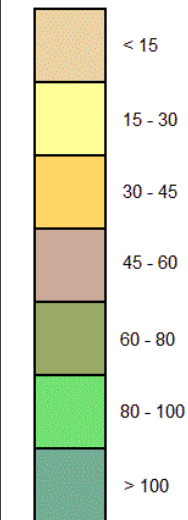
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General

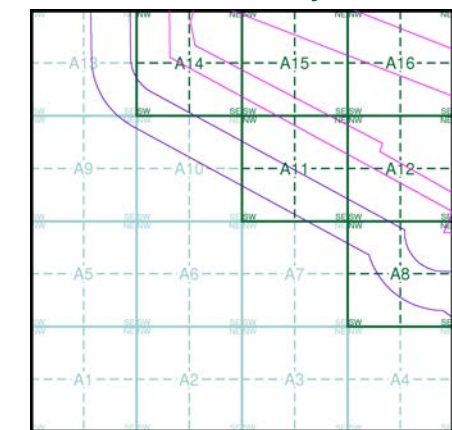
- ⬮ Specified Site
- ⬮ Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A

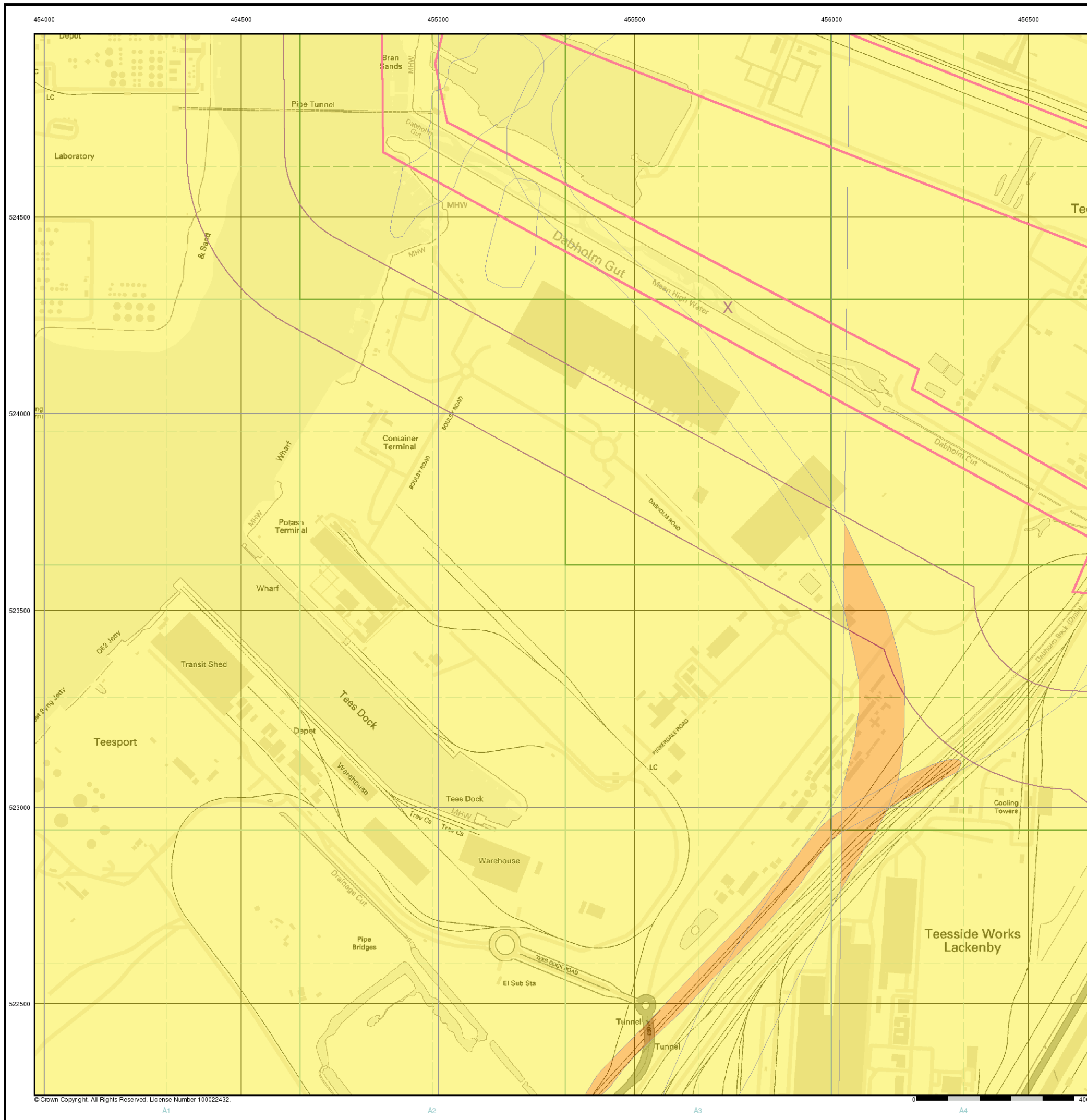


Order Details

Order Details: 51235247_1_1
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 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

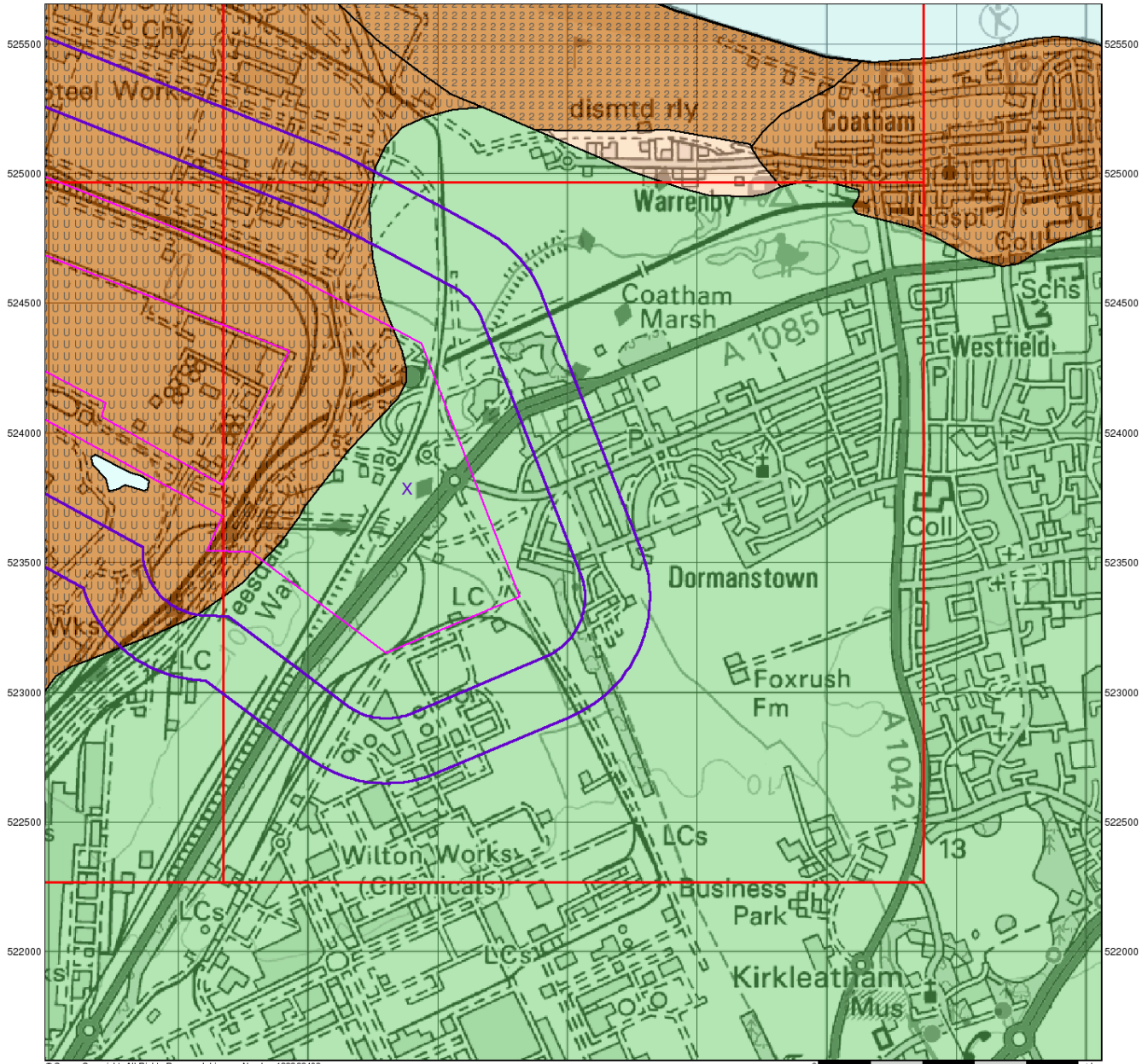
Site at, Bran Sands, Redcar & Cleveland



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456000 456500 457000 457500 458000 458500 459000 459500 460000



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0 1 km



Groundwater Vulnerability

General

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

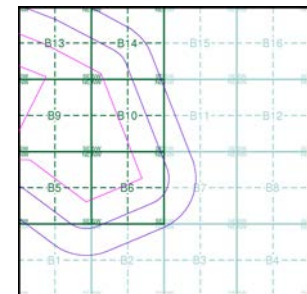
Agency and Hydrological

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 B



Order Details

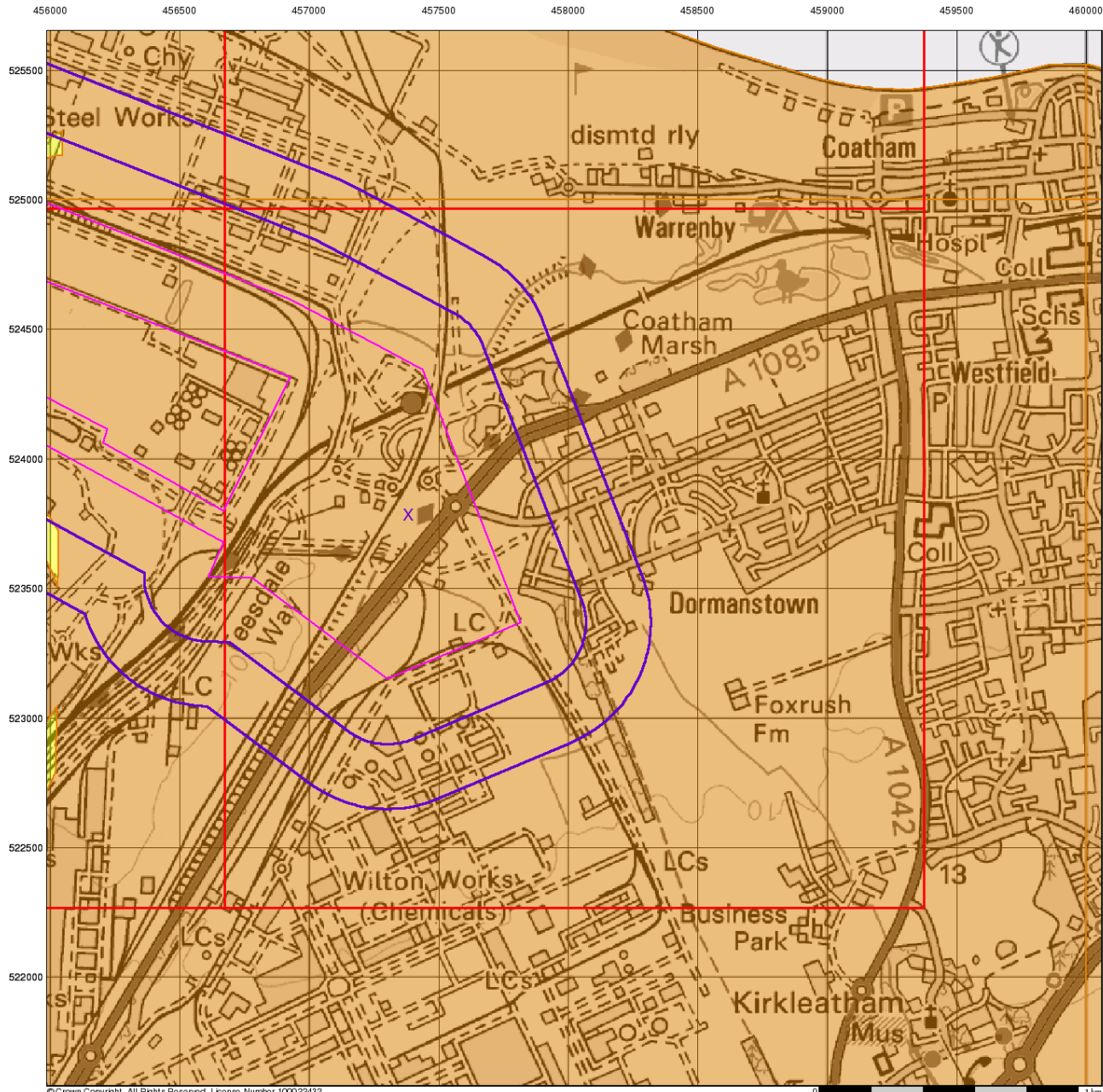
Order Number: 51235247_1.1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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0 1 km



Bedrock Aquifer Designation

General

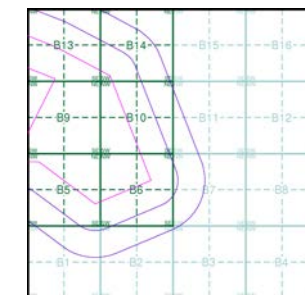
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice B



Order Details

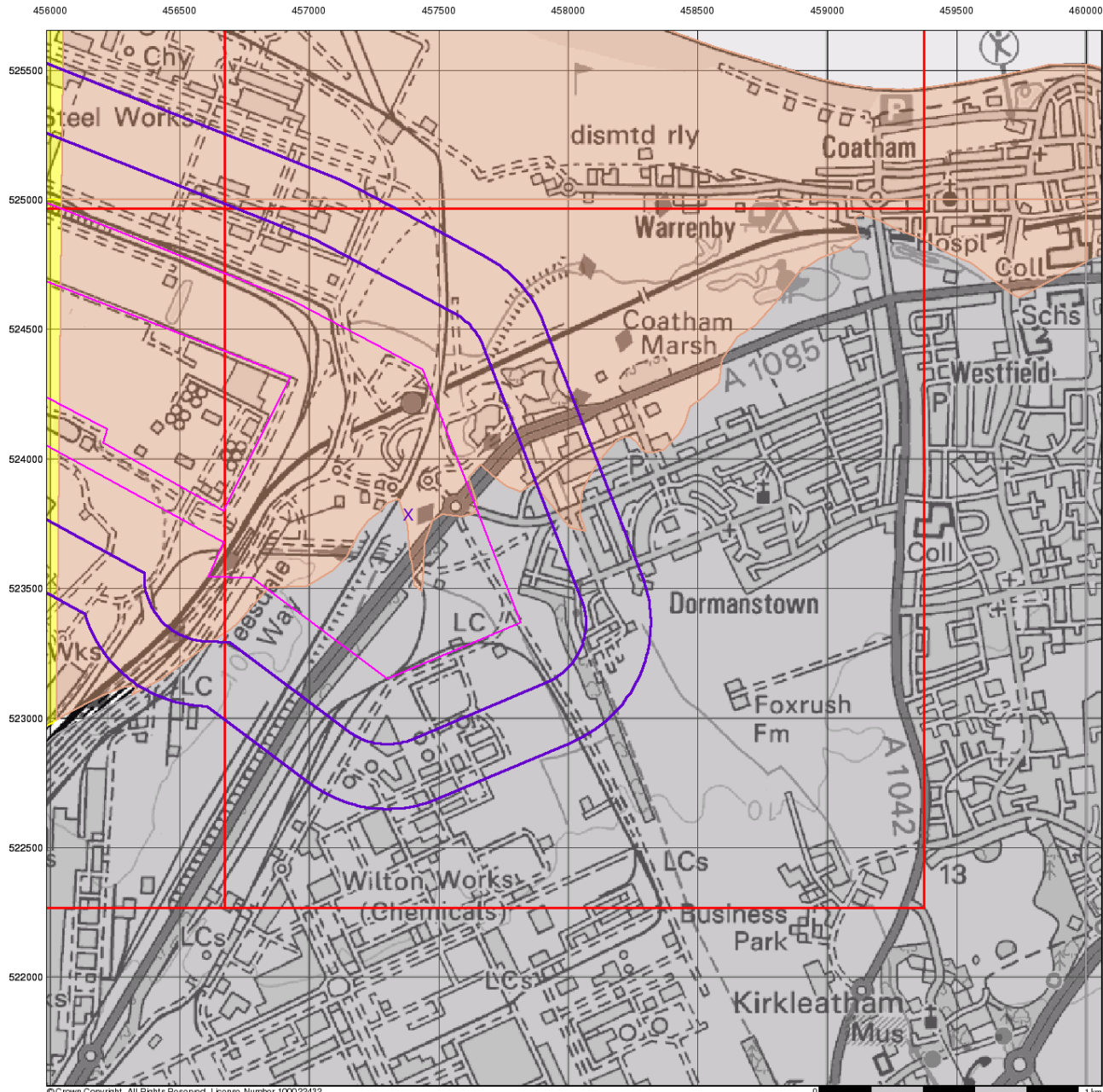
Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

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0 1 km



Superficial Aquifer Designation

General

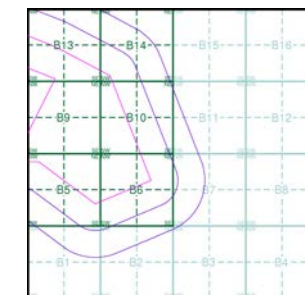
- Specified Site
- Specified Buffer(s)
- Slice
- Bearing Reference Point
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice B



Order Details

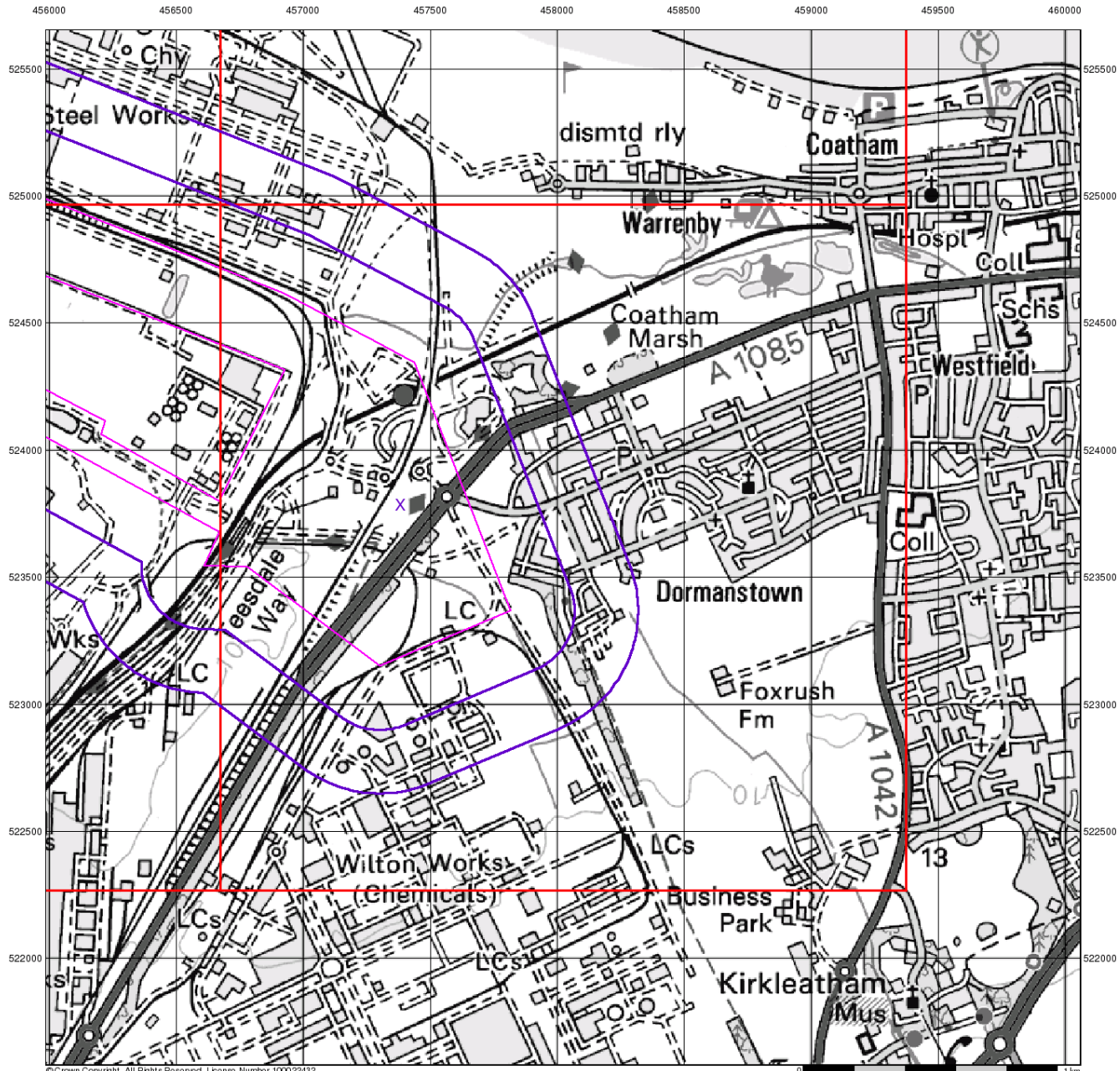
Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

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Source Protection Zones

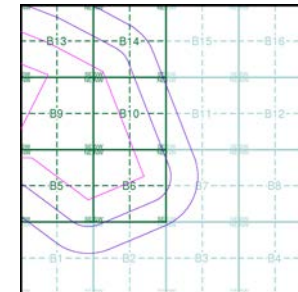
General

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

Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice B



Order Details

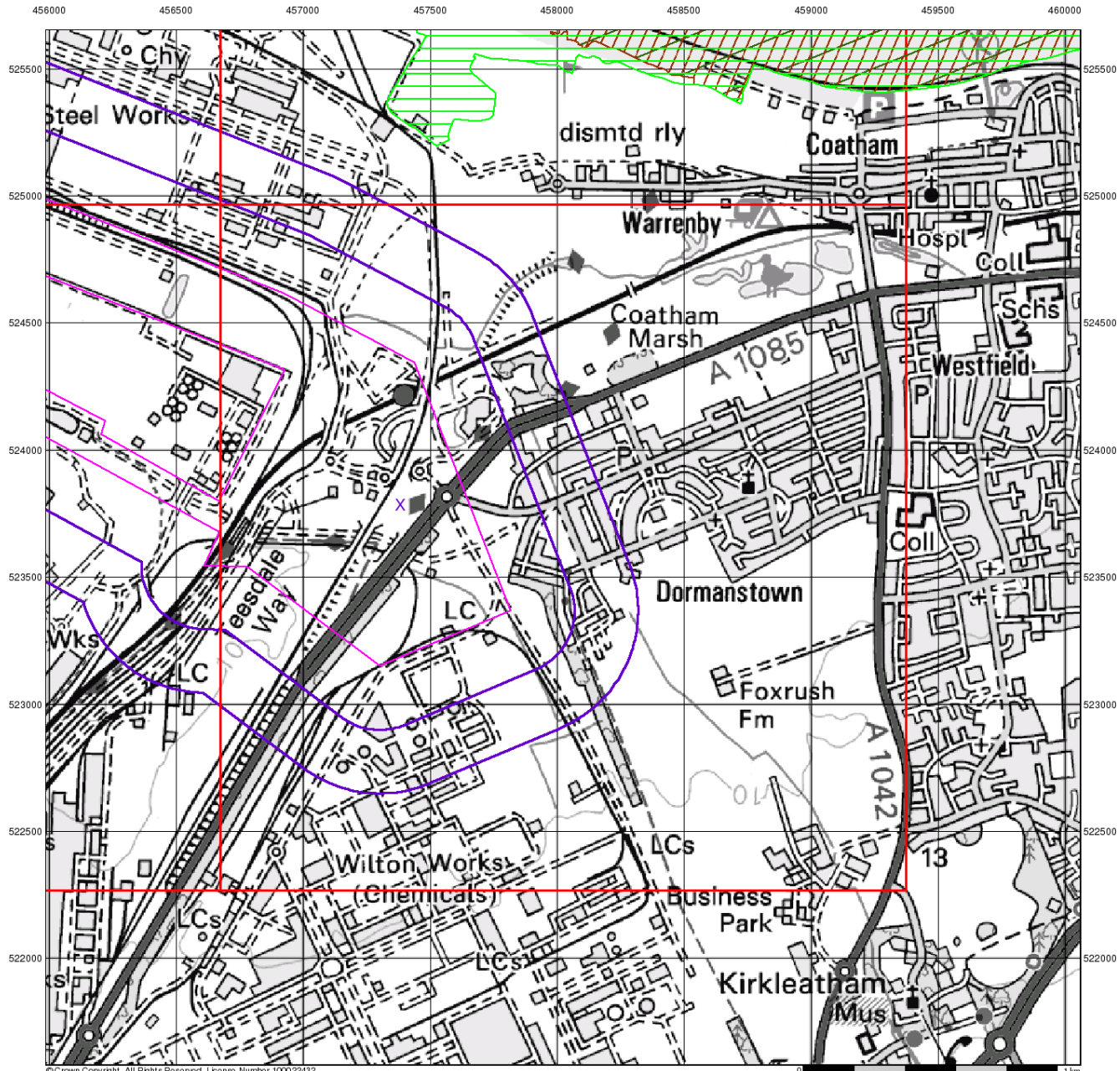
Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

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Sensitive Land Uses

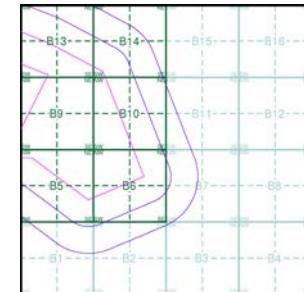
General

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

Sensitive Land Uses

-  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

Site Sensitivity Context Map - Slice B



Order Details

Order Number: 51235247_1.1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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 Web: www.envirocheck.co.uk

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

51235247_1_1

Customer Reference:

9Y0989-105-100

National Grid Reference:

457380, 523790

Slice:

B

Site Area (Ha):

195.25

Search Buffer (m):

500

Site Details:

Site at

Bran Sands

Redcar & Cleveland

Client Details:

MR D Fives

HaskoningDHV UK Ltd

Rightwell House

Bretton

Peterborough

PE3 8DW

Prepared For:

York Potash Ltd

Bran Sands

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	37
Hazardous Substances	41
Geological	43
Industrial Land Use	49
Sensitive Land Use	-
Data Currency	50
Data Suppliers	54
Useful Contacts	55

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 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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Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v47.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
Contaminated Land Register Entries and Notices				
Discharge Consents	pg 1	2	3	3
Enforcement and Prohibition Notices				
Integrated Pollution Controls	pg 3	12	61	11
Integrated Pollution Prevention And Control	pg 16		22	
Local Authority Integrated Pollution Prevention And Control				
Local Authority Pollution Prevention and Controls	pg 26		1	
Local Authority Pollution Prevention and Control Enforcements				
Nearest Surface Water Feature	pg 26	Yes		
Pollution Incidents to Controlled Waters	pg 26	2		4
Prosecutions Relating to Authorised Processes				
Prosecutions Relating to Controlled Waters				
Registered Radioactive Substances	pg 27		6	
River Quality				
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register	pg 28			2
Water Abstractions				
Water Industry Act Referrals				
Groundwater Vulnerability	pg 28	Yes	n/a	n/a
Bedrock Aquifer Designations	pg 29	Yes	n/a	n/a
Superficial Aquifer Designations	pg 29	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences	pg 29	Yes		n/a
Flooding from Rivers or Sea without Defences	pg 29	Yes		n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
Detailed River Network Lines	pg 29	Yes	Yes	Yes
Detailed River Network Offline Drainage				

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites	pg 37	3		
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)	pg 37	2	1	
Licensed Waste Management Facilities (Locations)	pg 38	1	1	
Local Authority Recorded Landfill Sites				
Registered Landfill Sites	pg 39	2		
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites				
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)	pg 41		2	
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 41		1	
Planning Hazardous Substance Consents	pg 41		7	
Planning Hazardous Substance Enforcements				
Geological				
BGS 1:625,000 Solid Geology	pg 43	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 43	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 46			1
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
Brine Compensation Area			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability	pg 46	Yes	n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards	pg 46	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 46	Yes	Yes	n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 47	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 47	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 47	Yes		n/a
Radon Potential - Radon Affected Areas			n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Industrial Land Use				
Contemporary Trade Directory Entries	pg 49	1	7	n/a
Fuel Station Entries				
Sensitive Land Use				
Areas of Adopted Green Belt				
Areas of Unadopted Green Belt				
Areas of Outstanding Natural Beauty				
Environmentally Sensitive Areas				
Forest Parks				
Local Nature Reserves				
Marine Nature Reserves				
National Nature Reserves				
National Parks				
Nitrate Sensitive Areas				
Nitrate Vulnerable Zones				
Ramsar Sites				
Sites of Special Scientific Interest				
Special Areas of Conservation				
Special Protection Areas				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: National Grid Transco Property Type: Production & Distribution Of Electricity Location: Tod Point 275kv Substation, Trunk Road (West Of), Redcar, Cleveland, Ts10 5bw Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1799 Permit Version: 1 Effective Date: 7th October 2004 Issued Date: 7th October 2004 Revocation Date: 25th March 2011 Discharge Type: Trade Discharge - Process Water Discharge: Into Land Environment: Receiving Water: Soakaway - Groundwater Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	B9SE (W)	0	1	457150 523870
2	<p>Discharge Consents</p> <p>Operator: Imperial Chemical Industries Plc Property Type: Basic Industry, Chemicals Organic Location: Wilton Works, Wilton Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/E/0667 Permit Version: 1 Effective Date: 26th March 1965 Issued Date: 26th March 1965 Revocation Date: 17th November 1976 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Mains Dike Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	B6NW (S)	0	1	457500 523500
3	<p>Discharge Consents</p> <p>Operator: Dorman, Long And Company Ltd Property Type: Sewage Disposal Works - Other Location: Lackenby Steel Works, Lackenby, Grangetown, Middlesbrough Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/E/0051 Permit Version: 1 Effective Date: 9th October 1953 Issued Date: 9th October 1953 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholme Beck Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 10m</p>	B5NW (SW)	234	1	456710 523300
3	<p>Discharge Consents</p> <p>Operator: Dorman, Long And Company Ltd Property Type: Iron & Steel Industries Location: Lackenby Steel Works, Hydraulic Pum, Lackenby Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/E/0045 Permit Version: 1 Effective Date: 14th August 1953 Issued Date: 14th August 1953 Revocation Date: 30th September 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholme Beck Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 10m</p>	B5NW (SW)	239	1	456700 523300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Dorman, Long And Company Ltd Property Type: Iron & Steel Industries Location: Lackenby Steel Works, Hydraulic Pum, Lackenby Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/E/0046 Permit Version: 1 Effective Date: 14th August 1953 Issued Date: 14th August 1953 Revocation Date: 1st January 1993 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dabholme Beck Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 10m</p>	B5NW (SW)	239	1	456700 523300
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: West Coatham Lane Cso, Dormanstown, Redcar, Redcar Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1624 Permit Version: 1 Effective Date: 27th March 2001 Issued Date: 27th March 2001 Revocation Date: 31st March 2006 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of The Fleet Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	B10SE (E)	299	1	457970 523800
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: West Coatham Lane Cso, Dormanstown, Redcar, Redcar Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/0803 Permit Version: 1 Effective Date: 21st September 1989 Issued Date: 21st September 1989 Revocation Date: 27th March 2001 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Fleet Beck Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	B10SE (E)	299	1	457970 523800
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: West Coatham Lane Cso, Dormanstown, Redcar, Redcar Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 254/1914 Permit Version: 1 Effective Date: 31st March 2006 Issued Date: 31st March 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of The Fleet Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	B10SE (E)	303	1	457970 523810

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BH8837 Dated: 21st February 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B9SE (NW)	0	1	457268 523924
5	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BH5528 Dated: 24th January 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B9SE (NW)	0	1	457268 523924
5	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BC0871 Dated: 16th September 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B9SE (NW)	0	1	457268 523924
5	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BA7182 Dated: 17th February 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B9SE (NW)	0	1	457268 523924
5	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AZ8480 Dated: 17th October 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B9SE (NW)	0	1	457268 523924
5	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AW7061 Dated: 20th September 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B9SE (NW)	0	1	457268 523924
5	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AT4414 Dated: 2nd October 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location</p>	B9SE (NW)	0	1	457268 523924

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AR0241 Dated: 7th September 1995 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B9SE (NW)	0	1	457268 523924
5	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AS6411 Dated: 11th August 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B9SE (NW)	0	1	457268 523924
5	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AL3779 Dated: 1st April 1994 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B9SE (NW)	0	1	457268 523924
5	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AJ0094 Dated: 18th June 1993 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B9SE (NW)	0	1	457268 523924
5	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AA2950 Dated: 17th August 1992 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B9SE (NW)	0	1	457268 523924
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BA2881 Dated: 23rd January 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NW (NE)	146	1	457676 524134

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AZ4999 Dated: 15th August 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (L) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NW (NE)	148	1	457676 524139
6	<p>Integrated Pollution Controls</p> <p>Name: Multiserv Group Ltd Location: Teesside Works, Teesport Site, REDCAR, Cleveland, TS10 5RE Authority: Environment Agency, North East Region Permit Reference: AR0250 Dated: 27th July 1995 Process Type: IPC new application Description: 2.1 A (A) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Manually positioned to the address or location</p>	B10NW (NE)	154	1	457681 524144
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BE6277 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	157	1	457686 524139
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AU4746 Dated: 29th January 1996 Process Type: IPC major (substantial) variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NW (NE)	158	1	457681 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BF3176 Dated: 15th February 1999 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	159	1	457686 524144
6	<p>Integrated Pollution Controls</p> <p>Name: British Steel Plc Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BA4604 Dated: 13th January 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Application has met the requirements for authorisation (but not yet authorised)Not Yet Authorised</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	160	1	457691 524134

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AL3787 Dated: 14th March 1994 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NW (NE)	160	1	457681 524159
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AQ8565 Dated: 27th July 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	161	1	457686 524149
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AX1140 Dated: 1st December 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NW (NE)	163	1	457681 524169
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AS0375 Dated: 7th July 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (L) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	164	1	457691 524144
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AP0097 Dated: 15th November 1994 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation revokedRevoked</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	164	1	457686 524159
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BB2798 Dated: 11th September 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (L) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	165	1	457691 524149

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: Multiserv Group Ltd Location: Teesside Works, Lackenby Site, REDCAR, Cleveland, TS10 5RH Authority: Environment Agency, North East Region Permit Reference: AR0144 Dated: 13th July 1995 Process Type: IPC new application Description: 2.1 A (L) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Manually positioned to the address or location</p>	B10NE (NE)	165	1	457694 524140
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AO8971 Dated: 11th January 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	165	1	457691 524149
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AF8866 Dated: 11th June 1993 Process Type: IPC new application Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	166	1	457686 524164
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Bx8203 Dated: 27th April 2004 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Revoked - Now IPPC</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Bx2264 Dated: 9th March 2004 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Revoked - Now IPPC</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Bv3227 Dated: 22nd July 2003 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Br9081 Dated: 15th April 2002 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Bq2626 Dated: 14th January 2002 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Teesside Works, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Bl2050 Dated: 11th June 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Bk6823 Dated: 28th March 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Bj2962 Dated: 19th December 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B10NE (NE)	167	1	457695 524145
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BH8144 Dated: 31st January 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B10NE (NE)	167	1	457695 524145

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BH8152 Dated: 31st January 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BG1489 Dated: 21st May 1999 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BC2351 Dated: 10th February 1999 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B10NE (NE)	167	1	457695 524145
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BF3168 Dated: 10th February 1999 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BE3111 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BE6285 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B10NE (NE)	167	1	457695 524145

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: Multiserv Group Ltd Location: British Steel Plc, Teesside Works, Teesport Site, REDCAR, Cleveland, TS10 5RE Authority: Environment Agency, North East Region Permit Reference: BD7022 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B10NE (NE)	167	1	457691 524153
6	<p>Integrated Pollution Controls</p> <p>Name: Multiserv Group Ltd Location: Teesside Works, Bos Plant, Lackenby Site, REDCAR, Cleveland, TS10 5RH Authority: Environment Agency, North East Region Permit Reference: BD1253 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (L) Iron and Steel processes within the Metal Industry Status: Revoked - Now IPPC Positional Accuracy: Manually positioned to the address or location</p>	B10NE (NE)	167	1	457694 524145
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BB5312 Dated: 26th June 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B10NE (NE)	167	1	457695 524145
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BA5813 Dated: 23rd January 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BA3551 Dated: 23rd December 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BA2423 Dated: 16th December 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B10NE (NE)	167	1	457695 524145

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AZ7734 Dated: 26th September 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AY7526 Dated: 12th September 1997 Process Type: IPC major (substantial) variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AZ7343 Dated: 12th September 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B10NE (NE)	167	1	457695 524145
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AY1455 Dated: 7th March 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AX2359 Dated: 13th December 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B10NE (NE)	167	1	457695 524145
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AW7053 Dated: 20th September 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AV7325 Dated: 24th June 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Manually positioned to the address or location</p>	B10NE (NE)	167	1	457695 524145
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AU9306 Dated: 15th March 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AQ5876 Dated: 2nd October 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AO6413 Dated: 3rd October 1994 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AL3876 Dated: 21st July 1994 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AF8548 Dated: 23rd July 1993 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded</p> <p>Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: Heckett Multiserv (Sr) Ltd Location: Teesside Works, Teesport Site, REDCAR, Cleveland, TS10 5RE Authority: Environment Agency, North East Region Permit Reference: Bi6473 Dated: Not Supplied Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A Iron and Steel processes within the Metal Industry Status: Application has met the requirements for authorisation (but not yet authorised)Not Yet Authorised Positional Accuracy: Unknown</p>	B10NE (NE)	167	1	457691 524153
6	<p>Integrated Pollution Controls</p> <p>Name: British Steel Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BF3877 Dated: 16th February 1999 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (G) Iron and Steel processes within the Metal Industry Status: Application has met the requirements for authorisation (but not yet authorised)Not Yet Authorised Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	168	1	457696 524144
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AT4422 Dated: 2nd October 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	168	1	457696 524144
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AO9684 Dated: 24th January 1995 Process Type: IPC new application Description: 2.1 A (L) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	169	1	457691 524159
6	<p>Integrated Pollution Controls</p> <p>Name: British Steel Plc Location: Teesside Works, Steel House, REDCAR, Cleveland, TS105QW Authority: Environment Agency, North East Region Permit Reference: BB2933 Dated: 18th May 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Application has met the requirements for authorisation (but not yet authorised)Not Yet Authorised Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	170	1	457696 524149
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AL3701 Dated: 14th March 1994 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation revokedRevoked Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	172	1	457696 524154

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: Multiserv Group Ltd Location: British Steel Plc, Teesside Works, Teesport Site, REDCAR, Cleveland, TS10 5RE Authority: Environment Agency, North East Region Permit Reference: Bk8486 Dated: 5th April 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A Iron and Steel processes within the Metal Industry Status: Revoked - Now IPPC Positional Accuracy: Manually positioned to the address or location</p>	B10NE (NE)	173	1	457696 524158
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BC0847 Dated: 16th September 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	173	1	457701 524144
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BA8740 Dated: 16th March 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	173	1	457696 524159
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AF8530 Dated: 23rd July 1993 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	177	1	457701 524154
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BE4746 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (L) Iron and Steel processes within the Metal Industry Status: Authorisation revokedRevoked Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	179	1	457711 524134
6	<p>Integrated Pollution Controls</p> <p>Name: Corus Uk Ltd Location: Teesside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BH8179 Dated: 31st January 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Revoked - Now IPPC Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	186	1	457711 524154

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Integrated Pollution Controls Name: Sabic Uk Petrochemicals Location: Olefins, PO Box 99, Wilton Site, REDCAR, Cleveland, TS10 4YA Authority: Environment Agency, North East Region Permit Reference: Bq4211 Dated: 6th February 2002 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.1 A (A) Petrochemical processes within the Chemical Industry Status: Revoked - Now IPPC Positional Accuracy: Manually positioned to the address or location	B1NE (S)	422	1	457336 522729
7	Integrated Pollution Controls Name: Sabic Uk Petrochemicals Location: Olefins, PO Box 99, Wilton Site, REDCAR, Cleveland, TS10 4YA Authority: Environment Agency, North East Region Permit Reference: Bj0412 Dated: 18th August 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.1 A (A) Petrochemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	B1NE (S)	422	1	457336 522729
7	Integrated Pollution Controls Name: Sabic Uk Petrochemicals Location: Olefins, PO Box 99, Wilton Site, REDCAR, Cleveland, TS10 4YA Authority: Environment Agency, North East Region Permit Reference: BE5394 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.1 A (A) Petrochemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	B1NE (S)	422	1	457336 522729
7	Integrated Pollution Controls Name: Sabic Uk Petrochemicals Location: Olefins, PO Box 99, Wilton Site, REDCAR, Cleveland, TS10 4YA Authority: Environment Agency, North East Region Permit Reference: BB5797 Dated: 29th July 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.1 A (A) Petrochemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	B1NE (S)	422	1	457336 522729
7	Integrated Pollution Controls Name: Sabic Uk Petrochemicals Location: Olefins, PO Box 99, Wilton Site, REDCAR, Cleveland, TS10 4YA Authority: Environment Agency, North East Region Permit Reference: AY4349 Dated: 18th July 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.1 A (A) Petrochemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	B1NE (S)	422	1	457336 522729
7	Integrated Pollution Controls Name: Sabic Uk Petrochemicals Location: Olefins, PO Box 99, Wilton Site, REDCAR, Cleveland, TS10 4YA Authority: Environment Agency, North East Region Permit Reference: AT6913 Dated: 13th November 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.1 A (A) Petrochemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	B1NE (S)	422	1	457336 522729
7	Integrated Pollution Controls Name: Sabic Uk Petrochemicals Location: Olefins, PO Box 99, Wilton Site, REDCAR, Cleveland, TS10 4YA Authority: Environment Agency, North East Region Permit Reference: AT1717 Dated: 1st September 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.1 A (A) Petrochemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	B1NE (S)	422	1	457336 522729

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>Integrated Pollution Controls</p> <p>Name: Sabic Uk Petrochemicals Location: Olefins, PO Box 99, Willton Site, REDCAR, Cleveland, TS10 4YA Authority: Environment Agency, North East Region Permit Reference: AR1884 Dated: 5th May 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.1 A (A) Petrochemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B1NE (S)	422	1	457336 522729
7	<p>Integrated Pollution Controls</p> <p>Name: Sabic Uk Petrochemicals Location: Olefins, PO Box 99, Willton Site, REDCAR, Cleveland, TS10 4YA Authority: Environment Agency, North East Region Permit Reference: AO7339 Dated: 14th October 1994 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.1 A (A) Petrochemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B1NE (S)	422	1	457336 522729
7	<p>Integrated Pollution Controls</p> <p>Name: Sabic Uk Petrochemicals Location: Olefins, PO Box 99, Willton Site, REDCAR, Cleveland, TS10 4YA Authority: Environment Agency, North East Region Permit Reference: AN4253 Dated: 29th July 1994 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.1 A (A) Petrochemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B1NE (S)	422	1	457336 522729
7	<p>Integrated Pollution Controls</p> <p>Name: Sabic Uk Petrochemicals Location: Olefins, PO Box 99, Willton Site, REDCAR, Cleveland, TS10 4YA Authority: Environment Agency, North East Region Permit Reference: AK7868 Dated: 28th February 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.1 A (A) Petrochemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location</p>	B1NE (S)	422	1	457336 522729
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Short Bros (Plant) Ltd Location: Steel House, Middlesborough, Cleveland, Ts10 5rd Authority: Environment Agency, North East Region Permit Reference: Bm0206iy Original Permit Ref: Bm0206iy Effective Date: 1st April 2004 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: Y</p>	B10NW (NE)	150	1	457670 524160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Redcar Bulk Terminal Ltd Location: Teesside Integrated Iron And Steelworks, Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: LP3937CU Original Permit Ref: Qp3338hu Effective Date: 23rd July 2012 Status: Effective Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 10m Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: N Activity Code: 2.1 A(1) (D) Activity Description: Ferrous Metals; Handling Etc Greater Than 500,000 Tonnes/12 Months Primary Activity: Y Activity Code: 3.5 B (B) (III) Activity Description: Other Mineral Activities; Loadingetc Coal Etc (Except On Retail Sale) (Unless Exempt Location) Primary Activity: N</p>	B10NE (NE)	161	1	457690 524140
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Sahaviriya Steel Industries Uk Limited Location: Teesside Integrated Iron And Steelworks, Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: LP3437CR Original Permit Ref: Jp3638hm Effective Date: 23rd July 2012 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 10m Activity Code: 2.1 A(1) (A) Activity Description: Ferrous Metals; Roasting/Sintering Iron Ore, Including Mixtures And Sulphide Ore Primary Activity: N Activity Code: 5.3 A(1) (C) (I) Activity Description: Other Waste Disposal; Non-Hazardous Waste >50T/D By Biological Treatment Primary Activity: N Activity Code: 2.1 A(1) (D) Activity Description: Ferrous Metals; Handling Etc Greater Than 500,000 Tonnes/12 Months Primary Activity: N Activity Code: 3.5 B (B) (III) Activity Description: Other Mineral Activities; Loadingetc Coal Etc (Except On Retail Sale) (Unless Exempt Location) Primary Activity: N Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: N Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: N Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: Y Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: N Activity Code: 5.3 A(1) (C) (II) Activity Description: Other Waste Disposal; Non-Hazardous Waste >50T/D By Physico-Chemical Treatment Primary Activity: N Activity Code: 2.1 B (C) Activity Description: Ferrous Metals; Desulphurising Primary Activity: N</p>	B10NE (NE)	161	1	457690 524140

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Harsco Metals Group Ltd Location: Teesside Integrated Iron And Steelworks, Steel House, Redcar, Middlesborough, Cleveland, TS10 5RD Authority: Environment Agency, North East Region Permit Reference: NP3635CY Original Permit Ref: Pp3338mt Effective Date: 20th July 2012 Status: Effective Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 10m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: Y</p>	B10NE (NE)	161	1	457690 524140
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Sahaviriya Steel Industries Uk Limited Location: Teesside Integrated Iron And Steelworks, Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AP3337FT Original Permit Ref: Jp3638hm Effective Date: 21st November 2011 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Located by supplier to within 10m Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: N Activity Code: 2.1 A(1) (D) Activity Description: Ferrous Metals; Handling Etc Greater Than 500,000 Tonnes/12 Months Primary Activity: N Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: Y Activity Code: 2.1 B (C) Activity Description: Ferrous Metals; Desulphurising Primary Activity: N Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: N Activity Code: 2.1 A(1) (A) Activity Description: Ferrous Metals; Roasting/Sintering Iron Ore, Including Mixtures And Sulphide Ore Primary Activity: N Activity Code: 1.2 A(1) (C) Activity Description: Gasification, Liquifac And Refining Primary Activity: N Activity Code: 5.3 A(1) (C) (II) Activity Description: Other Waste Disposal; Non-Hazardous Waste >50T/D By Physico-Chemical Treatment Primary Activity: N Activity Code: 5.3 A(1) (C) (I) Activity Description: Other Waste Disposal; Non-Hazardous Waste >50T/D By Biological Treatment Primary Activity: N Activity Code: 3.5 B (B) (III) Activity Description: Other Mineral Activities; Loadingetc Coal Etc (Except On Retail Sale) (Unless Exempt Location) Primary Activity: N</p>	B10NE (NE)	161	1	457690 524140

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Tata Steel Uk Limited Location: Teesside Integrated Iron And Steelworks, Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: JP3838HK Original Permit Ref: Bk0493ip Effective Date: 24th March 2011 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 100m Activity Code: 2.1 B (C) Activity Description: Ferrous Metals; Desulphurising Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: N Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: N Activity Code: 2.1 A(1) (D) Activity Description: Ferrous Metals; Handling Etc Greater Than 500,000 Tonnes/12 Months Primary Activity: N Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: Y Activity Code: 2.1 A(1) (A) Activity Description: Ferrous Metals; Roasting/Sintering Iron Ore, Including Mixtures And Sulphide Ore Primary Activity: N Activity Code: 1.2 A(1) (C) Activity Description: Gasification, Liquifac And Refining Primary Activity: N Activity Code: 3.5 B (B) (III) Activity Description: Other Mineral Activities; Loadingetc Coal Etc (Except On Retail Sale) (Unless Exempt Location) Primary Activity: N Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: N</p>	B10NE (NE)	161	1	457690 524140
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Sahaviriya Steel Industries Uk Limited Location: Teesside Integrated Iron And Steelworks, Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: JP3638HM Original Permit Ref: Jp3638hm Effective Date: 24th March 2011 Status: Superseded By Variation Application Type: Transfer App. Sub Type: Part with FAPP Positional Accuracy: Located by supplier to within 100m Activity Code: 1.2 A(1) (C) Activity Description: Gasification, Liquifac And Refining Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: N Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: Y Activity Code: 3.5 B (B) (III) Activity Description: Other Mineral Activities; Loadingetc Coal Etc (Except On Retail Sale) (Unless Exempt Location) Primary Activity: N Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: N Activity Code: 2.1 B (C) Activity Description: Ferrous Metals; Desulphurising Primary Activity: N Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: N Activity Code: 2.1 A(1) (A) Activity Description: Ferrous Metals; Roasting/Sintering Iron Ore, Including Mixtures And Sulphide Ore Primary Activity: N Activity Code: 2.1 A(1) (D) Activity Description: Ferrous Metals; Handling Etc Greater Than 500,000 Tonnes/12 Months Primary Activity: N</p>	B10NE (NE)	161	1	457690 524140

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Redcar Bulk Terminal Ltd Location: Teesside Integrated Iron And Steelworks, Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: QP3338HU Original Permit Ref: Qp3338hu Effective Date: 24th March 2011 Status: Superseded By Variation Application Type: Transfer App. Sub Type: Part without Fit and Proper Person Positional Accuracy: Located by supplier to within 100m Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: N Activity Code: 3.5 B (B) (III) Activity Description: Other Mineral Activities; Loadingetc Coal Etc (Except On Retail Sale) (Unless Exempt Location) Primary Activity: N Activity Code: 2.1 A(1) (D) Activity Description: Ferrous Metals; Handling Etc Greater Than 500,000 Tonnes/12 Months Primary Activity: Y</p>	B10NE (NE)	161	1	457690 524140
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Harsco Metals Group Ltd Location: Teesside Integrated Iron And Steelworks, Steel House, Redcar, Middlesborough, Cleveland, TS10 5RD Authority: Environment Agency, North East Region Permit Reference: KP3033TR Original Permit Ref: Pp3338mt Effective Date: 22nd March 2010 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 100m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: Y</p>	B10NE (NE)	161	1	457690 524140
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Tata Steel UK Limited Location: Teesside Integrated Iron And Steelworks, Teesside Works, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Up3135sh Original Permit Ref: Bk0493ip Effective Date: 30th November 2004 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 10m Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: N Activity Code: 2.1 B (C) Activity Description: Ferrous Metals; Desulphurising Primary Activity: N Activity Code: 2.1 A(1) (D) Activity Description: Ferrous Metals; Handling Etc Greater Than 500,000 Tonnes/12 Months Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: N Activity Code: 1.2 A(1) c) (A) Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens Primary Activity: N Activity Code: 2.1 A(1) (A) Activity Description: Ferrous Metals; Roasting/Sintering Iron Ore, Including Mixtures And Sulphide Ore Primary Activity: N Activity Code: 3.5 B (B) (III) Activity Description: Other Mineral Activities; Loadingetc Coal Etc (Except On Retail Sale) (Unless Exempt Location) Primary Activity: N Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: N Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: Y</p>	B10NE (NE)	161	1	457690 524140

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Tata Steel Uk Limited Location: Teesside Integrated Iron And Steelworks, Teesside Works, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Zp3730bp Original Permit Ref: Bk0493ip Effective Date: 27th October 2004 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 10m Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: N Activity Code: 1.2 A(1) c) (A) Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens Primary Activity: N Activity Code: 2.1 A(1) (A) Activity Description: Ferrous Metals; Roasting/Sintering Iron Ore, Including Mixtures And Sulphide Ore Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: N Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: N Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: Y Activity Code: 2.1 B (C) Activity Description: Ferrous Metals; Desulphurising Primary Activity: N Activity Code: 3.5 B (B) (III) Activity Description: Other Mineral Activities; Loadingetc Coal Etc (Except On Retail Sale) (Unless Exempt Location) Primary Activity: N Activity Code: 2.1 A(1) (D) Activity Description: Ferrous Metals; Handling Etc Greater Than 500,000 Tonnes/12 Months Primary Activity: N</p>	B10NE (NE)	161	1	457690 524140
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Tata Steel Uk Limited Location: Teesside Integrated Iron And Steelworks, Teesside Works, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Bk0493ip Original Permit Ref: Bk0493ip Effective Date: 19th August 2004 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: Y Activity Code: 2.1 A(1) (D) Activity Description: Ferrous Metals; Handling Etc Greater Than 500,000 Tonnes/12 Months Primary Activity: N Activity Code: 3.5 B (B) (III) Activity Description: Other Mineral Activities; Loadingetc Coal Etc (Except On Retail Sale) (Unless Exempt Location) Primary Activity: N Activity Code: 2.1 B (C) Activity Description: Ferrous Metals; Desulphurising Primary Activity: N Activity Code: 2.1 A(1) (A) Activity Description: Ferrous Metals; Roasting/Sintering Iron Ore, Including Mixtures And Sulphide Ore Primary Activity: N Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: N Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: N Activity Code: 1.2 A(1) c) (A) Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens Primary Activity: N</p>	B10NE (NE)	161	1	457690 524140

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Sahaviriya Steel Industries Uk Limited Location: Teesside Integrated Iron And Steelworks, Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BP3835CZ Original Permit Ref: Jp3638hm Effective Date: Not Supplied Status: Valid Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 10m Activity Code: 1.2 A(1) (C) Activity Description: Gasification, Liquifac And Refining Primary Activity: N Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: N Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: N Activity Code: 3.5 B (B) (III) Activity Description: Other Mineral Activities; Loadingetc Coal Etc (Except On Retail Sale) (Unless Exempt Location) Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: N Activity Code: 2.1 A(1) (D) Activity Description: Ferrous Metals; Handling Etc Greater Than 500,000 Tonnes/12 Months Primary Activity: N Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: Y Activity Code: 2.1 A(1) (A) Activity Description: Ferrous Metals; Roasting/Sintering Iron Ore, Including Mixtures And Sulphide Ore Primary Activity: N Activity Code: 2.1 B (C) Activity Description: Ferrous Metals; Desulphurising Primary Activity: N</p>	B10NE (NE)	161	1	457690 524140
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Sahaviriya Steel Industries Uk Limited Location: Teesside Integrated Iron And Steelworks, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: PP3533NM Original Permit Ref: Vp3737cf Effective Date: 27th April 2013 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 10m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: Y</p>	B10NE (NE)	165	1	457690 524150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Sahaviriya Steel Industries Uk Limited Location: Teesside Integrated Iron And Steelworks, Teesside Intergrated Iron And Steelworks, Steel House, Redcar, Teesside, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: JP3533ZH Original Permit Ref: Jp3638hm Effective Date: 29th April 2013 Status: Effective Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (C) (II) Activity Description: Other Waste Disposal; Non-Hazardous Waste >50T/D By Physico-Chemical Treatment Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: N Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: N Activity Code: 3.5 B (B) (III) Activity Description: Other Mineral Activities; Loadingetc Coal Etc (Except On Retail Sale) (Unless Exempt Location) Primary Activity: N Activity Code: 2.1 A(1) (A) Activity Description: Ferrous Metals; Roasting/Sintering Iron Ore, Including Mixtures And Sulphide Ore Primary Activity: N Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: Y Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: N Activity Code: 2.1 A(1) (D) Activity Description: Ferrous Metals; Handling Etc Greater Than 500,000 Tonnes/12 Months Primary Activity: N Activity Code: 2.1 B (C) Activity Description: Ferrous Metals; Desulphurising Primary Activity: N Activity Code: 5.3 A(1) (C) (I) Activity Description: Other Waste Disposal; Non-Hazardous Waste >50T/D By Biological Treatment Primary Activity: N</p>	B10NE (NE)	167	1	457691 524154
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Sahaviriya Steel Industries Uk Limited Location: Teesside Integrated Iron And Steelworks, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: VP3737CF Original Permit Ref: Vp3737cf Effective Date: 17th December 2012 Status: Superseded By Variation Application Type: Transfer App. Sub Type: Part with FAPP Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: Y</p>	B10NE (NE)	167	1	457691 524154
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Tata Steel Uk Limited Location: Corus Cleveland CLE 3/8 Landfill Site, Corus Cleveland Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Bw2129ib Original Permit Ref: Bw2129ib Effective Date: 22nd October 2010 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y</p>	B10NE (NE)	167	1	457691 524154

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Tata Steel UK Limited Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: FP3634XK Original Permit Ref: Bk0493ip Effective Date: 25th July 2008 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 2.1 A(1) (A) Activity Description: Ferrous Metals; Roasting/Sintering Iron Ore, Including Mixtures And Sulphide Ore Primary Activity: N Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: N Activity Code: 2.1 B (C) Activity Description: Ferrous Metals; Desulphurising Primary Activity: N Activity Code: 2.1 A(1) (D) Activity Description: Ferrous Metals; Handling Etc Greater Than 500,000 Tonnes/12 Months Primary Activity: N Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: Y Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: N Activity Code: 1.2 A(1) (C) Activity Description: Gasification, Liquifac And Refining Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: N Activity Code: 3.5 B (B) (III) Activity Description: Other Mineral Activities; Loadingetc Coal Etc (Except On Retail Sale) (Unless Exempt Location) Primary Activity: N</p>	B10NE (NE)	167	1	457691 524154
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Tata Steel UK Limited Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: UP3739XF Original Permit Ref: Bk0493ip Effective Date: 17th December 2007 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 1.2 A(1) (C) Activity Description: Gasification, Liquifac And Refining Primary Activity: N Activity Code: 2.1 A(1) (A) Activity Description: Ferrous Metals; Roasting/Sintering Iron Ore, Including Mixtures And Sulphide Ore Primary Activity: N Activity Code: 2.1 A(1) (D) Activity Description: Ferrous Metals; Handling Etc Greater Than 500,000 Tonnes/12 Months Primary Activity: N Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: Y Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: N Activity Code: 2.1 B (C) Activity Description: Ferrous Metals; Desulphurising Primary Activity: N Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: N Activity Code: 3.5 B (B) (III) Activity Description: Other Mineral Activities; Loadingetc Coal Etc (Except On Retail Sale) (Unless Exempt Location) Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: N</p>	B10NE (NE)	167	1	457691 524154

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Multiserv Group Ltd Location: Teesside Integrated Iron And Steelworks, Steel House, Redcar, Middlesborough, Cleveland, TS10 5RD Authority: Environment Agency, North East Region Permit Reference: PP3338MT Original Permit Ref: Pp3338mt Effective Date: 14th December 2006 Status: Superseded By Variation Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Manually positioned to the address or location Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: Y</p>	B10NE (NE)	167	1	457691 524154
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Tata Steel UK Limited Location: Teesside Integrated Iron And Steelworks, Teesside Works, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Xp3231sg Original Permit Ref: Bk0493ip Effective Date: 20th July 2005 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: N Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: Y Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: N Activity Code: 2.1 A(1) (A) Activity Description: Ferrous Metals; Roasting/Sintering Iron Ore, Including Mixtures And Sulphide Ore Primary Activity: N Activity Code: 1.2 A(1) (C) Activity Description: Gasification, Liquifac And Refining Primary Activity: N Activity Code: 2.1 B (C) Activity Description: Ferrous Metals; Desulphurising Primary Activity: N Activity Code: 2.1 A(1) (D) Activity Description: Ferrous Metals; Handling Etc Greater Than 500,000 Tonnes/12 Months Primary Activity: N Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: N Activity Code: 3.5 B (B) (III) Activity Description: Other Mineral Activities; Loadingetc Coal Etc (Except On Retail Sale) (Unless Exempt Location) Primary Activity: N</p>	B10NE (NE)	167	1	457691 524154

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Tata Steel UK Limited Location: Teesside Integrated Iron And Steelworks, Teesside Works, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Tp3939bv Original Permit Ref: Bk0493ip Effective Date: 5th November 2004 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50MW Primary Activity: N Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: N Activity Code: 2.1 A(1) (A) Activity Description: Ferrous Metals; Roasting/Sintering Iron Ore, Including Mixtures And Sulphide Ore Primary Activity: N Activity Code: 3.5 B (B) (II) Activity Description: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location) Primary Activity: N Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: Y Activity Code: 2.1 A(1) (D) Activity Description: Ferrous Metals; Handling Etc Greater Than 500,000 Tonnes/12 Months Primary Activity: N Activity Code: 1.2 A(1) c) (A) Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens Primary Activity: N Activity Code: 2.1 B (C) Activity Description: Ferrous Metals; Desulphurising Primary Activity: N Activity Code: 3.5 B (B) (III) Activity Description: Other Mineral Activities; Loadingetc Coal Etc (Except On Retail Sale) (Unless Exempt Location) Primary Activity: N</p>	B10NE (NE)	167	1	457691 524154
9	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: M & G Fuels (Corus Site) Location: Corus Redcar One Terminal, REDCAR, TS10 Authority: Redcar and Cleveland Borough Council, Environmental Health Department Permit Reference: Mgf-401 Dated: 29th July 1997 Process Type: Local Authority Air Pollution Control Description: PG3/5 Coal, coke and coal product processes Status: Authorised Positional Accuracy: Manually positioned to the address or location</p>	B13NW (NW)	207	2	456824 524878
	Nearest Surface Water Feature	B9SW (W)	0	-	456709 523697
10	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Other General Premises Location: Fleet Beck, Dormanstown, REDCAR Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Urban Runoff Note: No Fish Killed Incident Date: 26th April 1996 Incident Reference: DD960133 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	B10SW (E)	0	1	457600 523800
10	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Other General Premises Location: Fleet Beck, Dormanstown, REDCAR Authority: Environment Agency, North East Region Pollutant: Not Given Note: No Pollution Found; No Fish Killed Incident Date: 26th April 1996 Incident Reference: DD960133 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	B10SW (E)	0	1	457600 523795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Oil Industry (Not Garages) Location: Fleet Beck, Dormanstown Industrial Estate Authority: Environment Agency, North East Region Pollutant: Oils - Waste Oil Note: Pollution Found; No Fish Killed Incident Date: 4th March 1996 Incident Reference: DD960045 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	B10SE (E)	268	1	457900 523895
11	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Oil Industry (Not Garages) Location: Fleet Beck, Dormanstown Industrial Estate Authority: Environment Agency, North East Region Pollutant: Oils - Waste Oil Note: No Fish Killed Incident Date: 4th March 1996 Incident Reference: DD960045 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	B10SE (E)	270	1	457900 523900
12	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Road Location: Fleet Beck, Upstream Of Limerick Road, DORMANSTOWN Authority: Environment Agency, North East Region Pollutant: Oils - Other Fuel Oil Note: Pollution Found; No Fish Killed Incident Date: 19th March 1996 Incident Reference: DD960078 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	B10SE (E)	361	1	458000 523895
12	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Road Location: Fleet Beck, Upstream Limerick Road, DORMANSTOWN Authority: Environment Agency, North East Region Pollutant: Oils - Other Fuel Oil Note: No Fish Killed Incident Date: 19th March 1996 Incident Reference: DD960078 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	B10SE (E)	363	1	458000 523900
13	<p>Registered Radioactive Substances</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: CB8286 Dated: 1st December 2008 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation either revoked or cancelledCancelled Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154
13	<p>Registered Radioactive Substances</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Bw4903 Dated: 1st December 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	167	1	457691 524154

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	<p>Registered Radioactive Substances</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: Br7887 Dated: 21st June 2002 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>	B10NE (NE)	167	1	457691 524154
13	<p>Registered Radioactive Substances</p> <p>Name: Corus Uk Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: BA6259 Dated: 1st June 1998 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>	B10NE (NE)	167	1	457691 524154
13	<p>Registered Radioactive Substances</p> <p>Name: Corus Uk Ltd Location: Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AH8859 Dated: 9th March 1993 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>	B10NE (NE)	176	1	457706 524139
13	<p>Registered Radioactive Substances</p> <p>Name: Corus Uk Ltd Location: Steel House, REDCAR, Cleveland, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AK9518 Dated: 14th March 1994 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: Automatically positioned to the address</p>	B10NE (NE)	178	1	457706 524144
14	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - North East Region, North East Area Incident Date: 4th August 2006 Incident Reference: 424466 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage</p>	B10SE (E)	312	1	457978 523815
15	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - North East Region, North East Area Incident Date: 30th April 2003 Incident Reference: 155029 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: Oils And Fuel: Gas And Fuel Oils</p>	B10NE (E)	319	1	457924 523974
	<p>Groundwater Vulnerability</p> <p>Soil Classification: Not classified Map Sheet: Sheet 5 Tyne And Tees Scale: 1:100,000</p>	(N)	0	1	458176 525727
	<p>Groundwater Vulnerability</p> <p>Soil Classification: Not classified Map Sheet: Sheet 5 Tyne and Tees Scale: 1:100,000</p>	B10SW (NE)	0	1	457384 523786

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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 5 Tyne and Tees Scale: 1:100,000	B9NE (NW)	0	1	457193 523970
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - Undifferentiated	(W)	0	3	456032 523724
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - Undifferentiated	(NW)	0	3	456046 525172
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	B10SW (NE)	0	3	457384 523786
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	(N)	0	3	457384 525000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	3	456045 525000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(W)	0	3	456033 523786
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	B10SW (W)	0	3	457367 523781
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	B10SW (NE)	0	3	457384 523786
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	B10SW (E)	0	1	457413 523787
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	B9SW (W)	0	1	456796 523730
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	B9SW (W)	0	1	456766 523638
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	B9SE (SW)	0	1	457105 523619
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
16	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B10SW (SE)	0	1	457432 523703

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B10SW (SE)	0	1	457400 523775
18	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B6NW (S)	0	1	457509 523477
19	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B6NW (SE)	0	1	457554 523472
20	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B10SW (E)	0	1	457414 523795
21	Detailed River Network Lines River Type: Secondary River River Name: Drain Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B10SW (E)	0	1	457420 523789
22	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B13SE (NW)	0	1	457113 524415

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Detailed River Network Lines River Type: Secondary River River Name: The Mill Race Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B6NW (SE)	0	1	457554 523472
24	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B6NW (S)	0	1	457515 523400
25	Detailed River Network Lines River Type: Primary River River Name: The Fleet Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B9NW (NW)	0	1	456959 524109
26	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B9SW (W)	0	1	456864 523917
27	Detailed River Network Lines River Type: Secondary River River Name: The Mill Race Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B5NW (SW)	0	1	456931 523482
28	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B6NW (SE)	0	1	457509 523486

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B9SW (W)	0	1	456730 523681
30	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B10SW (NE)	0	1	457405 523805
31	Detailed River Network Lines River Type: Primary River River Name: The Fleet Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B9SW (W)	0	1	456818 523814
32	Detailed River Network Lines River Type: Secondary River River Name: The Mill Race Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B10SW (E)	0	1	457420 523789
33	Detailed River Network Lines River Type: Secondary River River Name: Dabholm Beck Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B9SW (W)	0	1	456729 523678
34	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B9SW (W)	0	1	456730 523681

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Detailed River Network Lines River Type: Primary River River Name: Fleet Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B14SW (N)	0	1	457505 524404
36	Detailed River Network Lines River Type: Secondary River River Name: Race Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B10SW (S)	0	1	457442 523618
37	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B6NW (SE)	0	1	457509 523486
38	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B5NW (SW)	0	1	456928 523485
39	Detailed River Network Lines River Type: Secondary River River Name: Dabholm Beck Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B9SW (W)	0	1	456679 523703
40	Detailed River Network Lines River Type: Primary River River Name: The Fleet Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B9NW (NW)	0	1	456915 524017

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	Detailed River Network Lines River Type: Secondary River River Name: Drain Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B5NE (SW)	0	1	457182 523474
42	Detailed River Network Lines River Type: Primary River River Name: Dabholm Cut Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B9SW (W)	0	1	456679 523703
43	Detailed River Network Lines River Type: Secondary River River Name: The Mill Race Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B9NE (NW)	0	1	457101 524147
44	Detailed River Network Lines River Type: Lake/Reservoir River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B10NW (NE)	34	1	457586 524059
45	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B5SE (SW)	70	1	457051 523249
46	Detailed River Network Lines River Type: Secondary River River Name: Drain Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B5SE (SW)	70	1	457051 523249

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: The Mill Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B5SE (SW)	74	1	457056 523241
48	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B10NW (NE)	83	1	457603 524151
49	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B10NW (NE)	85	1	457657 524015
50	Detailed River Network Lines River Type: Secondary River River Name: The Mill Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B5SE (SW)	100	1	457077 523193
51	Detailed River Network Lines River Type: Tertiary River River Name: The Mill Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B5SE (SW)	104	1	457078 523187
52	Detailed River Network Lines River Type: Primary River River Name: The Fleet Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B14SW (N)	159	1	457590 524392

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B10NE (NE)	295	1	457846 524108
54	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B10SE (E)	308	1	457929 523953
55	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B10SE (E)	311	1	457980 523808
56	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	B7NW (SE)	419	1	458236 523370
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	<p>Historical Landfill Sites</p> <p>Licence Holder: Chief Economic and Development Officer Location: Dormanstown, Redcar, Cleveland Name: West Coatham Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD05592 First Input Date: 25th January 1993 Last Input Date: 1st February 1993 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0700/0134 BGS Ref: Not Supplied Other Ref: 0700/CLE/255</p>	B10SW (E)	0	1	457455 523777
58	<p>Historical Landfill Sites</p> <p>Licence Holder: British Steel Corporation Location: Redcar, Cleveland Name: Redcar Trunk Road Landscaping Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD05591 First Input Date: 14th September 1977 Last Input Date: 10th August 1979 Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0700/0080 BGS Ref: Not Supplied Other Ref: 0700/CLE/051</p>	B10SW (NE)	0	1	457384 523786
59	<p>Historical Landfill Sites</p> <p>Licence Holder: British Steel Plc Location: Redcar Landscaping, Redcar, Cleveland Name: Redcar Complex Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD05585 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0700/0195 BGS Ref: Not Supplied Other Ref: CLE/031, 0700.195</p>	B10SW (NE)	0	1	457462 523928
60	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Wilton, Perimeter Mounds Licence Number: 60094 Location: P O Box54, Wilton, Middlesbrough, Cleveland, TS10 4RE Licence Holder: I C I Chemicals & Polymers Ltd Authority: Environment Agency - North East Region, North East Area Site Category: Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Closure Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	B6NW (S)	0	1	457368 523529
61	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Bran Sands Licence Number: 60092 Location: Land/ Premises At, Bran Sands, Redcar, Cleveland, TS6 6UE Licence Holder: I C I Chemicals & Polymers Ltd Authority: Environment Agency - North East Region, North East Area Site Category: Other Landfill Sites Taking Special Waste Max Input Rate: Not Supplied Licence Status: Modified Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	B9NW (NW)	0	1	456851 524045

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	Licensed Waste Management Facilities (Landfill Boundaries) Name: Warrenby Licence Number: 60138 Location: Teesside Division, Steel House, Redcar, Cleveland, TS10 5QW Licence Holder: Corus Construction & Industrial (British Steel Plc) Authority: Environment Agency - North East Region, North East Area Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Issued Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	B14SW (N)	168	1	457605 524408
63	Licensed Waste Management Facilities (Locations) Licence Number: 60092 Location: Land/ Premises At, Bran Sands, Redcar, Cleveland, TS6 6UE Operator Name: I C I Chemicals & Polymers Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Other Landfill Sites Taking Special Waste Licence Status: Modified Issued: 24th May 1977 Last Modified: 5th June 2002 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	B9SE (W)	0	1	457023 523671
64	Licensed Waste Management Facilities (Locations) Licence Number: 60138 Location: Teesside Division, Steel House, Redcar, Cleveland, TS10 5QW Operator Name: Corus Construction & Industrial (British Steel Plc) Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Household, Commercial And Industrial Waste Landfills Licence Status: Issued Issued: 14th June 1977 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 10m	B14SW (N)	249	1	457643 524486
	Local Authority Landfill Coverage Name: Redcar and Cleveland Unitary Council - Has no landfill data to supply		0	8	457384 523786

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	<p>Registered Landfill Sites</p> <p>Licence Holder: Langbaugh On Tees Borough Council Licence Reference: CLE 255 Site Location: West Of Roundabout, Junc. A 1085/W.Coatham Lane, Grangetown, Middlesbrough, Cleveland</p> <p>Licence Easting: 457480 Licence Northing: 523790 Operator Location: Cargo Fleet Office, 20 Middlesbrough Road, MIDDLESBROUGH, Cleveland, TS6 6EL</p> <p>Authority: Environment Agency - North East Region, Dales Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)</p> <p>Waste Source: No known restriction on source of waste Restrictions: Status: Licence known to be surrenderedSurrendered Dated: 30th November 1992 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Clean Brick & Concrete Rubble Construction Ind.Waste Comprising Similar Non-Reactive Mat'Ls Slate Tiles, Glass, Ceramics Stone, Clay, Soils</p> <p>Prohibited Waste: Biodegradable Waste Contamination With Chemicals Liable To Cause Environmental Hazards Poisonous, Noxious, Polluting Wastes Special Wastes Waste N.O.S.</p>	B10SW (E)	0	1	457480 523790

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	<p>Registered Landfill Sites</p> <p>Licence Holder: I.C.I. Chemicals & Polymers Ltd Licence Reference: CLE 24/9 Site Location: Bran Sands Waste Disposal Site, Wilton Works, Middlesbrough, Cleveland Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: PO.Box 90, Wilton, MIDDLESBROUGH, Cleveland, TS6 8JE Authority: Environment Agency - North East Region, Dales Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Operational as far as is knownOperational Dated: 1st July 1988 Preceded By: CLE 24/2 Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste Alkalis All Inorganic Compounds Asbestos Canteen Waste Commercial Waste Construction Ind. Wastes Contaminated Materials \$ Fuels, Oils, Greases Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Potentially Combustible Interceptor Waste, Tar, Paint Etc \$ Maximum Waste Specified In Lic. Metal Oxides Metals As Trace Contam.Of Group J Miscellaneous Chemical Waste Miscellaneous Wastes Non-Toxic Metal Compounds Organic Acids + Related Cmpds Organic Compounds Other Inorganic Materials Polymeric Materials And Precursors Toxic Metal Compounds Prohibited Waste Arsenates & Arsenites Fellmongers Waste Ferro And Ferri Cyanides Fluorides Etc \$ Hypochlorites And Chlorites Inorganic Peroxides Liable To Cause Environmental Hazards Organic Peroxides Other Halogenated Organics Pcb'S And Analogues Sodium/Potassium Cyanides Soluble Complex Cyanides Sulphides, Selen'S, Tell'S, Arsen'S \$ Tannery Waste Tetra Ethyl Lead Tetra Methyl Lead Waste N.O.S. Waste React.W/Water -Airborne Hazard Wastes Likely To Cause Odour Emission</p>	B9NW (NW)	0	1	456897 524026

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	Control of Major Accident Hazards Sites (COMAH) Name: Sahaviriya Steel Industries Uk Limited Location: Steel House, Redcar, Cleveland, Ts10 5qw Reference: Not Supplied Type: Upper Tier Status: Active Positional Accuracy: Manually positioned to the address or location	B10NE (NE)	167	4	457691 524154
67	Control of Major Accident Hazards Sites (COMAH) Name: Corus Uk Ltd Location: Redcar Works, P O Box 29, Lackenby, REDCAR, Cleveland, TS10 5QW Reference: Not Supplied Type: Upper Tier Status: Active Positional Accuracy: Manually positioned to the address or location	B10NE (NE)	177	4	457696 524168
68	Notification of Installations Handling Hazardous Substances (NIHHS) Name: British Steel Corporation Limited Location: Redcar Works, REDCAR, Cleveland, TS10 5QW Status: Record Ceased To Be Supplied Under NIHHS Regulations (1982) Positional Accuracy: Manually positioned to the address or location	B10NE (NE)	177	4	457696 524168
69	Planning Hazardous Substance Consents Name: British Steel Plc Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Redcar and Cleveland Borough Council, Planning Department Application Ref: L/92/0971/HD Hazardous: Part C, Flammable Substance (Not in Parts A&B), Gas or gases flammable in Substance: air, when held as a gas, where amount held is >= 15tonnes Maximum Quantity: 161.2 Application date: Not Supplied Decision: Deemed consent granted between June 1992 and November 1992Granted Positional Accuracy: Automatically positioned to the address	B10NE (NE)	181	5	457706 524154
69	Planning Hazardous Substance Consents Name: British Steel Plc Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Redcar and Cleveland Borough Council, Planning Department Application Ref: L/92/0971/HD Hazardous: Part C, Flammable Substance (Not in Parts A&B), Liquefied petroleum gas Substance: held at >1.4 bar where amount held is greater than or equal to 25 tonnes Maximum Quantity: 195 Application date: Not Supplied Decision: Deemed consent granted between June 1992 and November 1992Granted Positional Accuracy: Automatically positioned to the address	B10NE (NE)	183	5	457706 524159
69	Planning Hazardous Substance Consents Name: British Steel Plc Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Redcar and Cleveland Borough Council, Planning Department Application Ref: L/92/0971/HD Hazardous: Part C, Flammable Substance (Not in Parts A&B), Liquefied petroleum gas Substance: held at >1.4 bar where amount held is greater than or equal to 25 tonnes Maximum Quantity: 195 Application date: Not Supplied Decision: Deemed consent granted between June 1992 and November 1992Granted Positional Accuracy: Automatically positioned to the address	B10NE (NE)	183	5	457706 524159
69	Planning Hazardous Substance Consents Name: British Steel Plc Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Redcar and Cleveland Borough Council, Planning Department Application Ref: L/92/0971/HD Hazardous: Part C, Flammable Substance (Not in Parts A&B), Gas or gases flammable in Substance: air, when held as a gas, where amount held is >= 15tonnes Maximum Quantity: 603 Application date: Not Supplied Decision: Deemed consent granted between June 1992 and November 1992Granted Positional Accuracy: Automatically positioned to the address	B10NE (NE)	185	5	457706 524164

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	<p>Planning Hazardous Substance Consents</p> <p>Name: British Steel Plc Location: Teeside Works, Steel House, REDCAR, Cleveland, TS10 5QW Authority: Redcar and Cleveland Borough Council, Planning Department Application Ref: L/92/0971/HD Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Gas or gases flammable in air, when held as a gas, where amount held is >= 15tonnes Maximum Quantity: 603 Application date: Not Supplied Decision: Deemed consent granted between June 1992 and November 1992Granted Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	185	5	457706 524164
69	<p>Planning Hazardous Substance Consents</p> <p>Name: Bsc Location: Teeside Site, Redcar, . Authority: Redcar and Cleveland Borough Council, Planning Department Application Ref: R/1999/746/Hd Hazardous Substance: Combination of Dangerous Substances Maximum Quantity: 0 Application date: Not Supplied Decision: Deemed Consent GrantedGranted Positional Accuracy: Automatically positioned to the address</p>	B10NE (NE)	185	5	457706 524164
70	<p>Planning Hazardous Substance Consents</p> <p>Name: Air Products UK Plc Location: Limerick Road, REDCAR, Cleveland, TS10 5JU Authority: Redcar and Cleveland Borough Council, Planning Department Application Ref: L/92/0811/HD Hazardous Substance: Part B, Highly Reactive and Explosive Substance, Hydrogen, where amount held is greater than or equal to 2 tonnes Maximum Quantity: 4 Application date: Not Supplied Decision: Deemed consent granted between June 1992 and November 1992Granted Positional Accuracy: Automatically positioned to the address</p>	B10SE (E)	197	5	457813 523922

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lower Lias	B10SW (NE)	0	3	457384 523786
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	B5NW (SW)	0	6	457000 523511
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	B9SW (W)	0	6	457000 523684
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	B9SW (W)	0	6	457000 523786
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	B10SW (W)	0	6	457367 523780
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	B9SW (W)	0	6	457000 523849
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	B9NE (NW)	0	6	457090 523972

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: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	B9SE (NW)	0	6	457235 523927
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	B10SW (NE)	0	6	457384 523786
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	B9NW (NW)	0	6	457000 524000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	B9NE (NW)	0	6	457098 524000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	B9NE (N)	0	6	457298 524000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	B10NW (N)	0	6	457384 524000

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: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	B6SW (S)	150	6	457384 523000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	B10SE (E)	183	6	458000 523743
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	B5SW (SW)	300	6	457000 523000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	B10SE (E)	306	6	458000 523786
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	B7NW (E)	327	6	458219 523576
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	B10NE (E)	399	6	458000 524000

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: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	B6SE (SE)	411	6	458000 523000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	B6SE (SE)	412	6	458004 523000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	B6SE (SE)	416	6	458000 522994
71	BGS Recorded Mineral Sites Site Name: Wiley Bridge Plantation Clay Pit Location: , Redcar, Cleveland Source: British Geological Survey, National Geoscience Information Service Reference: 110297 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Tidal Flat Deposits Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	B11NW (E)	478	3	458068 524042
	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				
	Mining Instability Mining Evidence: Inconclusive Evaporites Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	B10SW (NE)	0	-	457384 523786
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10SW (NE)	0	3	457384 523786
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10SW (W)	0	3	457367 523781
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9SE (NW)	0	3	457213 523904

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NE (NW)	0	3	457268 523962
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9SE (NW)	0	3	457235 523928
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B10SW (NE)	0	3	457384 523786
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B5NW (SW)	69	3	456707 523473
	Potential for Ground Dissolution Stability Hazards No Hazard				
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10SW (NE)	0	3	457384 523786
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B9SE (W)	0	3	457342 523771
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B9SE (NW)	0	3	457213 523904
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B9NE (NW)	0	3	457268 523962
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9SE (NW)	0	3	457235 523928
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B9SE (NW)	0	3	457213 523904
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B9NE (NW)	0	3	457268 523962
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10SW (W)	0	3	457367 523781
	Potential for Running Sand Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	B10SW (NE)	0	3	457384 523786
	Potential for Running Sand Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	B5NW (SW)	69	3	456707 523473
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9SE (NW)	0	3	457235 523928
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9NE (NW)	0	3	457090 523972
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B10SW (W)	0	3	457367 523781
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B6NW (S)	0	3	457400 523570
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10SW (NE)	0	3	457384 523786
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	B10SW (NE)	0	3	457384 523786

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Radon Potential - Radon Affected Areas</p> <p>Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	B10SW (NE)	0	3	457384 523786

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	Contemporary Trade Directory Entries Name: Metallock Industrial Services Ltd Location: Vienna Ct, Kirkleatham Business Pk, Redcar, Cleveland, TS10 5SH Classification: Engineering Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	B10SW (NE)	0	-	457532 523919
73	Contemporary Trade Directory Entries Name: Corus Location: Steel House, Redcar, Cleveland, TS10 5QW Classification: Steel Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	B10NE (NE)	167	-	457691 524154
73	Contemporary Trade Directory Entries Name: British Steel Plc Location: Steel House, Redcar, Cleveland, TS10 5QW Classification: Steel Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	B10NE (NE)	167	-	457691 524154
73	Contemporary Trade Directory Entries Name: M & G Fuels Ltd Location: Steel House, Redcar, Cleveland, TS10 5QW Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	B10NE (NE)	167	-	457691 524154
73	Contemporary Trade Directory Entries Name: Harsco Metals Location: Steel House, Redcar, Cleveland, TS10 5QW Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	B10NE (NE)	167	-	457691 524154
74	Contemporary Trade Directory Entries Name: Air Products Plc Location: Limerick Road, Redcar, Cleveland, TS10 5JU Classification: Gas Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	B10SE (E)	199	-	457813 523927
75	Contemporary Trade Directory Entries Name: The Mot Centre Location: Unit A Limerick Rd, Redcar, Cleveland, TS10 5JU Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	B10SE (E)	236	-	457850 523935
75	Contemporary Trade Directory Entries Name: Budget Tyres & Auto Centre Location: 5, Limerick Road, Redcar, Cleveland, TS10 5JU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	B10SE (E)	243	-	457866 523914













Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Redcar and Cleveland Borough Council - Development Department	January 2013	Annual Rolling Update
Discharge Consents Environment Agency - North East Region	October 2013	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - North East Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - North East Region	October 2013	Quarterly
Local Authority Integrated Pollution Prevention And Control Redcar and Cleveland Borough Council - Environmental Health Department	May 2012	Annual Rolling Update
Local Authority Pollution Prevention and Controls Redcar and Cleveland Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Redcar and Cleveland Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North East Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - North East Region	March 2013	As notified
Registered Radioactive Substances Environment Agency - North East Region	October 2013	Quarterly
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 - North East Region - Dales Area Environment Agency - North East Region - North East Area	October 2013 October 2013	Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	October 2013	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	October 2013	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Source Protection Zones Environment Agency - Head Office	October 2013	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2013	Quarterly

Agency & Hydrological	Version	Update Cycle
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2013	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	August 2013	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2013	Quarterly
Flood Defences Environment Agency - Head Office	August 2013	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	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 - North East Region - Dales Area Environment Agency - North East Region - North East Area Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area	October 2013 October 2013 October 2013 October 2013 October 2013 October 2013	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area	October 2013 October 2013 October 2013 October 2013 October 2013 October 2013	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area	July 2013 July 2013	Quarterly Quarterly
Local Authority Landfill Coverage Redcar and Cleveland Borough Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites Redcar and Cleveland Borough Council	May 2000	Not Applicable
Registered Landfill Sites Environment Agency - North East Region - Dales Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Dales Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Dales Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	August 2013	Bi-Annually
Explosive Sites Health and Safety Executive	November 2013	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Redcar and Cleveland Borough Council - Planning Department	August 2012	Annual Rolling Update
Planning Hazardous Substance Consents Redcar and Cleveland Borough Council - Planning Department	August 2012	Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2013	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2012	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	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
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	August 2013	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2013	Quarterly

Sensitive Land Use	Version	Update Cycle
Areas of Outstanding Natural Beauty Natural England	July 2013	Bi-Annually
Environmentally Sensitive Areas Natural England	July 2013	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	July 2013	Bi-Annually
Marine Nature Reserves Natural England	July 2013	Bi-Annually
National Nature Reserves Natural England	July 2013	Bi-Annually
National Parks Natural England	July 2013	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2013	Annually
Ramsar Sites Natural England	July 2013	Bi-Annually
Sites of Special Scientific Interest Natural England	July 2013	Bi-Annually
Special Areas of Conservation Natural England	July 2013	Bi-Annually
Special Protection Areas Natural England	July 2013	Bi-Annually

A selection of organisations who provide data within this report

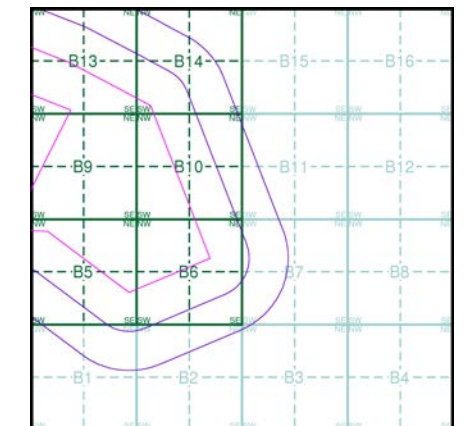
Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <p>British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Centre for Ecology and Hydrology	 <p>Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Countryside Council for Wales	 <p>CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES</p>
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	Redcar and Cleveland Borough Council - Environmental Health Department Belmont House, Rectory Lane, Guisborough, Cleveland, TS14 7FD	Telephone: 01642 444000 Fax: 01642 444667 Website: www.redcar-cleveland.gov.uk
3	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
4	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
5	Redcar and Cleveland Borough Council - Planning Department Belmont House, Rectory Lane, Guisborough, Cleveland, TS14 6FD	Telephone: 01642 444000 Fax: 01642 444882 Website: www.redcar-cleveland.gov.uk
6	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
7	Natural England Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
8	Redcar and Cleveland Borough Council Town Hall, Fabian Road, South Bank, Middlesbrough, Cleveland, TS6 9AR	Telephone: 01642 444000 Website: www.redcar-cleveland.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control 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
- 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
 - 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
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Slice B

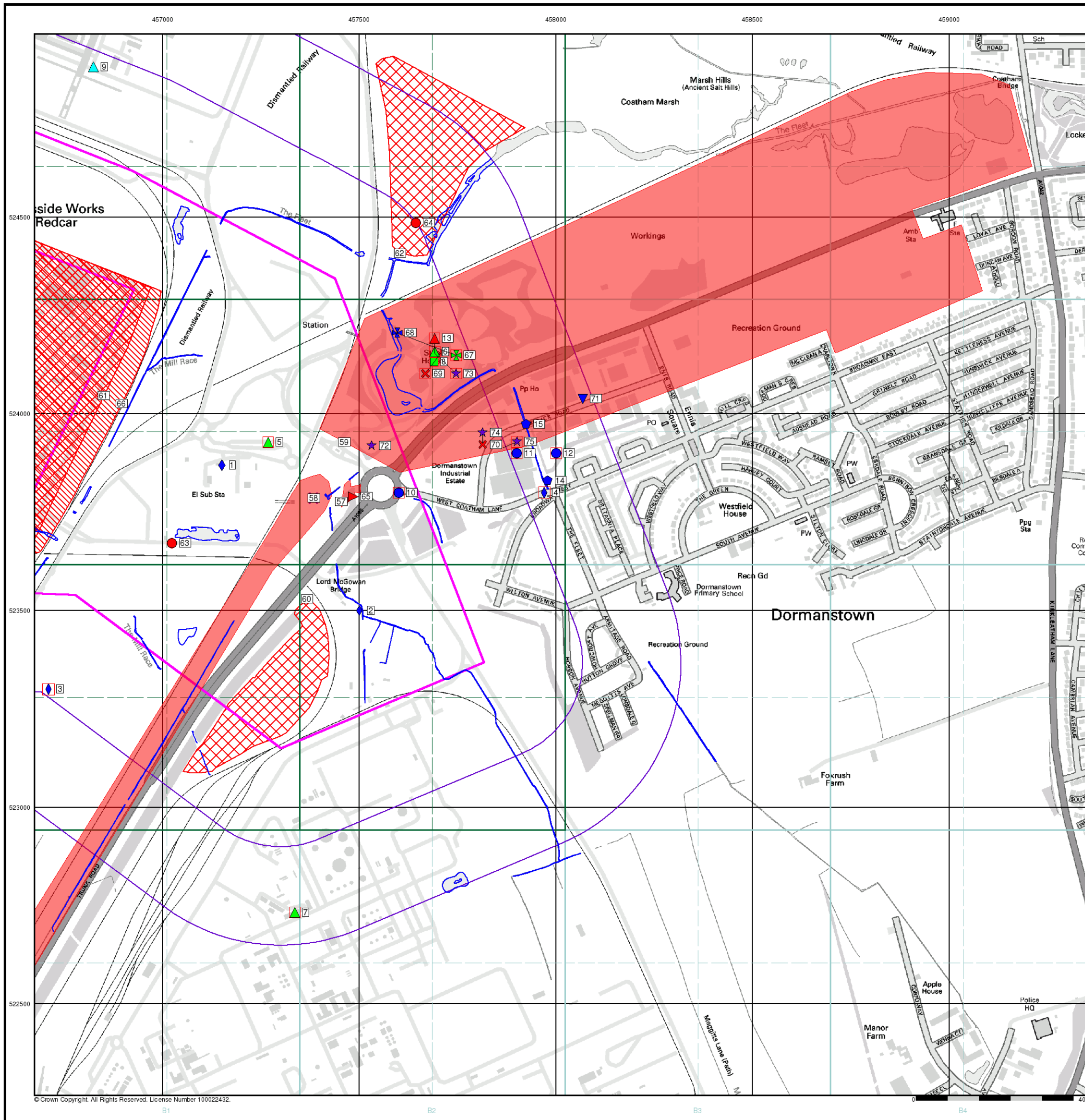


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details






Site at, Bran Sands, Redcar & Cleveland



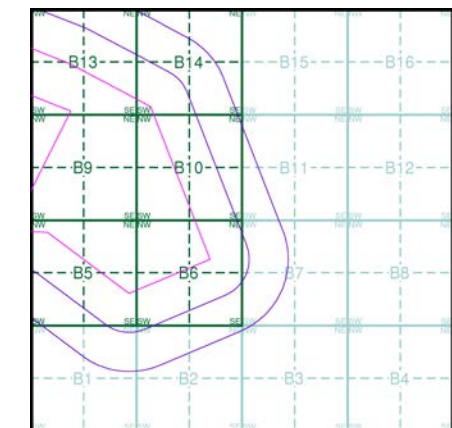
General

-  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 B



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500






Site Details

Site at, Bran Sands, Redcar & Cleveland








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General

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

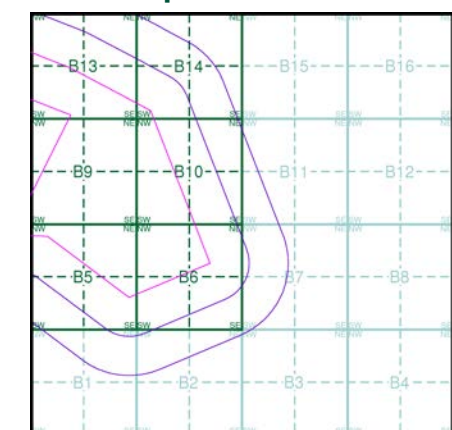
Agency and Hydrological (Boreholes)

-  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 B

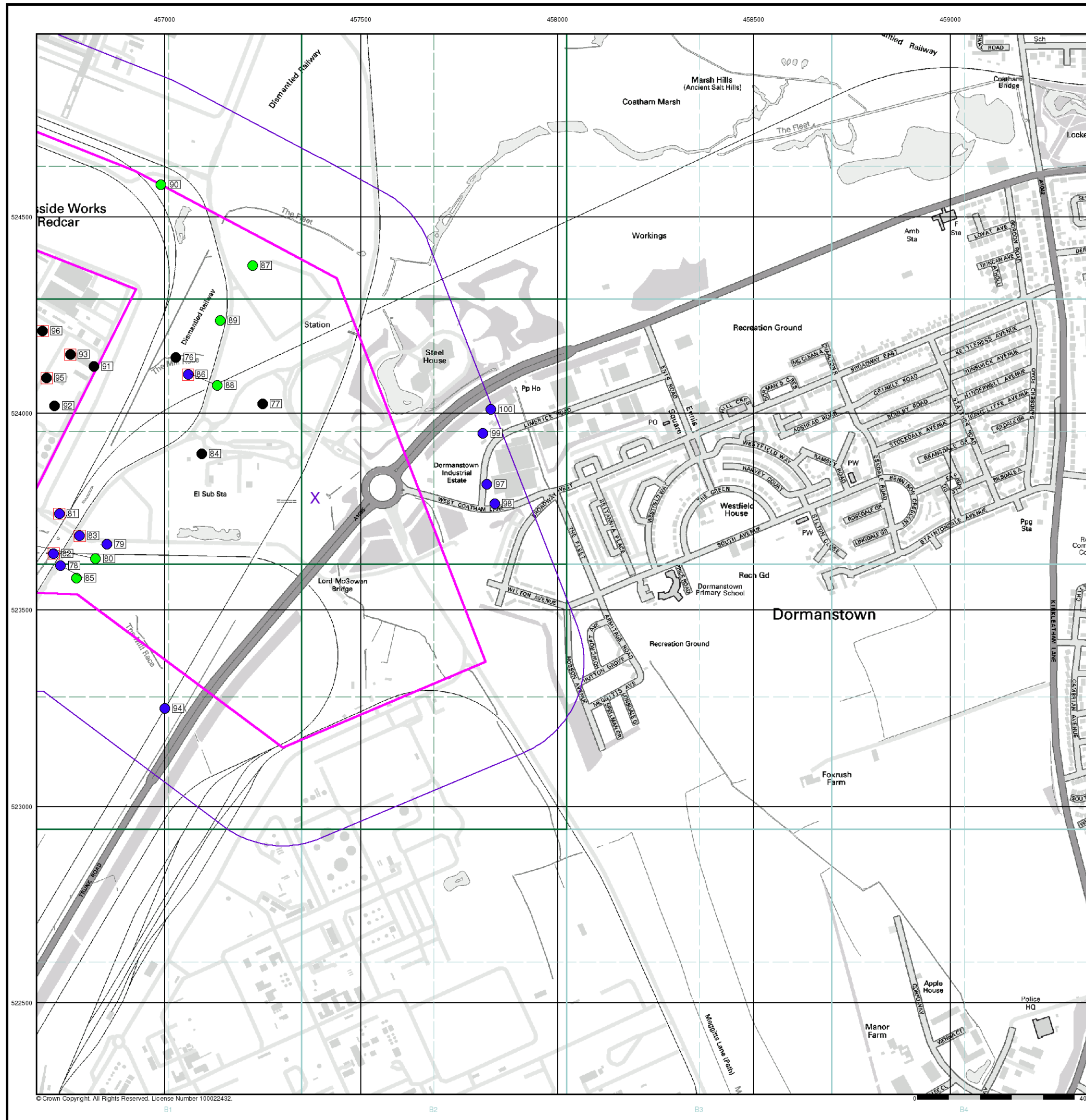


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



General

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

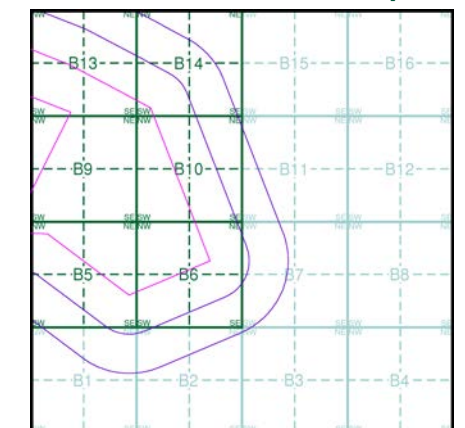
EA Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature

Contours (height in metres)

- Standard Contour 105
- Index Contour 100
- 167.3 Spot Height
- 45.8 Air Height

EA Detailed River Network Map - Slice B

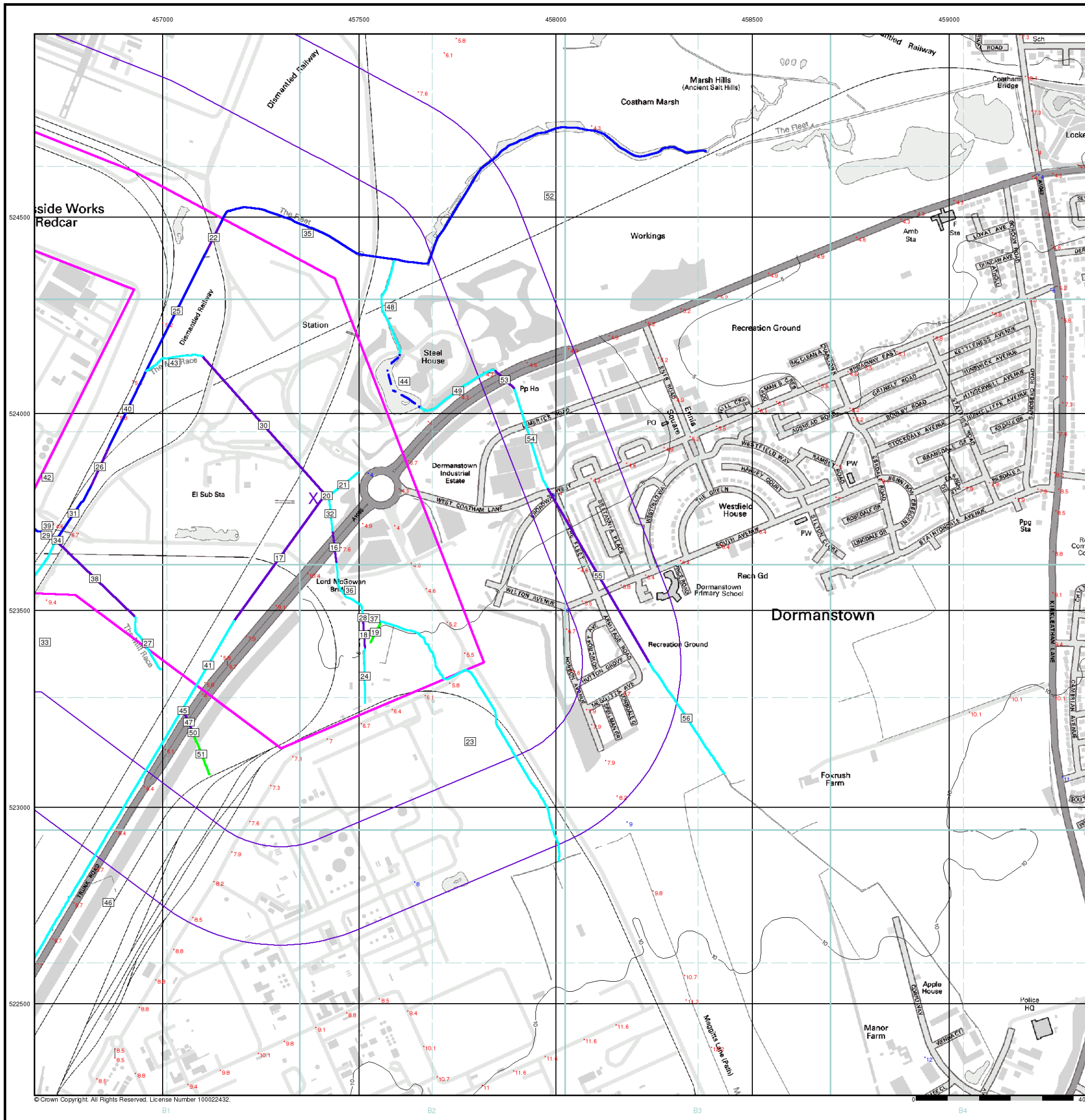


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
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 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



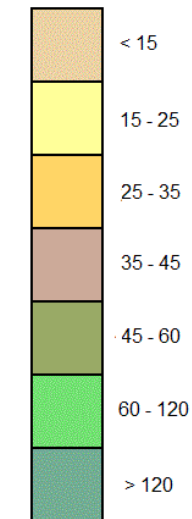
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General

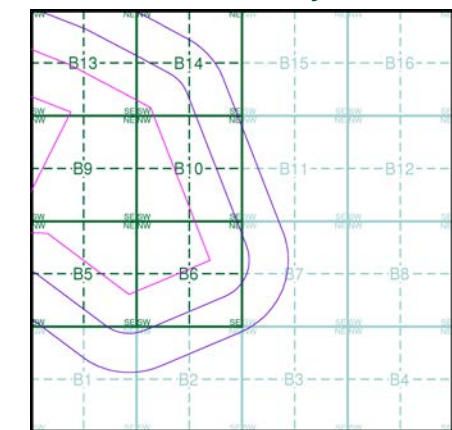
- ⬢ Specified Site
- ⬢ Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice B

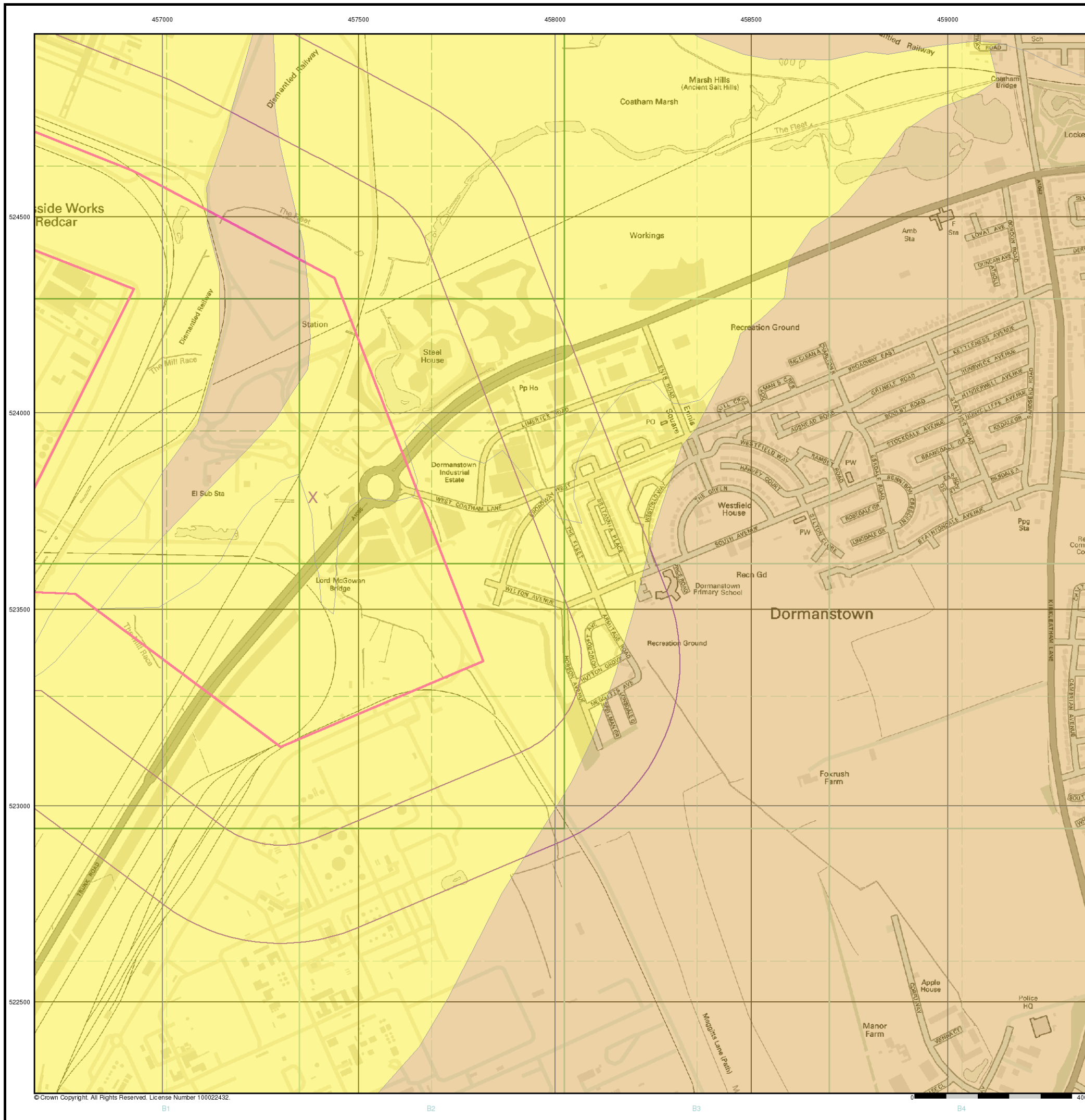


Order Details

Order Details: 51235247_1_1
 Customer Ref: 9Y0989-105-100
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 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



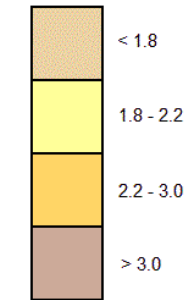
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General

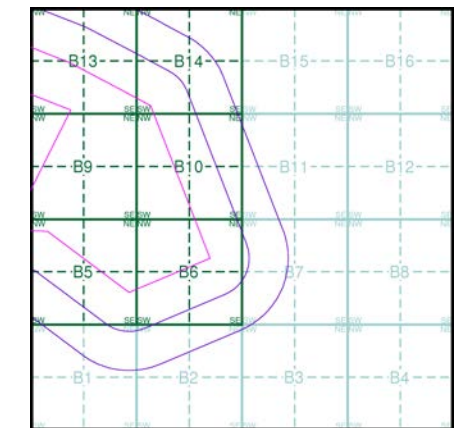
✱ Specified Site
 ○ Specified Buffer(s)
 ✕ Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice B

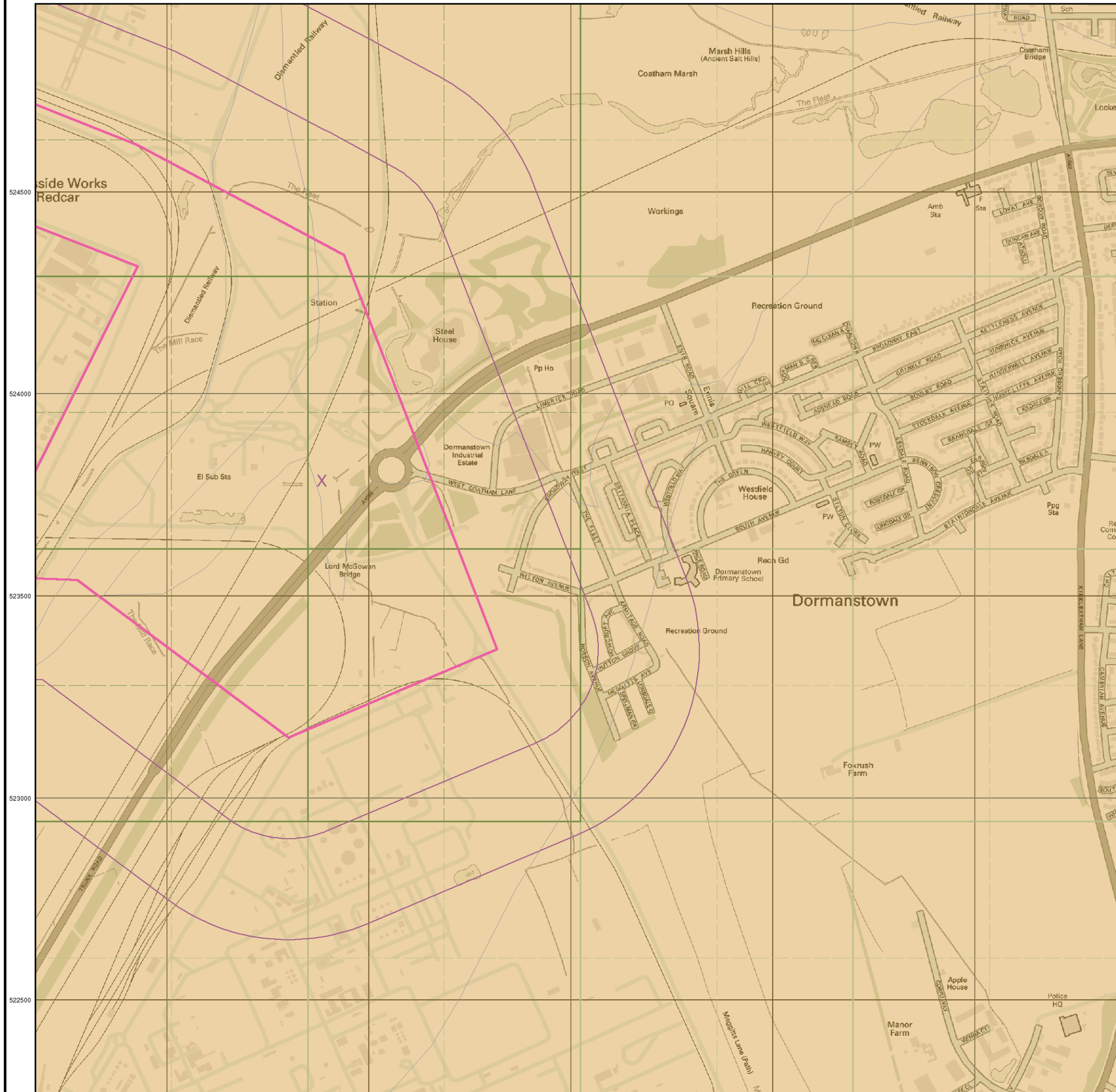


Order Details

Order Details: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland

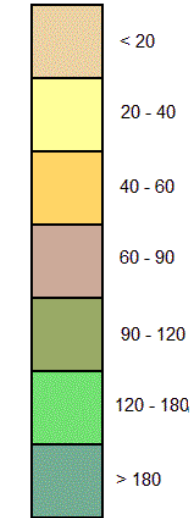


General

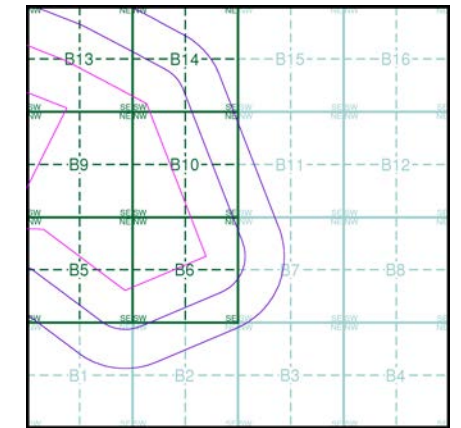
✱ Specified Site
 ○ Specified Buffer(s)
 ✕ Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice B



Order Details

Order Details: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland

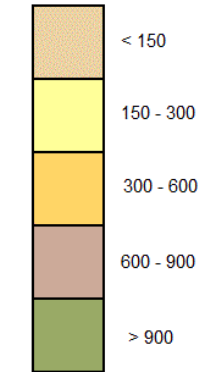


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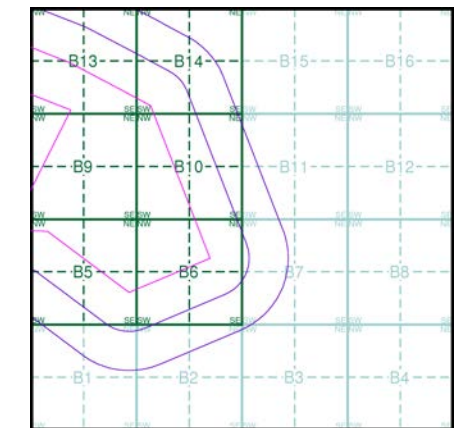
- ✱ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice B

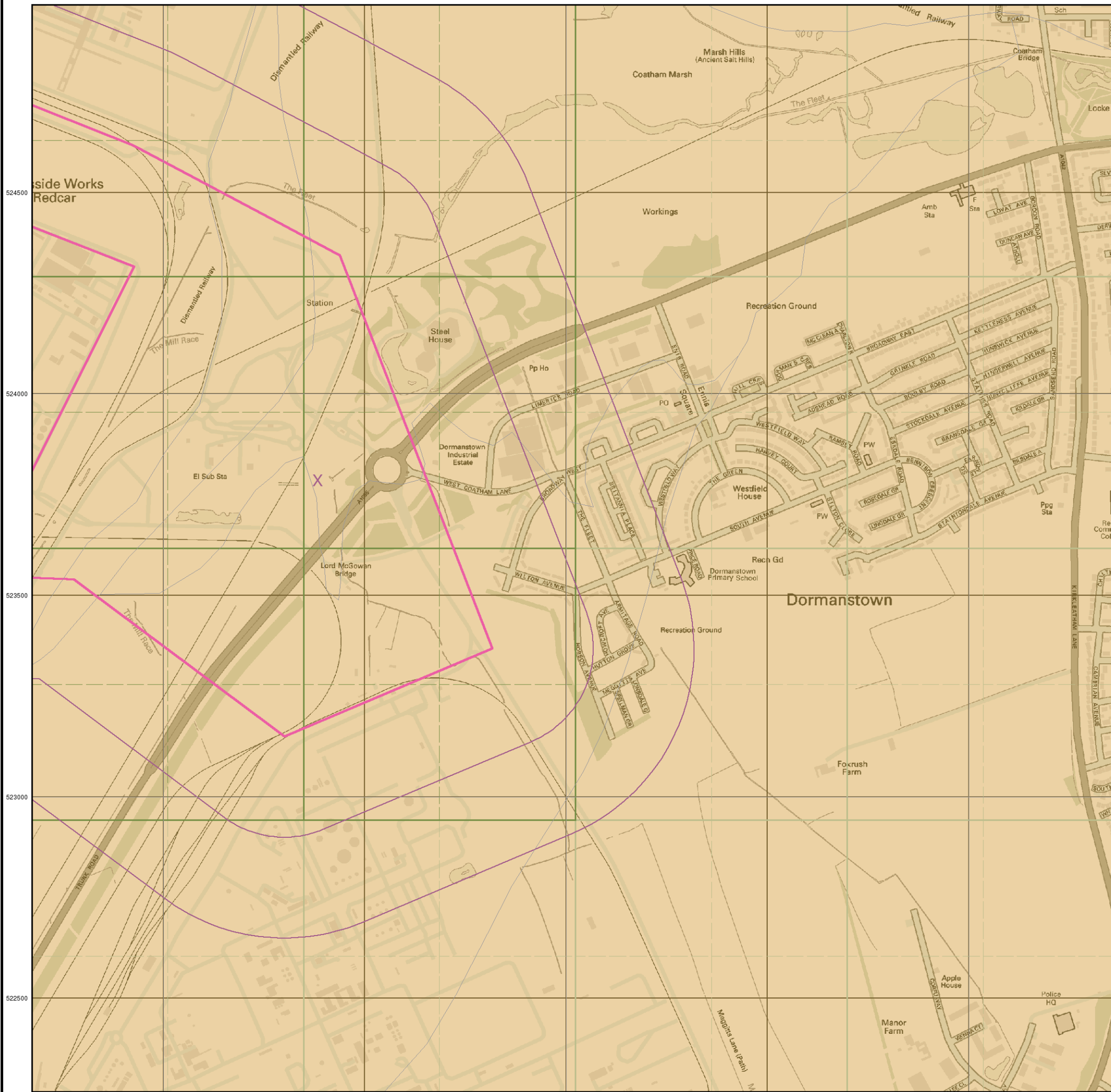


Order Details

Order Details: 51235247_1_1
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 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland

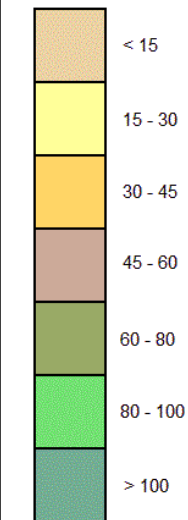


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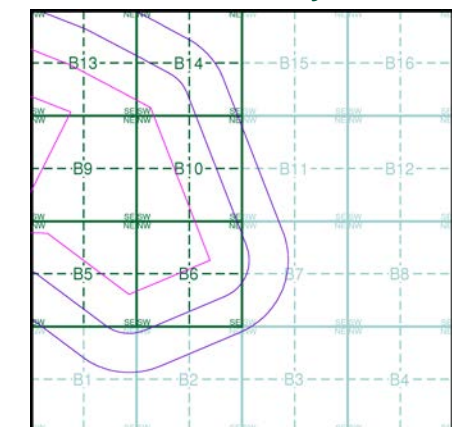
✱ Specified Site
 ○ Specified Buffer(s)
 ✕ Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice B

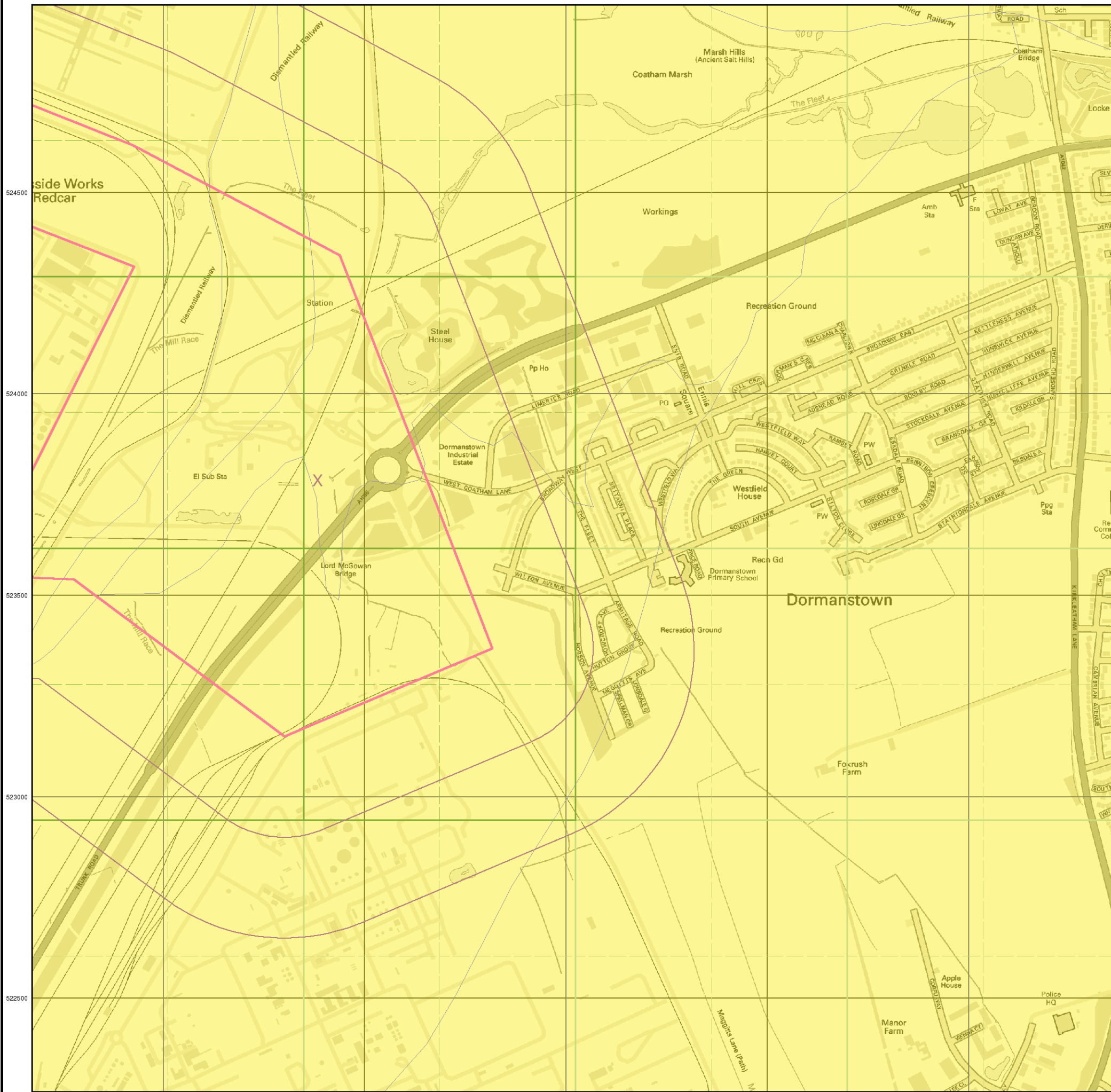


Order Details

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 Search Buffer (m): 500

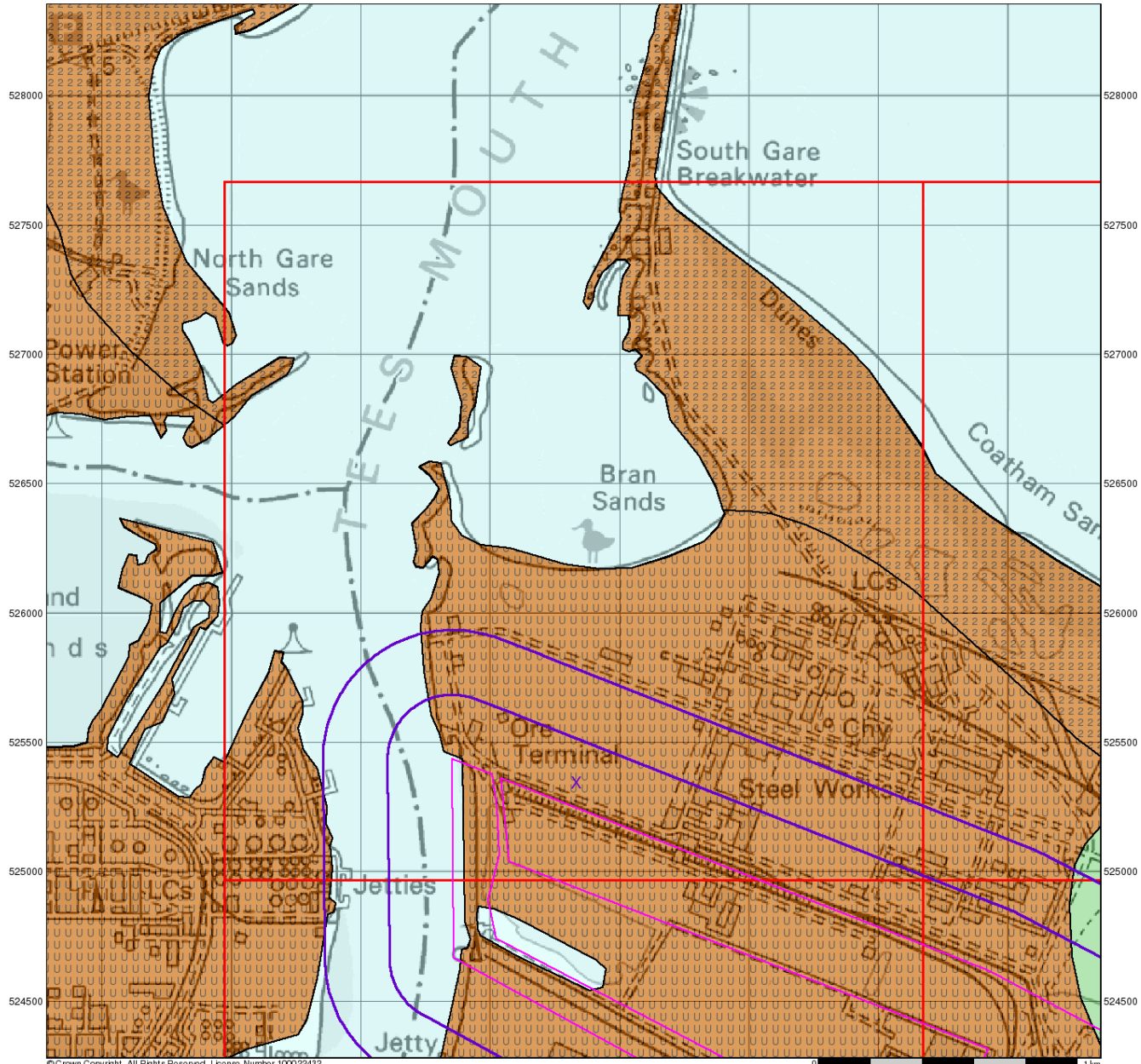
Site Details

Site at, Bran Sands, Redcar & Cleveland



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0 1 km



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 C



Order Details

Order Number: 51235247_1.1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

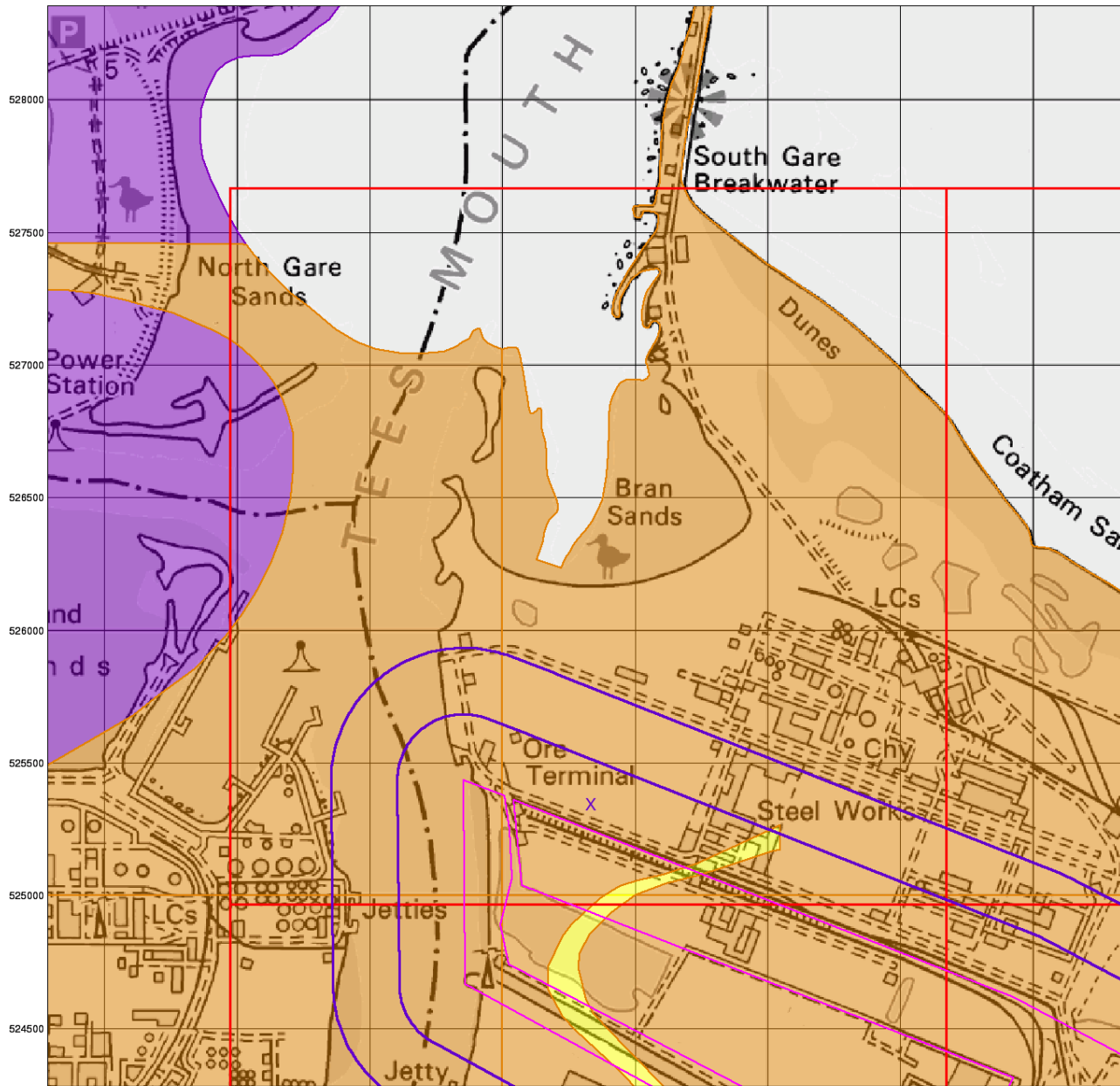
Site Details

Site at, Bran Sands, Redcar & Cleveland



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

453500 454000 454500 455000 455500 456000 456500 457000



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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

Site Sensitivity Context Map - Slice C



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

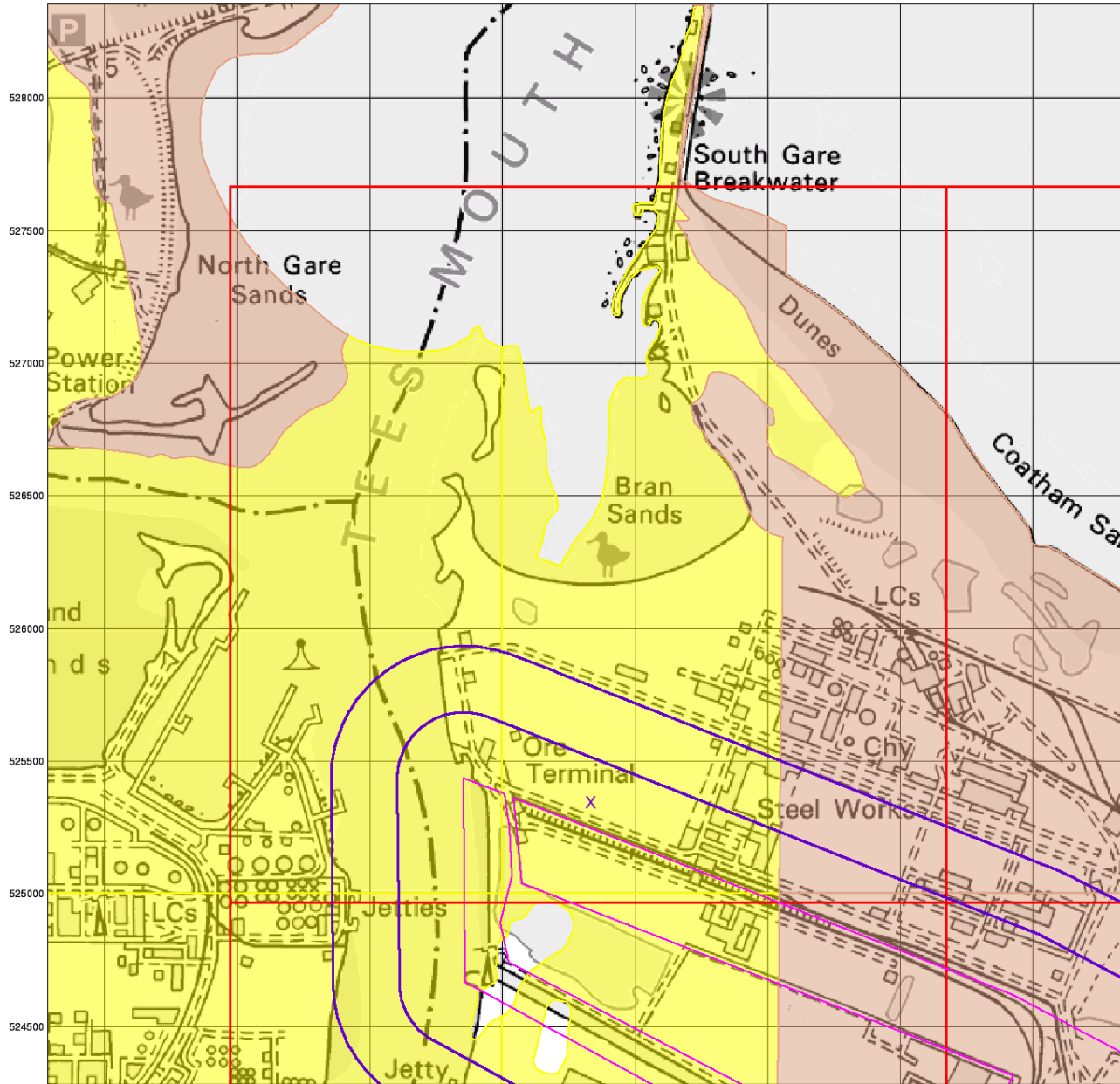
Site Details

Site at, Bran Sands, Redcar & Cleveland



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

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0 1 km



Superficial Aquifer Designation

General

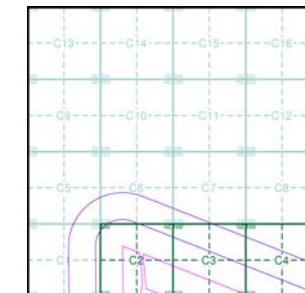
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice C



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

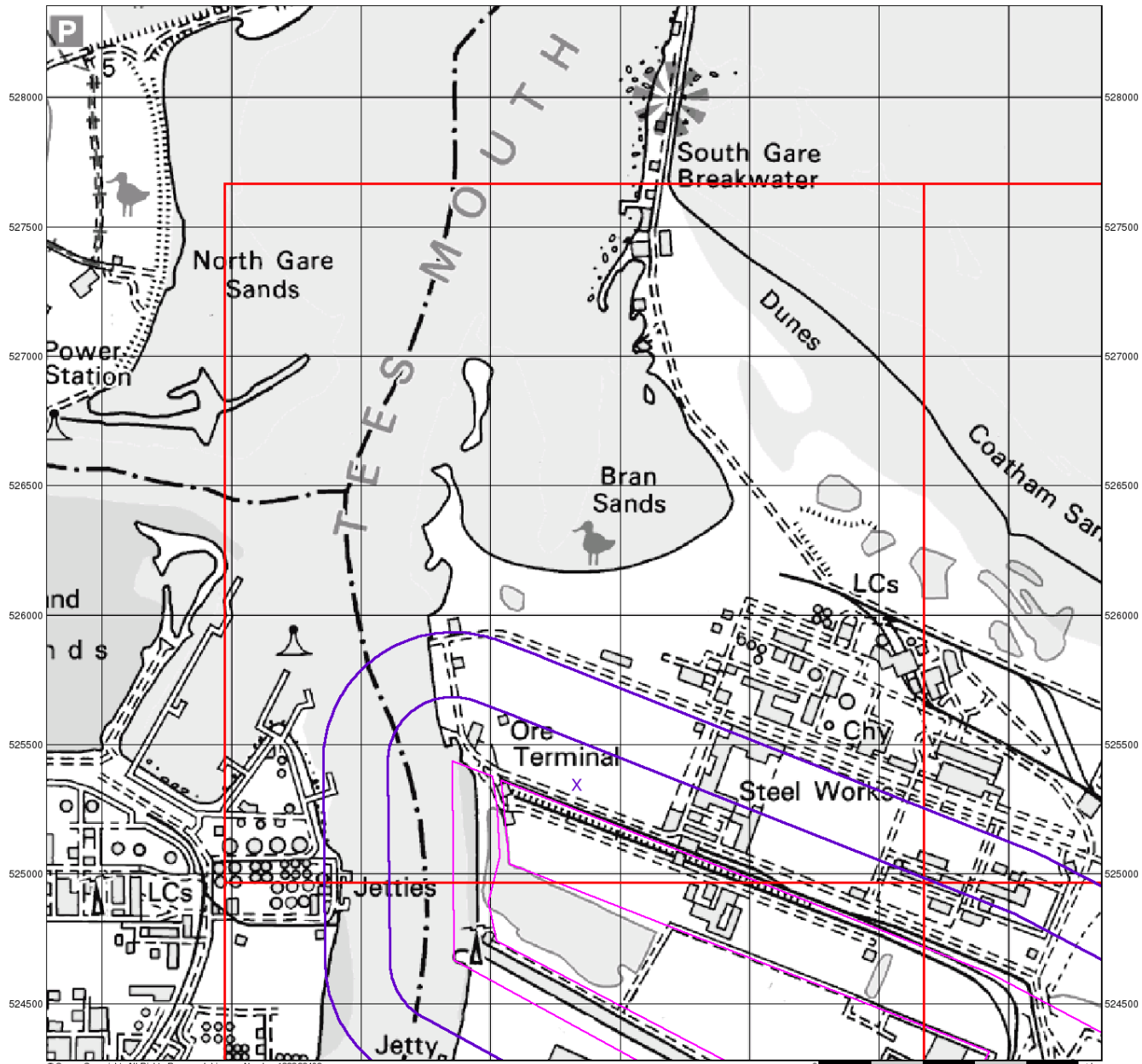
Site Details

Site at, Bran Sands, Redcar & Cleveland



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

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0 1 km



Source Protection Zones

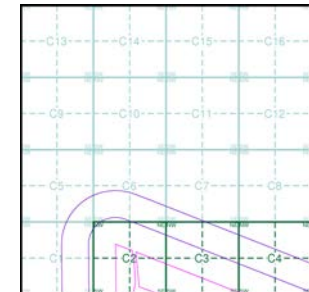
General

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

Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice C



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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

453500 454000 454500 455000 455500 456000 456500 457000



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0 1 km



Sensitive Land Uses

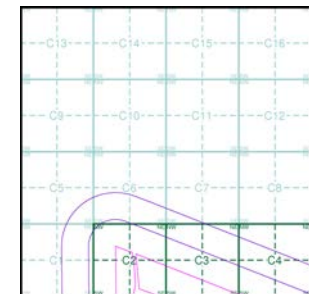
General

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

Sensitive Land Uses

- 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

Site Sensitivity Context Map - Slice C



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

51235247_1_1

Customer Reference:

9Y0989-105-100

National Grid Reference:

455340, 525340

Slice:

C

Site Area (Ha):

195.25

Search Buffer (m):

500

Site Details:

Site at

Bran Sands

Redcar & Cleveland

Client Details:

MR D Fives

HaskoningDHV UK Ltd

Rightwell House

Bretton

Peterborough

PE3 8DW

Prepared For:

York Potash Ltd

Bran Sands

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	5
Hazardous Substances	7
Geological	8
Industrial Land Use	-
Sensitive Land Use	-
Data Currency	13
Data Suppliers	18
Useful Contacts	19

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 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 v47.0

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

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites				
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)	pg 5	1		
Licensed Waste Management Facilities (Locations)				
Local Authority Recorded Landfill Sites				
Registered Landfill Sites	pg 5	1		1
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites	pg 6			1
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)				
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents	pg 7			2
Planning Hazardous Substance Enforcements				
Geological				
BGS 1:625,000 Solid Geology	pg 8	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 8	Yes	Yes	Yes
BGS Recorded Mineral Sites				
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
Brine Compensation Area			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards	pg 11	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 11	Yes		n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 11	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 11	Yes		n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 12	Yes		n/a
Radon Potential - Radon Affected Areas			n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Industrial Land Use				
Contemporary Trade Directory Entries				n/a
Fuel Station Entries				
Sensitive Land Use				
Areas of Adopted Green Belt				
Areas of Unadopted Green Belt				
Areas of Outstanding Natural Beauty				
Environmentally Sensitive Areas				
Forest Parks				
Local Nature Reserves				
Marine Nature Reserves				
National Nature Reserves				
National Parks				
Nitrate Sensitive Areas				
Nitrate Vulnerable Zones				
Ramsar Sites				
Sites of Special Scientific Interest				
Special Areas of Conservation				
Special Protection Areas				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Dorman, Long And Company Ltd Property Type: Sewage Disposal Works - Other Location: Reclamation Of Bran Sands, Bran Sands, Teesside, Stockton On Tees Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/B/0123 Permit Version: 1 Effective Date: 25th July 1969 Issued Date: 25th July 1969 Revocation Date: 30th September 1996 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Tidal Waters Of Tees Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 10m</p>	C2NW (W)	0	1	454900 525400
2	<p>Discharge Consents</p> <p>Operator: The Secretary, Heavy Organic Chemical Division Property Type: Sewage Disposal Works - Other Location: Reclamation Of Bran Sands, Bran Sands, Teesside, Stockton On Tees Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/B/0122 Permit Version: 1 Effective Date: 25th June 1969 Issued Date: 25th June 1969 Revocation Date: 30th September 1996 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Tidal Waters Of Tees Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 10m</p>	C2SW (W)	0	1	454900 525200
3	<p>Discharge Consents</p> <p>Operator: Seal Sands Storage Limited Property Type: Industrial Parks & Estates Location: Seal Sands Storage Limited Seal Sands Terminal, Seal Sands Road, Seal Sands, Middlesbrough, Ts2 1ub Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1955 Permit Version: 1 Effective Date: 29th August 2007 Issued Date: 29th August 2007 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contaminated Surface Water, Not Waste Sites) Discharge: Saline Estuary Environment: Receiving Water: River Tees Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	C1SE (W)	407	1	454450 525080
3	<p>Discharge Consents</p> <p>Operator: Seal Sands Storage Limited Property Type: Industrial Parks & Estates Location: Seal Sands Storage Limited Seal Sands Terminal, Seal Sands Road, Seal Sands, Middlesbrough, Ts2 1ub Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1754 Permit Version: 1 Effective Date: 20th December 2004 Issued Date: 20th December 2004 Revocation Date: 30th November 2005 Discharge Type: Trade Discharges - Site Drainage (Contaminated Surface Water, Not Waste Sites) Discharge: Saline Estuary Environment: Receiving Water: River Tees Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	C1SE (W)	407	1	454450 525080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Seal Sands Storage Limited Property Type: Industrial Parks & Estates Location: Seal Sands Storage Limited Seal Sands Terminal, Seal Sands Road, Seal Sands, Middlesbrough, Ts2 1ub Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1754 Permit Version: 2 Effective Date: 1st December 2005 Issued Date: 20th December 2004 Revocation Date: 28th August 2007 Discharge Type: Trade Discharges - Site Drainage (Contaminated Surface Water, Not Waste Sites) Discharge Environment: Saline Estuary Receiving Water: River Tees Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	C1SE (W)	407	1	454450 525080
	<p>Nearest Surface Water Feature</p>	C2SE (W)	0	-	455024 525296
4	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Chemical industry Location: Tees Estuary, SEALAND Authority: Environment Agency, North East Region Pollutant: Other Chemicals Note: Pollution Found; No Fish Killed Incident Date: 30th October 1996 Incident Reference: DD960329 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Saline Estuary Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	C1SE (W)	357	1	454501 525001
5	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - North East Region, North East Area Incident Date: 3rd October 2009 Incident Reference: 721753 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Dust</p>	C4NW (E)	401	1	456210 525330
6	<p>Water Abstractions</p> <p>Operator: Sahaviriya Steel Industries Uk Ltd Licence Number: 1/25/04/135 Permit Version: 103 Location: River Tees Estuary - Tidal Authority: Environment Agency, North East Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Redcar Power Station Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 24th March 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	C6SW (NW)	491	1	454700 525900
6	<p>Water Abstractions</p> <p>Operator: Tata Steel Uk Ltd Licence Number: 1/25/04/135 Permit Version: 102 Location: River Tees Estuary - Tidal Authority: Environment Agency, North East Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Redcar Power Station Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th November 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	C6SW (NW)	491	1	454700 525900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Water Abstractions Operator: Corus Uk Ltd Licence Number: 1/25/04/135 Permit Version: 101 Location: River Tees Estuary - Tidal Authority: Environment Agency, North East Region Abstraction: Metal: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): 728814 Yearly Rate (m3): 263827110 Details: Redcar Power Station Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	C6SW (NW)	491	1	454700 525900
6	Water Abstractions Operator: British Steel Plc Licence Number: 1/25/04/135 Permit Version: 100 Location: River Tees Estuary Authority: Environment Agency, North East Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 72272 Yearly Rate (m3): 263790 Details: Power Station Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	C6SW (NW)	491	1	454700 525900
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 5 Tyne And Tees Scale: 1:100,000	C2NW (W)	0	1	454895 525337
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 5 Tyne and Tees Scale: 1:100,000	(SW)	0	1	455112 524815
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 5 Tyne and Tees Scale: 1:100,000	(E)	0	1	457259 525019
	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 5 Tyne and Tees Scale: 1:100,000	C3NW (E)	0	1	455335 525344
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - Undifferentiated	C3SW (S)	0	2	455387 525000
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - Undifferentiated	C3SW (S)	0	2	455443 525035
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	C2SE (SW)	0	2	455000 525000
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	C2NE (W)	0	2	455000 525344
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	C3SW (S)	0	2	455335 525000
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	C3NW (E)	0	2	455335 525344

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	C3NW (E)	0	2	455335 525344
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	C3SW (S)	0	2	455335 525000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	C2NE (W)	0	2	455000 525344
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	C2SE (SW)	0	2	455000 525000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	C4SW (SE)	0	2	456045 525000
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	C2SE (SW)	0	1	455093 525138
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	C2NW (NW)	143	1	454815 525571
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	C2NW (W)	0	1	454947 525317
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
7	Detailed River Network Lines River Type: Down stream of High Water Mark River Name: Not Supplied Hydrographic Area: D013 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: RIVER TEES Name: Water Course: 0109 Reference:	C2SW (W)	101	1	454743 525241
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Bran Sands Licence Number: 60092 Location: Land/ Premises At, Bran Sands, Redcar, Cleveland, TS6 6UE Licence Holder: I C I Chemicals & Polymers Ltd Authority: Environment Agency - North East Region, North East Area Site Category: Other Landfill Sites Taking Special Waste Max Input Rate: Not Supplied Licence Status: Modified Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	C2NE (W)	0	1	455030 525310
	<p>Local Authority Landfill Coverage</p> <p>Name: Redcar and Cleveland Unitary Council - Has no landfill data to supply</p>		0	6	455335 525344
	<p>Local Authority Landfill Coverage</p> <p>Name: Stockton On Tees Unitary Council - Has supplied landfill data</p>		216	7	454637 525344
9	<p>Registered Landfill Sites</p> <p>Licence Holder: I.C.I. Chemicals & Polymers Ltd Licence Reference: CLE 24/9 Site Location: Bran Sands Waste Disposal Site, Wilton Works, Middlesbrough, Cleveland Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: PO.Box 90, Wilton, MIDDLESBROUGH, Cleveland, TS6 8JE Authority: Environment Agency - North East Region, Dales Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Operational as far as is knownOperational Dated: 1st July 1988 Preceded By: CLE 24/2 Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste Alkalis All Inorganic Compounds Asbestos Canteen Waste Commercial Waste Construction Ind. Wastes Contaminated Materials \$ Fuels, Oils, Greases Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Potentially Combustible Interceptor Waste, Tar, Paint Etc \$ Maximum Waste Specified In Lic. Metal Oxides Metals As Trace Contam.Of Group J Miscellaneous Chemical Waste Miscellaneous Wastes Non-Toxic Metal Compounds Organic Acids + Related Cmpds Organic Compounds Other Inorganic Materials Polymeric Materials And Precursors Toxic Metal Compounds Prohibited Waste Arsenates & Arsenites Fellmongers Waste Ferro And Ferri Cyanides Fluorides Etc \$ Hypochlorites And Chlorites Inorganic Peroxides Liable To Cause Environmental Hazards Organic Peroxides Other Halogenated Organics Pcb'S And Analogues Sodium/Potassium Cyanides Soluble Complex Cyanides Sulphides, Selen'S, Tell'S, Arsen'S \$ Tannery Waste Tetra Ethyl Lead Tetra Methyl Lead Waste N.O.S. Waste React.W/Water -Airborne Hazard Wastes Likely To Cause Odour Emission</p>	C2NE (W)	0	1	455029 525312

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p>Registered Landfill Sites</p> <p>Licence Holder: B.S.C. Licence Reference: CLE 97 Site Location: Coke Ovens, Redcar Works, Redcar, Cleveland Licence Easting: 455500 Licence Northing: 525900 Operator Location: As Site Address Authority: Environment Agency - North East Region, Dales Area Site Category: Landfill - with lagoon Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Licence known to be surrenderedSurrendered Dated: 1st October 1980 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Accuracy: Not Applicable Authorised Waste: Eff.From Coke Fines Recovery Plant</p>	C7SW (N)	419	1	455431 525660
11	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: Seal Sands Storage Ltd Licence Reference: CLE 204/2 Site Location: Seal Sands Storage Ltd, Seal Sands, MIDDLESBROUGH, Cleveland, TS1 1UB Operator Location: As Site Address Authority: Environment Agency - North East Region, Dales Area Site Category: Storage Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Operational as far as is knownOperational Dated: 23rd May 1994 Preceded By: CLE 204/2 Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Adiponitrile Max.Stor Adiponitrile Blowdown Tars Adiponitrile Blowdown Tars Max.Stor Lab'Y Halogenated Solvents Max.Stor Lab'Y Hydrocarbon Solvents Lab'Y Hydrocarbon Solvents Max.Stor Max.Storage In Licence Max.Waste Permitted By Licence Methanol Max.Stor Mixed Amines Max.Stor Mixed Inorganic Waste Max.Stor Mixed Organic Waste Max.Stor Phenolic Waste Max.Stor Resins Resins Max.Stor Waste Aniline Waste Aniline Max.Stor Prohibited Waste: Organic Peroxides Other Halog.Organics Eg Chlor.Dioxins Pcb'S And Analogues Waste N.O.S.</p>	C1SE (W)	439	1	454417 525063

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<p>Planning Hazardous Substance Consents</p> <p>Name: Sahaviriya Steel Industries Uk Ltd Location: Blast Furnace And Coke Ovens, Trunk Road, Redcar Authority: Redcar and Cleveland Borough Council, Planning Department Application Ref: R/2011/0211/HD Hazardous Substance: Unknown at time of report Maximum Quantity: 0 Application date: 1st April 2011 Decision: Unknown at time of report Positional Accuracy: Manually positioned to the address or location</p>	C4SE (E)	266	3	456587 525036
12	<p>Planning Hazardous Substance Consents</p> <p>Name: Sahaviriya Steel Industries Uk Ltd Location: Blast Furnace And Coke Ovens, Trunk Road, Redcar Authority: Redcar and Cleveland Borough Council, Planning Department Application Ref: R/2011/0210/HD Hazardous Substance: Unknown at time of report Maximum Quantity: 0 Application date: 1st April 2011 Decision: Unknown at time of report Positional Accuracy: Manually positioned to the address or location</p>	C4SE (E)	266	3	456587 525036

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic mudstones (including Keuper Marl, Dolomitic Conglomerate and Rhaetic)	C3NW (E)	0	2	455335 525344
	BGS 1:625,000 Solid Geology Description: Lower Lias	C4SW (E)	0	2	456076 525047
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	C4SW (SE)	0	4	456045 525000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 150 - 300 mg/kg Nickel: 15 - 30 mg/kg Concentration:	C2NE (W)	0	4	455000 525344
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 150 - 300 mg/kg Nickel: 15 - 30 mg/kg Concentration:	C3NW (E)	0	4	455335 525344
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	C3SW (SE)	0	4	455501 525000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 150 - 300 mg/kg Nickel: 15 - 30 mg/kg Concentration:	C2SE (SW)	0	4	455000 525000

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: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 150 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	C3SW (S)	0	4	455335 525000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	C3SW (S)	0	4	455386 525000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	C4SW (SE)	0	4	456000 525000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	C3SW (SE)	0	4	455507 525004
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	C3SW (S)	0	4	455443 525035
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	(S)	0	4	455219 524959

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: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	C4SW (E)	17	4	456000 525162
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	C4SW (E)	33	4	456046 525172
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	C4SW (E)	167	4	456000 525241
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	C4SW (E)	194	4	456047 525264
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 150 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	C4NW (E)	241	4	456000 525344
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 150 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	C4NW (E)	280	4	456048 525344
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2NE (W)	0	2	455000 525344
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NW (E)	0	2	455335 525344
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3SW (S)	0	2	455335 525000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	2	455219 524959
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2SE (SW)	0	2	455000 525000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C2NW (W)	0	2	454946 525396
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C2SW (SW)	0	2	454923 525000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2NE (W)	0	2	455000 525344
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (E)	0	2	455335 525344
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2SE (SW)	0	2	455000 525000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3SW (S)	0	2	455335 525000
	Potential for Ground Dissolution Stability Hazards No Hazard				
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2NE (W)	0	2	455000 525344
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (E)	0	2	455335 525344
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2SE (SW)	0	2	455000 525000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3SW (S)	0	2	455335 525000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2NE (W)	0	2	455000 525344
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (E)	0	2	455335 525344
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2SE (SW)	0	2	455000 525000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3SW (S)	0	2	455335 525000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C2NW (W)	0	2	454946 525396
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C2SW (SW)	0	2	454923 525000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2SE (SW)	0	2	455000 525000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3SW (S)	0	2	455335 525000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2NE (W)	0	2	455000 525344
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (E)	0	2	455335 525344
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	C2NE (W)	0	2	455000 525344
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	C3NW (E)	0	2	455335 525344
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	C2SE (SW)	0	2	455000 525000
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	C3SW (S)	0	2	455335 525000
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	C2NE (W)	0	2	455000 525344
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	C3NW (E)	0	2	455335 525344
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	C2SE (SW)	0	2	455000 525000
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	C3SW (S)	0	2	455335 525000

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Hartlepool Borough Council - Neighbourhood Services Department Stockton-on-Tees Borough Council - Environmental Health Department Redcar and Cleveland Borough Council - Development Department	April 2013 April 2013 January 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North East Region	October 2013	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - North East Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - North East Region	October 2013	Quarterly
Local Authority Integrated Pollution Prevention And Control Redcar and Cleveland Borough Council - Environmental Health Department Stockton-on-Tees Borough Council - Environmental Health Department Hartlepool Borough Council - Environmental Health Department	May 2012 November 2012 September 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Redcar and Cleveland Borough Council - Environmental Health Department Stockton-on-Tees Borough Council - Environmental Health Department Hartlepool Borough Council - Environmental Health Department	April 2013 November 2012 September 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Redcar and Cleveland Borough Council - Environmental Health Department Stockton-on-Tees Borough Council - Environmental Health Department Hartlepool Borough Council - Environmental Health Department	April 2013 November 2012 September 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North East Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - North East Region	March 2013	As notified
Registered Radioactive Substances Environment Agency - North East Region	October 2013	Quarterly
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 - North East Region - Dales Area Environment Agency - North East Region - North East Area	October 2013 October 2013	Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	October 2013	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	October 2013	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable













Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Source Protection Zones Environment Agency - Head Office	October 2013	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2013	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2013	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	August 2013	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2013	Quarterly
Flood Defences Environment Agency - Head Office	August 2013	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	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 - North East Region - Dales Area Environment Agency - North East Region - North East Area Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area	October 2013 October 2013 October 2013 October 2013 October 2013 October 2013	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area	October 2013 October 2013 October 2013 October 2013 October 2013 October 2013	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area	July 2013 July 2013	Quarterly Quarterly
Local Authority Landfill Coverage Hartlepool Borough Council - Environmental Health Department Redcar and Cleveland Borough Council Stockton-on-Tees Borough Council - Environmental Health Department	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Hartlepool Borough Council - Environmental Health Department Redcar and Cleveland Borough Council Stockton-on-Tees Borough Council - Environmental Health Department	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - North East Region - Dales Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Dales Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Dales Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	August 2013	Bi-Annually
Explosive Sites Health and Safety Executive	November 2013	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Redcar and Cleveland Borough Council - Planning Department Stockton-on-Tees Borough Council Hartlepool Borough Council	August 2012 December 2012 June 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Redcar and Cleveland Borough Council - Planning Department Stockton-on-Tees Borough Council Hartlepool Borough Council	August 2012 December 2012 June 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2013	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2012	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	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
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	August 2013	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2013	Quarterly

Sensitive Land Use	Version	Update Cycle
Areas of Outstanding Natural Beauty Natural England	July 2013	Bi-Annually
Environmentally Sensitive Areas Natural England	July 2013	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	July 2013	Bi-Annually
Marine Nature Reserves Natural England	July 2013	Bi-Annually
National Nature Reserves Natural England	July 2013	Bi-Annually
National Parks Natural England	July 2013	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2013	Annually
Ramsar Sites Natural England	July 2013	Bi-Annually
Sites of Special Scientific Interest Natural England	July 2013	Bi-Annually
Special Areas of Conservation Natural England	July 2013	Bi-Annually
Special Protection Areas Natural England	July 2013	Bi-Annually

A selection of organisations who provide data within this report

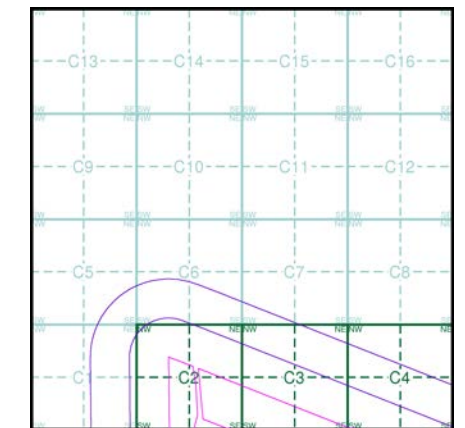
Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <p>British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Centre for Ecology and Hydrology	 <p>Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Countryside Council for Wales	 <p>CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES</p>
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
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	Redcar and Cleveland Borough Council - Planning Department Belmont House, Rectory Lane, Guisborough, Cleveland, TS14 6FD	Telephone: 01642 444000 Fax: 01642 444882 Website: www.redcar-cleveland.gov.uk
4	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
5	Natural England Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
6	Redcar and Cleveland Borough Council Town Hall, Fabian Road, South Bank, Middlesbrough, Cleveland, TS6 9AR	Telephone: 01642 444000 Website: www.redcar-cleveland.gov.uk
7	Stockton-on-Tees Borough Council - Environmental Health Department Municipal Buildings, 16 Church Road, Stockton-on-tees, Cleveland, TS18 1XD	Telephone: 01642 393939 Fax: 01642 391156 Website: www.stockton-bc.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- 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
 - 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
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Slice C

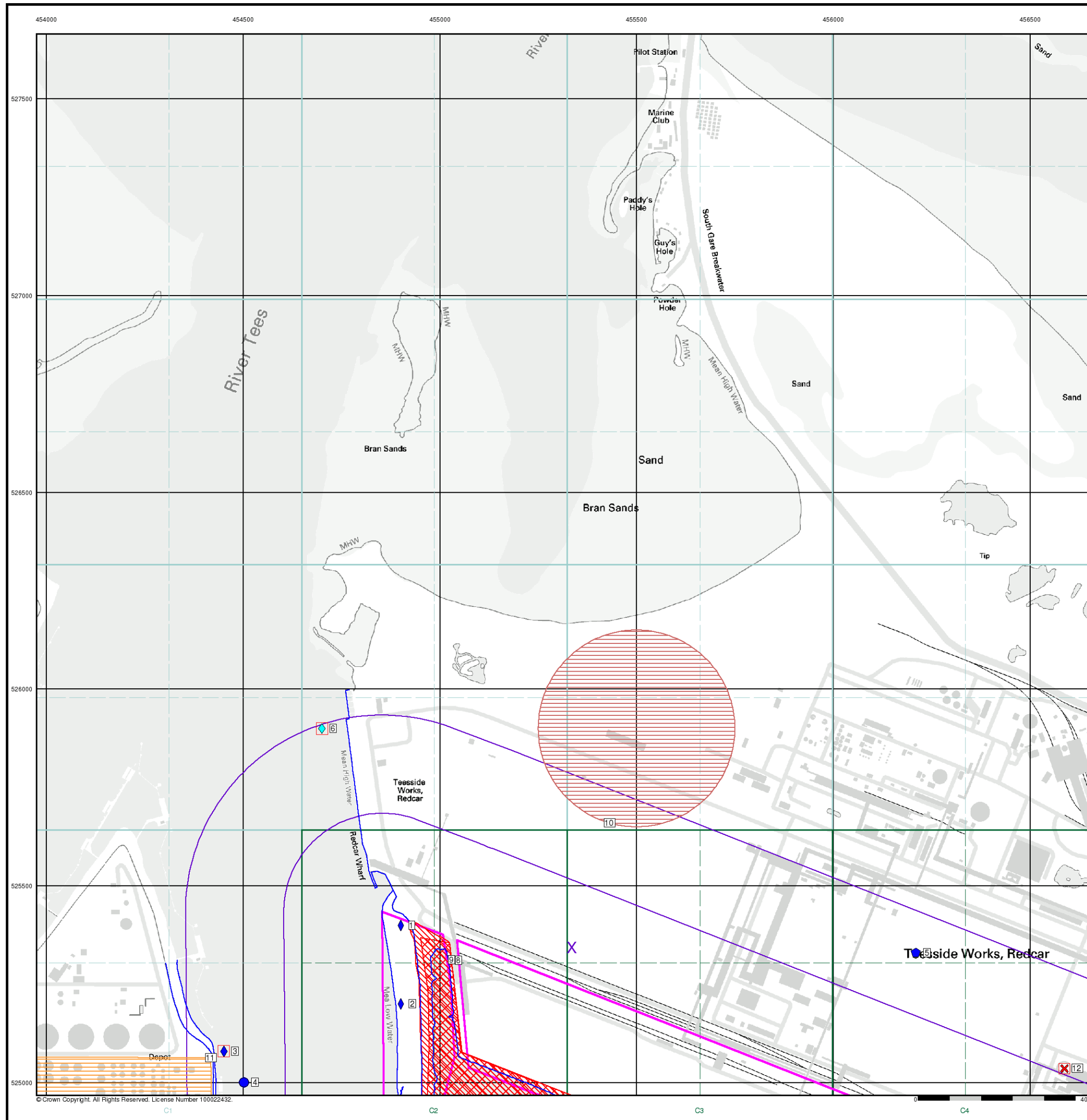


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details






Site at, Bran Sands, Redcar & Cleveland



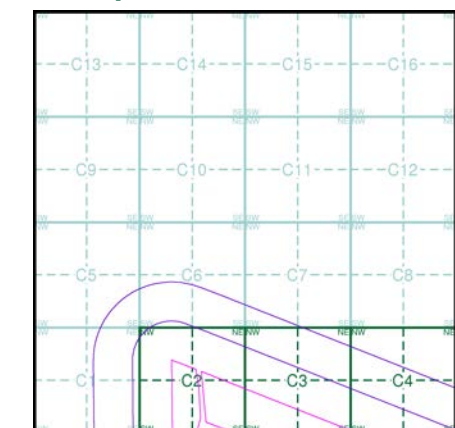
General

-  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 C

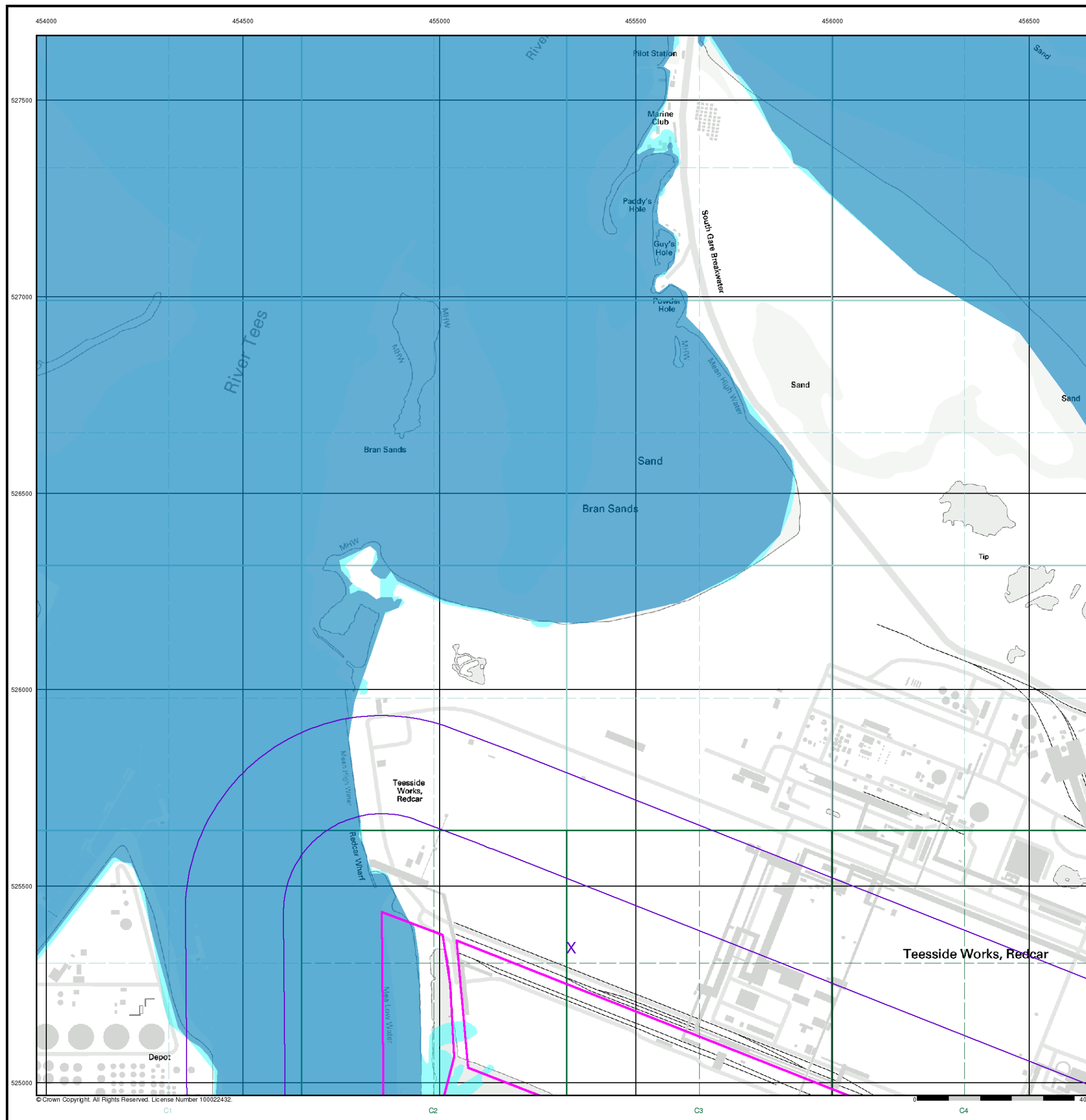


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



General

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

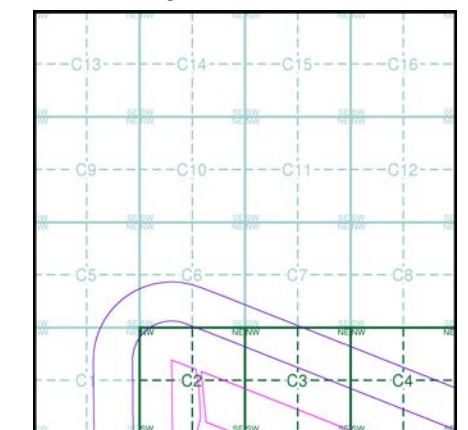
Agency and Hydrological (Boreholes)

- 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 C

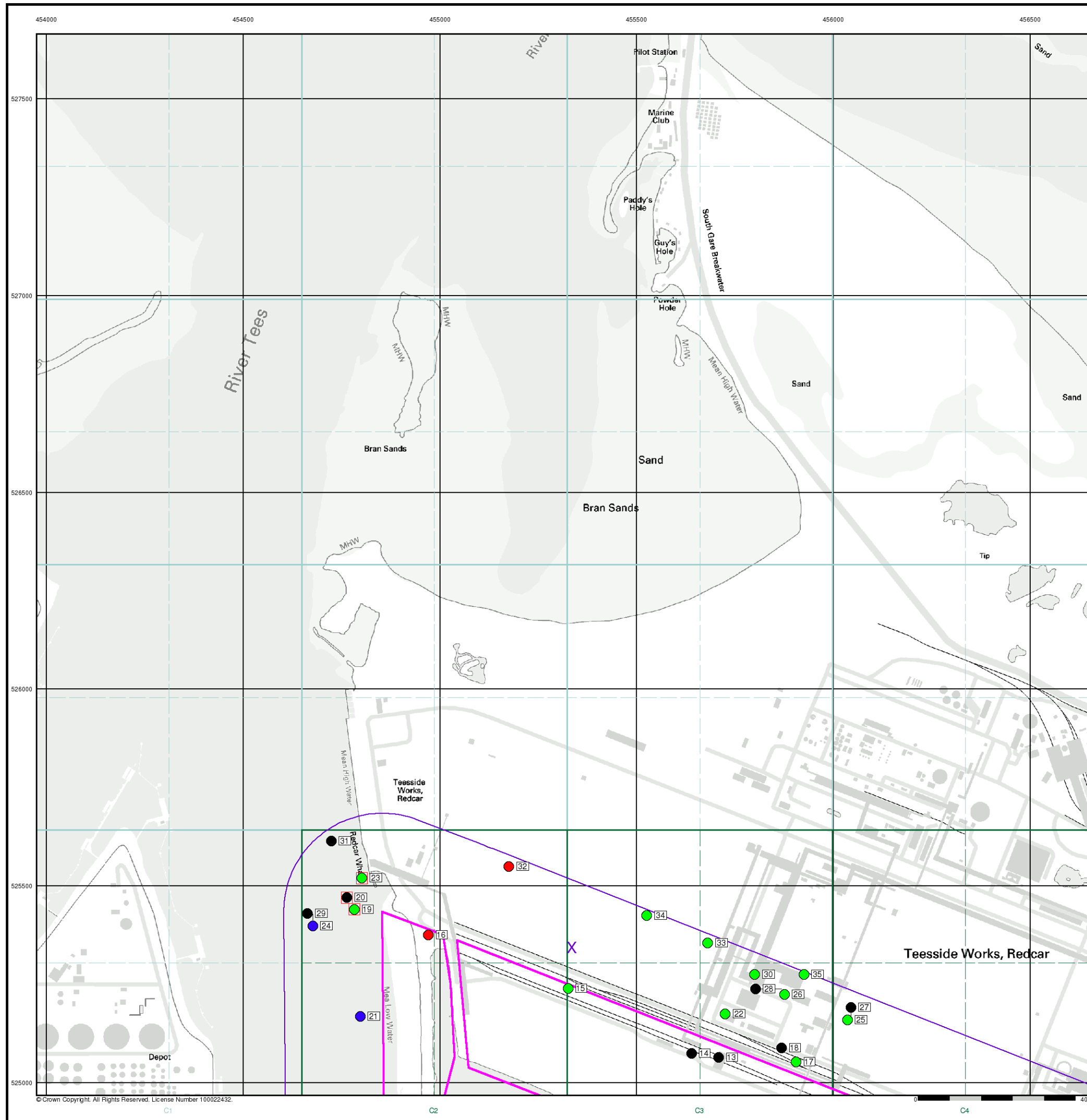


Order Details

Order Number: 51235247_1_1
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 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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General

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

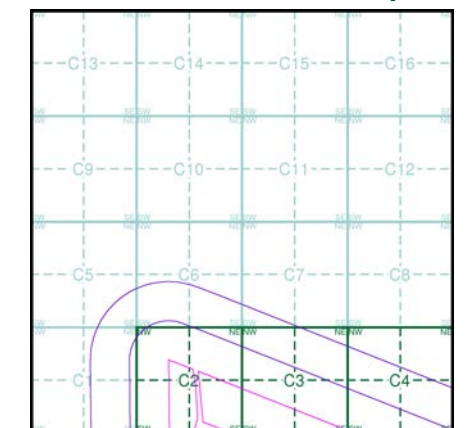
EA Detailed River Network Data

- | | |
|--------------------------|-------------------------------------|
| Primary River | Extended Culvert (greater than 50m) |
| Secondary River | Underground River (inferred) |
| Tertiary River | Underground River (local knowledge) |
| Canal | Downstream of High Water Mark |
| Canal Tunnel | Downstream of Seaward Extension |
| Undefined River | Not assigned River feature |
| Lake/Reservoir | |
| Offline Drainage Feature | |

Contours (height in metres)

- Standard Contour 105 100 95
- Index Contour 167.3 Spot Height
- 45.8 Air Height

EA Detailed River Network Map - Slice C

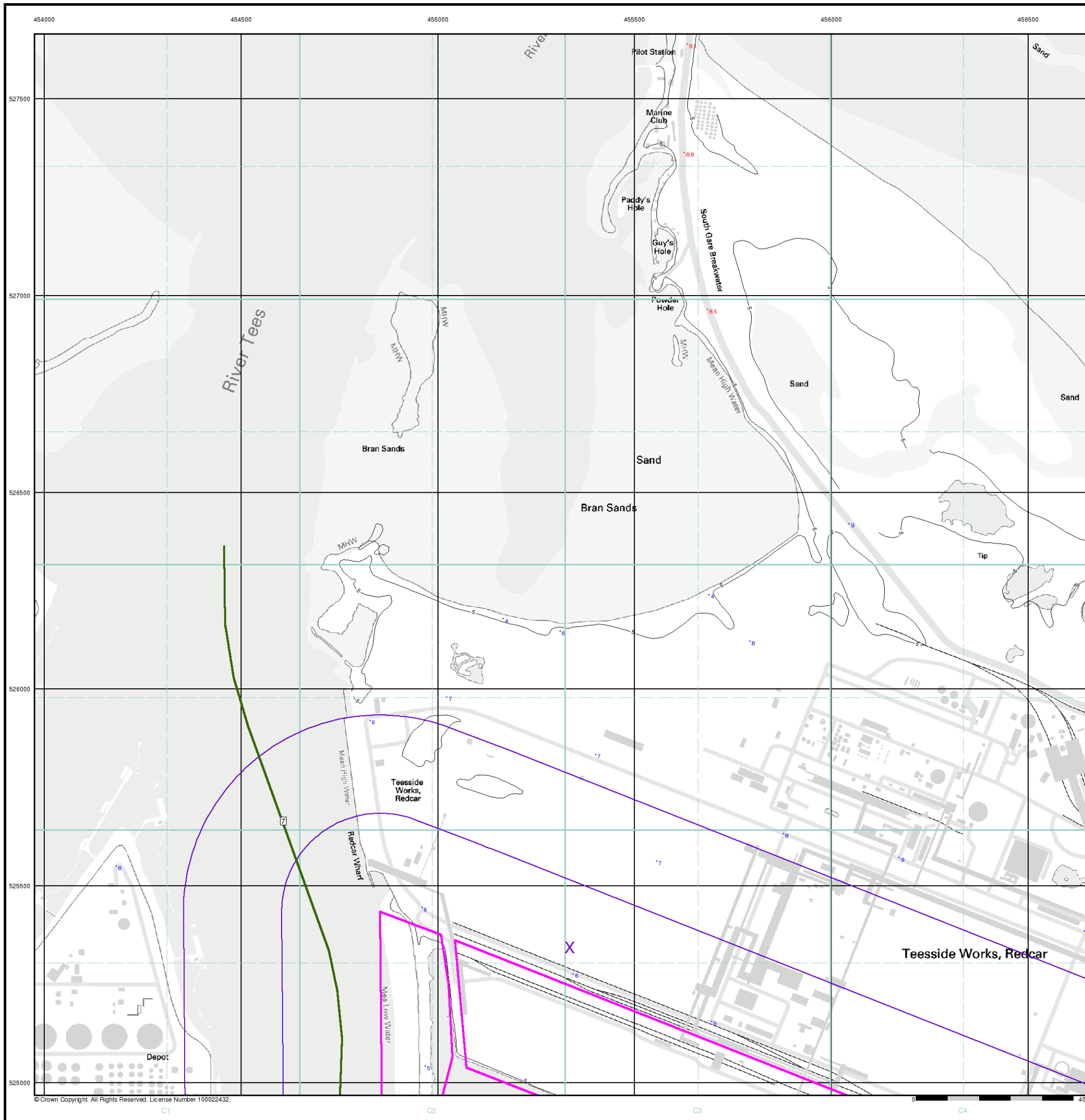


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Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland

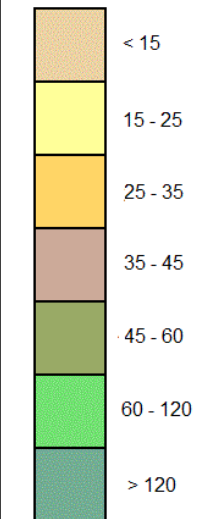


General

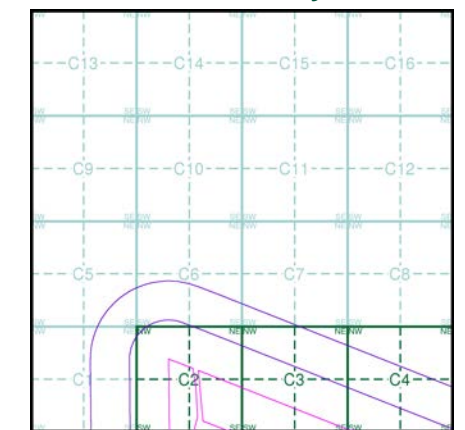
- ✱ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice C

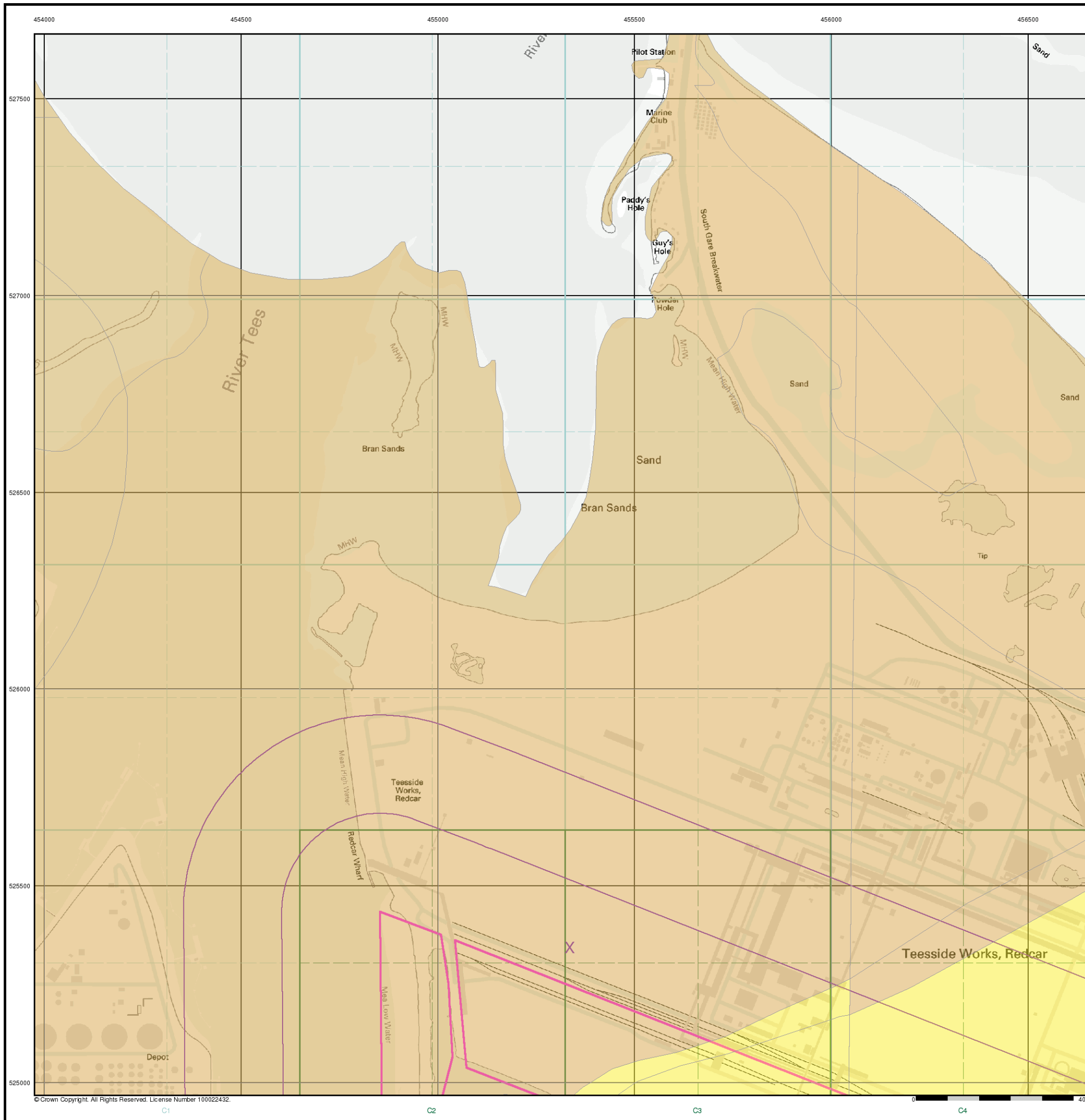


Order Details

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Site Details

Site at, Bran Sands, Redcar & Cleveland



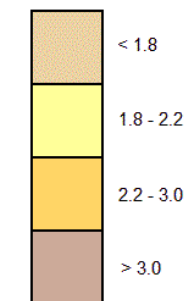
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General

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

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice C

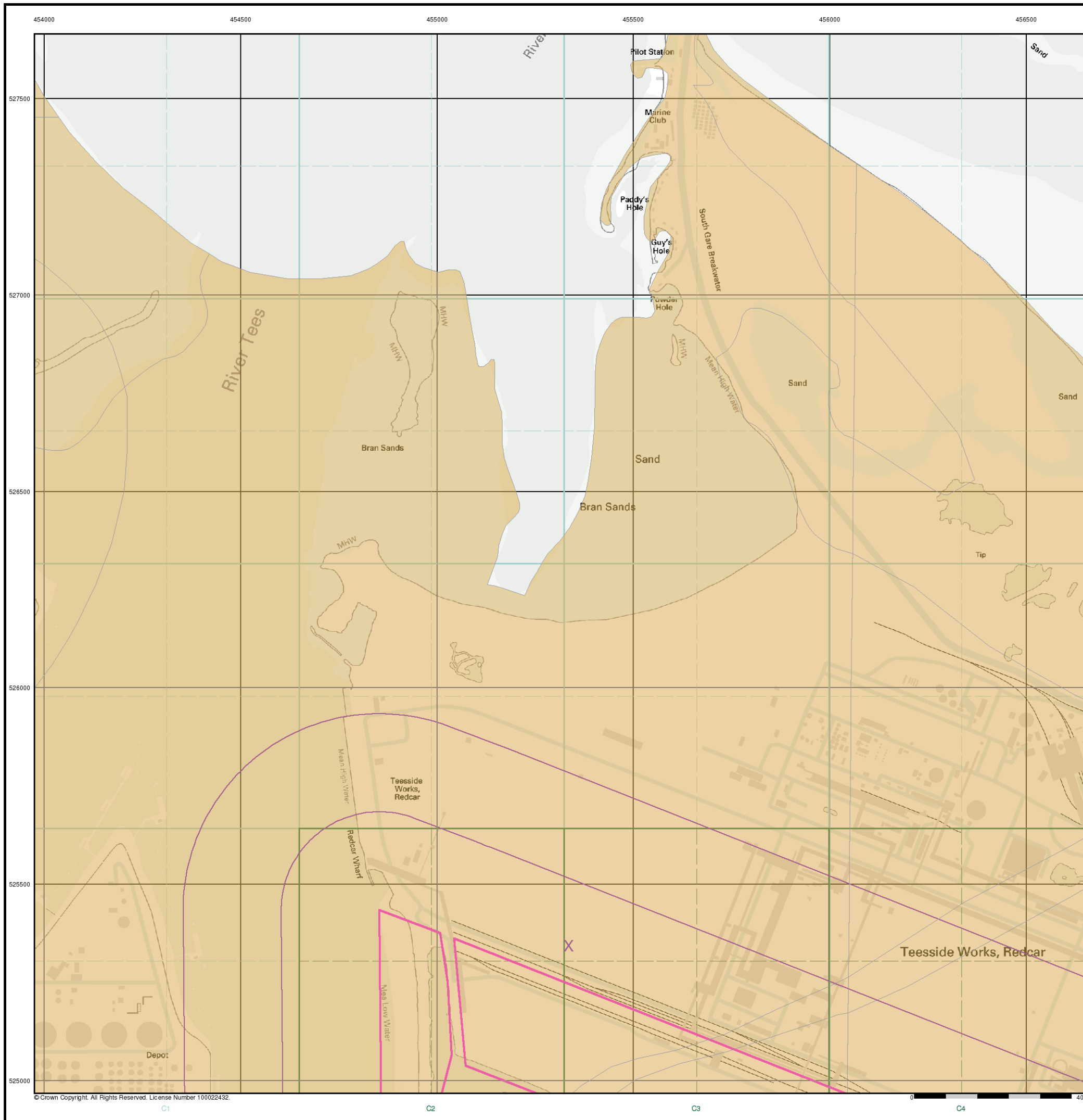


Order Details

Order Details: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



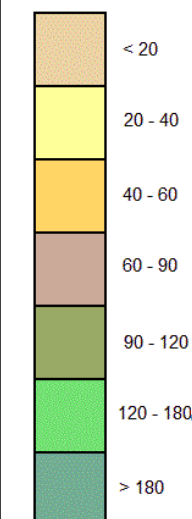
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General

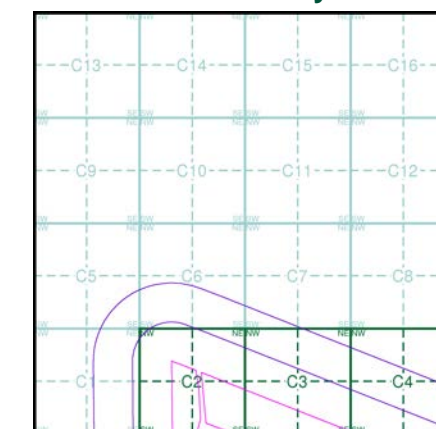
✱ Specified Site
 ⬢ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice C

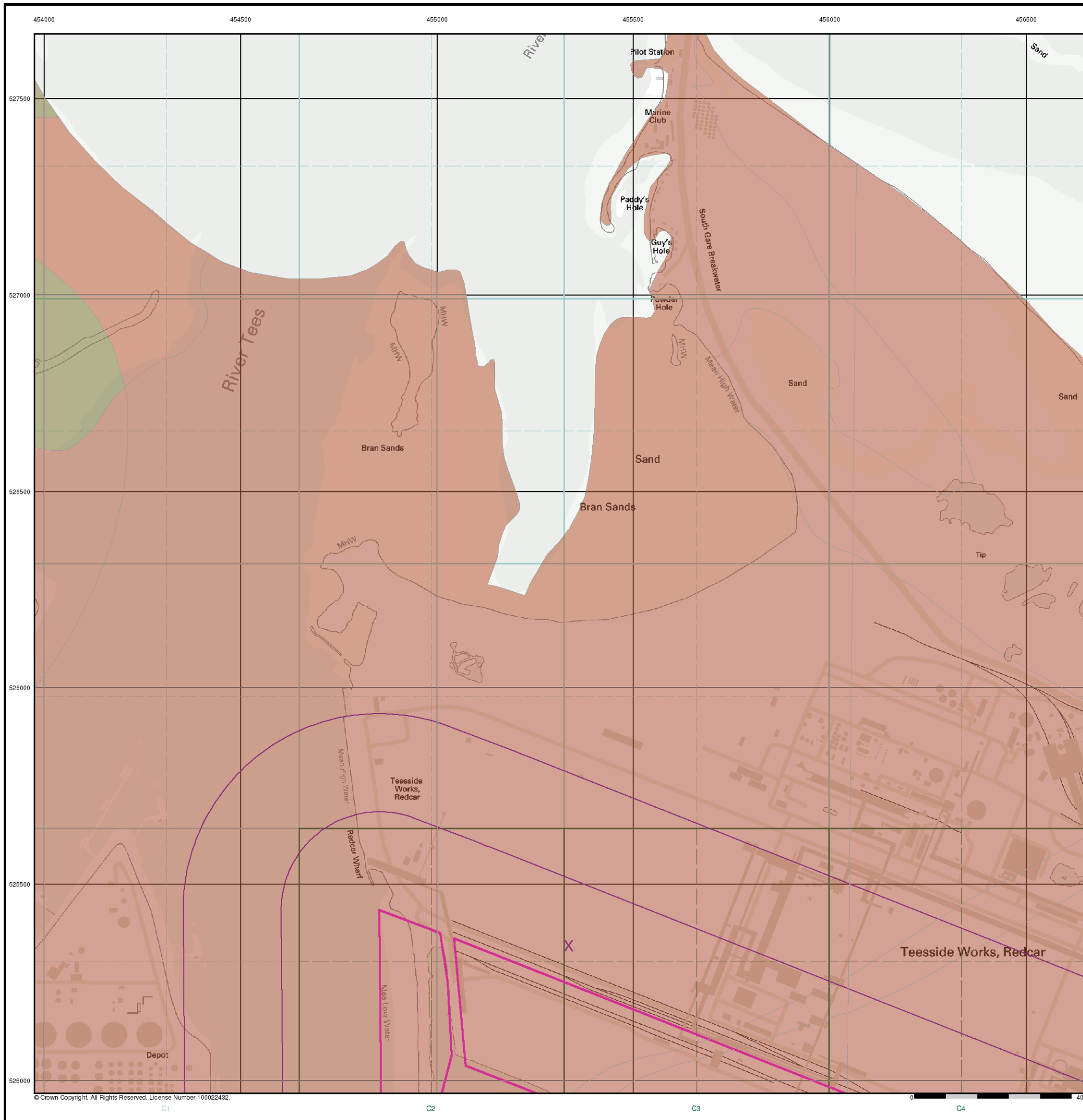


Order Details

Order Details: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



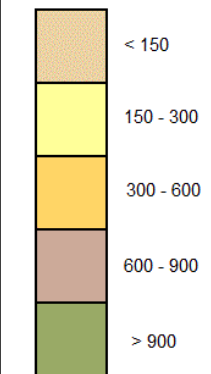
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General

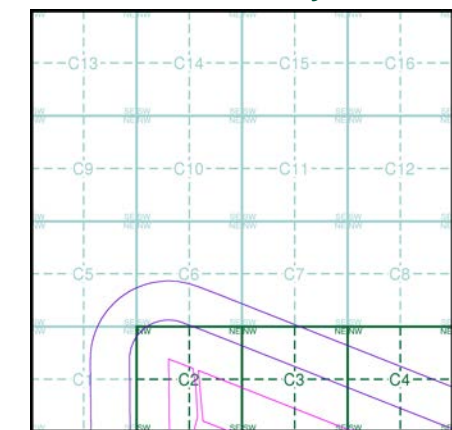
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice C

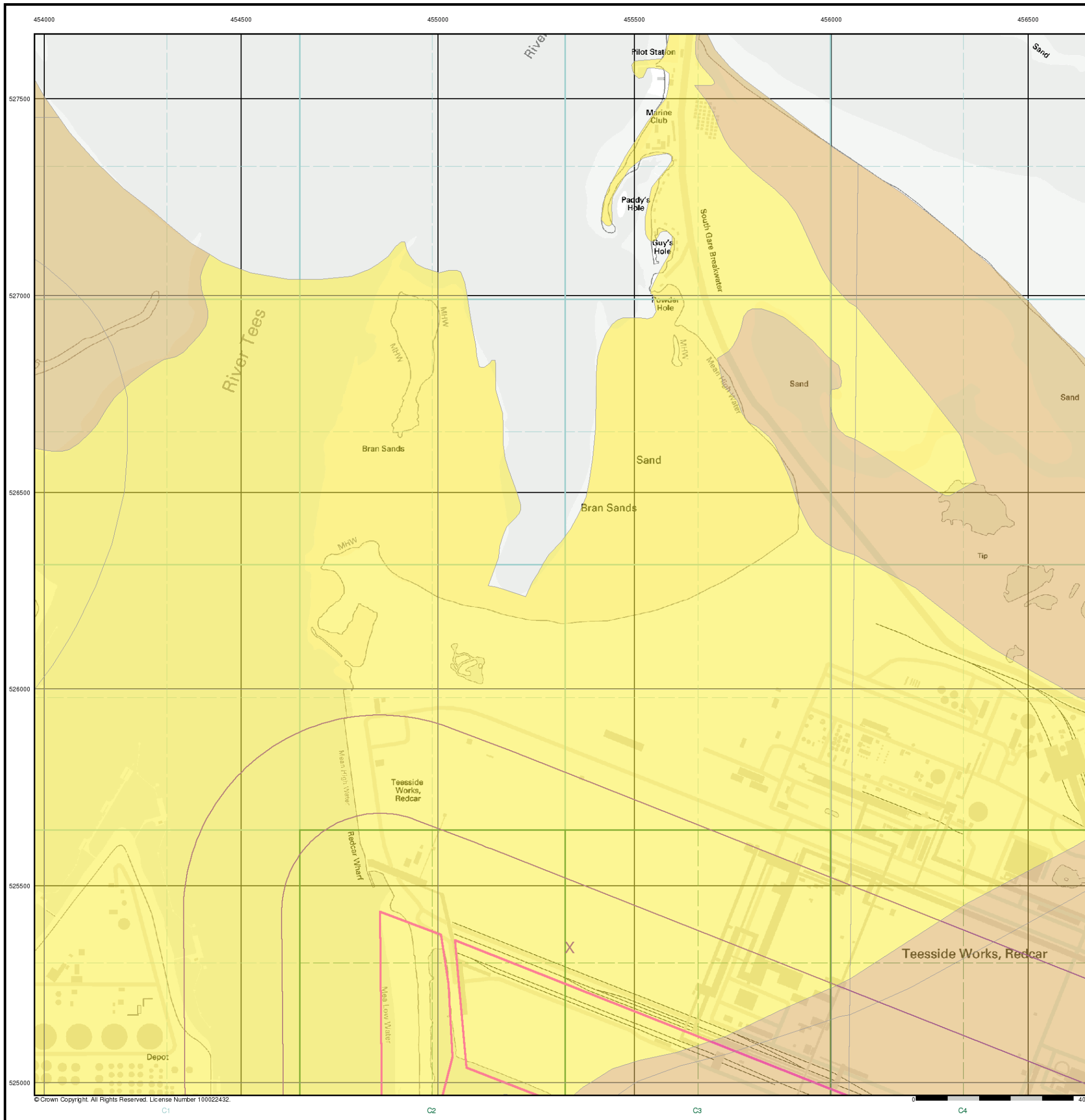


Order Details

Order Details: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland

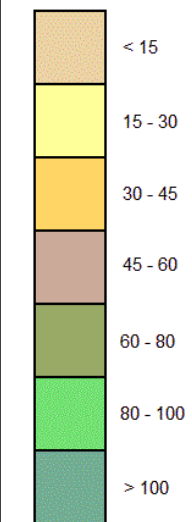


General

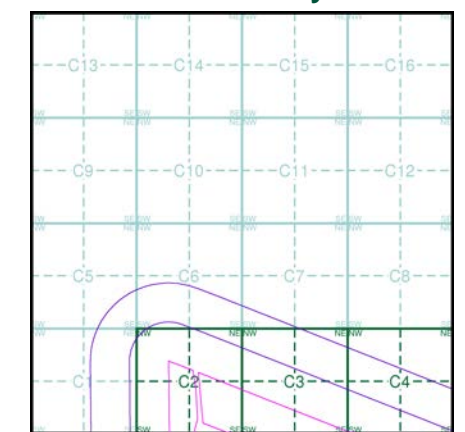
- ⬠ Specified Site
- ⬠ Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice C

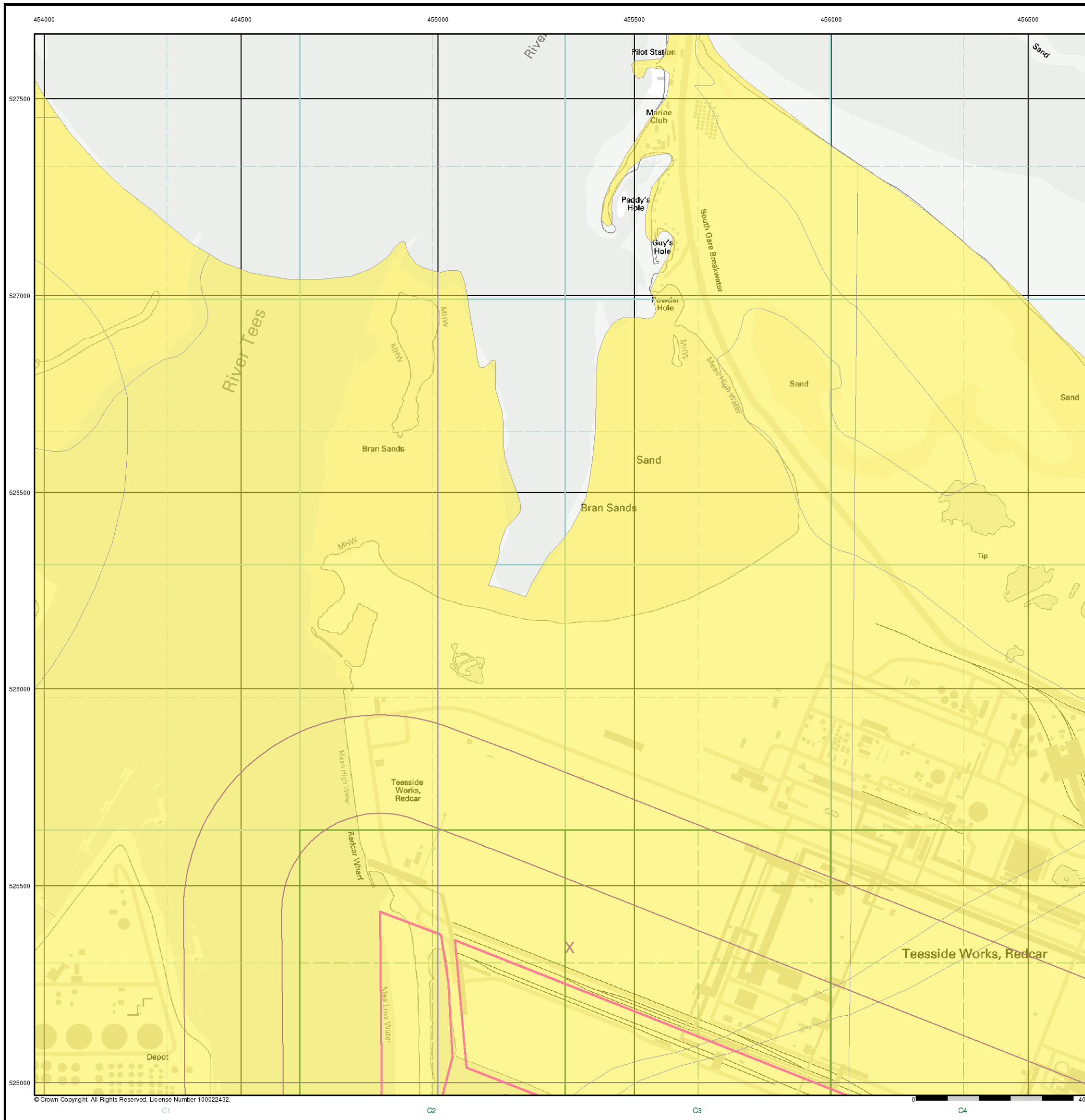


Order Details

Order Details: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

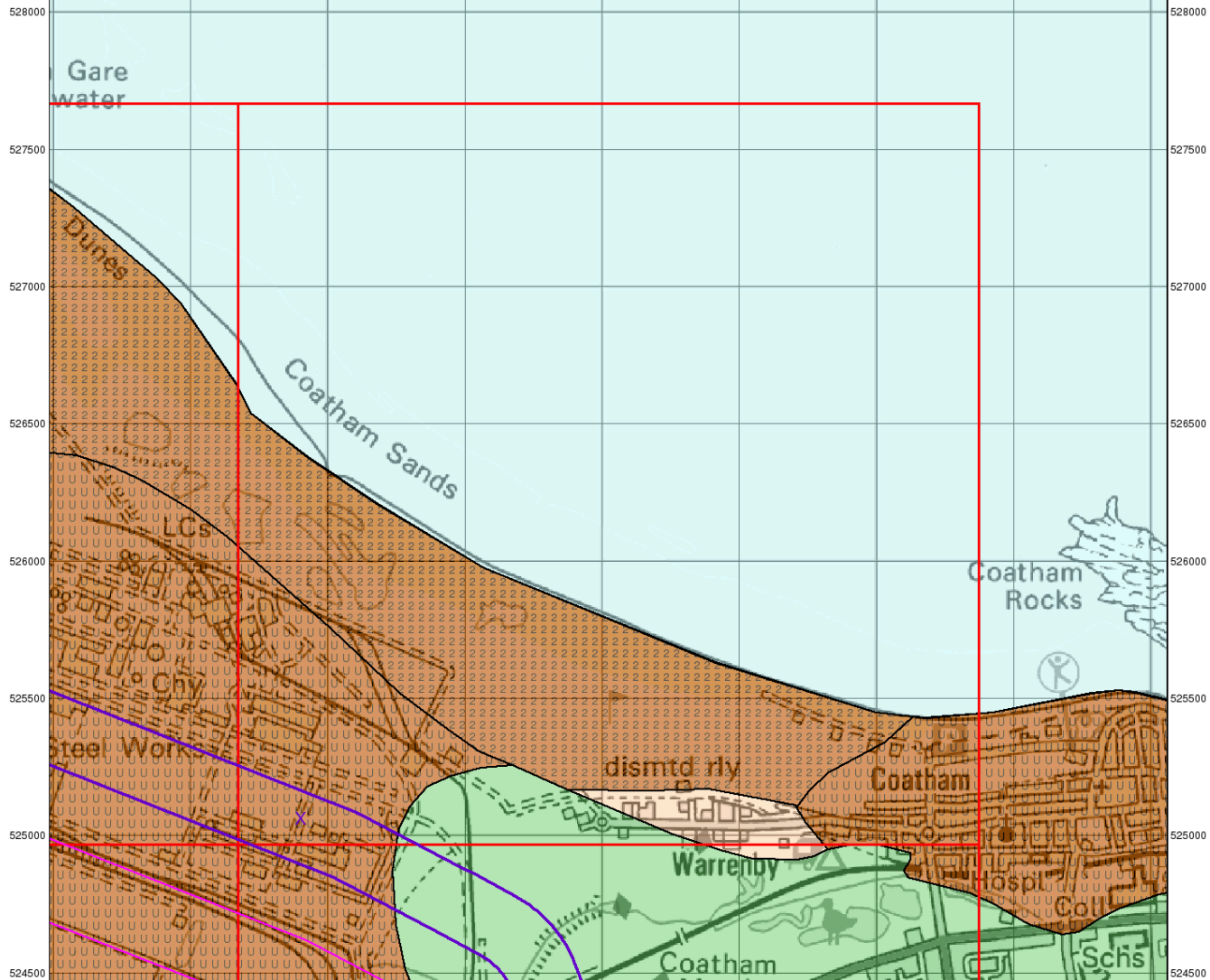
Site Details

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456000 456500 457000 457500 458000 458500 459000 459500 460000



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Groundwater Vulnerability

General

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

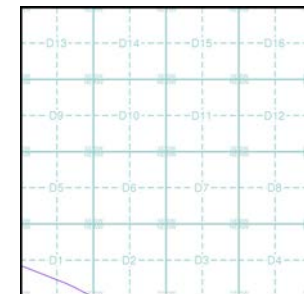
Agency and Hydrological

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 D



Order Details

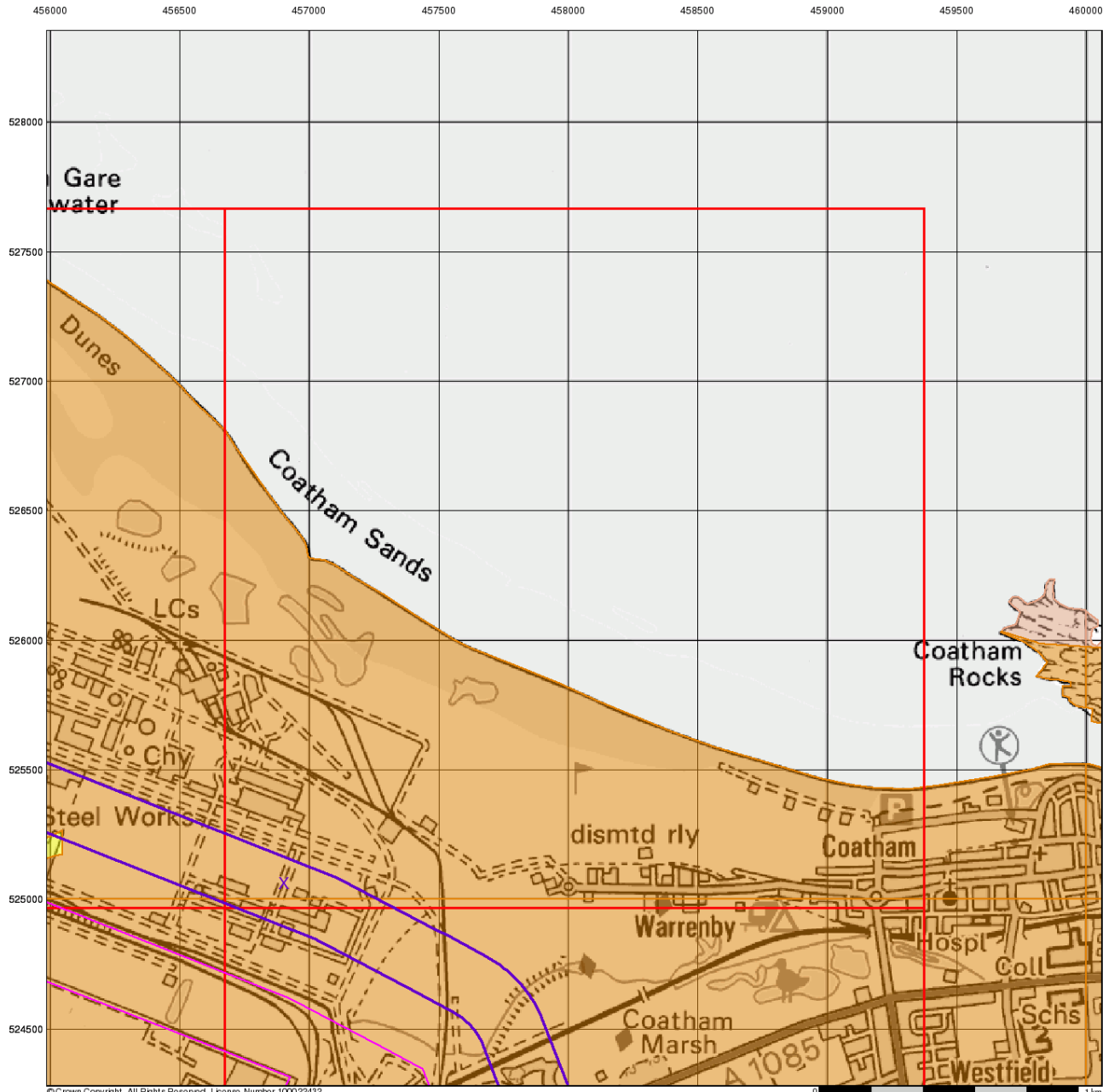
Order Number: 51235247_1.1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 456900, 525060
 Slice: D
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

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0 1 km



Bedrock Aquifer Designation

General

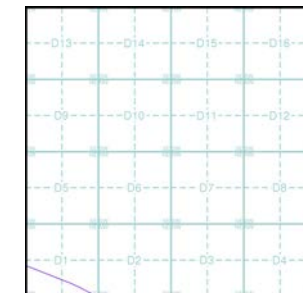
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice D



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 456900, 525060
 Slice: D
 Site Area (Ha): 195.25
 Search Buffer (m): 500

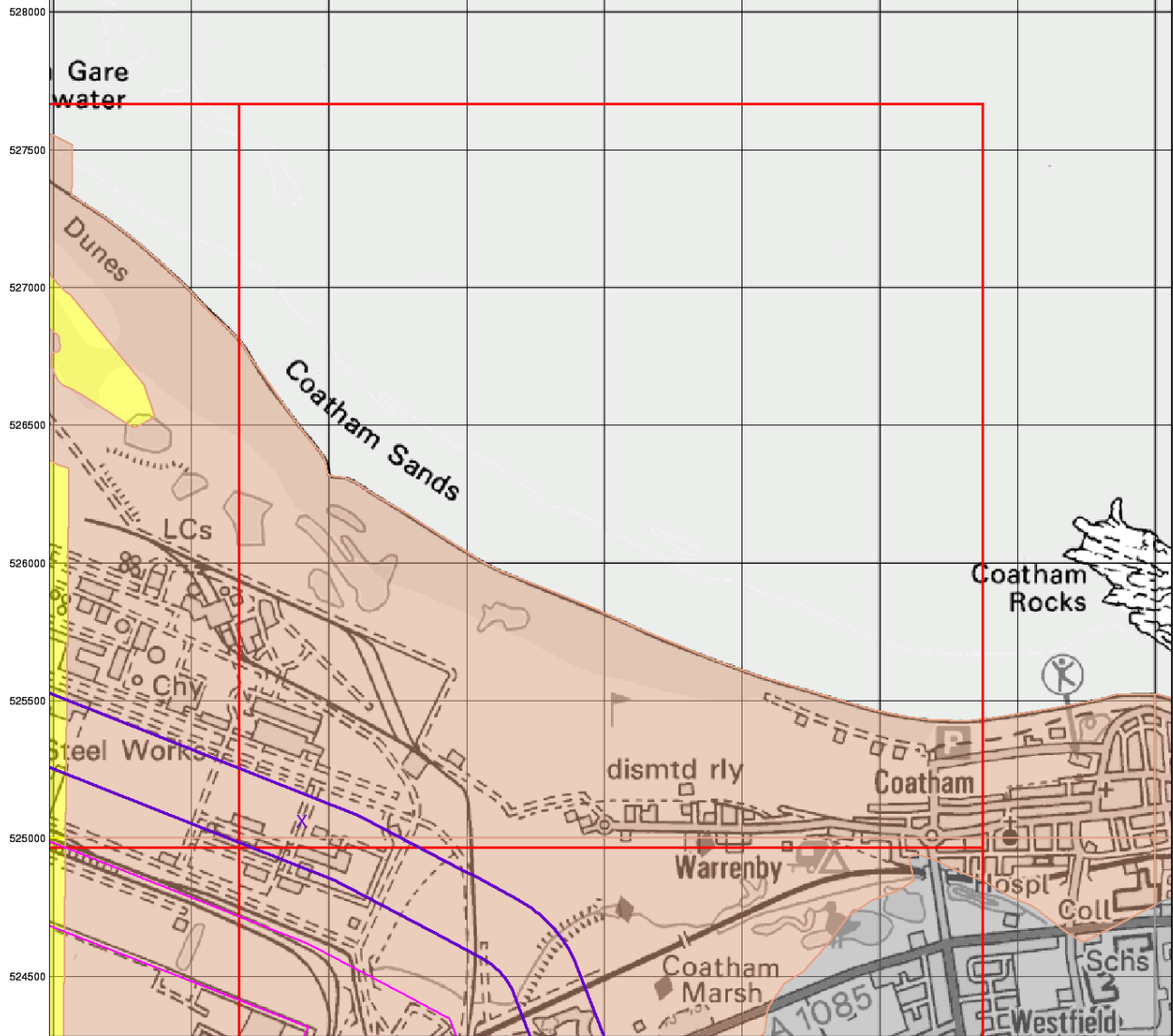
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0 1 km



Superficial Aquifer Designation

General

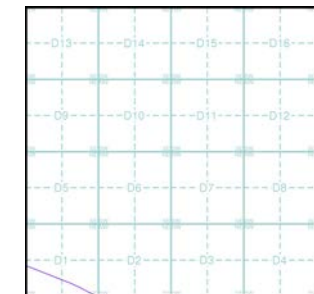
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice D



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 456900, 525060
 Slice: D
 Site Area (Ha): 195.25
 Search Buffer (m): 500

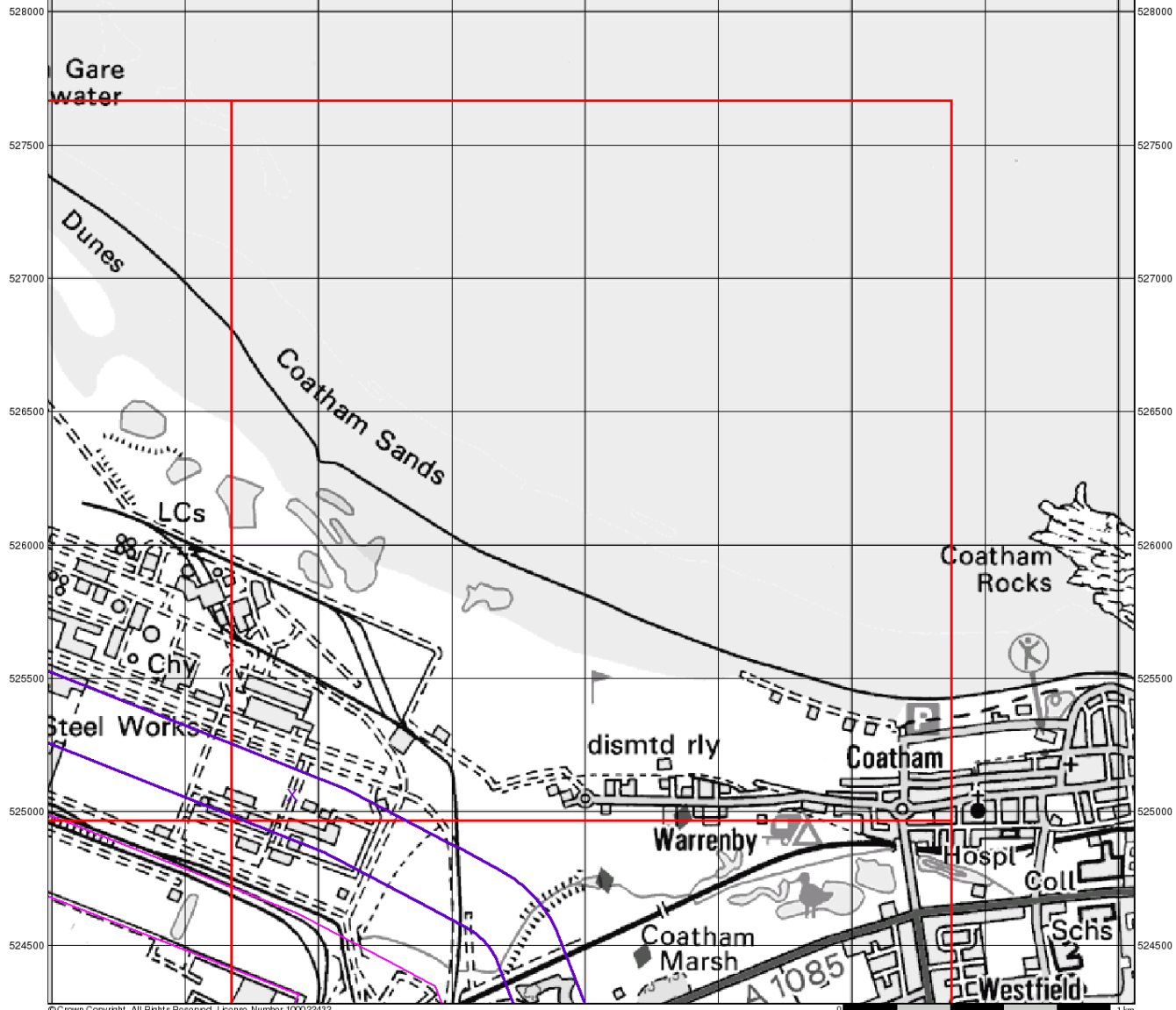
Site Details

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Source Protection Zones

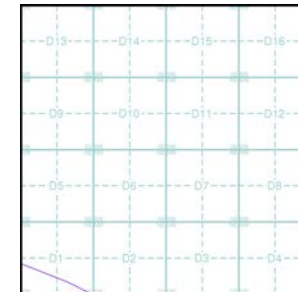
General

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

Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice D



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 456900, 525060
 Slice: D
 Site Area (Ha): 195.25
 Search Buffer (m): 500

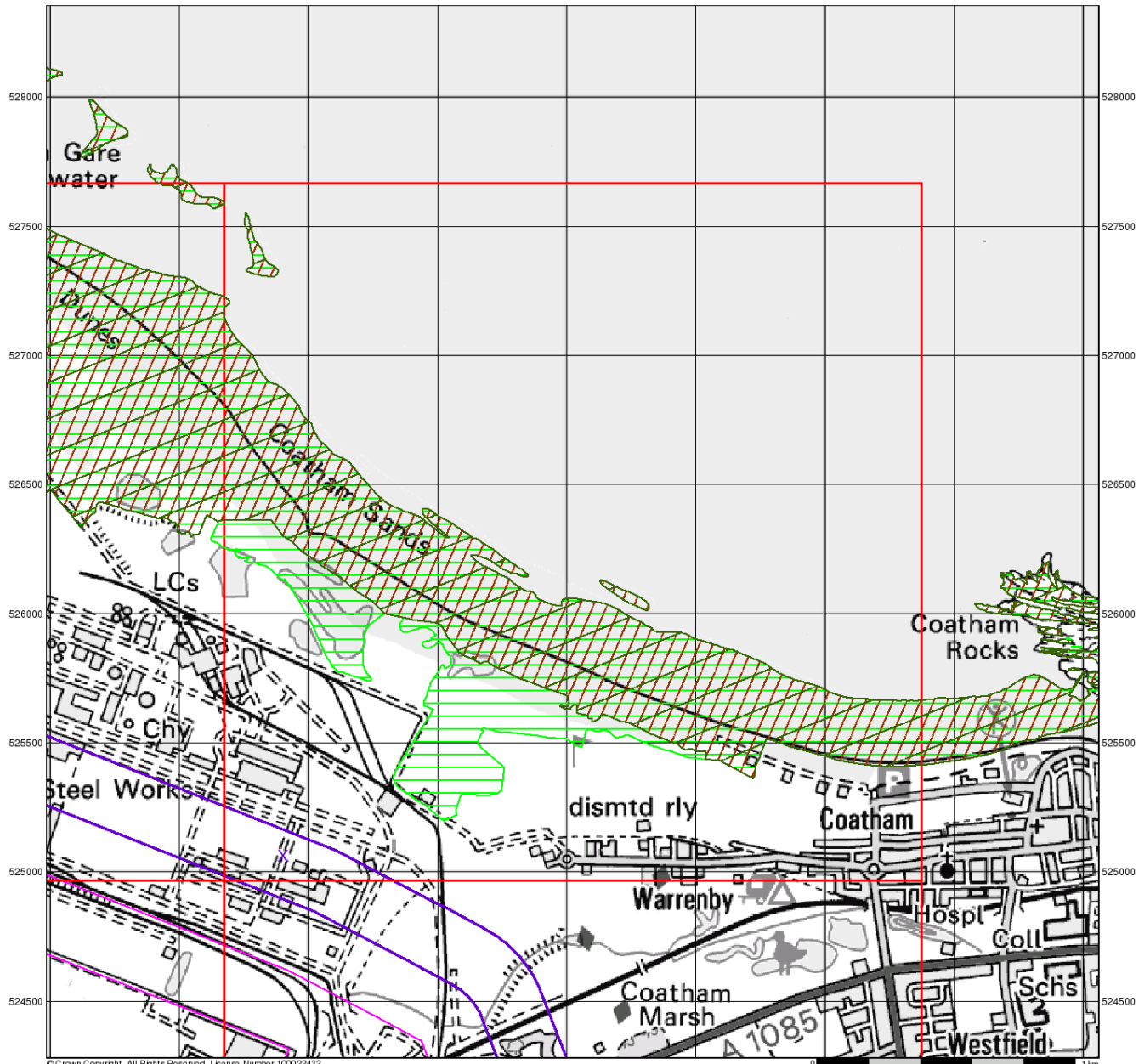
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Sensitive Land Uses

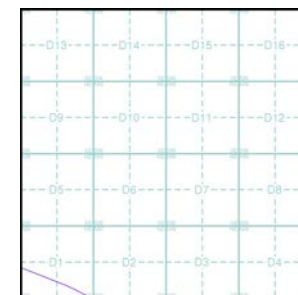
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice D



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 456900, 525060
 Slice: D
 Site Area (Ha): 195.25
 Search Buffer (m): 500

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

51235247_1_1

Customer Reference:

9Y0989-105-100

National Grid Reference:

456900, 525060

Slice:

D

Site Area (Ha):

195.25

Search Buffer (m):

500

Site Details:

Site at

Bran Sands

Redcar & Cleveland

Client Details:

MR D Fives

HaskoningDHV UK Ltd

Rightwell House

Bretton

Peterborough

PE3 8DW

Prepared For:

York Potash Ltd

Bran Sands

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	2
Hazardous Substances	-
Geological	3
Industrial Land Use	-
Sensitive Land Use	-
Data Currency	6
Data Suppliers	10
Useful Contacts	11

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 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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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v47.0

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

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites				
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)				
Local Authority Recorded Landfill Sites				
Registered Landfill Sites				
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites				
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)				
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents				
Planning Hazardous Substance Enforcements				
Geological				
BGS 1:625,000 Solid Geology	pg 3	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 3	Yes	Yes	Yes
BGS Recorded Mineral Sites				
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
Brine Compensation Area			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards				n/a
Potential for Compressible Ground Stability Hazards	pg 4	Yes		n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 5	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 5	Yes		n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 5	Yes		n/a
Radon Potential - Radon Affected Areas			n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Industrial Land Use				
Contemporary Trade Directory Entries				n/a
Fuel Station Entries				
Sensitive Land Use				
Areas of Adopted Green Belt				
Areas of Unadopted Green Belt				
Areas of Outstanding Natural Beauty				
Environmentally Sensitive Areas				
Forest Parks				
Local Nature Reserves				
Marine Nature Reserves				
National Nature Reserves				
National Parks				
Nitrate Sensitive Areas				
Nitrate Vulnerable Zones				
Ramsar Sites				
Sites of Special Scientific Interest				
Special Areas of Conservation				
Special Protection Areas				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Integrated Pollution Controls Name: Corus Uk Ltd Location: ELECTRICAL AND PROCESS CONTROL WORKSHOPS,TEESSIDE WORKS,LACKENBY, REDCAR, CLEVELAND, TS10 5QW Authority: Environment Agency, North East Region Permit Reference: AB7906 Dated: 30th June 1993 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	D1SW (W)	270	1	456689 524999
	Nearest Surface Water Feature None				
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 5 Tyne And Tees Scale: 1:100,000	D6NW (NE)	0	1	457483 526026
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 5 Tyne and Tees Scale: 1:100,000	D1SE (E)	0	1	457259 525016
	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 5 Tyne and Tees Scale: 1:100,000	D1SW (NW)	0	1	456902 525064
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - Undifferentiated	(W)	0	2	456046 525172
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	D1SW (S)	0	2	456902 525000
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	D1SW (NW)	0	2	456902 525064
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(W)	0	2	456046 525092
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(W)	0	2	456045 525000
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	(S)	0	2	457329 523839
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	D1SW (S)	0	2	456902 525000
	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				
	Detailed River Network Lines None				
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Redcar and Cleveland Unitary Council - Has no landfill data to supply		0	5	456902 525064

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lower Lias	D1SW (NW)	0	2	456902 525064
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	D1SW (S)	0	3	456902 525000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	D1SW (SE)	0	3	457000 525000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	D1SE (E)	0	3	457238 525000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	D1SE (E)	0	3	457284 525000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	D1SW (NW)	33	3	456902 525064
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	(NW)	194	3	456653 525491

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: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 150 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	(NW)	280	3	456617 525601
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	D1SW (E)	385	3	457000 525064
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	D2SE (E)	399	3	458000 525000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	D1SE (NE)	486	3	457077 525160
	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 No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1SW (NW)	0	2	456902 525064
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1SW (S)	0	2	456902 525000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SW (NW)	0	2	456902 525064
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(E)	0	2	457240 524955
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SW (S)	0	2	456902 525000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D1SE (E)	0	2	457284 525000
	Potential for Ground Dissolution Stability Hazards No Hazard				
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SW (NW)	0	2	456902 525064
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SW (S)	0	2	456902 525000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(E)	0	2	457240 524955
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SW (NW)	0	2	456902 525064
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SW (S)	0	2	456902 525000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(E)	0	2	457240 524955
	Potential for Running Sand Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	D1SE (E)	0	2	457284 525000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1SE (E)	0	2	457238 525000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SW (S)	0	2	456902 525000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SW (NW)	0	2	456902 525064
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SE (E)	0	2	457284 525000
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	D1SW (NW)	0	2	456902 525064
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	D1SW (S)	0	2	456902 525000
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	D1SW (NW)	0	2	456902 525064
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	D1SW (S)	0	2	456902 525000













Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Redcar and Cleveland Borough Council - Development Department	January 2013	Annual Rolling Update
Discharge Consents Environment Agency - North East Region	October 2013	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - North East Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - North East Region	October 2013	Quarterly
Local Authority Integrated Pollution Prevention And Control Redcar and Cleveland Borough Council - Environmental Health Department	May 2012	Annual Rolling Update
Local Authority Pollution Prevention and Controls Redcar and Cleveland Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Redcar and Cleveland Borough Council - Environmental Health Department	April 2013	Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North East Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - North East Region	March 2013	As notified
Registered Radioactive Substances Environment Agency - North East Region	October 2013	Quarterly
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 - North East Region - Dales Area Environment Agency - North East Region - North East Area	October 2013 October 2013	Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	October 2013	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	October 2013	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Source Protection Zones Environment Agency - Head Office	October 2013	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2013	Quarterly

Agency & Hydrological	Version	Update Cycle
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2013	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	August 2013	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2013	Quarterly
Flood Defences Environment Agency - Head Office	August 2013	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	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 - North East Region - Dales Area Environment Agency - North East Region - North East Area Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area	October 2013 October 2013 October 2013 October 2013 October 2013 October 2013	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area	October 2013 October 2013 October 2013 October 2013 October 2013 October 2013	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area	July 2013 July 2013	Quarterly Quarterly
Local Authority Landfill Coverage Redcar and Cleveland Borough Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites Redcar and Cleveland Borough Council	May 2000	Not Applicable
Registered Landfill Sites Environment Agency - North East Region - Dales Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Dales Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Dales Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	August 2013	Bi-Annually
Explosive Sites Health and Safety Executive	November 2013	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Redcar and Cleveland Borough Council - Planning Department	August 2012	Annual Rolling Update
Planning Hazardous Substance Consents Redcar and Cleveland Borough Council - Planning Department	August 2012	Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2013	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2012	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	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
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	August 2013	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2013	Quarterly

Sensitive Land Use	Version	Update Cycle
Areas of Outstanding Natural Beauty Natural England	July 2013	Bi-Annually
Environmentally Sensitive Areas Natural England	July 2013	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	July 2013	Bi-Annually
Marine Nature Reserves Natural England	July 2013	Bi-Annually
National Nature Reserves Natural England	July 2013	Bi-Annually
National Parks Natural England	July 2013	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2013	Annually
Ramsar Sites Natural England	July 2013	Bi-Annually
Sites of Special Scientific Interest Natural England	July 2013	Bi-Annually
Special Areas of Conservation Natural England	July 2013	Bi-Annually
Special Protection Areas Natural England	July 2013	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>
Countryside Council for Wales	 <p>CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES</p>
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
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	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
4	Natural England Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
5	Redcar and Cleveland Borough Council Town Hall, Fabian Road, South Bank, Middlesbrough, Cleveland, TS6 9AR	Telephone: 01642 444000 Website: www.redcar-cleveland.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

General

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

Agency and Hydrological

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

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
- 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

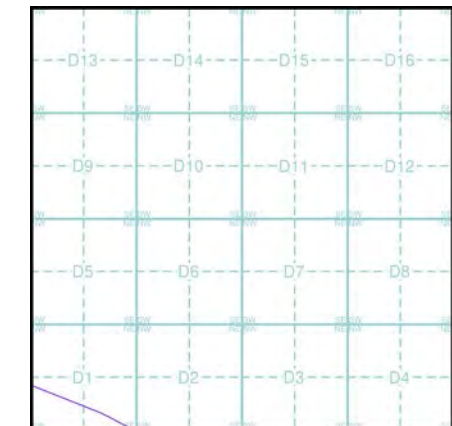
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- COMAH Site
- Explosive Site
- NIHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Site Sensitivity Map - Slice D

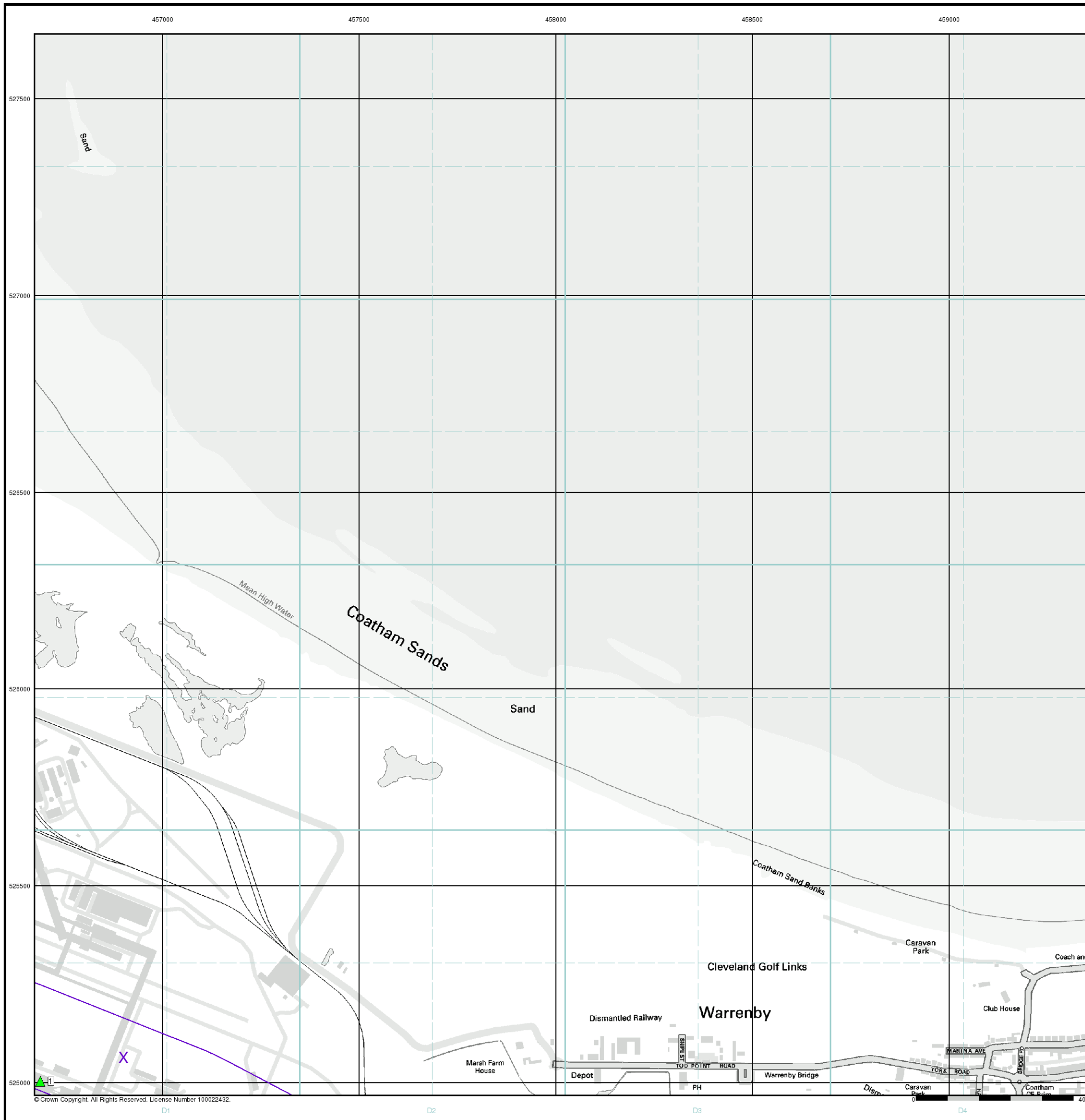


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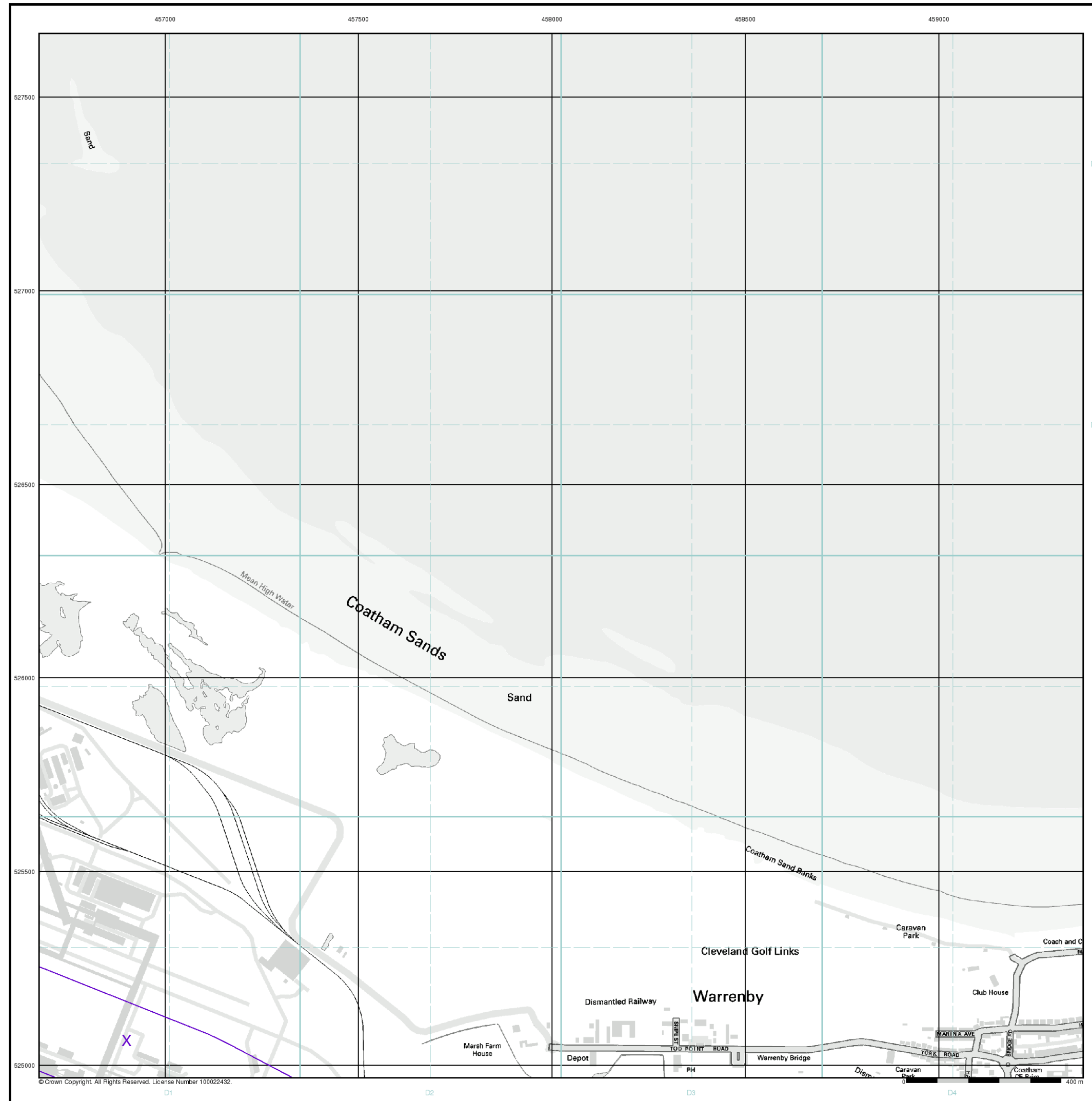
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 Customer Ref: 9Y0989-105-100
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 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details




Site at, Bran Sands, Redcar & Cleveland








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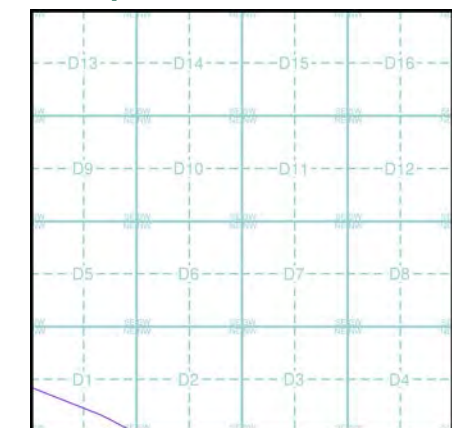
General

-  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 D








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 Search Buffer (m): 500






Site Details

Site at, Bran Sands, Redcar & Cleveland

General

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

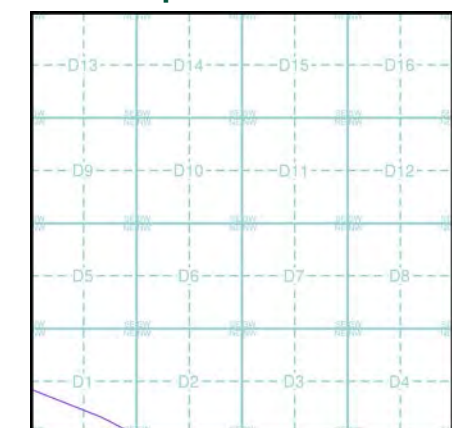
Agency and Hydrological (Boreholes)

-  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 D

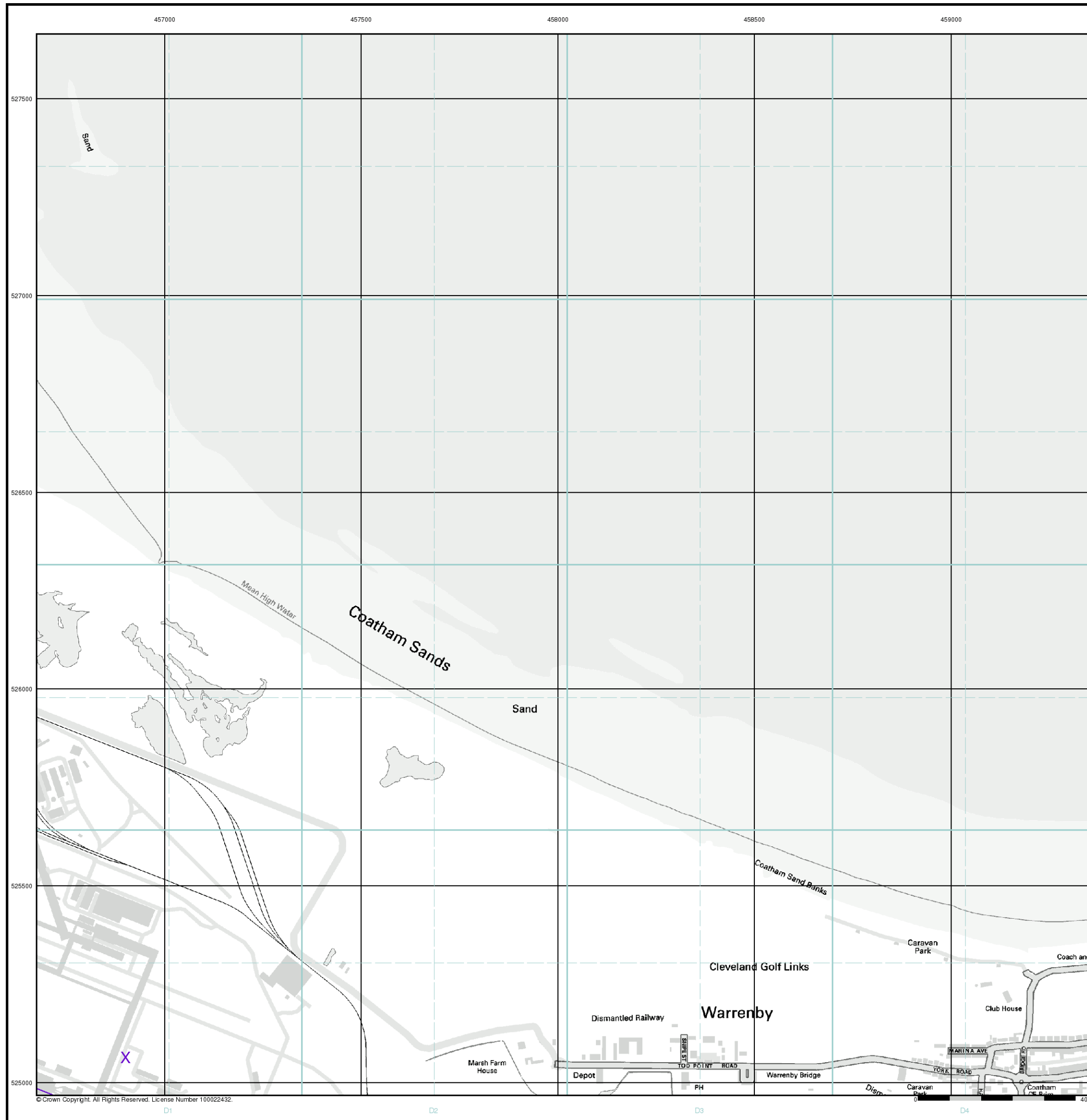


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 Customer Ref: 9Y0989-105-100
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 Site Area (Ha): 195.25
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Site Details

Site at, Bran Sands, Redcar & Cleveland



General

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

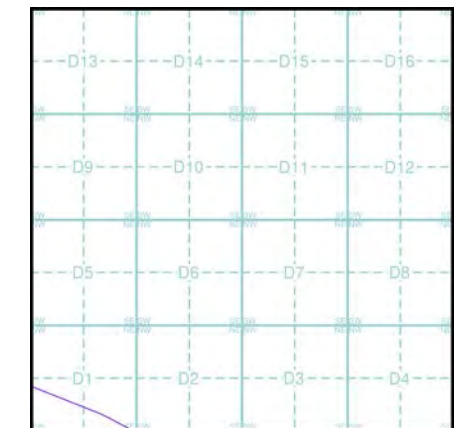
EA Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature

Contours (height in metres)

- Standard Contour *167.3 Spot Height
 Index Contour *45.8 Air Height

EA Detailed River Network Map - Slice D

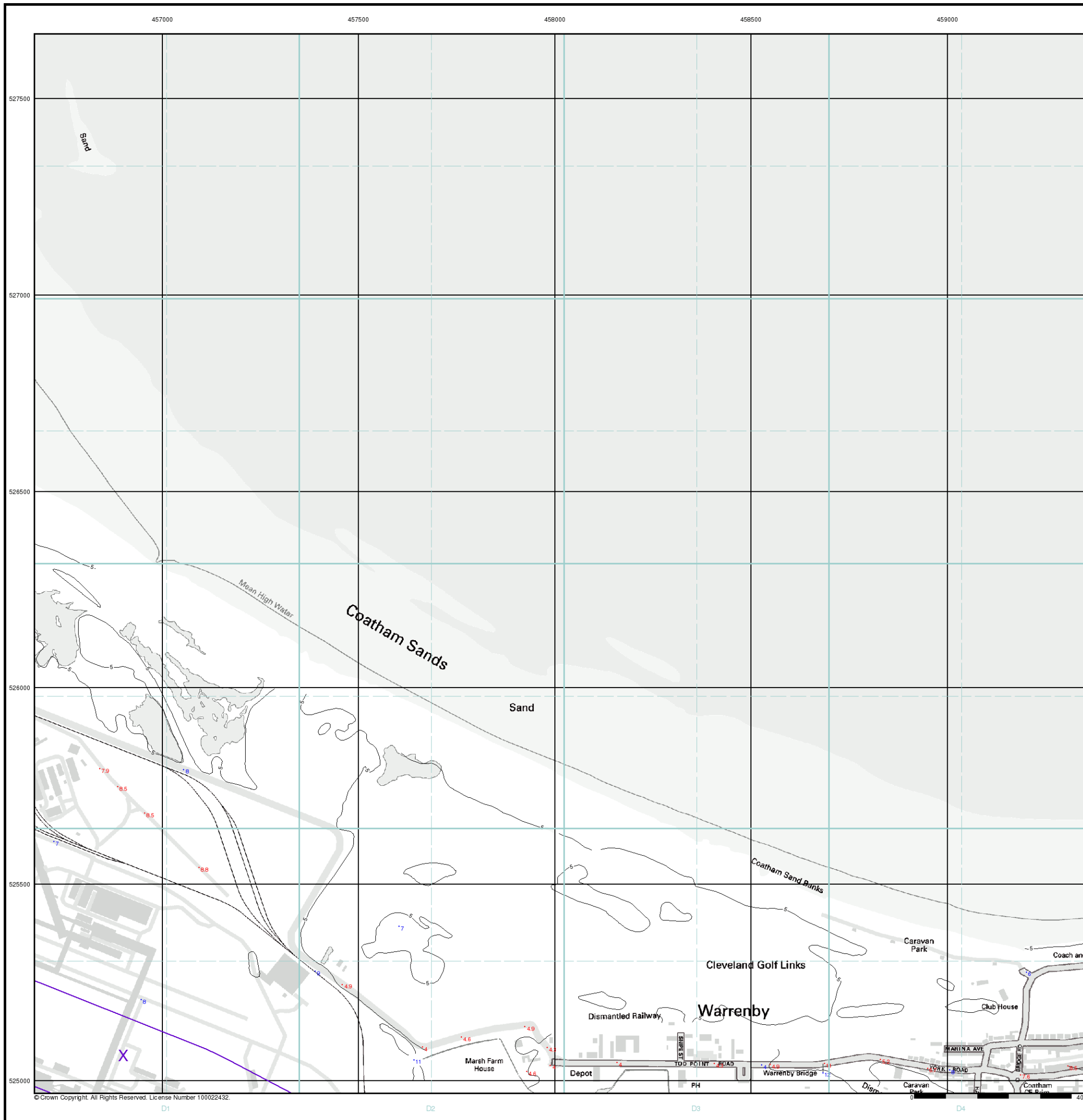


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Site Details

Site at, Bran Sands, Redcar & Cleveland



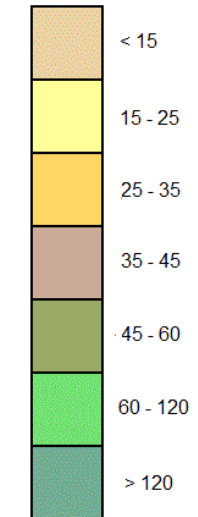
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General

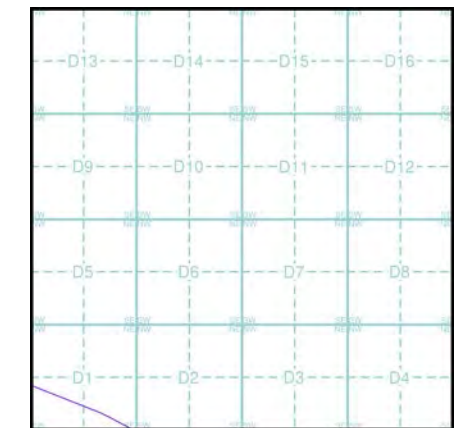
 Specified Site
  Specified Buffer(s)
  Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice D

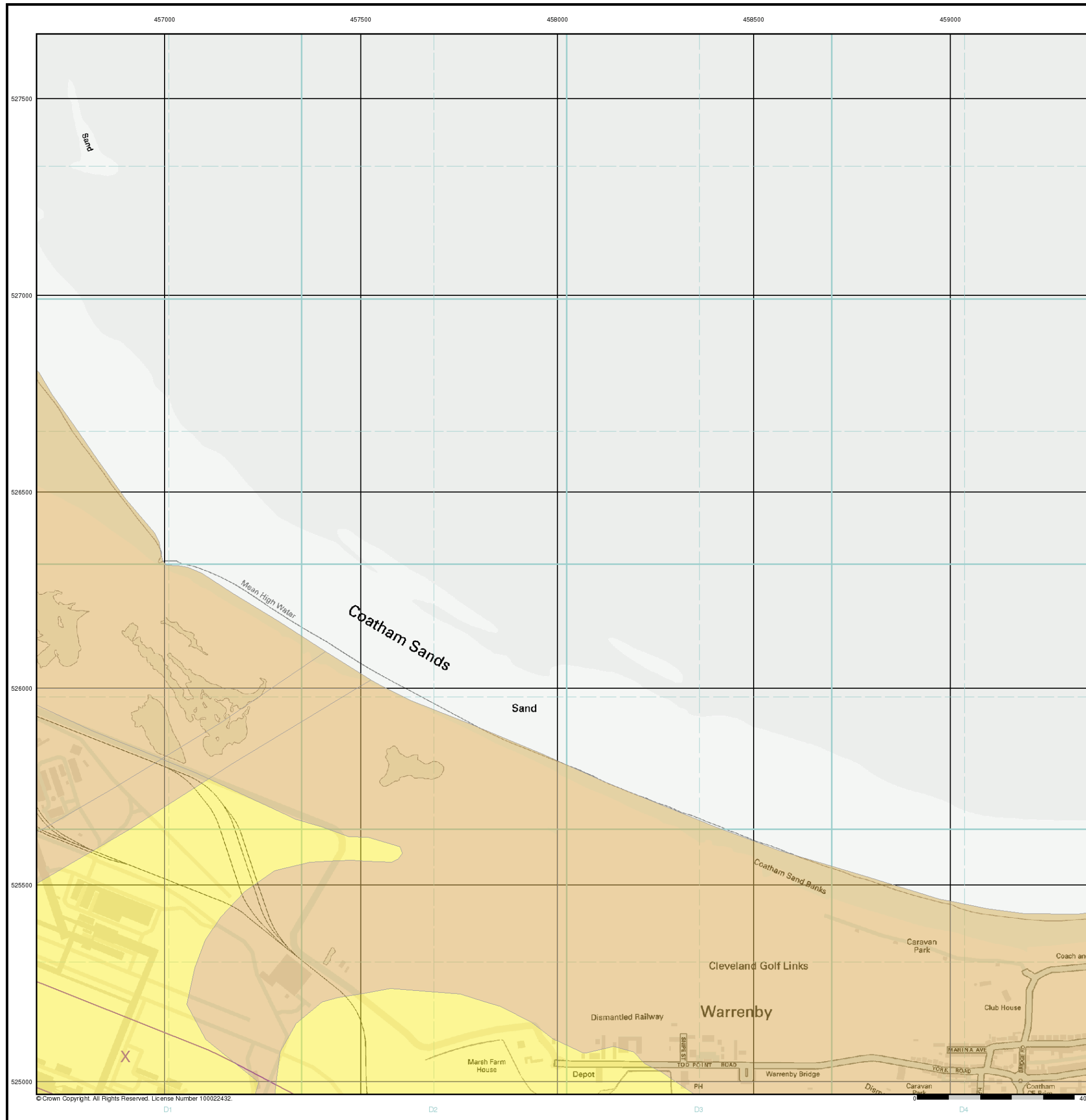


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Site Details

Site at, Bran Sands, Redcar & Cleveland



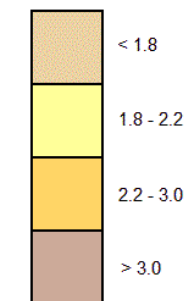
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General

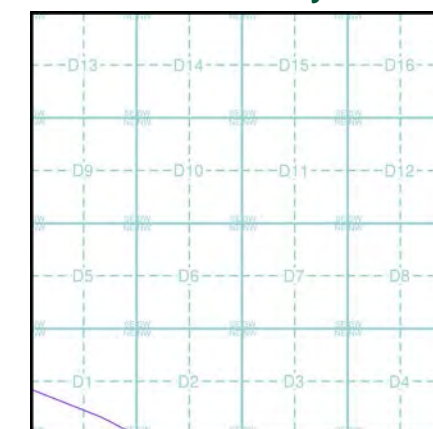
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 Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice D

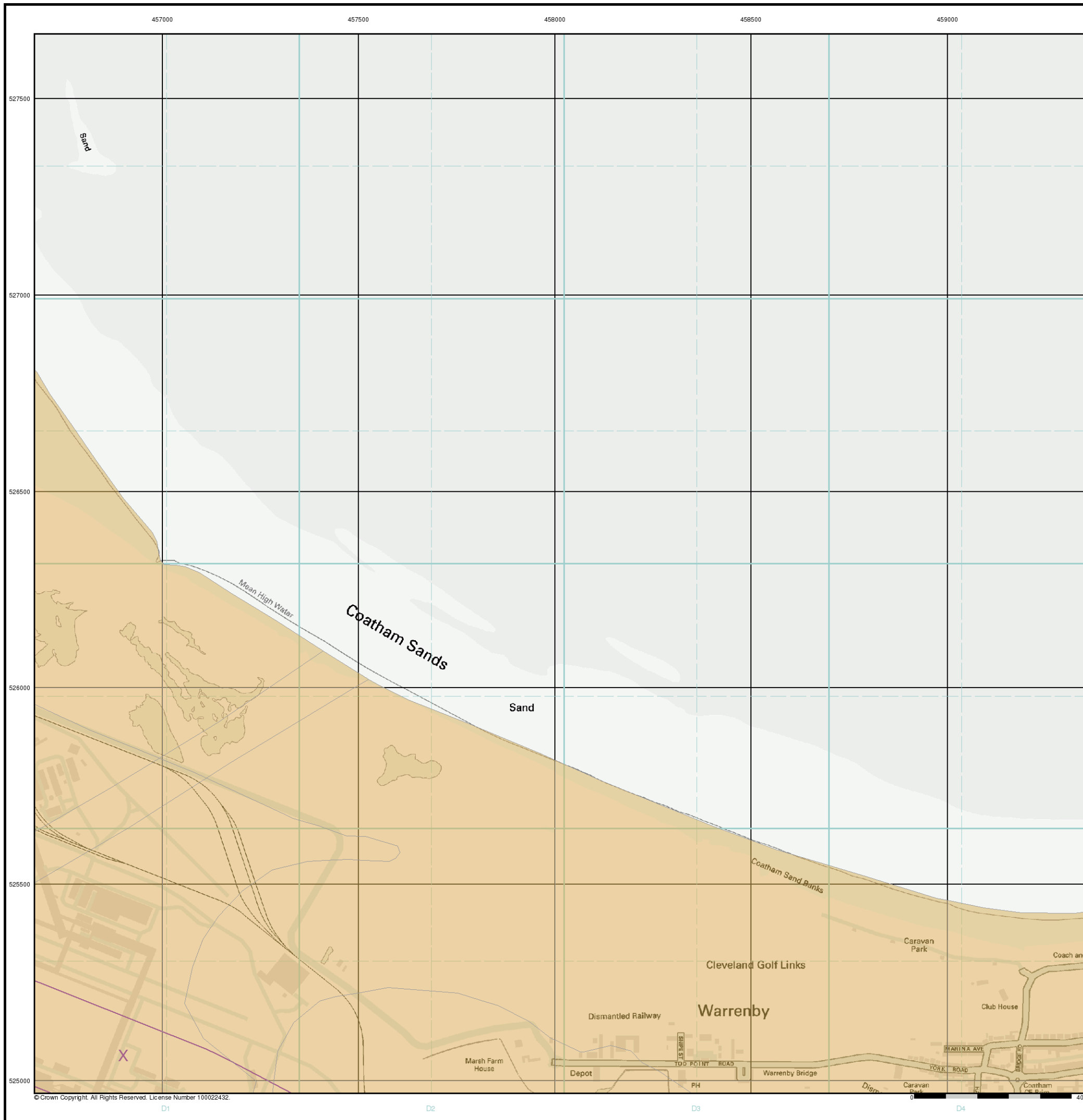


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Site Details

Site at, Bran Sands, Redcar & Cleveland



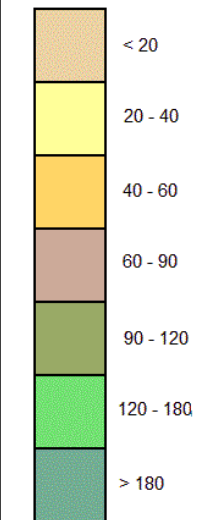
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General

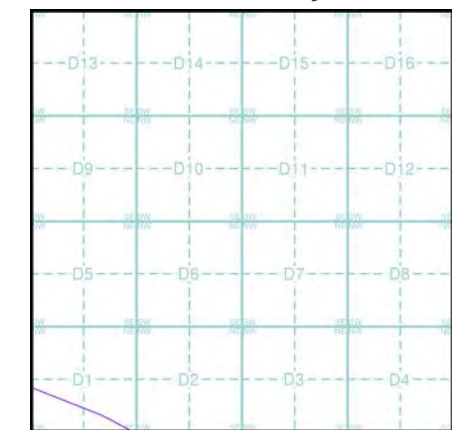
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  Specified Buffer(s)
  Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice D

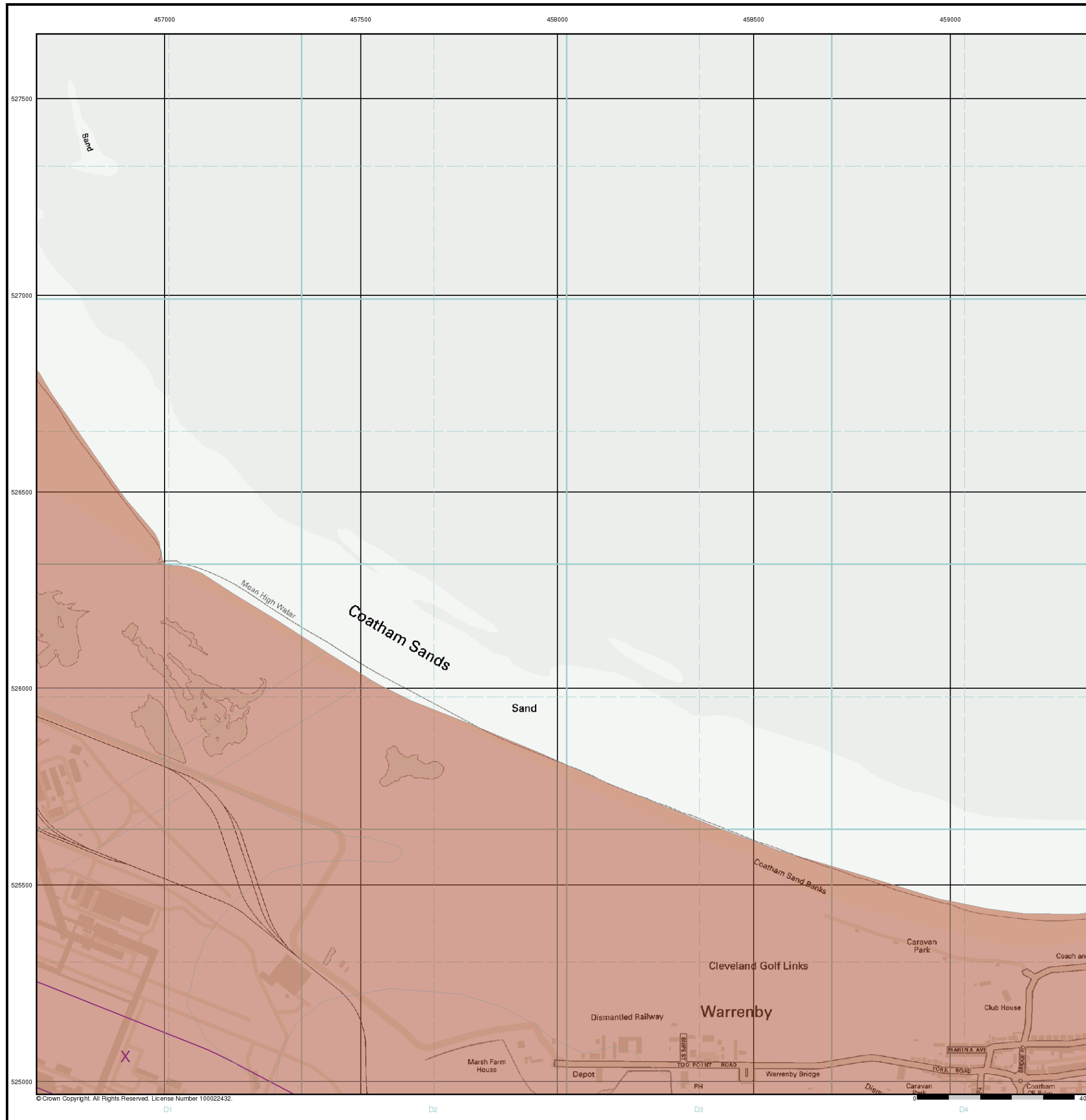


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Site Details

Site at, Bran Sands, Redcar & Cleveland



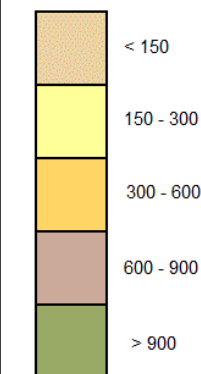
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General

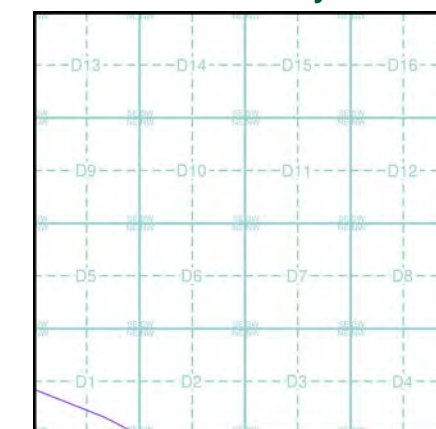
Specified Site
 Specified Buffer(s)
 Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice D

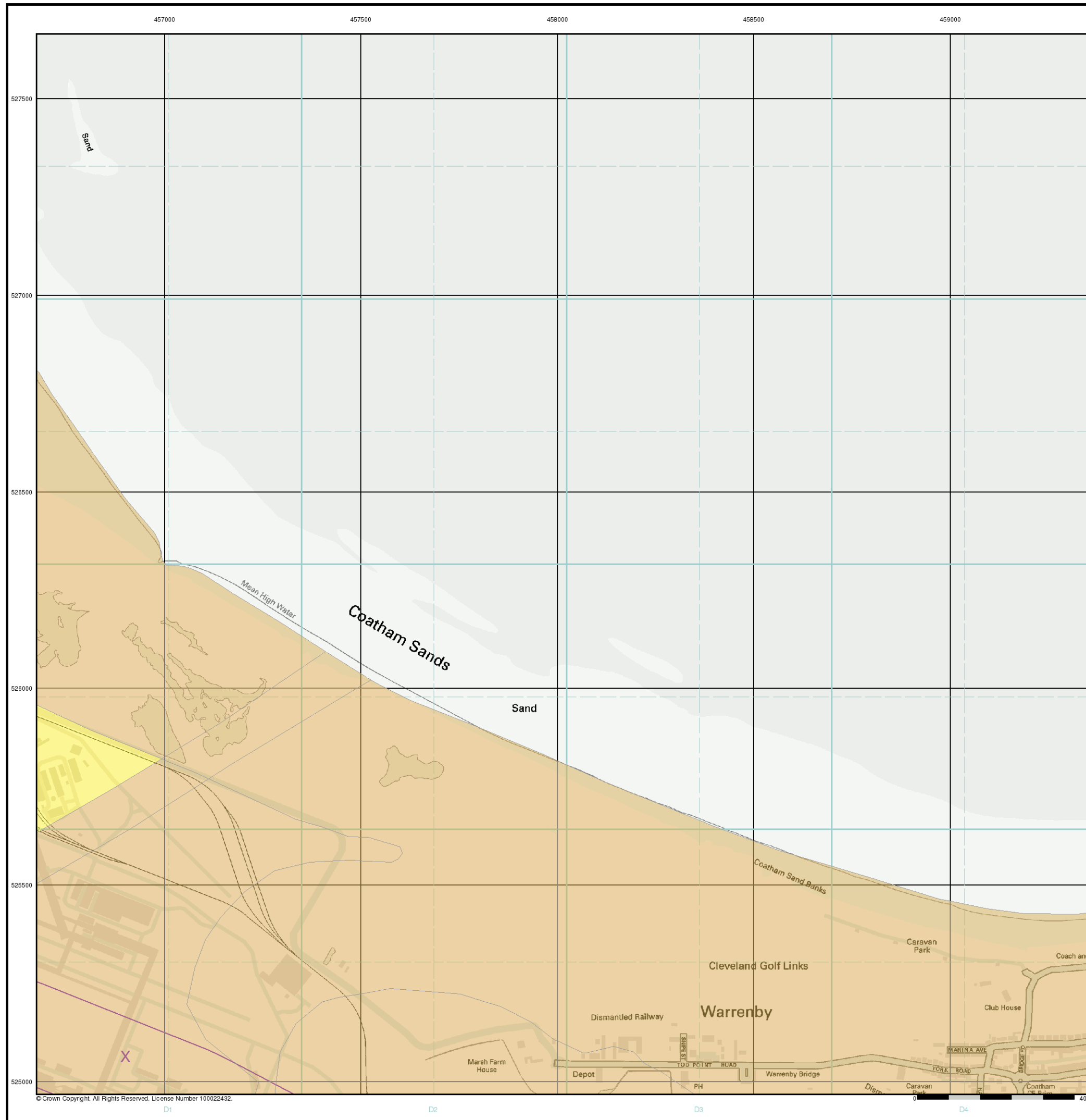


Order Details

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Site Details

Site at, Bran Sands, Redcar & Cleveland



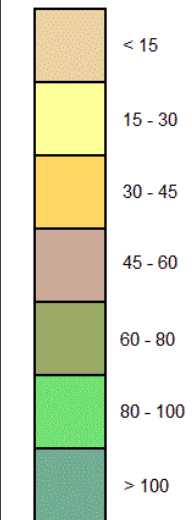
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General

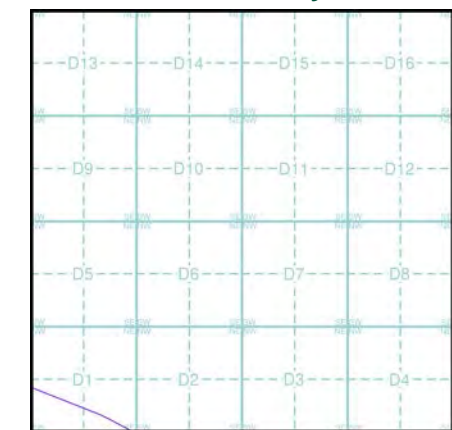
 Specified Site
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  Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice D

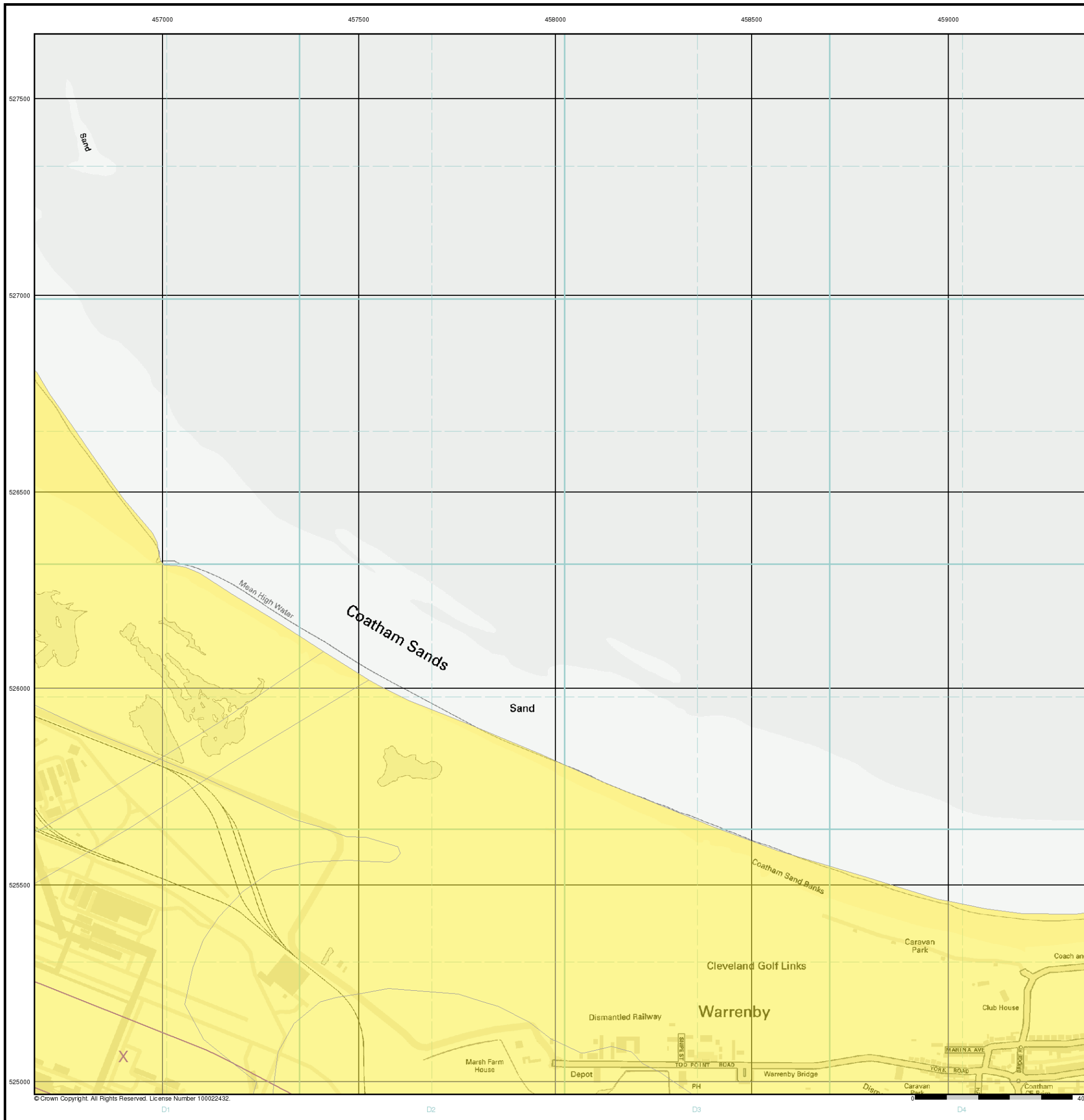


Order Details

Order Details: 51235247_1_1
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 National Grid Reference: 456900, 525060
 Slice: D
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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Appendix B

Historic Maps

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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		
	Bracken		Heath
	Rough Grassland		
	Marsh		Reeds
	Saltings		
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		
	Standard Gauge Single Track		
	Siding, Tramway or Mineral Line		
	Narrow Gauge		
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

1:10,000 Raster Mapping

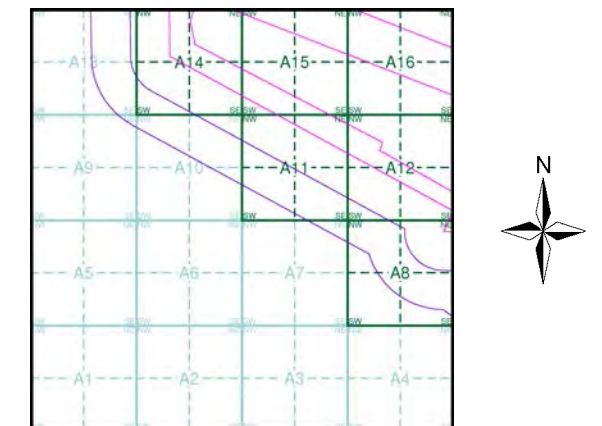
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1857	3
Durham	1:10,560	1859 - 1861	4
Yorkshire	1:10,560	1895	5
Durham	1:10,560	1898 - 1899	7
Yorkshire	1:10,560	1919 - 1931	8
Durham	1:10,560	1923	9
Durham	1:10,560	1923	10
Durham	1:10,560	1938 - 1951	11
Yorkshire	1:10,560	1938	12
Durham	1:10,560	1952	13
Ordnance Survey Plan	1:10,000	1953 - 1955	14
Middlesbrough	1:10,000	1975	15
Ordnance Survey Plan	1:10,000	1976	16
Ordnance Survey Plan	1:10,000	1985	17
Ordnance Survey Plan	1:10,000	1990 - 1992	18
Middlesbrough	1:25,000	1991	19
Ordnance Survey Plan	1:10,000	1993	20
10K Raster Mapping	1:10,000	2006	21
10K Raster Mapping	1:10,000	2013	22

Historical Map - Slice A



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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

a. Not drawn to scale b. Drawn to scale

	Government and Administrative Buildings		Military and Industrial Buildings
	Military and Communication Areas		Subway Entrance
	Fireproof Building		Prominent Fireproof Building
	Non-fireproof Building		Non-fireproof Building (non-dwelling)
	Factory, mill, and flour mill, with chimneys		Factory, mill, and flour mill, without chimneys
	Power Station, drawn to scale		Hydroelectric Power Station
	Radio Station, drawn to scale		Telephone Station, drawn to scale
	Abandoned Open-pit Mine or Quarry		Open-pit Salt Mine
	Pit		Oil Deposit or Well
	Oil Seepage		Natural Gas Tank
	Tailings Pile		Fuel Storage Tanks
	Bench Mark		Drill Hole
	Burial Mound		Triangulation Point on Burial Mound
	Single-track Railroad		Double-track Railroad
	Railroad and Station Building		Small Bridge
	Tunnel		Pipe (Culvert)
	Coniferous Forest		Deciduous Forest
	Mixed Forest		Lawns
	Citrus Orchard		Wet Ground
	Scattered Vegetation		

243,8 Values for prominent elevations
186.0 Numbers for spot elevations, depth soundings, contour lines, etc.
0,2 Velocity of the current, width of river bed, depth of river
180/12 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 (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

	Government and Administrative Buildings		Military and Industrial Buildings
	Military and Communication Areas		Subway Entrance
	Partly Demolished Buildings		Demolished Buildings
	Built-Up Area with Fireproof Buildings Predominant		Built-Up Area with Non-Fireproof Buildings Predominant
	Individual Fireproof Building		Prominent Industrial Building
	Individual Dwelling, Fireproof		Ruins of an Individual Dwelling
	Factory or Mill Chimney		Factory or Mill with Chimney
	Factory or Mill without Chimney		Salt Mine
	Operating Shaft or Mine		Non-Operating Shaft or Mine
	Tailings Pile		Gas Pump or Service Station
	Fuel Storage or Natural Gas Tank		Oil or Natural Gas Derrick
	Small Hydroelectric Power Station		Power Station
	Transformer Station		Cemetery
	Burial Mound (height in metres)		Triangulation Point on Burial Mound
	Triangulation Point		Bench Mark
	Bench Mark (monumented)		Telegraph Office
	Telephone Station		Radio Station
	Radio Tower		Airfield or Seaplane Base
	Landing Strip		Cut
	Fill		Km Post
	Plantings		Width of Road
	Steep Grade		Telegraph/Telephone Lines
	Main Highway		Highway under Construction
	Improved Dirt Road (former truck road)		Small Bridge
	Pipe (Culvert)		Tunnel
	Dismantled Railroad		Double-track Railroad with First Class Station
	Railroad Under Construction		Shore Embankment
	River or Ditch with Embankment		Water Gauge
	Direction and velocity of current		Water Level Mark
	Well		Spring
	Water Reservoir or Rain Water Pit		Isobath with value
	Heavy (Index) Contour Line		Half Contour Line
	Contour Line and Value		Spot Elevation Value
	Coniferous		Deciduous
	Mixed		Scrub

Key to Numbers on Mapping



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1857	3
Durham	1:10,560	1859 - 1861	4
Yorkshire	1:10,560	1895	5
Yorkshire	1:10,560	1895	6
Durham	1:10,560	1898 - 1899	7
Yorkshire	1:10,560	1919 - 1931	8
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Durham	1:10,560	1923	10
Durham	1:10,560	1938 - 1951	11
Yorkshire	1:10,560	1938	12
Durham	1:10,560	1952	13
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Middlesbrough	1:10,000	1975	15
Ordnance Survey Plan	1:10,000	1976	16
Ordnance Survey Plan	1:10,000	1985	17
Ordnance Survey Plan	1:10,000	1990 - 1992	18
Middlesbrough	1:25,000	1991	19
Ordnance Survey Plan	1:10,000	1993	20
10K Raster Mapping	1:10,000	2006	21
10K Raster Mapping	1:10,000	2013	22

Russian Map - Slice A



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
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 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Tel: 0844 844 9952
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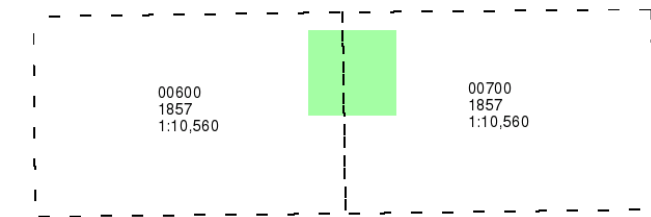
Yorkshire

Published 1857

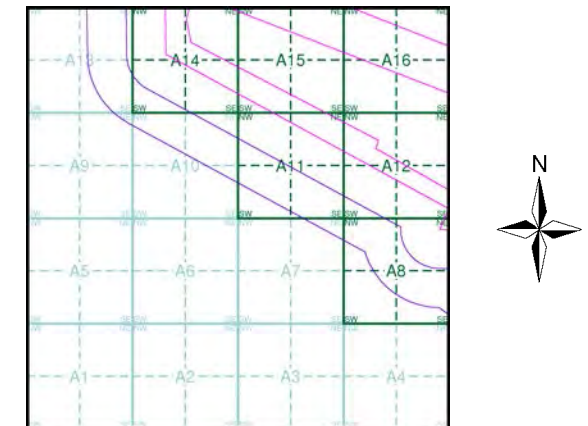
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

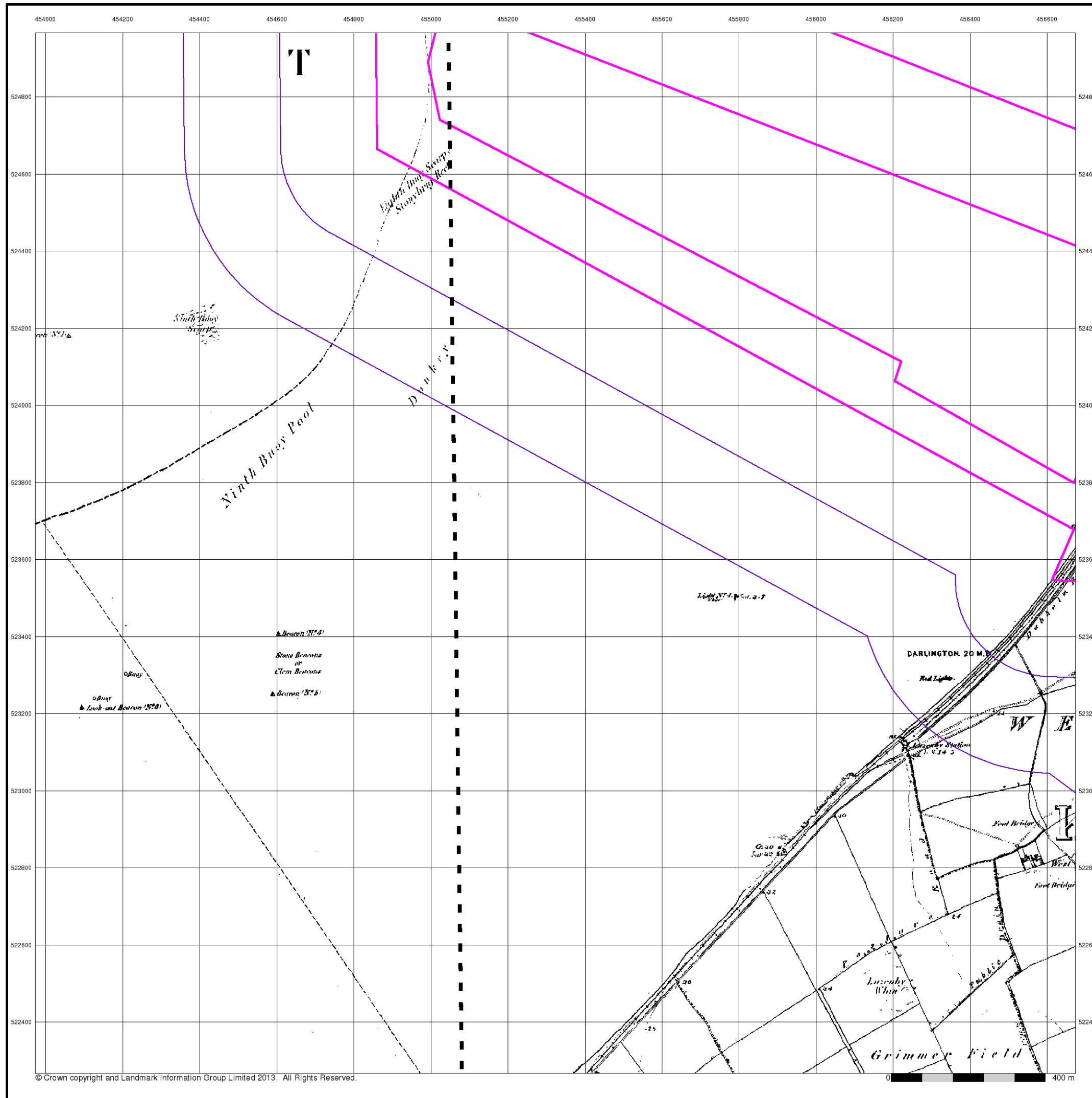


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Durham

Published 1859 - 1861

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)

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05100	1859	1:10,560

Historical Map - Slice A

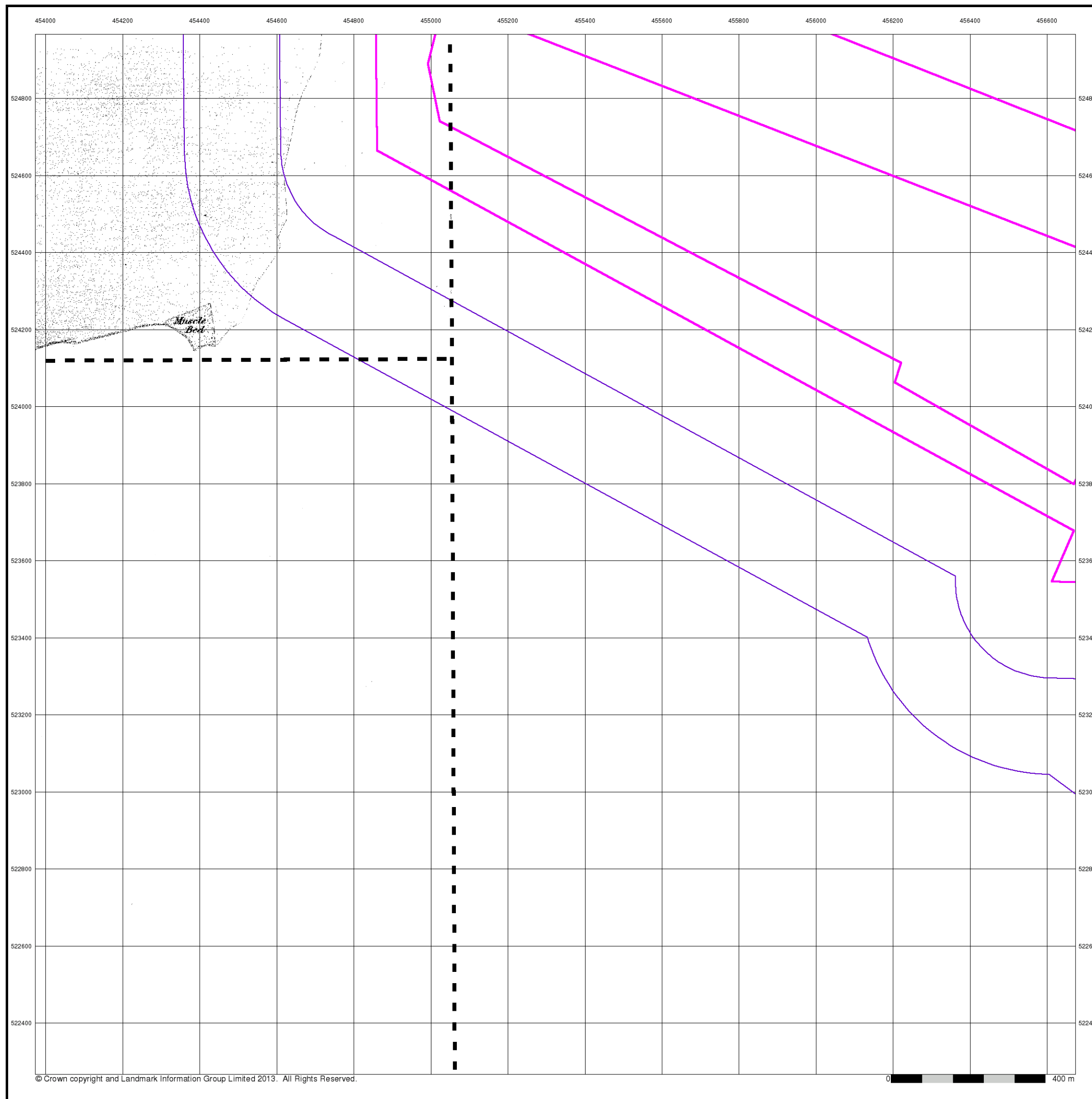


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
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 Slice: A
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Site Details

Site at, Bran Sands, Redcar & Cleveland



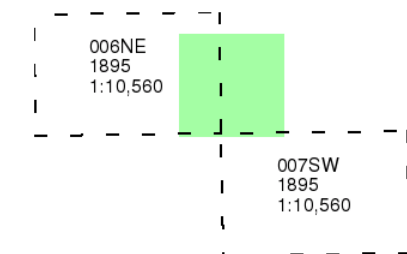
Yorkshire

Published 1895

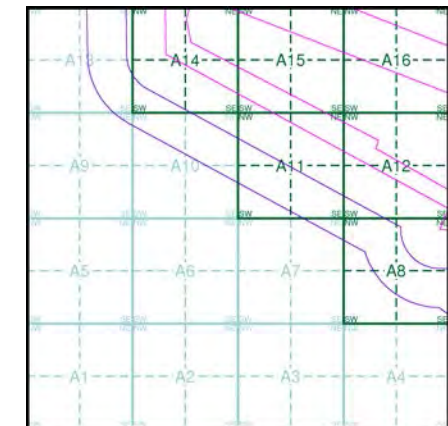
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

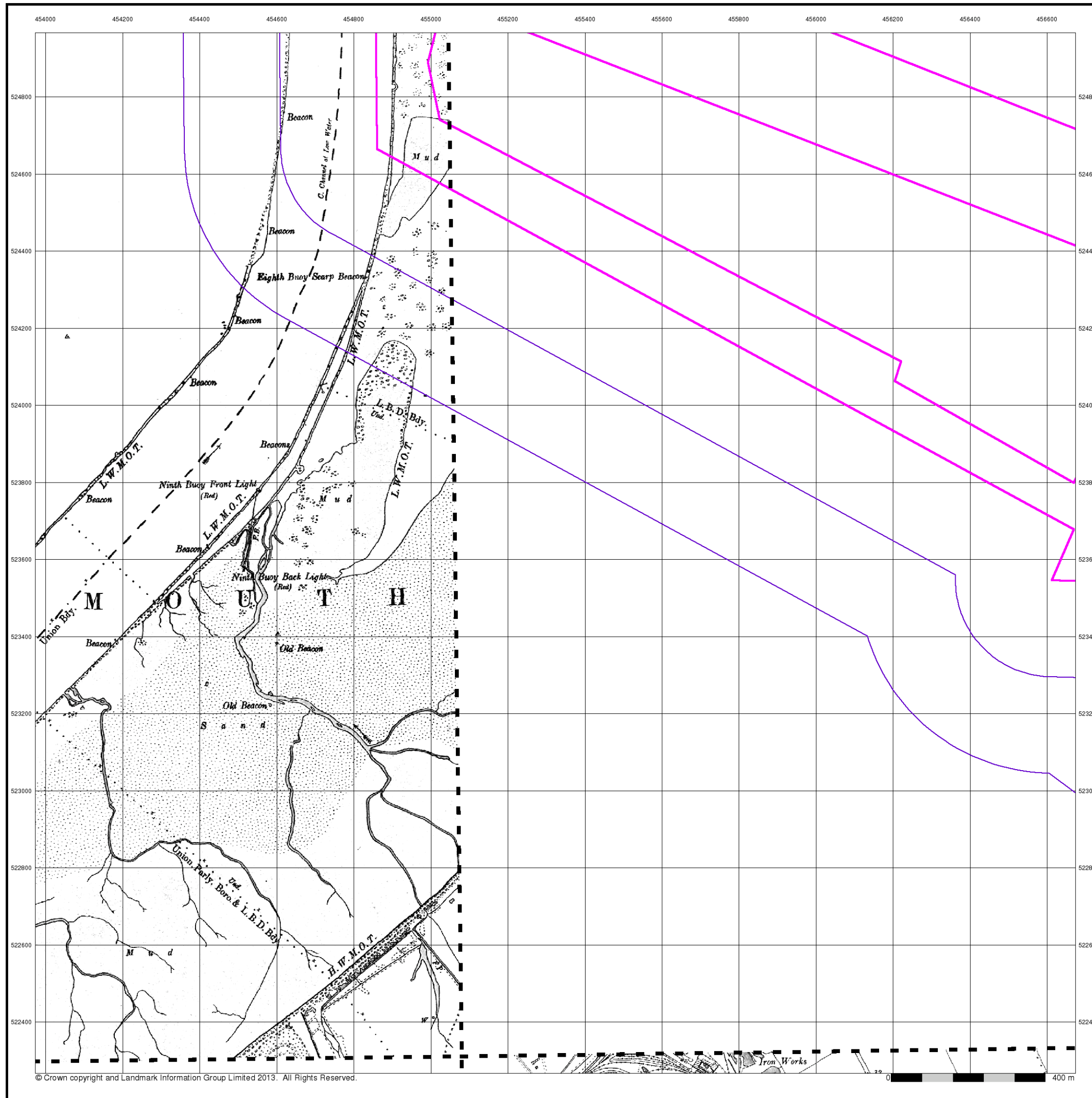


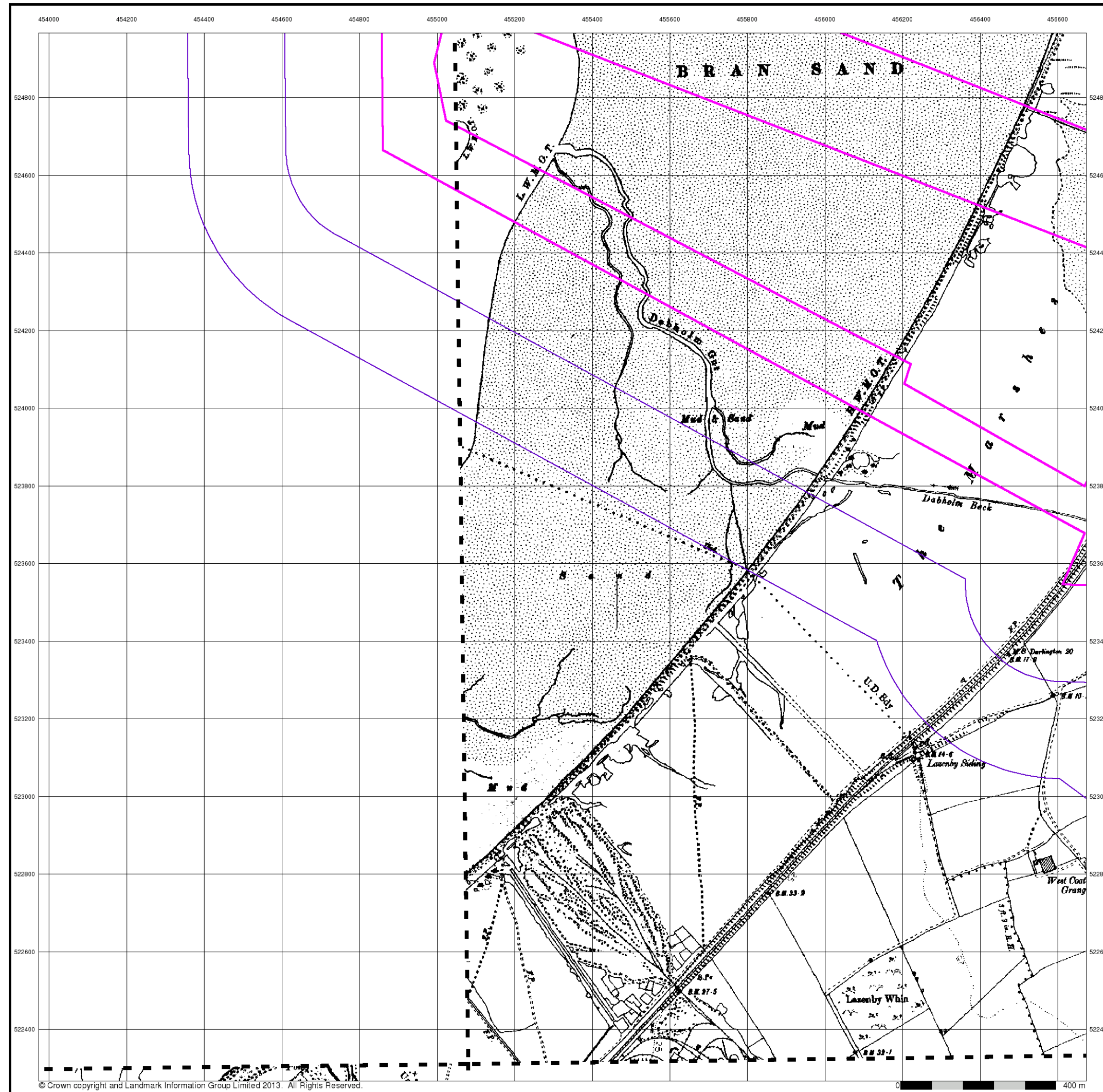
Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
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 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland

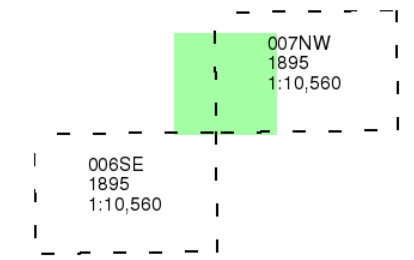




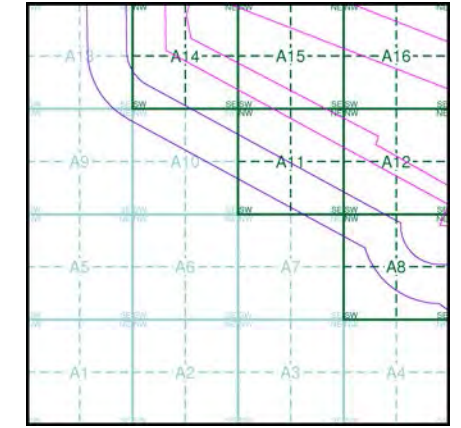
Yorkshire
Published 1895
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details
 Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details
 Site at, Bran Sands, Redcar & Cleveland

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Durham

Published 1898 - 1899

Source map scale - 1:10,560

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Map Name(s) and Date(s)

045SE	1898	1:10,560
051NE	1899	1:10,560

Historical Map - Slice A

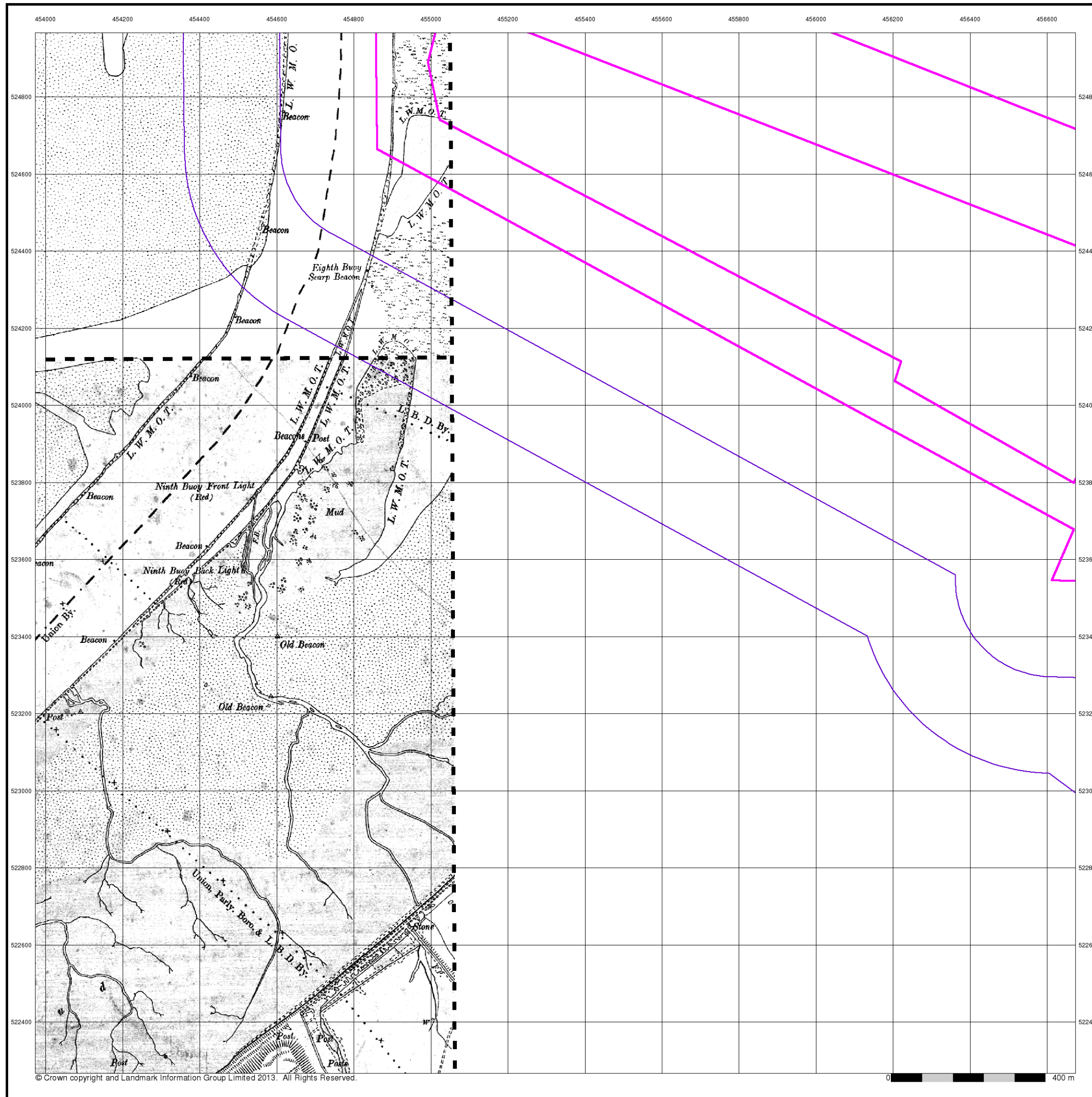


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland




Yorkshire

Published 1919 - 1931

Source map scale - 1:10,560

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Map Name(s) and Date(s)

	
006SE 1931 1:10,560	007SW 1919 1:10,560

Historical Map - Slice A

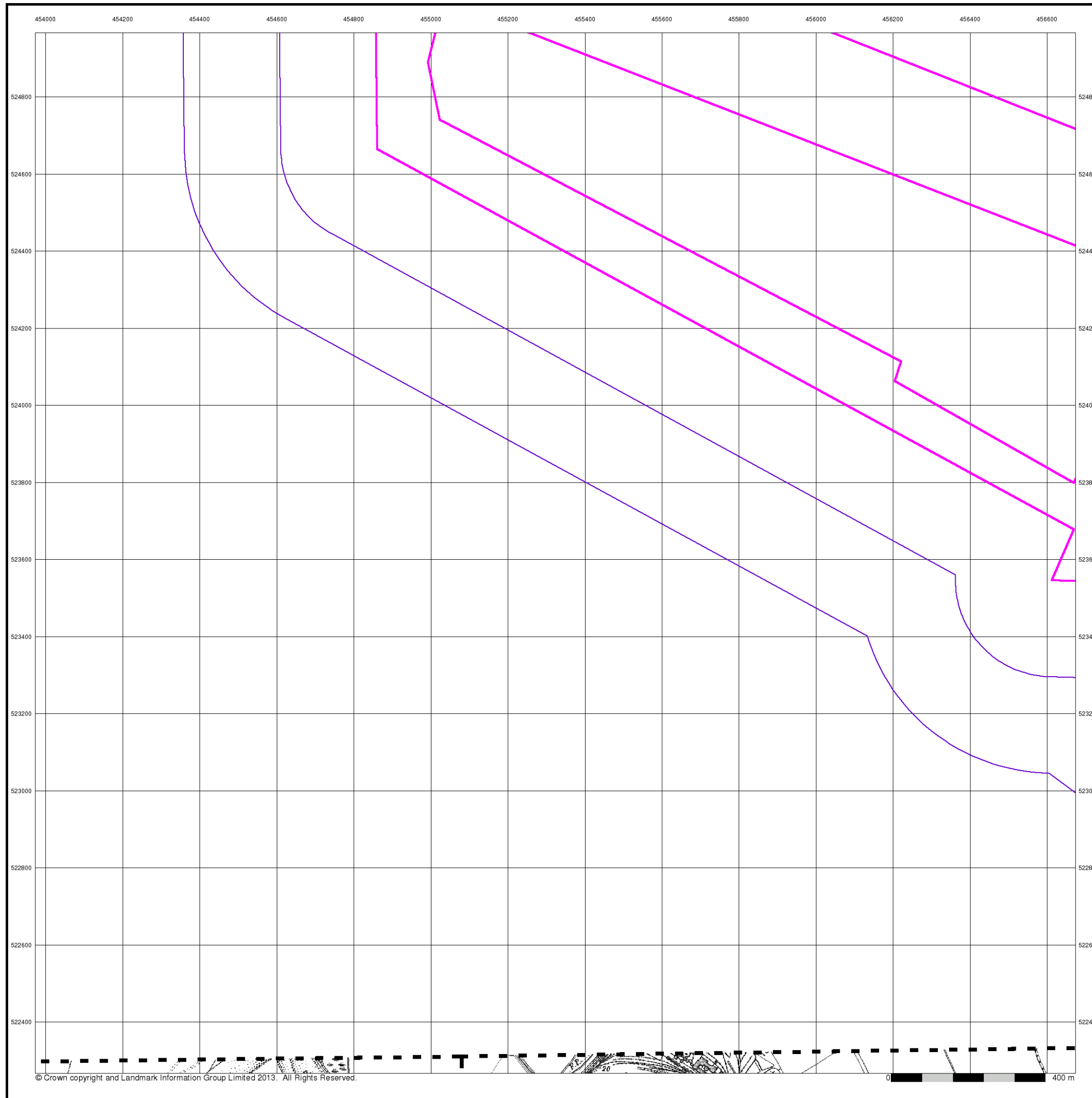


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



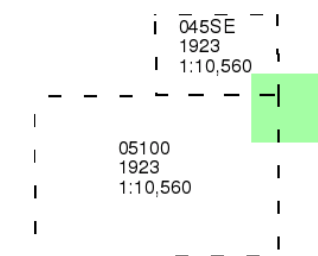
Durham

Published 1923

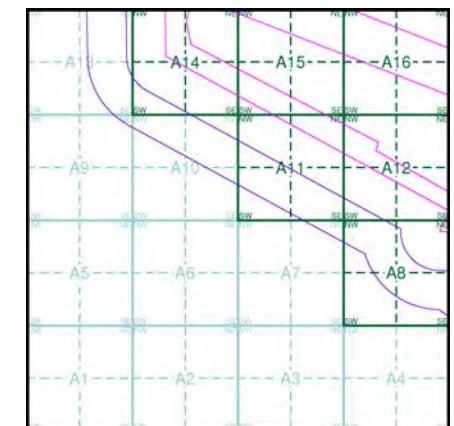
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

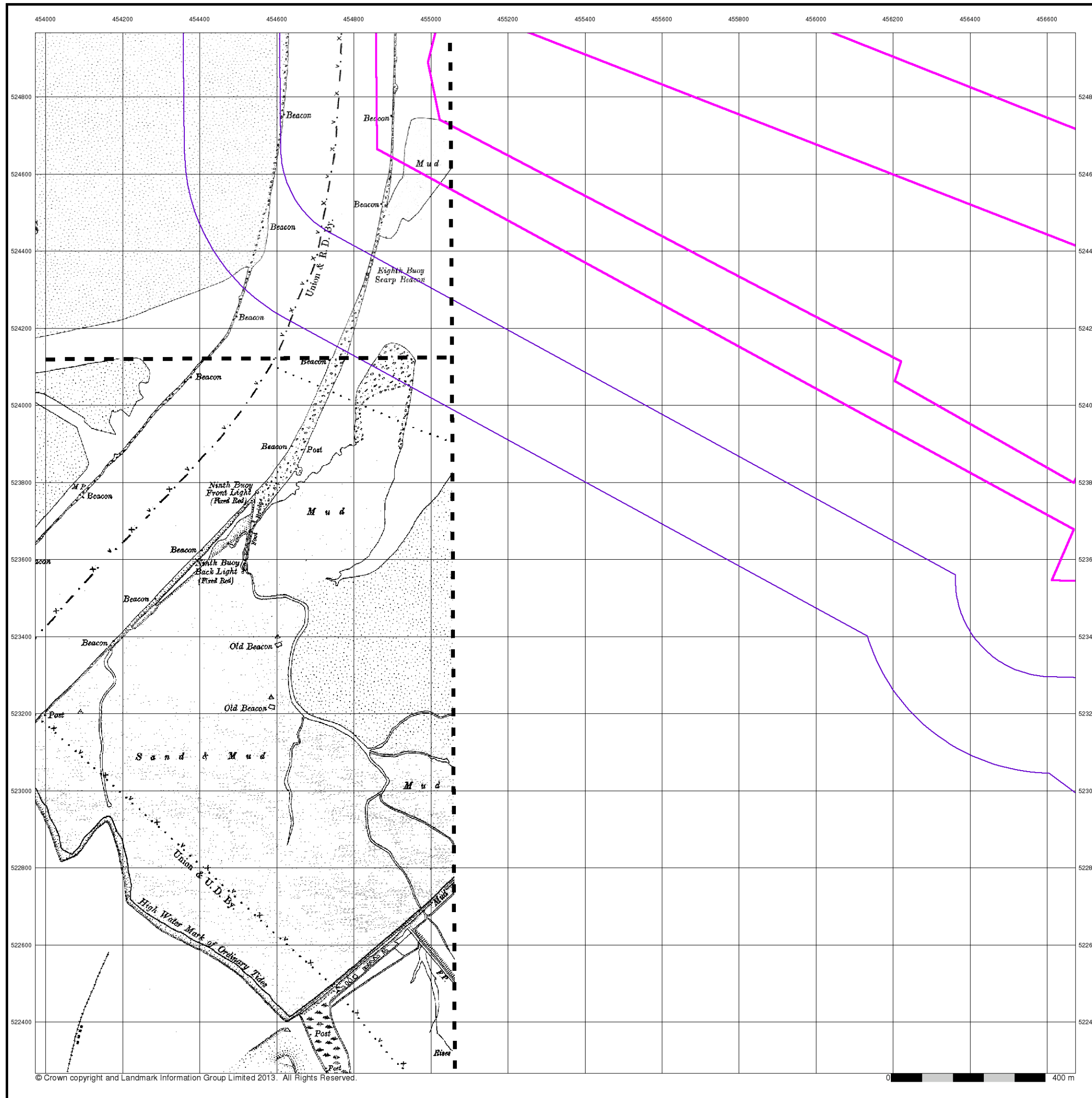


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
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Site Details

Site at, Bran Sands, Redcar & Cleveland



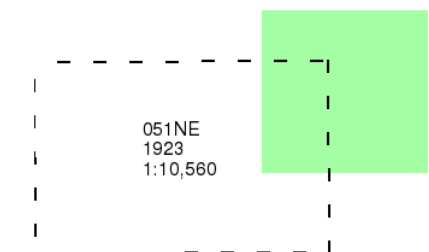
Durham

Published 1923

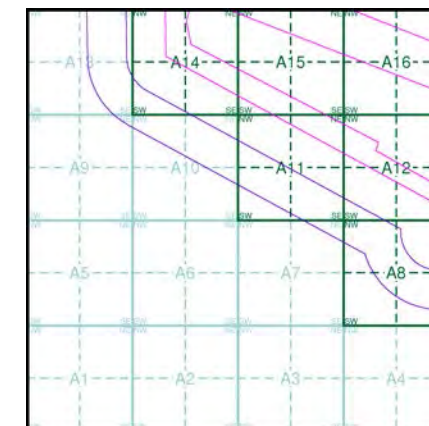
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

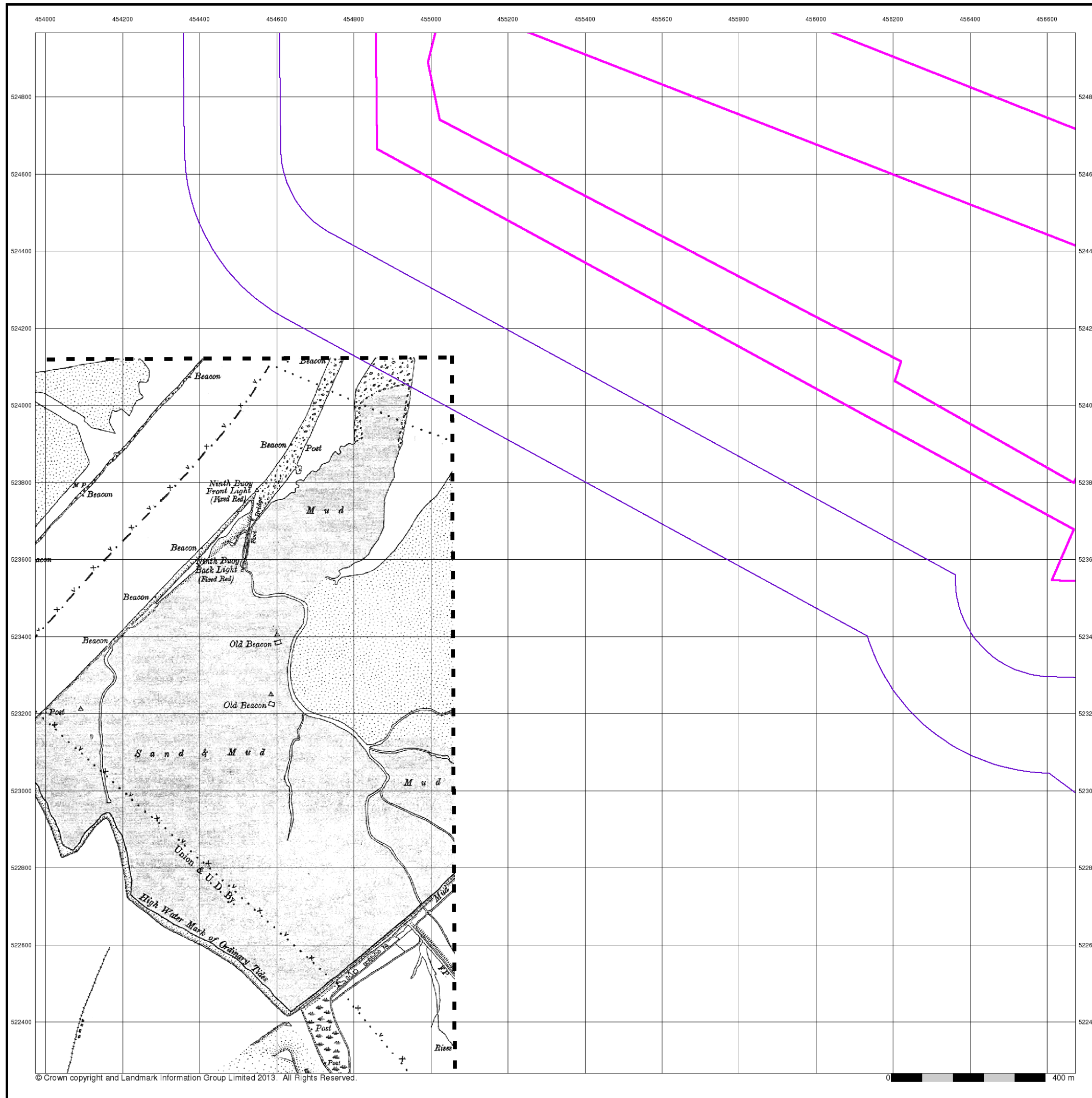


Order Details

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 Slice: A
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 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Durham

Published 1938 - 1951

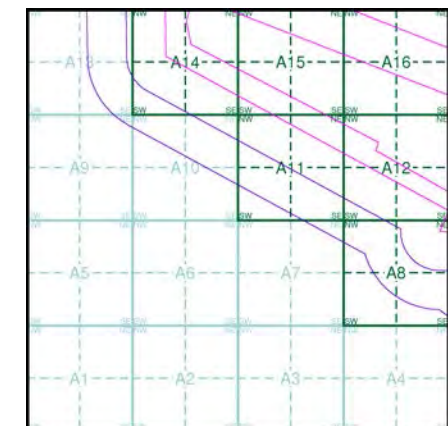
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

045SE	1951	1:10,560
051NE	1938	1:10,560

Historical Map - Slice A

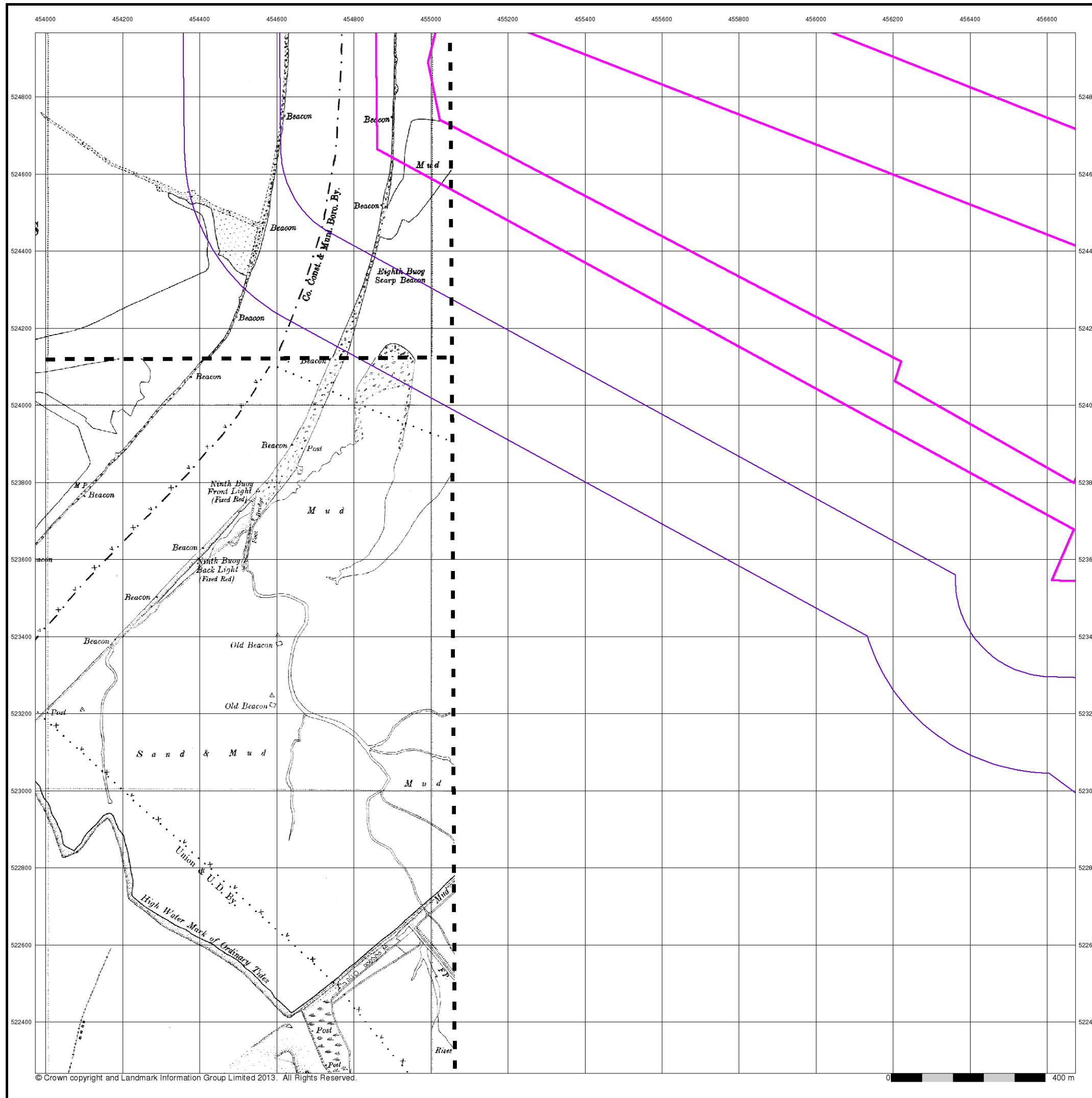


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
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 Slice: A
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 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



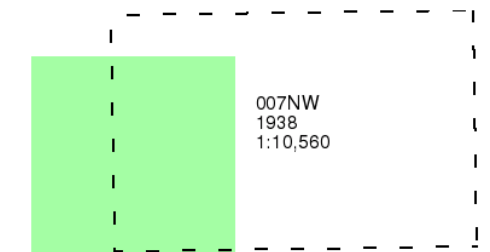
Yorkshire

Published 1938

Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



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 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Durham

Published 1952

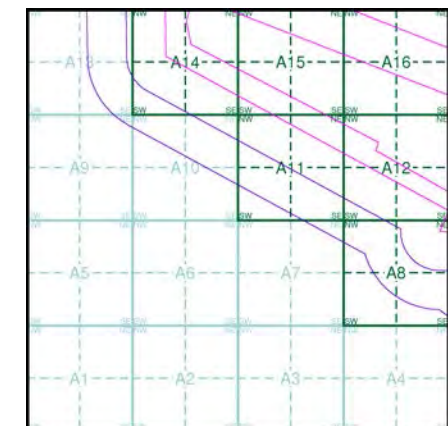
Source map scale - 1:10,560

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)

045SE	1952	1:10,560
051NE	1952	1:10,560

Historical Map - Slice A

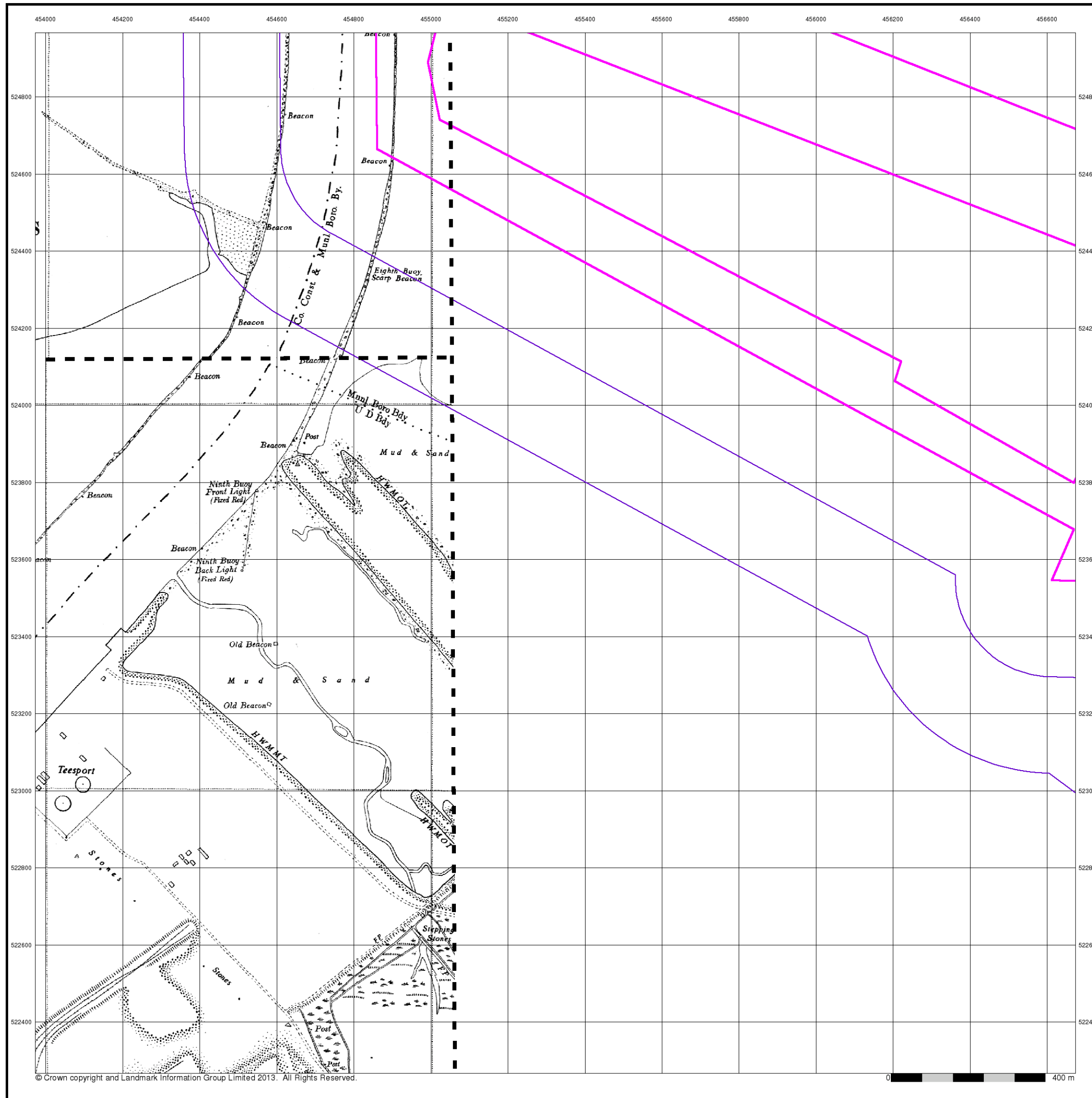


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



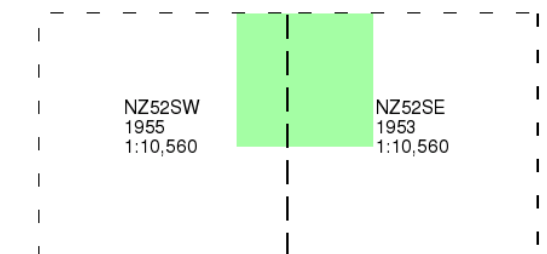
Ordnance Survey Plan

Published 1953 - 1955

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

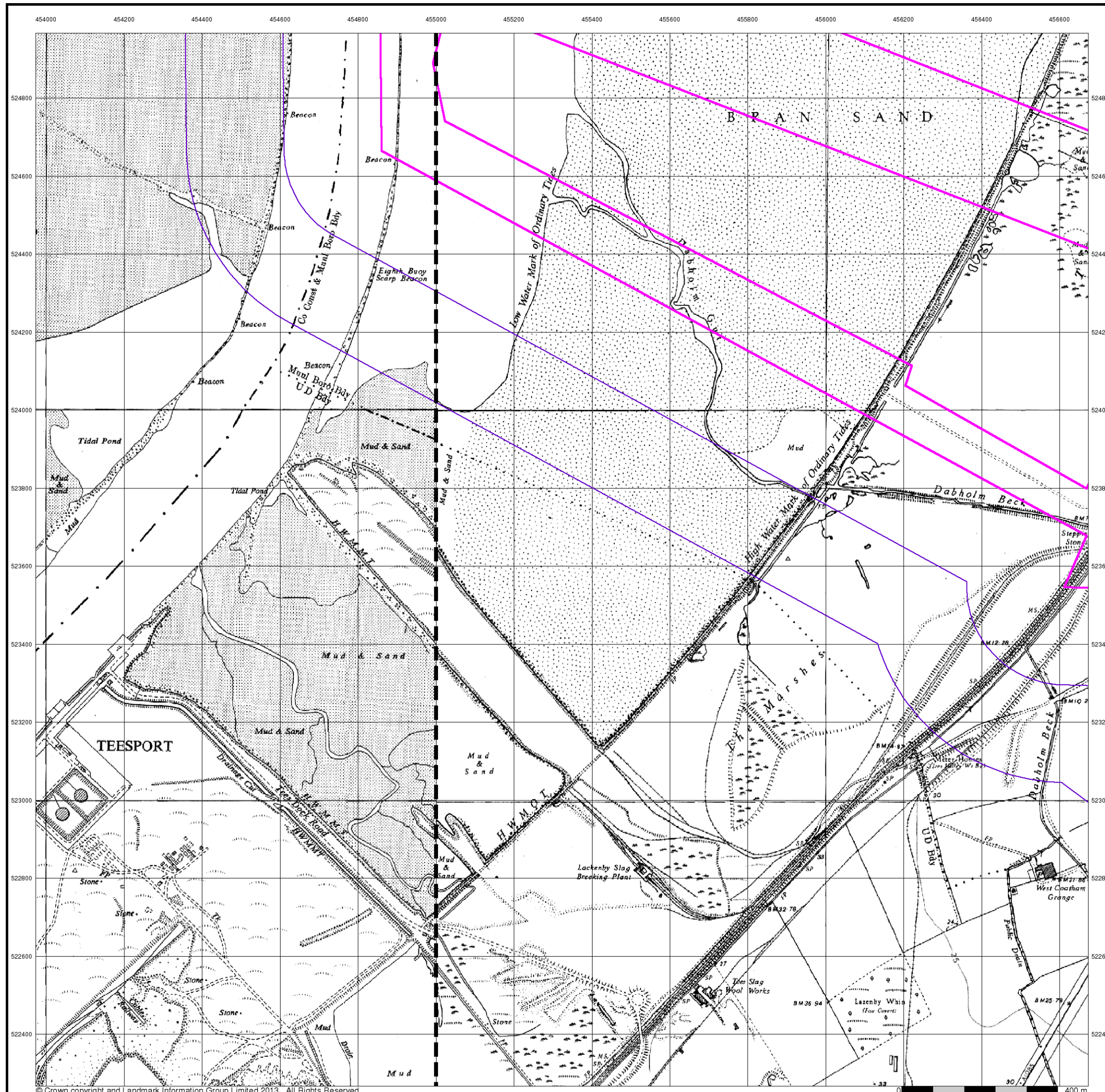


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



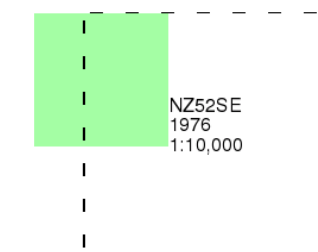
Ordnance Survey Plan

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

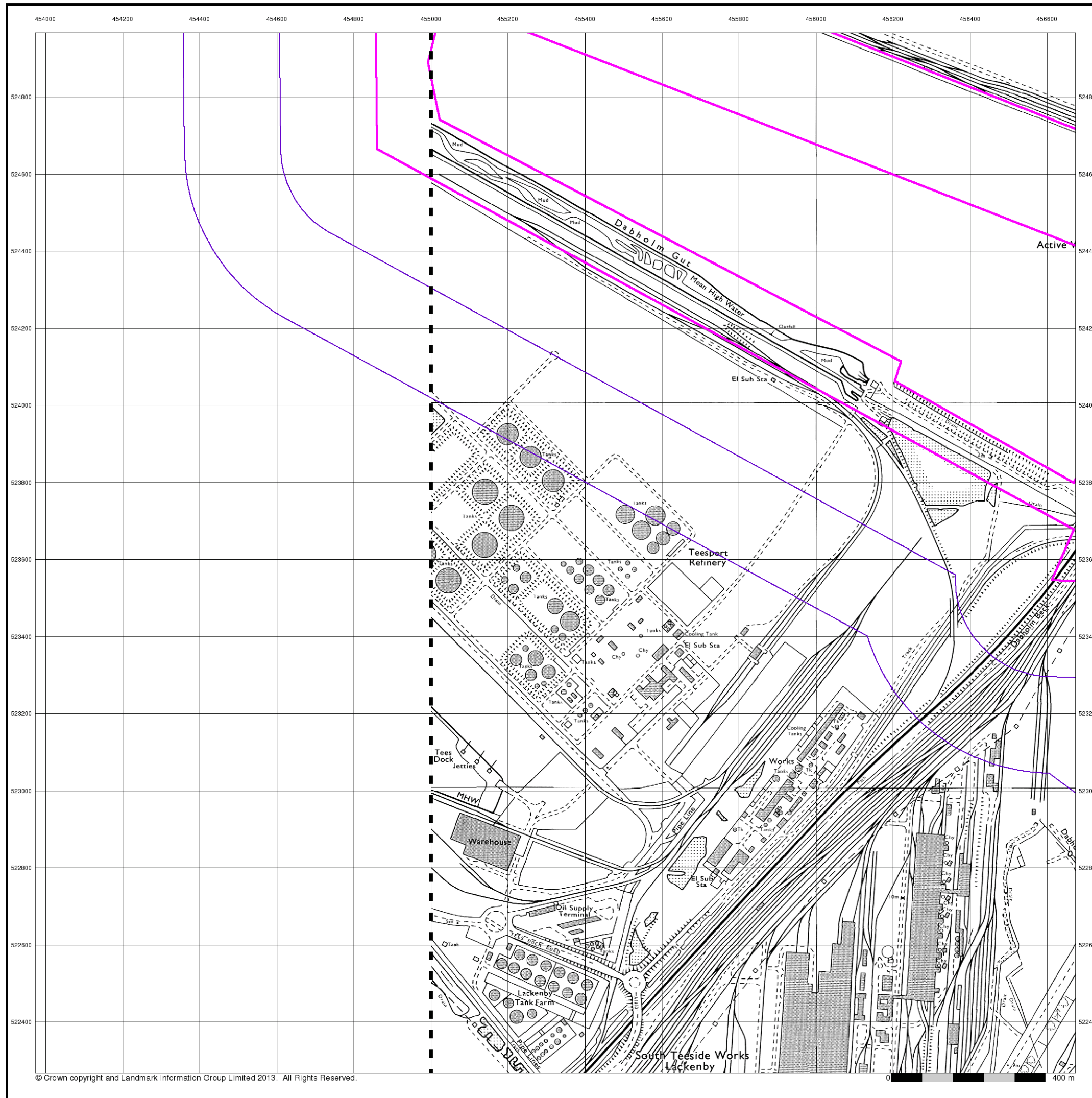


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



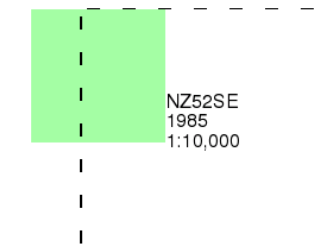
Ordnance Survey Plan

Published 1985

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

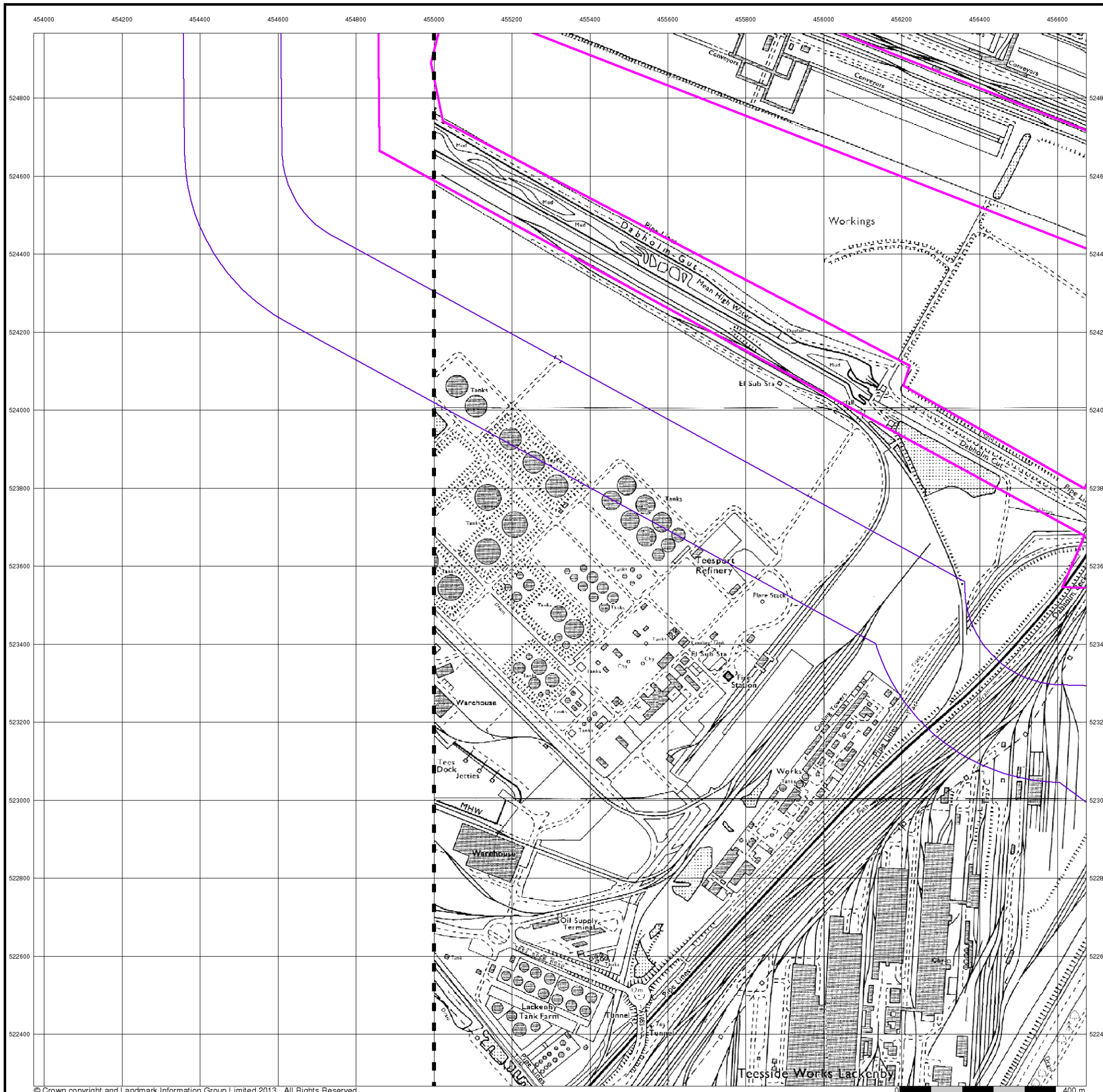


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

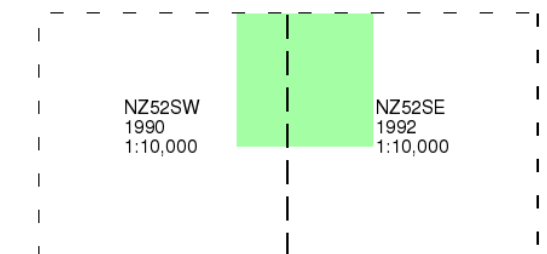
Site at, Bran Sands, Redcar & Cleveland



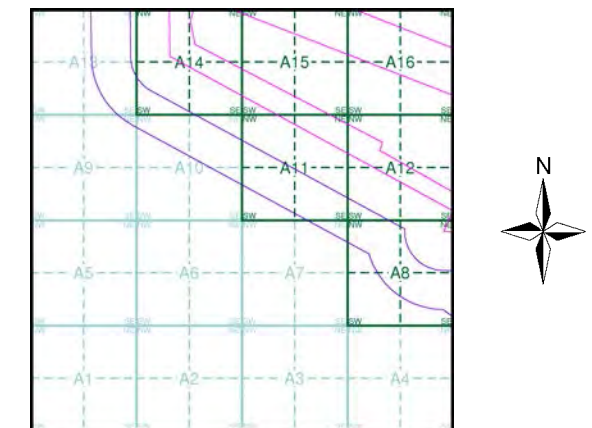
Ordnance Survey Plan
Published 1990 - 1992
Source map scale - 1:10,000

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

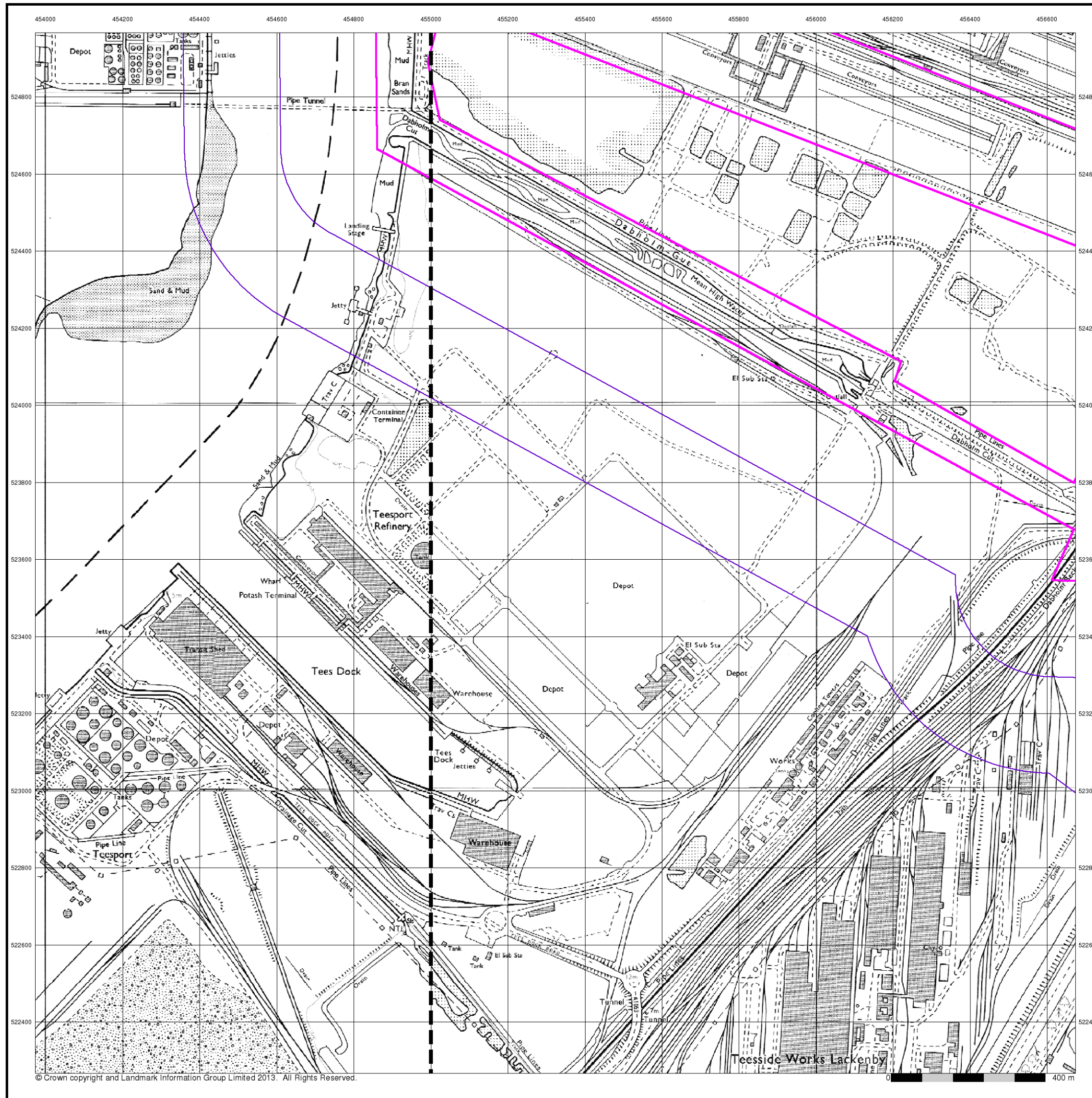


Order Details

Order Number: 51235247_1_1
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 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Middlesbrough

Published 1991

Source map scale - 1:25,000

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)

NZ52
1991
1:25,000

Russian Map - Slice A

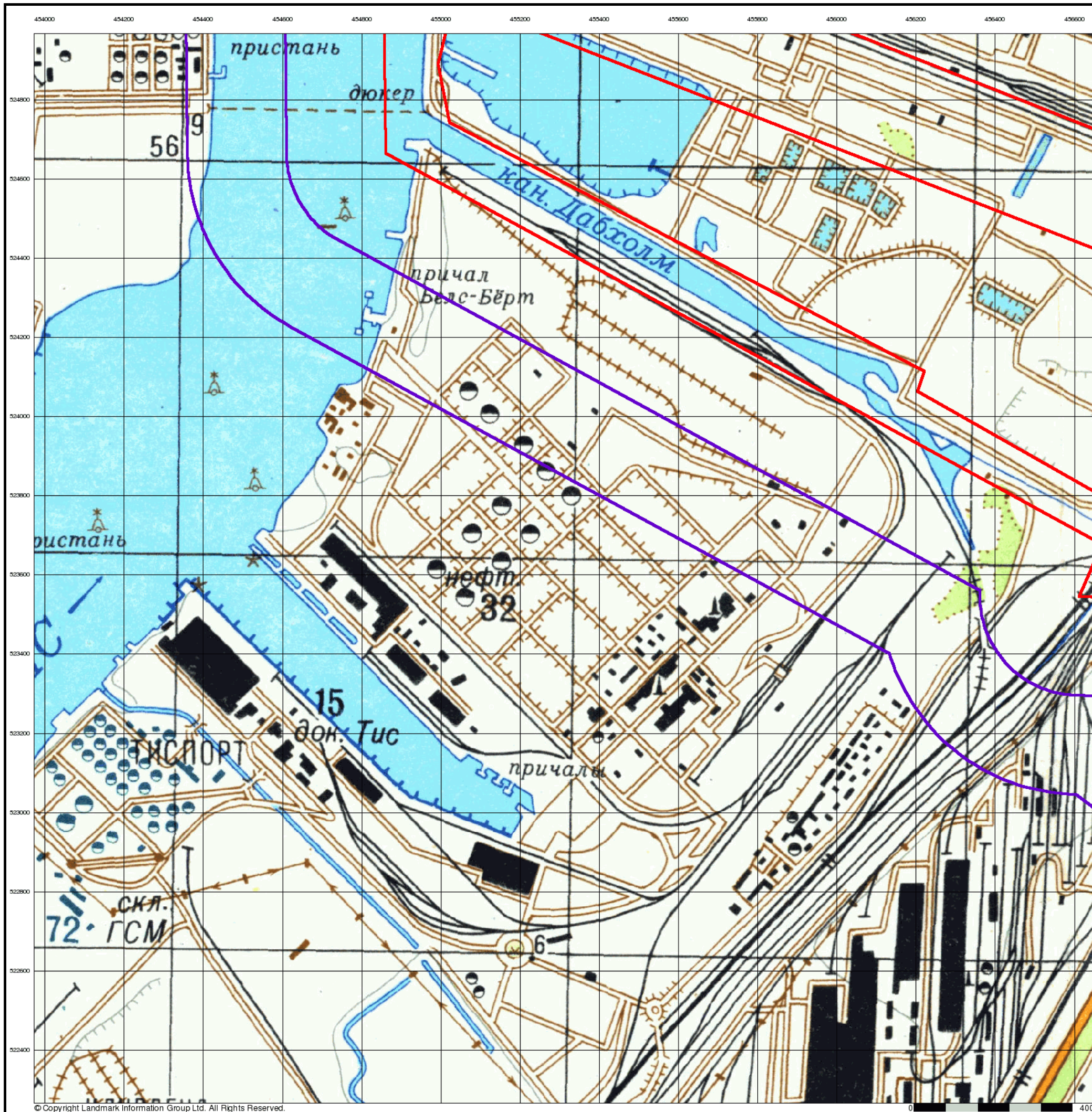


Order Details

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 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



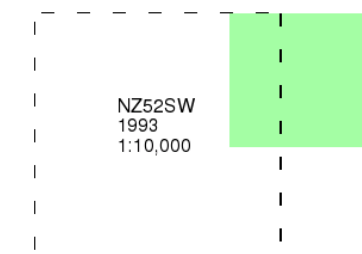
Ordnance Survey Plan

Published 1993

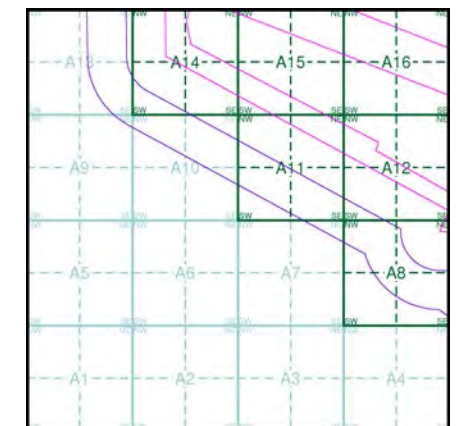
Source map scale - 1:10,000

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

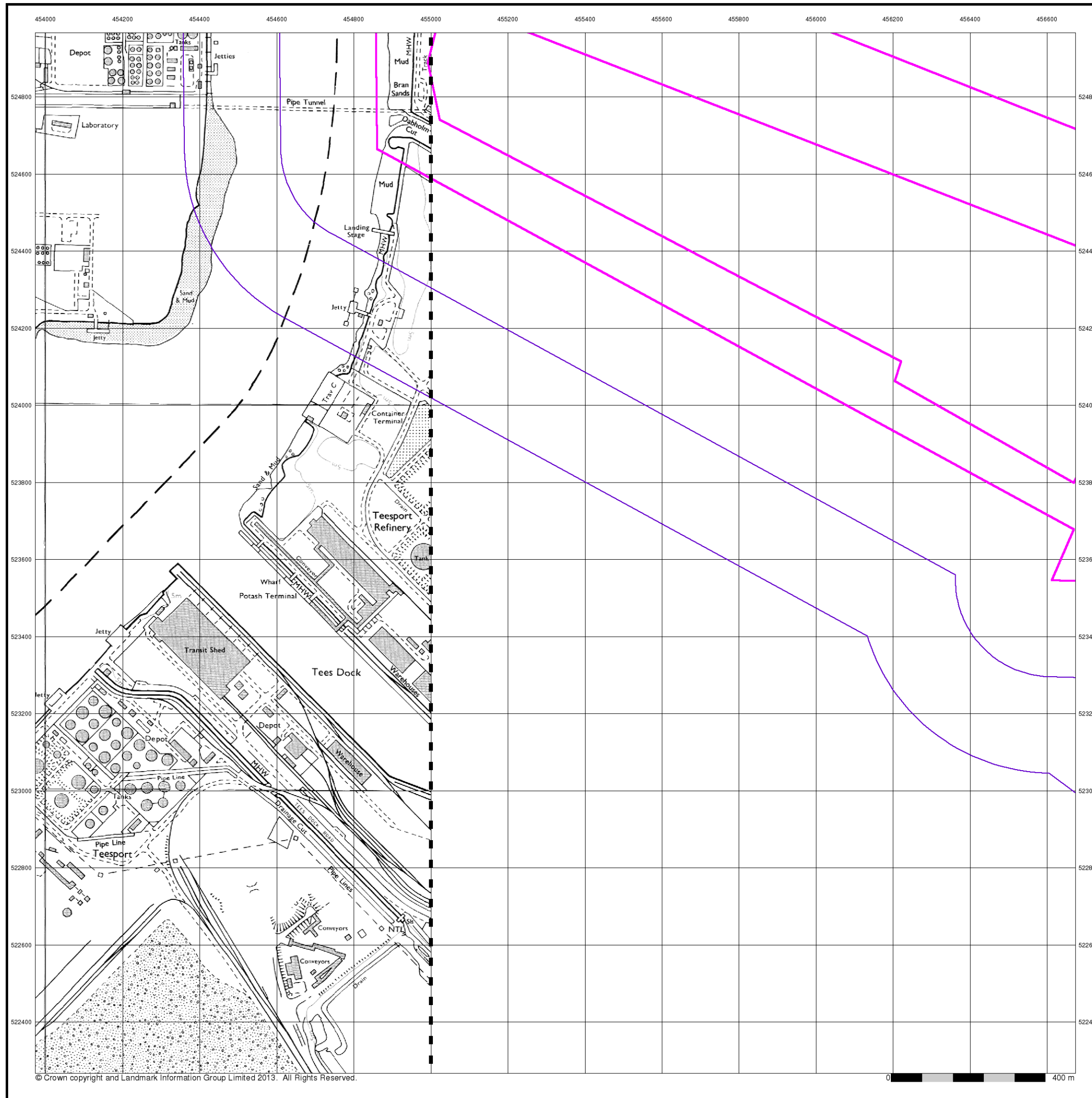


Order Details

Order Number: 51235247_1_1
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 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



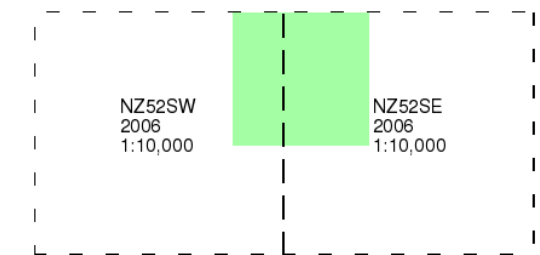
10k Raster Mapping

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)



Historical Map - Slice A

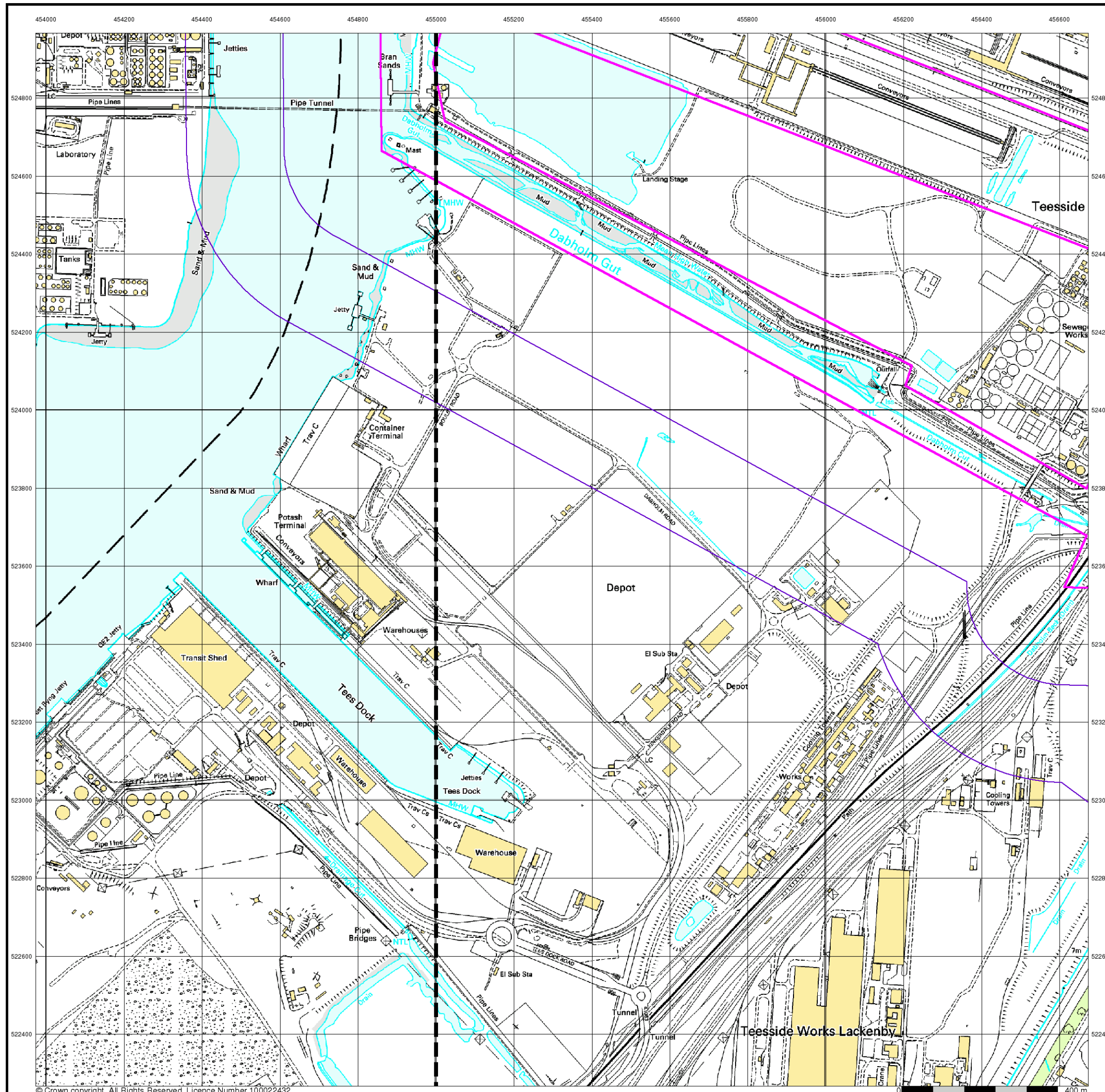


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



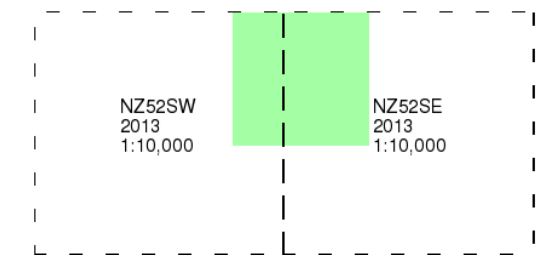
10k Raster Mapping

Published 2013

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)



Historical Map - Slice A

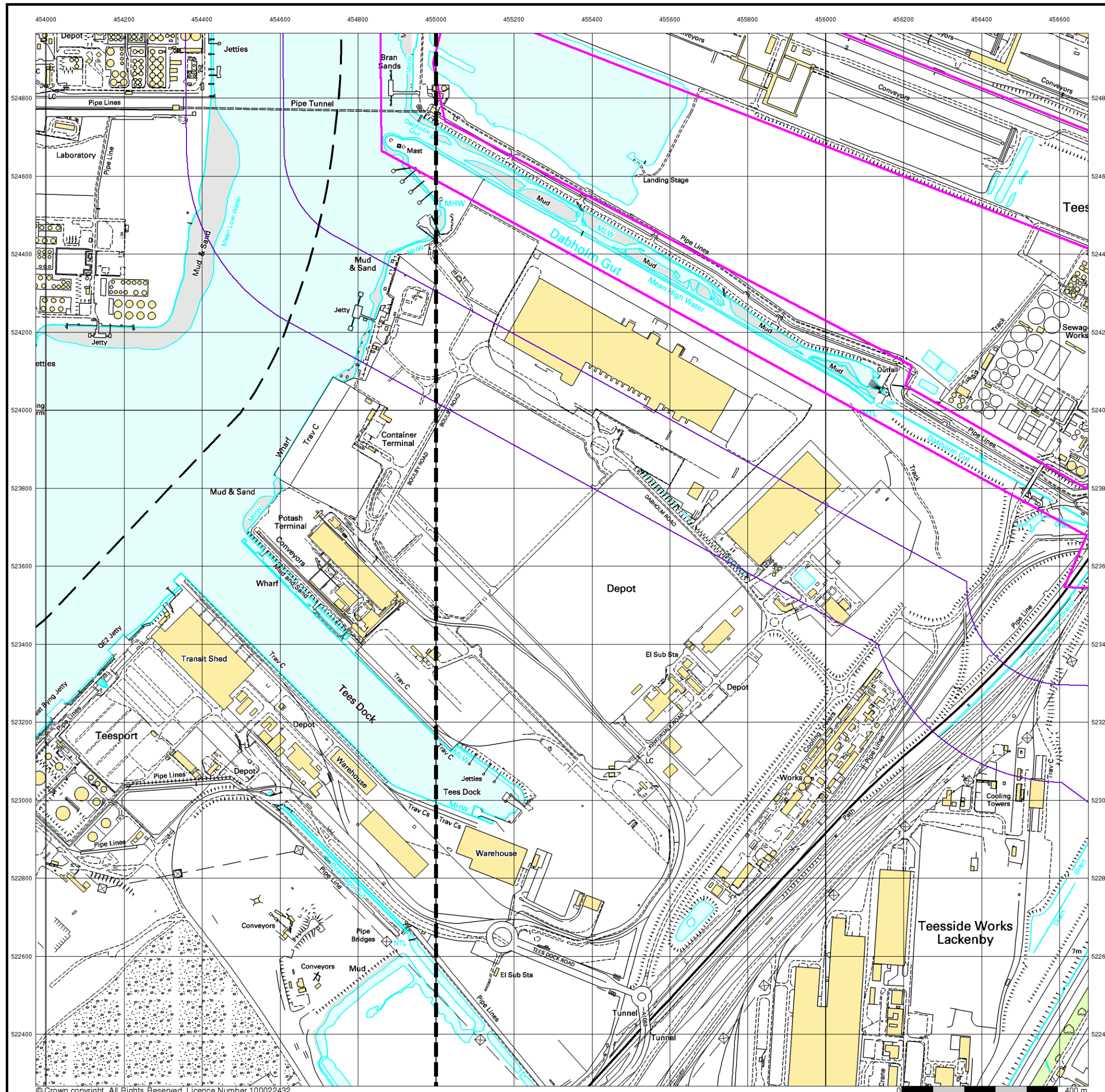


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455740, 524270
 Slice: A
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- Bracken
- Heath
- Rough Grassland
- Marsh
- Reeds
- Saltings
- Building
- Glasshouse
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge
- Geographical County
- Administrative County, County Borough or County of City
- Municipal Borough, Urban or Rural District, Burgh or District Council
- Borough, Burgh or County Constituency
- Civil Parish
- BP, BS** Boundary Post or Stone
- Ch** Church
- CH** Club House
- F E Sta** Fire Engine Station
- FB** Foot Bridge
- Fn** Fountain
- GP** Guide Post
- MP** Mile Post
- MS** Mile Stone
- Pol Sta** Police Station
- PO** Post Office
- PC** Public Convenience
- PH** Public House
- SB** Signal Box
- Spr** Spring
- TCB** Telephone Call Box
- TCP** Telephone Call Post
- W** Well

1:10,000 Raster Mapping

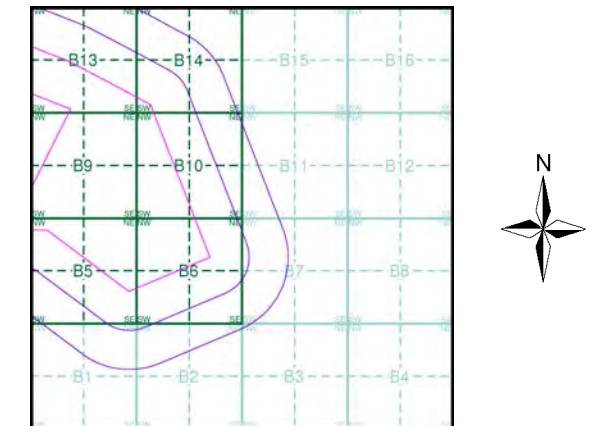
- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- Refuse tip or slag heap
- Rock (scattered)
- Boulders (scattered)
- Mud
- Sand Pit
- Top of cliff
- General detail
- Overhead detail
- Multi-track railway
- County boundary (England only)
- District, Unitary, Metropolitan, London Borough boundary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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1857	3
Yorkshire	1:10,560	1895	4
Yorkshire	1:10,560	1895	5
Yorkshire	1:10,560	1919	6
Yorkshire	1:10,560	1938	7
Ordnance Survey Plan	1:10,000	1953	8
Middlesbrough	1:10,000	1975	9
Ordnance Survey Plan	1:10,000	1976	10
Ordnance Survey Plan	1:10,000	1985	11
Middlesbrough	1:25,000	1991	12
Ordnance Survey Plan	1:10,000	1992	13
10K Raster Mapping	1:10,000	2006	14
10K Raster Mapping	1:10,000	2013	15

Historical Map - Slice B



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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

a. Not drawn to scale b. Drawn to scale

	Government and Administrative Buildings		Military and Industrial Buildings
	Military and Communication Areas		Subway Entrance
	Fireproof Building		Prominent Fireproof Building
	Non-fireproof Building		Non-fireproof Building (non-dwelling)
	Factory, mill, and flour mill, with chimneys		Factory, mill, and flour mill, without chimneys
	Power Station, drawn to scale		Hydroelectric Power Station
	Radio Station, drawn to scale		Telephone Station, drawn to scale
	Abandoned Open-pit Mine or Quarry		Open-pit Salt Mine
	Pit		Oil Deposit or Well
	Oil Seepage		Natural Gas Tank
	Tailings Pile		Fuel Storage Tanks
	Bench Mark		Drill Hole
	Burial Mound		Triangulation Point on Burial Mound
	Single-track Railroad		Double-track Railroad
	Small Bridge		Pipe (Culvert)
	Tunnel		Railroad and Station Building
	Coniferous Forest		Deciduous Forest
	Mixed Forest		Lawns
	Citrus Orchard		Wet Ground
	Scattered Vegetation		

243,8 Values for prominent elevations
186.0 Numbers for spot elevations, depth soundings, contour lines, etc.
0,2 Velocity of the current, width of river bed, depth of river
180/12 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 (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

	Government and Administrative Buildings		Military and Industrial Buildings
	Military and Communication Areas		Subway Entrance
	Partly Demolished Buildings		Demolished Buildings
	Built-Up Area with Fireproof Buildings Predominant		Built-Up Area with Non-Fireproof Buildings Predominant
	Individual Fireproof Building		Prominent Industrial Building
	Individual Dwelling, Fireproof		Ruins of an Individual Dwelling
	Factory or Mill Chimney		Factory or Mill with Chimney
	Factory or Mill without Chimney		Mine or Open Pit Mine
	Operating Shaft or Mine		Non-Operating Shaft or Mine
	Salt Mine		Tailings Pile
	Pit		Stone Quarry
	Gas Pump or Service Station		Fuel Storage or Natural Gas Tank
	Oil or Natural Gas Derrick		Small Hydroelectric Power Station
	Power Station		Transformer Station
	Cemetery		Burial Mound (height in metres)
	Triangulation Point on Burial Mound		Triangulation Point
	Bench Mark		Bench Mark (monumented)
	Telegraph Office		Telephone Station
	Radio Station		Radio Tower
	Airfield or Seaplane Base		Landing Strip
	Cut		Fill
	Km Post		Plantings
	Telegraph/Telephone Lines		Main Highway
	Highway under Construction		Improved Dirt Road (former truck road)
	Small Bridge		Pipe (Culvert)
	Tunnel		Dismantled Railroad
	Double-track Railroad with First Class Station		Railroad Under Construction
	Shore Embankment		River or Ditch with Embankment
	Water Reservoir or Rain Water Pit		Spring
	Isobath with value		Water Gauge
	Direction and velocity of current		Water Level Mark
	Well		Contour Line and Value
	Half Contour Line		Spot Elevation Value
	Coniferous		Deciduous
	Mixed		Scrub

Key to Numbers on Mapping

NZ52SE_Middlesbrough

No.	Description
91	Factory (Use Unknown)

NZ52_Middlesbrough

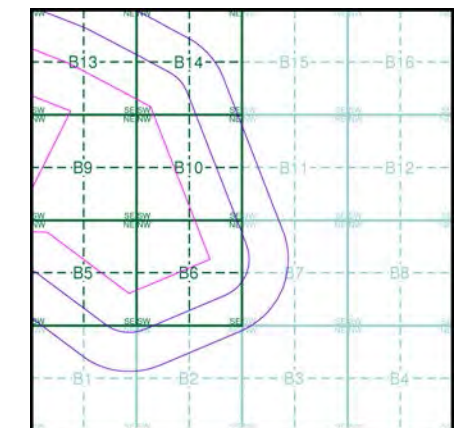
No.	Description
38	Mill (Steel)



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1857	3
Yorkshire	1:10,560	1895	4
Yorkshire	1:10,560	1895	5
Yorkshire	1:10,560	1919	6
Yorkshire	1:10,560	1938	7
Ordnance Survey Plan	1:10,000	1953	8
Middlesbrough	1:10,000	1975	9
Ordnance Survey Plan	1:10,000	1976	10
Ordnance Survey Plan	1:10,000	1985	11
Middlesbrough	1:25,000	1991	12
Ordnance Survey Plan	1:10,000	1992	13
10K Raster Mapping	1:10,000	2006	14
10K Raster Mapping	1:10,000	2013	15

Russian Map - Slice B



Order Details

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 Web: www.envirocheck.co.uk

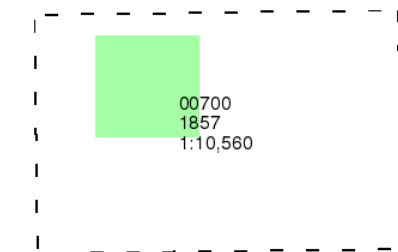
Yorkshire

Published 1857

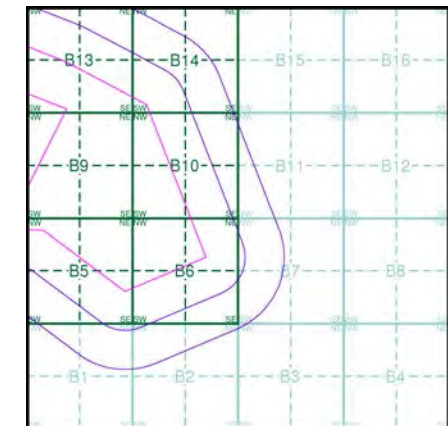
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice B

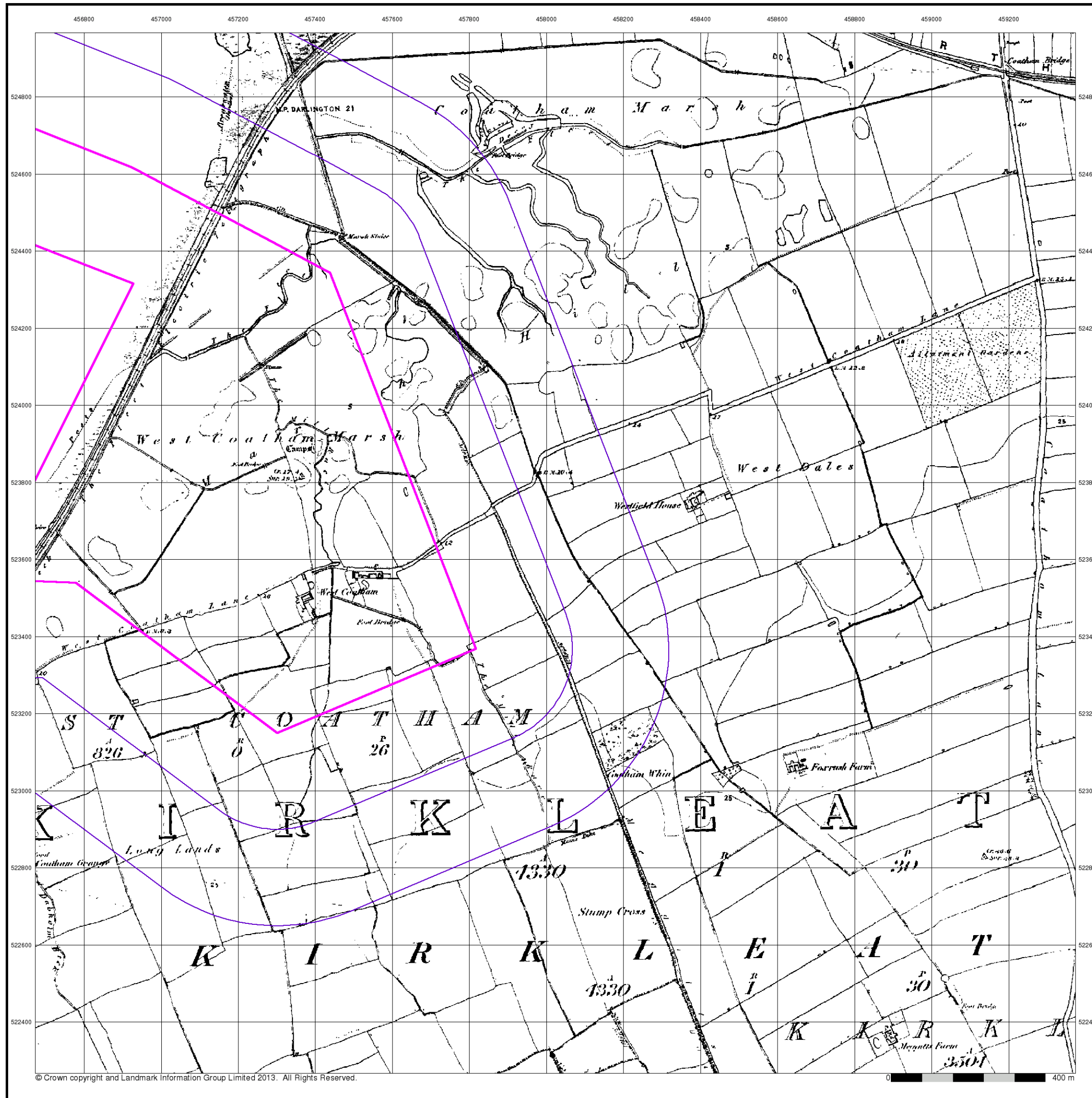


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



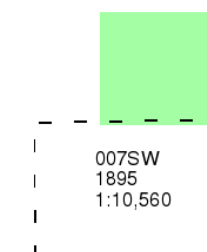
Yorkshire

Published 1895

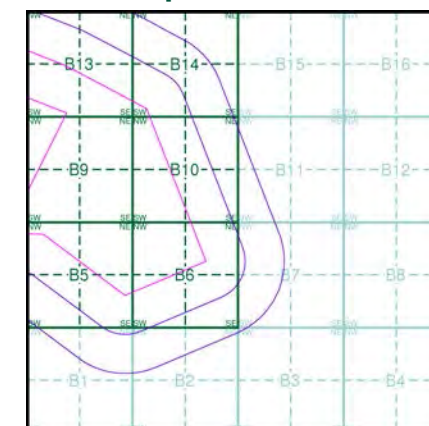
Source map scale - 1:10,560

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 B

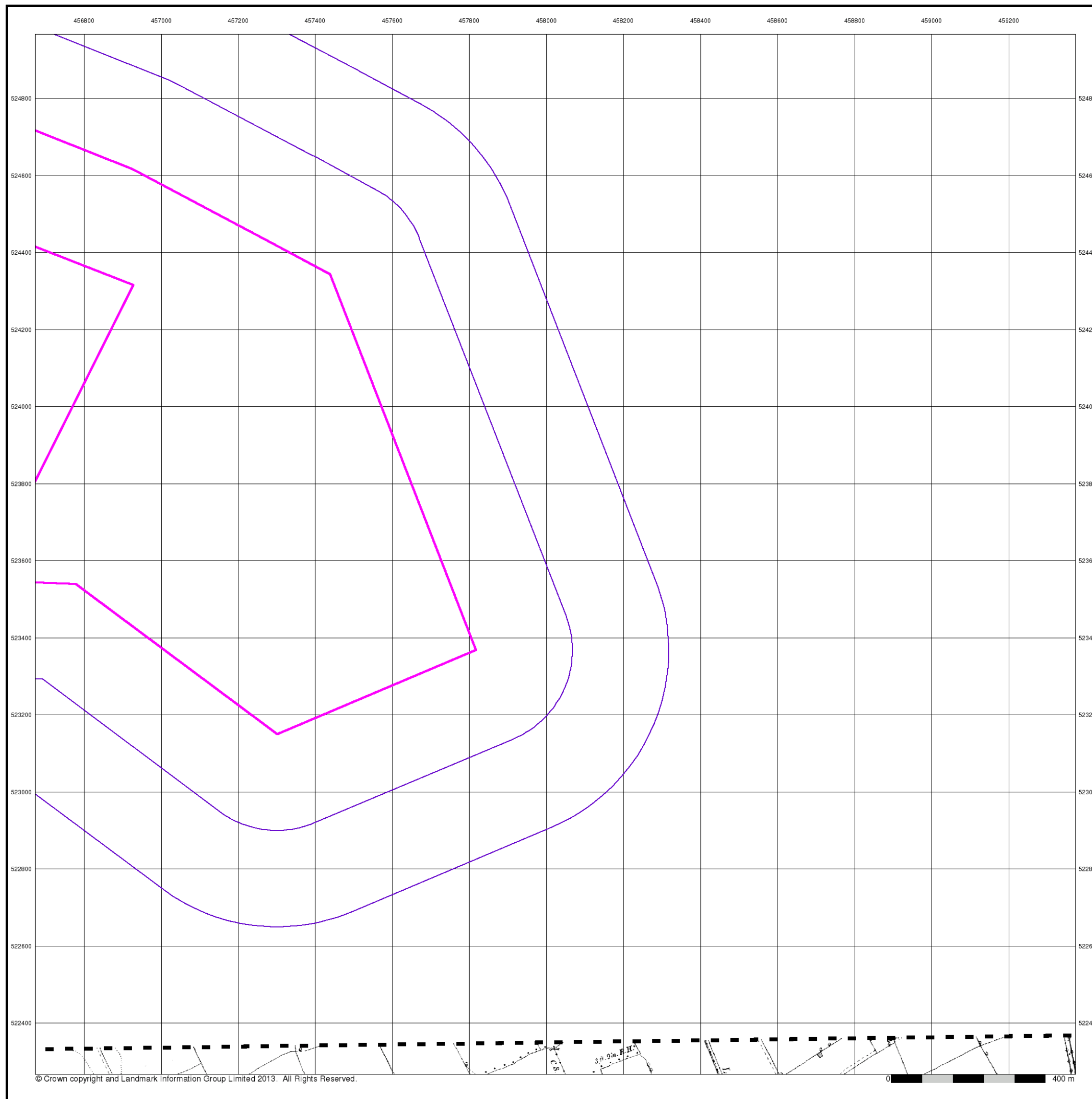


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



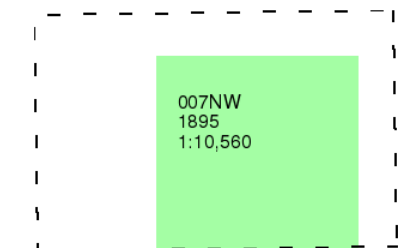
Yorkshire

Published 1895

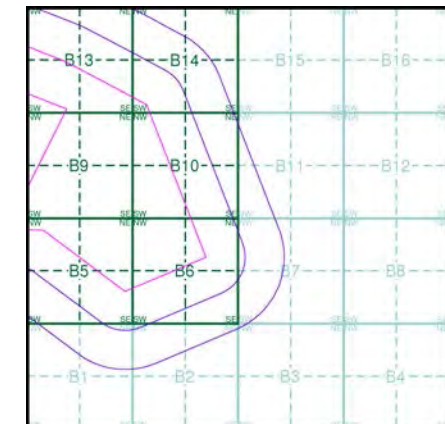
Source map scale - 1:10,560

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 B

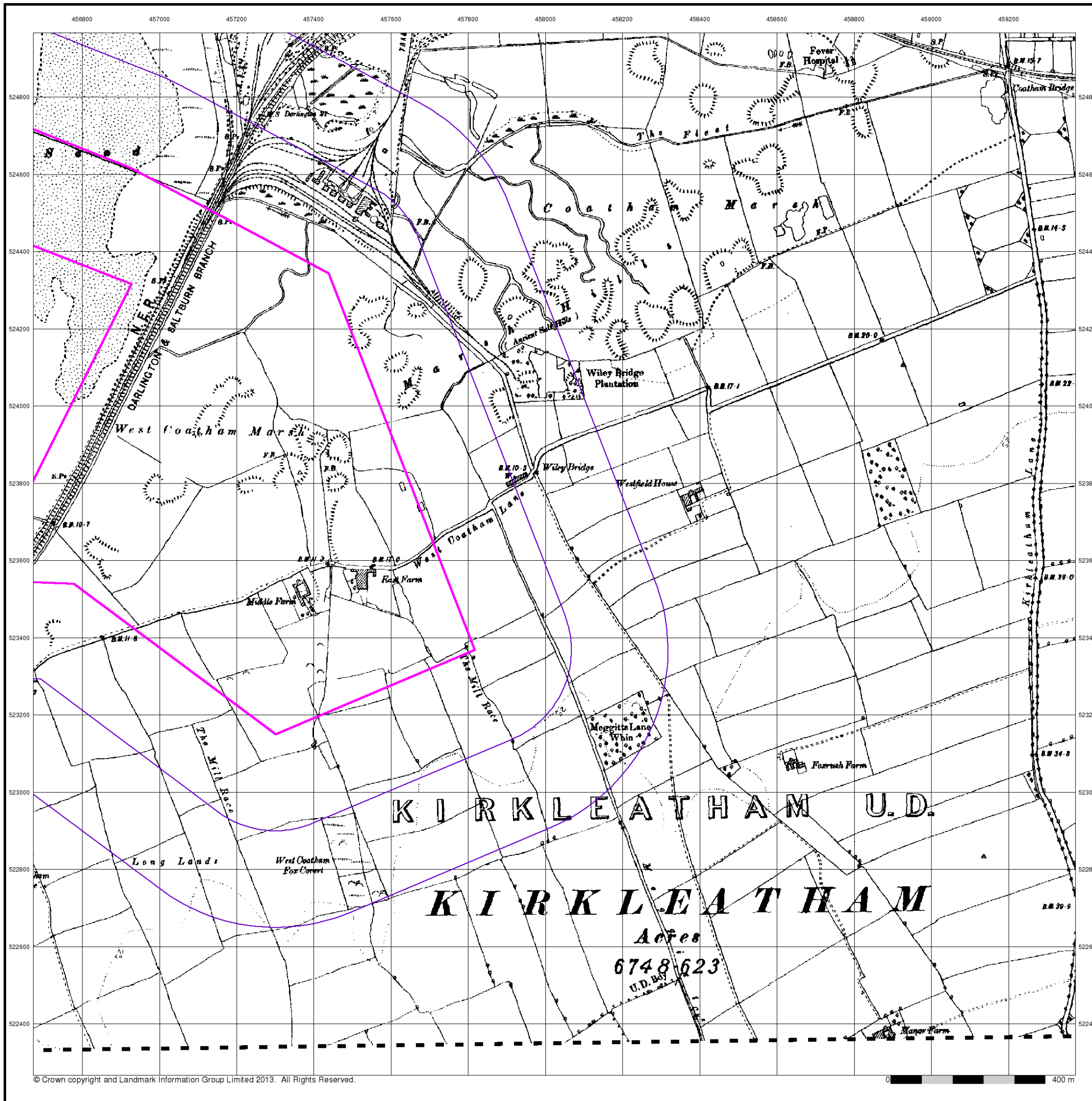


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



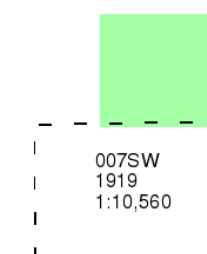
Yorkshire

Published 1919

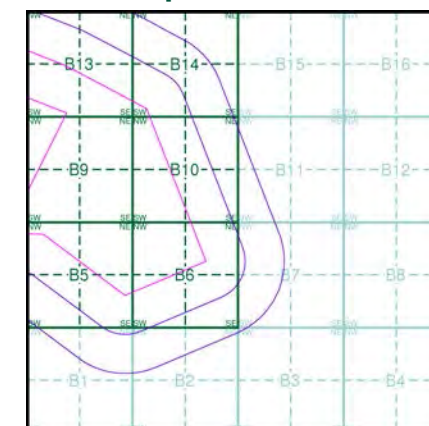
Source map scale - 1:10,560

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 B

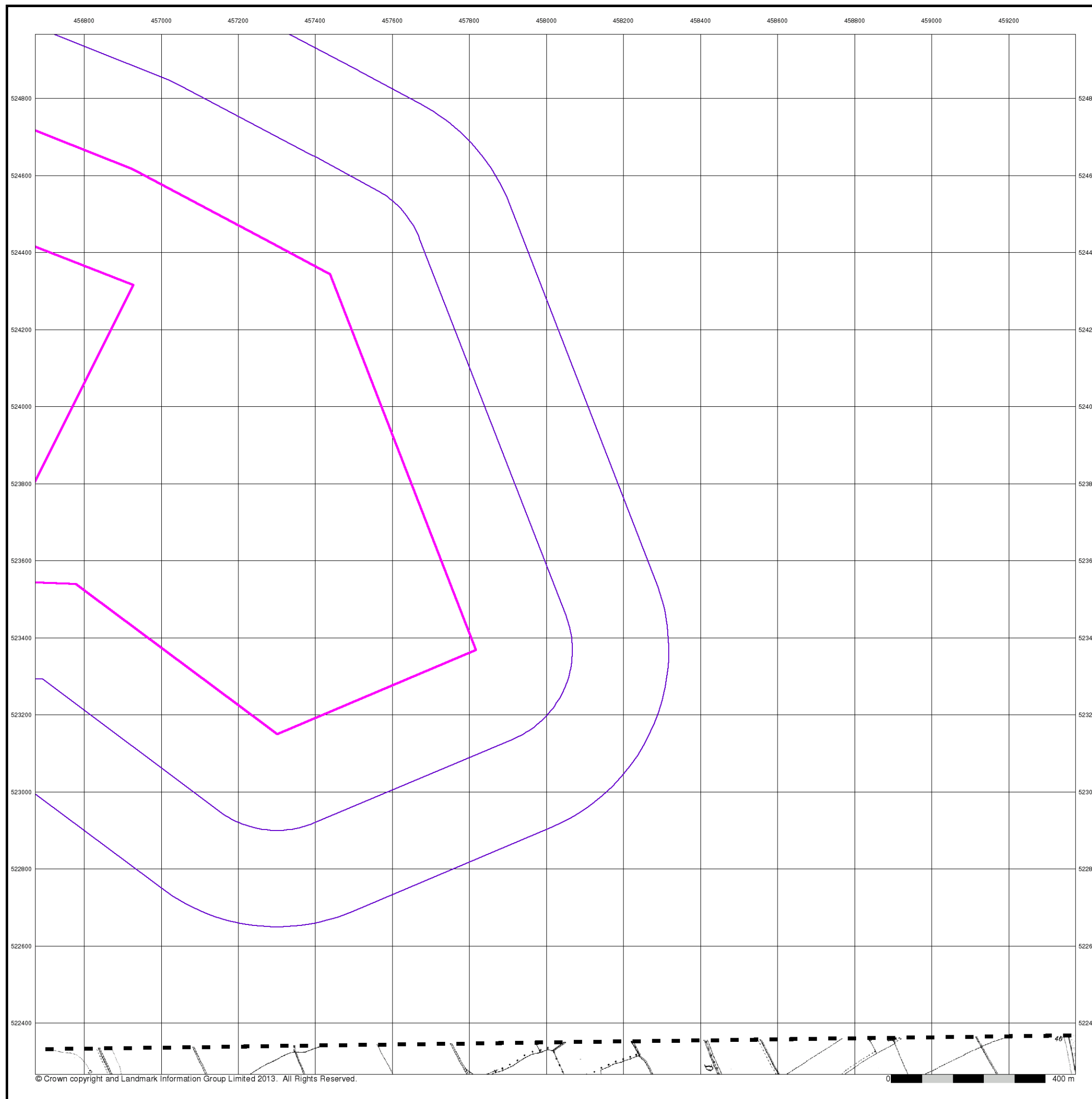


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



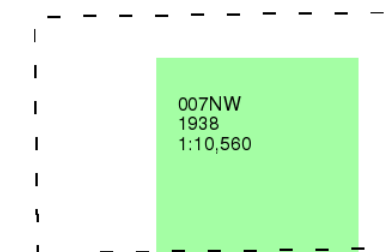
Yorkshire

Published 1938

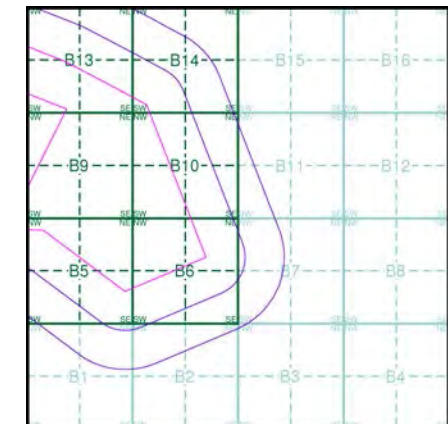
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice B

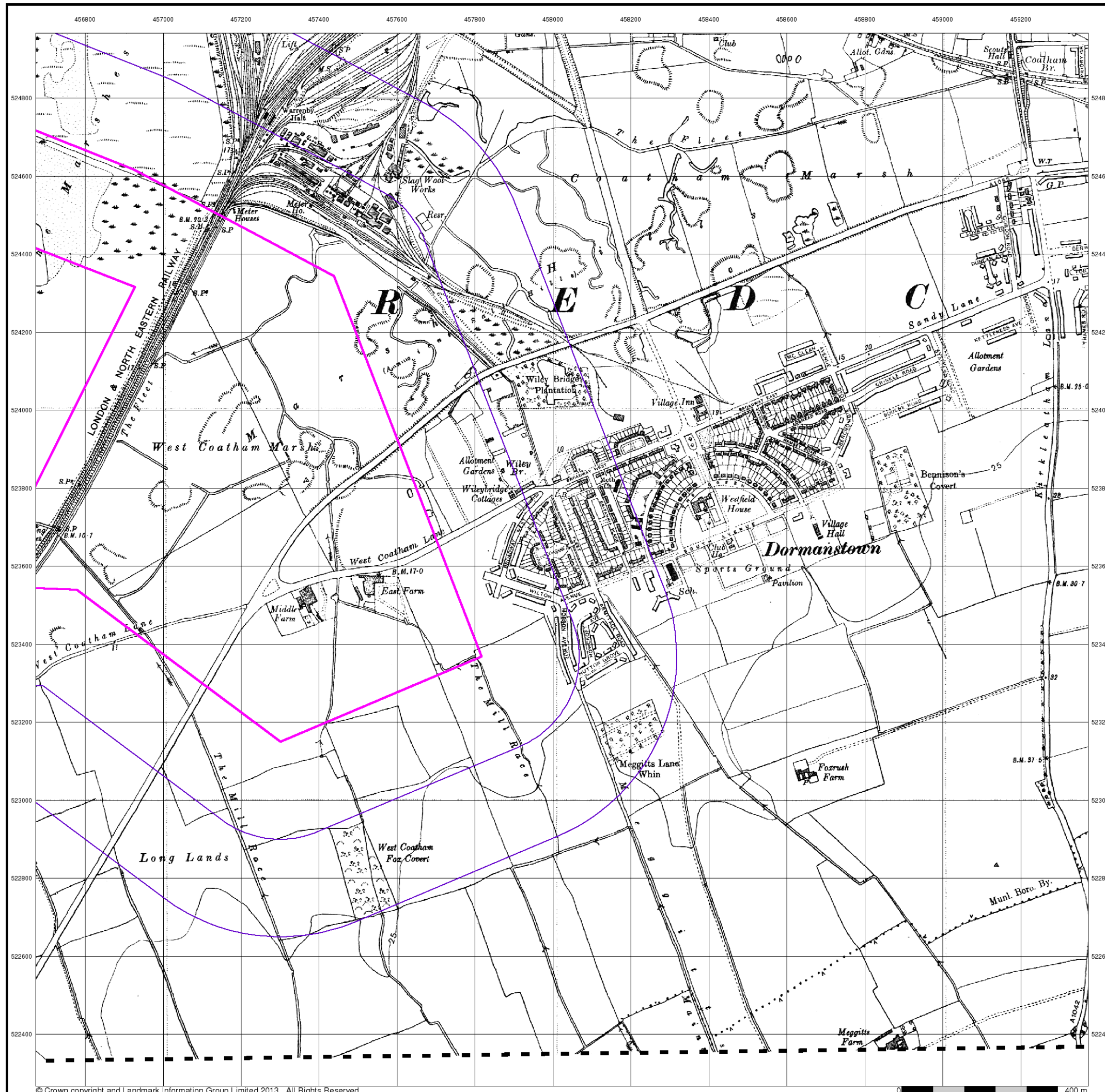


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
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 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



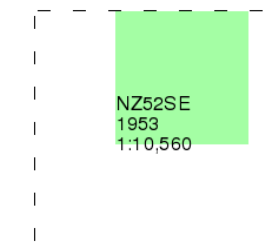
Ordnance Survey Plan

Published 1953

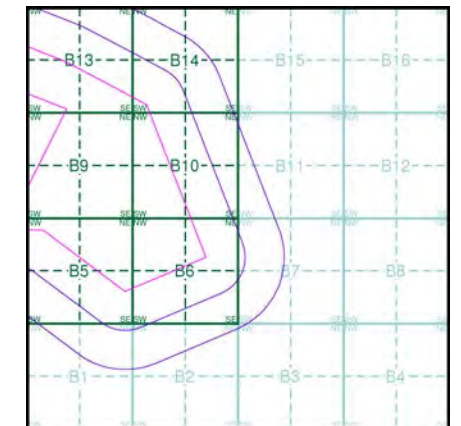
Source map scale - 1:10,000

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 B



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Middlesbrough

Published 1975

Source map scale - 1:10,000

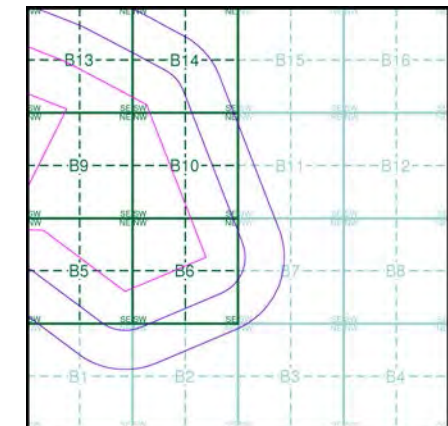
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed 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)

NZ52SE
1975
1:10,000

Russian Map - Slice B



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



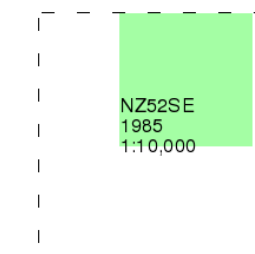
Ordnance Survey Plan

Published 1985

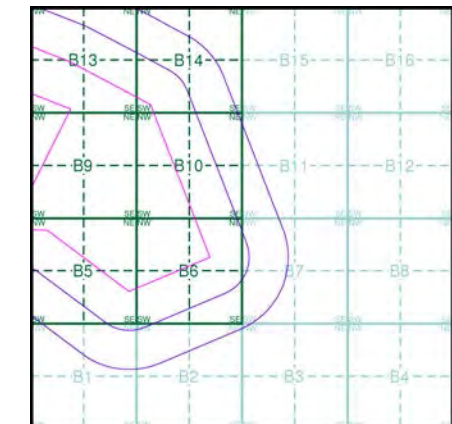
Source map scale - 1:10,000

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 B

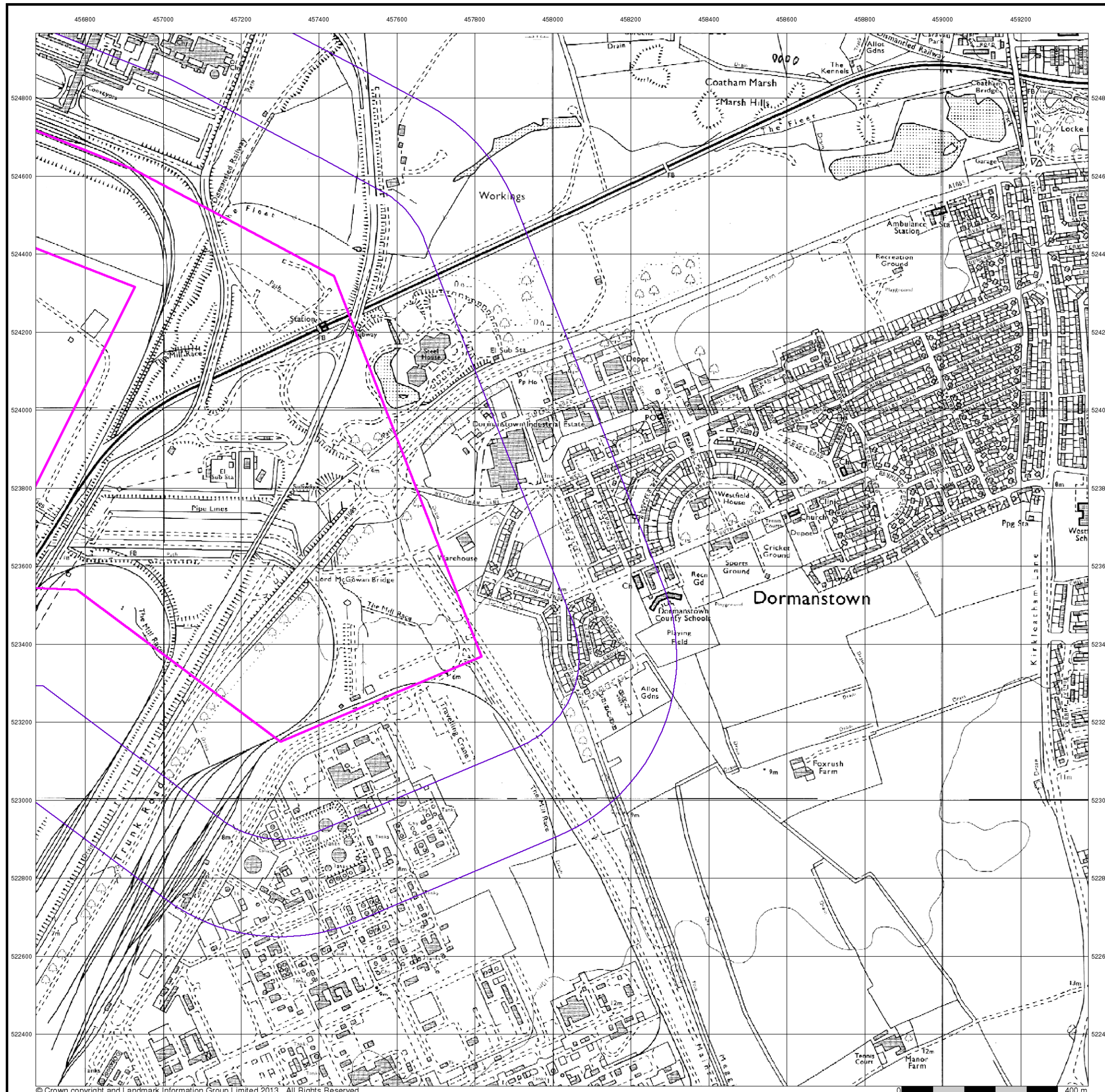


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Middlesbrough

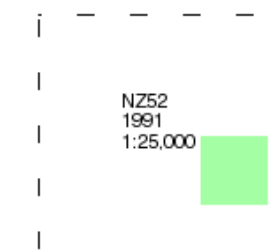
Published 1991

Source map scale - 1:25,000

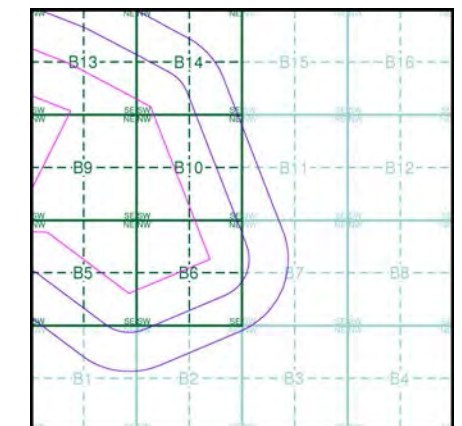
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed 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)



Russian Map - Slice B

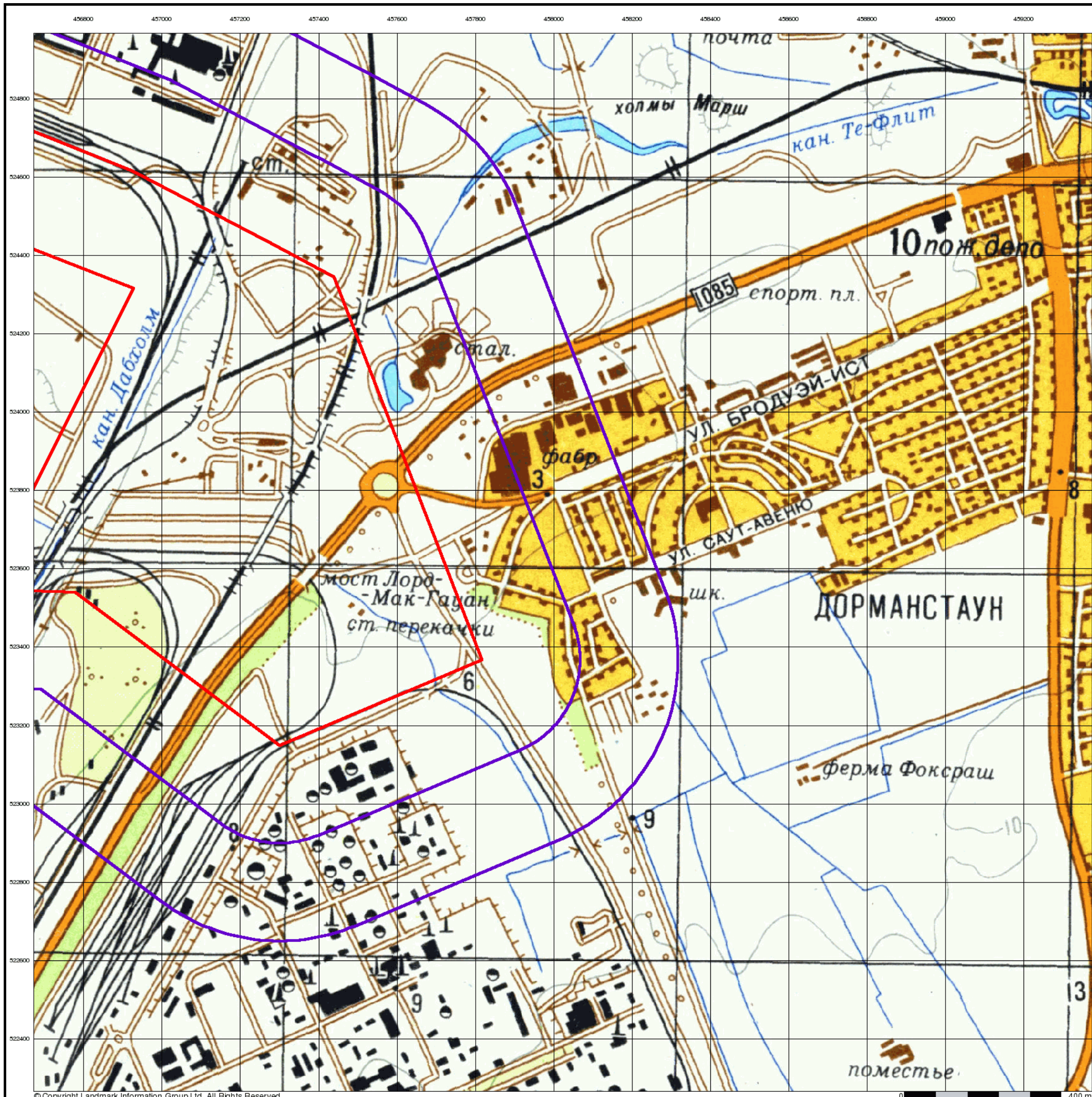


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



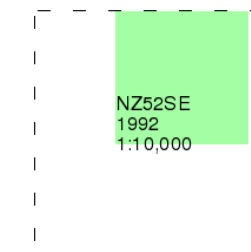
Ordnance Survey Plan

Published 1992

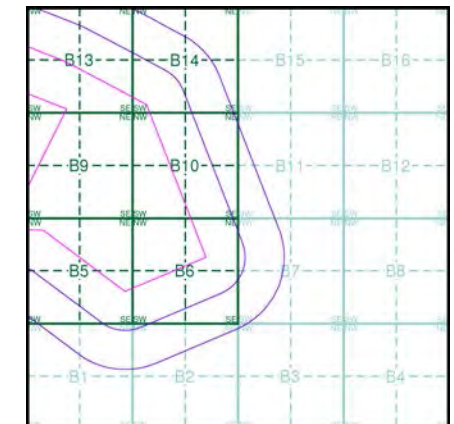
Source map scale - 1:10,000

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 B



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 Site Area (Ha): 195.25
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Site Details

Site at, Bran Sands, Redcar & Cleveland



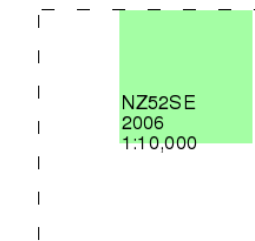
10k Raster Mapping

Published 2006

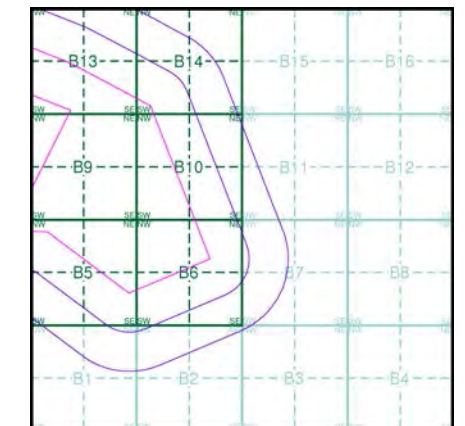
Source map scale - 1:10,000

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)



Historical Map - Slice B



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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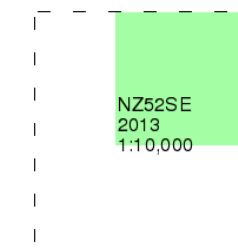
10k Raster Mapping

Published 2013

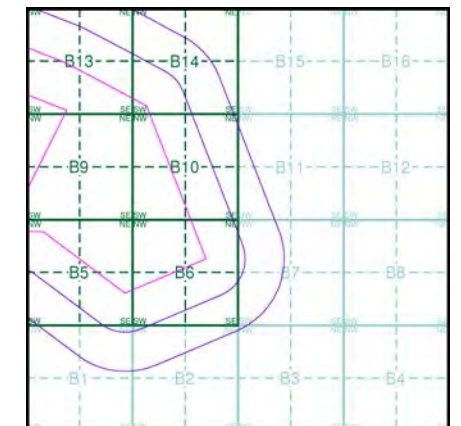
Source map scale - 1:10,000

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)



Historical Map - Slice B

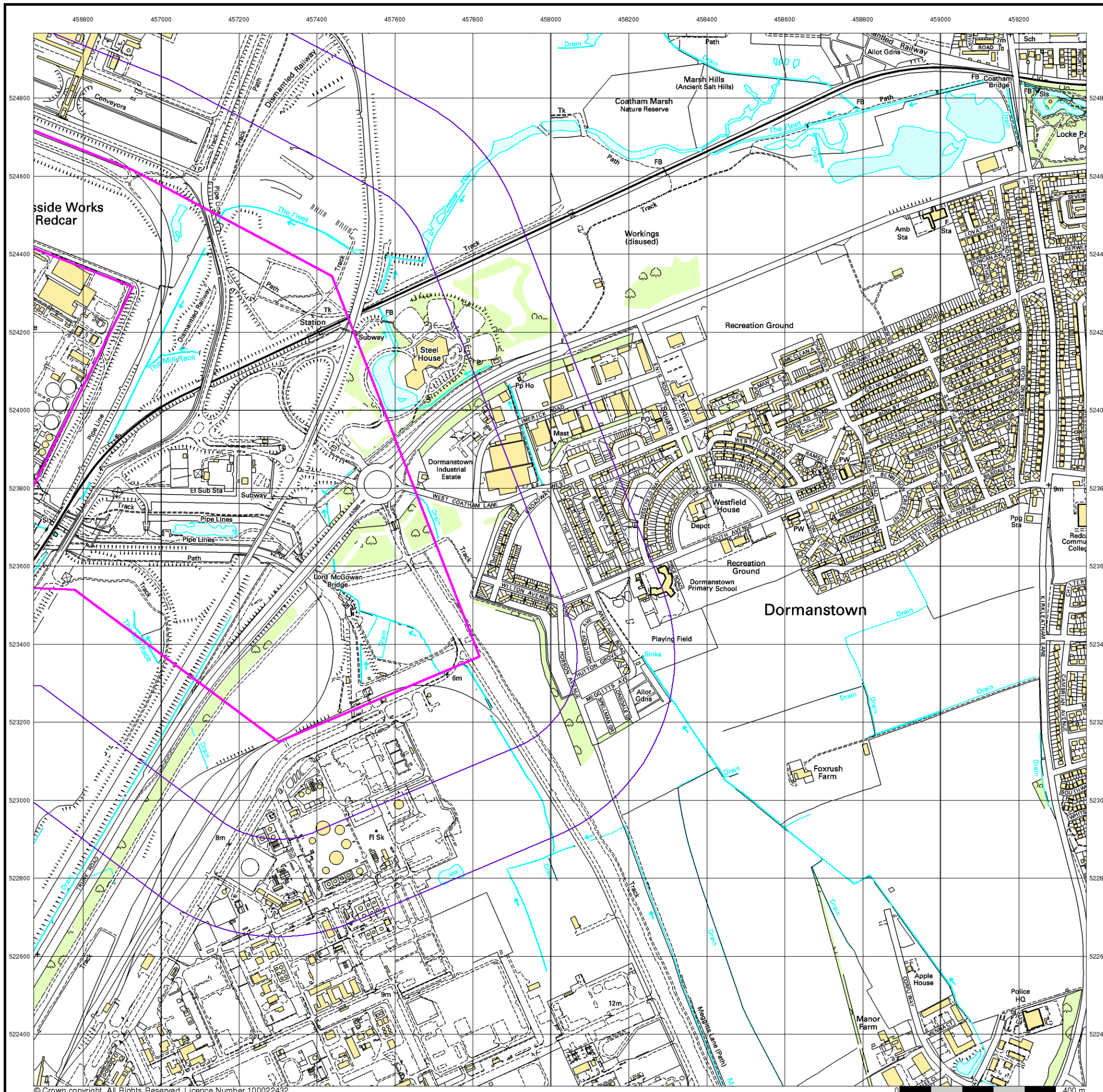


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 457380, 523790
 Slice: B
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- Bracken
- Heath
- Rough Grassland
- Marsh
- Reeds
- Saltings
- Building
- Glasshouse
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge
- Geographical County
- Administrative County, County Borough or County of City
- Municipal Borough, Urban or Rural District, Burgh or District Council
- Borough, Burgh or County Constituency
- Civil Parish
- BP, BS Boundary Post or Stone
- Ch Church
- CH Club House
- F E Sta Fire Engine Station
- FB Foot Bridge
- Fn Fountain
- GP Guide Post
- MP Mile Post
- MS Mile Stone
- Pol Sta Police Station
- PO Post Office
- PC Public Convenience
- PH Public House
- SB Signal Box
- Spr Spring
- TCB Telephone Call Box
- TCP Telephone Call Post
- W Well

1:10,000 Raster Mapping

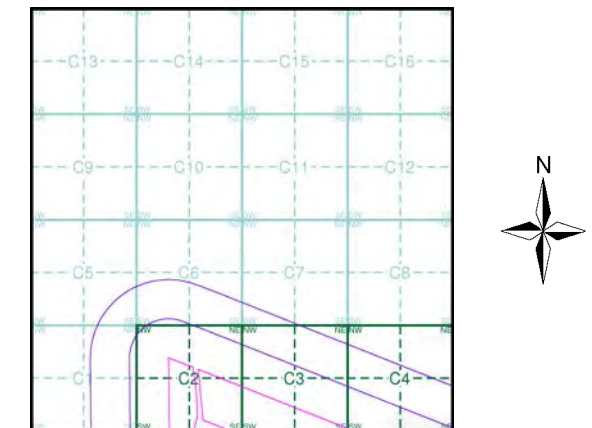
- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- Refuse tip or slag heap
- Rock (scattered)
- Boulders (scattered)
- Mud
- Sand Pit
- Top of cliff
- General detail
- Overhead detail
- Multi-track railway
- Single track railway
- County boundary (England only)
- District, Unitary, Metropolitan,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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1856 - 1857	3
Durham	1:10,560	1861	4
Yorkshire	1:10,560	1895	5
Yorkshire	1:10,560	1895	6
Durham	1:10,560	1898	7
Yorkshire	1:10,560	1920	8
Durham	1:10,560	1923	9
Yorkshire	1:10,560	1930	10
Durham	1:10,560	1938 - 1951	11
Yorkshire	1:10,560	1938	12
Durham	1:10,560	1951 - 1952	13
Ordnance Survey Plan	1:10,000	1953 - 1955	14
Ordnance Survey Plan	1:10,000	1970 - 1976	15
Middlesbrough	1:10,000	1975	16
Hartlepool	1:10,000	1978	17
Ordnance Survey Plan	1:10,000	1981 - 1985	18
Ordnance Survey Plan	1:10,000	1990 - 1995	19
Middlesbrough	1:25,000	1991	20
Ordnance Survey Plan	1:10,000	1993	21
10K Raster Mapping	1:10,000	2006	22
10K Raster Mapping	1:10,000	2013	23

Historical Map - Slice C



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings

Military and Industrial Buildings

Military and Communication Areas

Subway Entrance

Fireproof Building

Prominent Fireproof Building

Non-fireproof Building

Non-fireproof Building (non-dwelling)

Factory, mill, and flour mill, with chimneys

Factory, mill, and flour mill, without chimneys

Power Station, drawn to scale

Hydroelectric Power Station

Radio Station, drawn to scale

Telephone Station, drawn to scale

Abandoned Open-pit Mine or Quarry

Open-pit Salt Mine

Pit

Oil Deposit or Well

Oil Seepage

Tailings Pile

Fuel Storage Tanks

Natural Gas Tank

Bench Mark

Drill Hole

Burial Mound

Triangulation Point on Burial Mound

Fill

Cut

Small Bridge

Tunnel

Pipe (Culvert)

Single-track Railroad

Double-track Railroad and Station Building

Coniferous Forest

Deciduous Forest

Mixed Forest

Lawns

Citrus Orchard

Wet Ground

Scattered Vegetation

243,8 Values for prominent elevations

186.0 Numbers for spot elevations, depth soundings, contour lines, etc.

0,2 Velocity of the current, width of river bed, depth of river

180/12 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 (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings

Military and Industrial Buildings

Military and Communication Areas

Subway Entrance

Partly Demolished Buildings

Demolished Buildings

Built-Up Area with Fireproof Buildings Predominant

Built-Up Area with Non-Fireproof Buildings Predominant

Individual Fireproof Building

Prominent Industrial Building

Individual Dwelling, Fireproof

Ruins of an Individual Dwelling

Factory or Mill Chimney

Factory or Mill with Chimney

Factory or Mill without Chimney

Mine or Open Pit Mine

Operating Shaft or Mine

Non-Operating Shaft or Mine

Salt Mine

Tailings Pile

Pit

Stone Quarry

Gas Pump or Service Station

Fuel Storage or Natural Gas Tank

Oil or Natural Gas Derrick

Small Hydroelectric Power Station

Power Station

Transformer Station

Cemetery

Burial Mound (height in metres)

Triangulation Point on Burial Mound

Triangulation Point

Bench Mark

Bench Mark (monumented)

Telegraph Office

Telephone Station

Radio Station

Radio Tower

Airfield or Seaplane Base

Landing Strip

Cut

Fill

Km Post

Plantings

Width of Road

Steep Grade

Telegraph/Telephone Lines

Main Highway

Highway under Construction

Improved Dirt Road (former truck road)

Small Bridge

Pipe (Culvert)

Tunnel

Dismantled Railroad

Double-track Railroad with First Class Station

Railroad Under Construction

Shore Embankment

River or Ditch with Embankment

Direction and velocity of current

Water Gauge

Water Level Mark

Well

Water Reservoir or Rain Water Pit

Spring

Isobath with value

Heavy (Index) Contour Line

Contour Line and Value

Half Contour Line

Spot Elevation Value

Coniferous

Deciduous

Mixed

Scrub

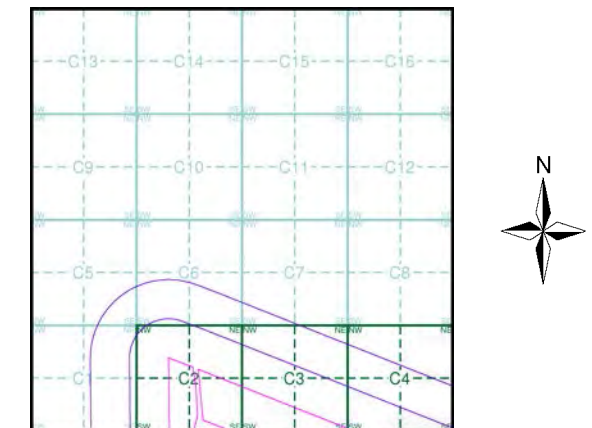
Key to Numbers on Mapping



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1856 - 1857	3
Durham	1:10,560	1861	4
Yorkshire	1:10,560	1895	5
Yorkshire	1:10,560	1895	6
Durham	1:10,560	1898	7
Yorkshire	1:10,560	1920	8
Durham	1:10,560	1923	9
Yorkshire	1:10,560	1930	10
Durham	1:10,560	1938 - 1951	11
Yorkshire	1:10,560	1938	12
Durham	1:10,560	1951 - 1952	13
Ordnance Survey Plan	1:10,000	1953 - 1955	14
Ordnance Survey Plan	1:10,000	1970 - 1976	15
Middlesbrough	1:10,000	1975	16
Hartlepool	1:10,000	1978	17
Ordnance Survey Plan	1:10,000	1981 - 1985	18
Ordnance Survey Plan	1:10,000	1990 - 1995	19
Middlesbrough	1:25,000	1991	20
Ordnance Survey Plan	1:10,000	1993	21
10K Raster Mapping	1:10,000	2006	22
10K Raster Mapping	1:10,000	2013	23

Russian Map - Slice C



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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

Yorkshire

Published 1856 - 1857

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)

006A00 1857 1:10,560	007A00 1856 1:10,560
00600 1857 1:10,560	00700 1857 1:10,560

Historical Map - Slice C

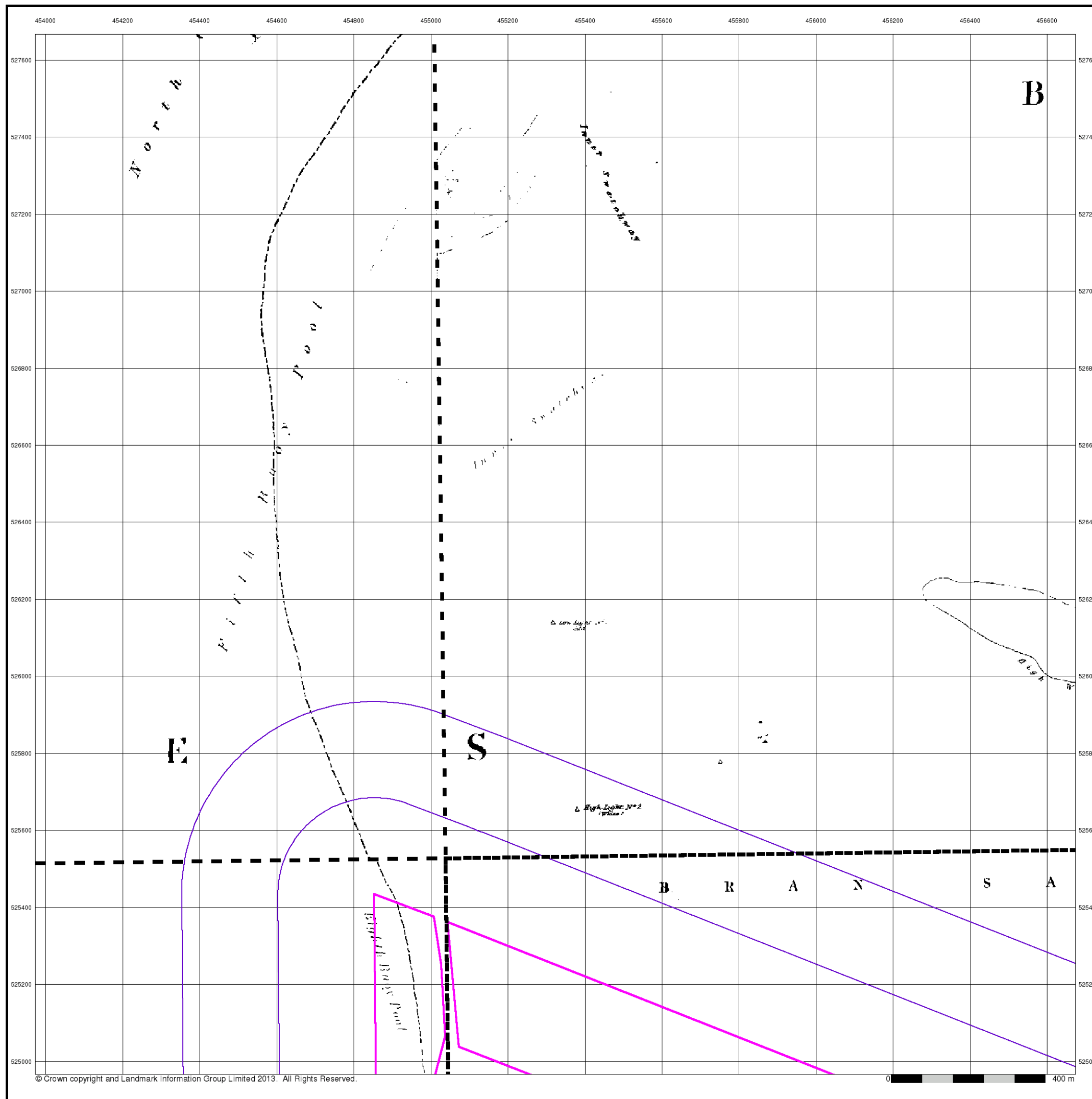


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



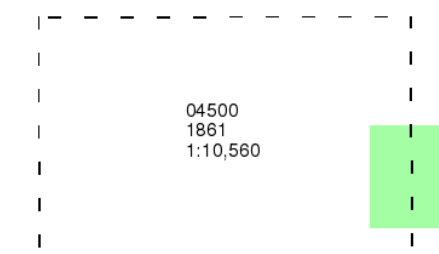
Durham

Published 1861

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 C

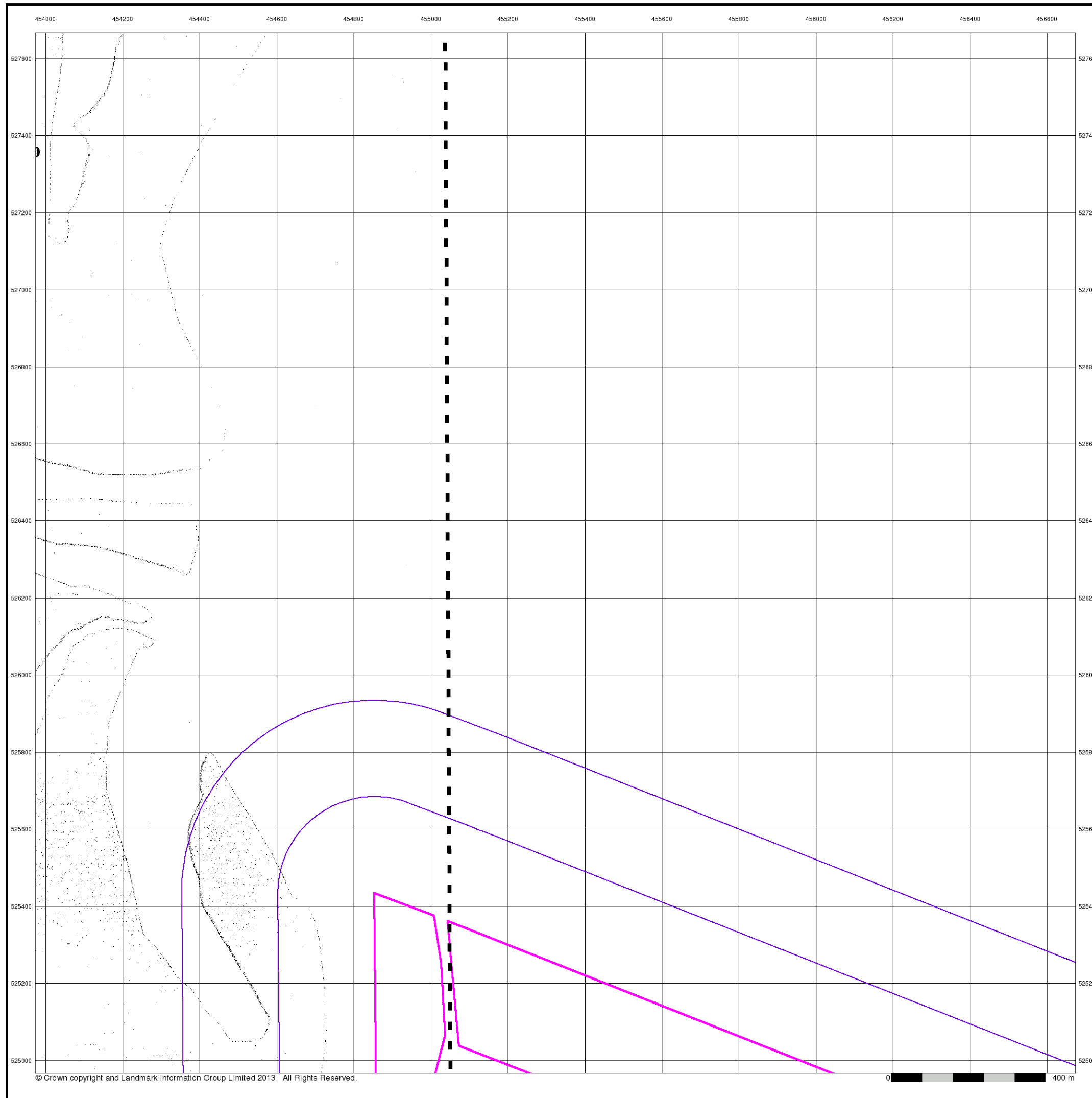


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Yorkshire

Published 1895

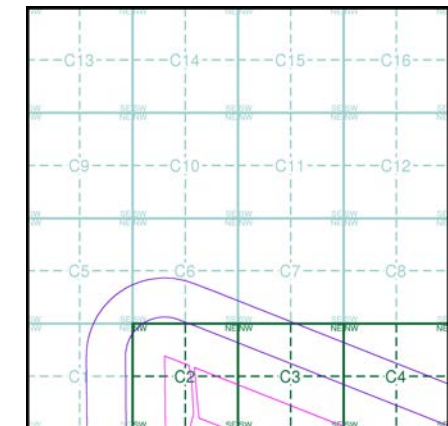
Source map scale - 1:10,560

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)

006ASE 1895 1:10,560	007ASW 1895 1:10,560
006NE 1895 1:10,560	

Historical Map - Slice C

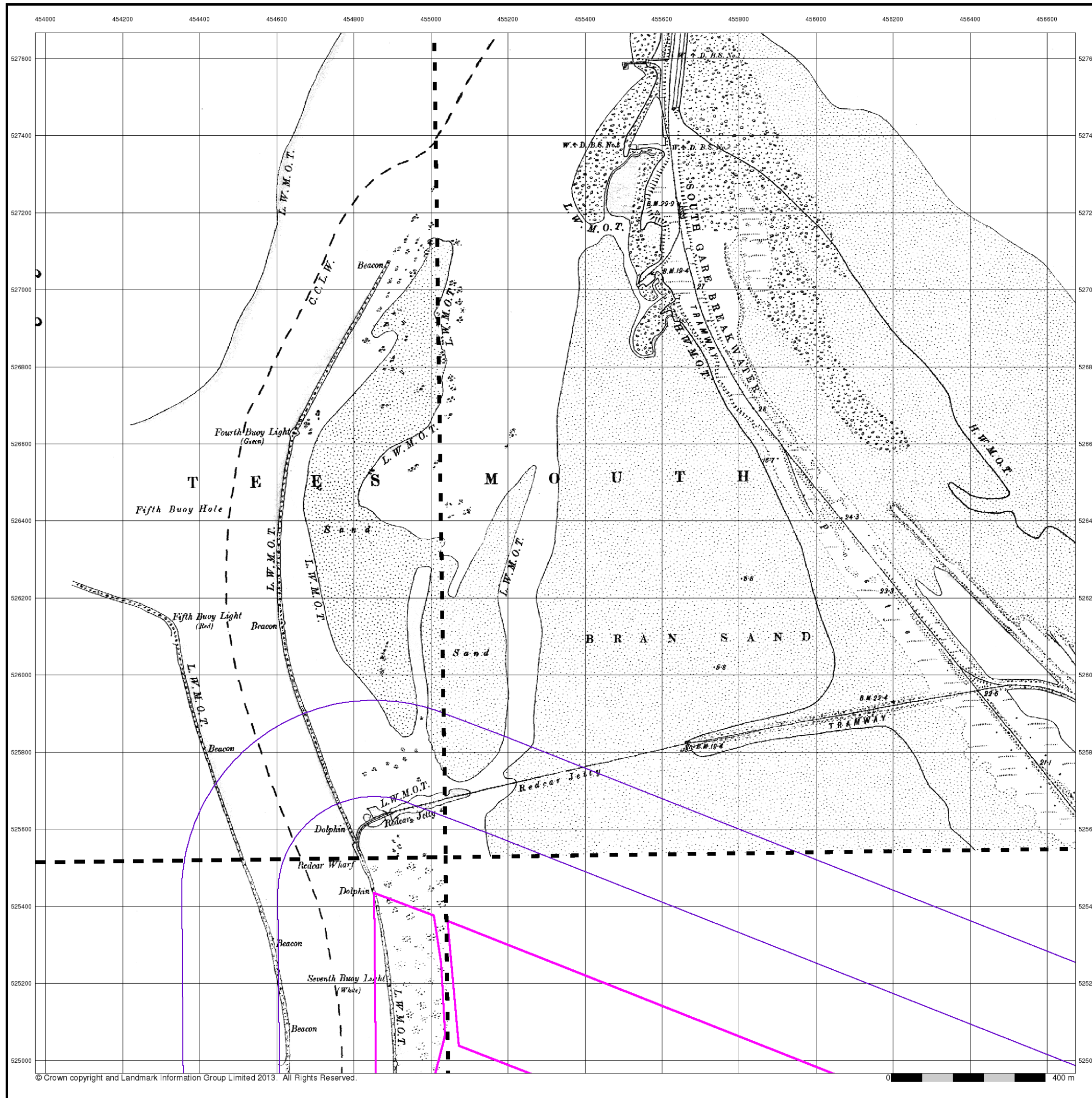


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



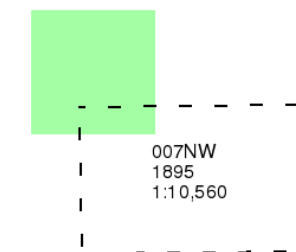
Yorkshire

Published 1895

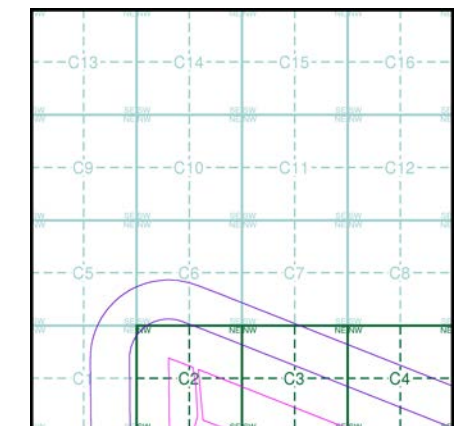
Source map scale - 1:10,560

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 C

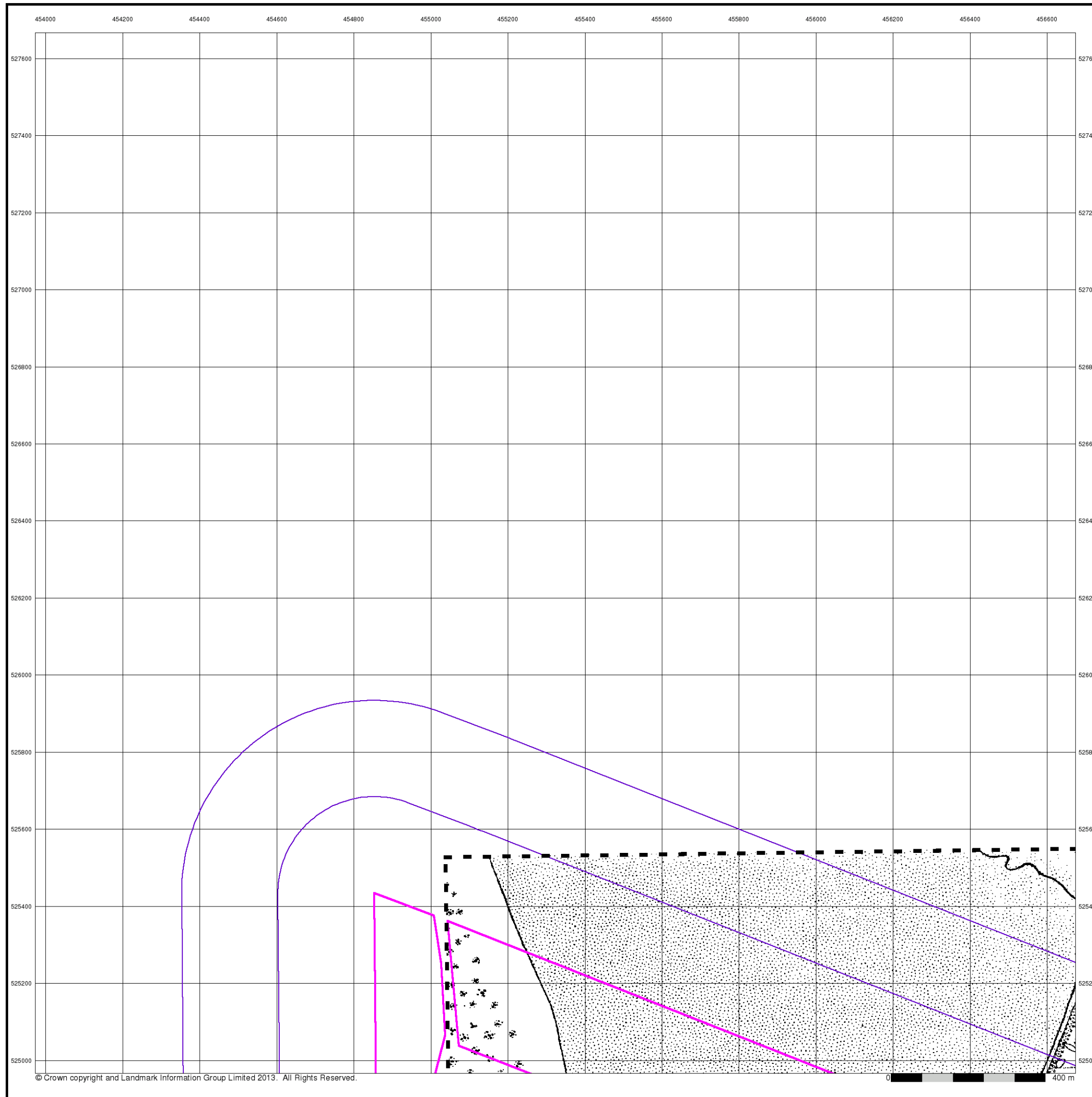


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Durham

Published 1898

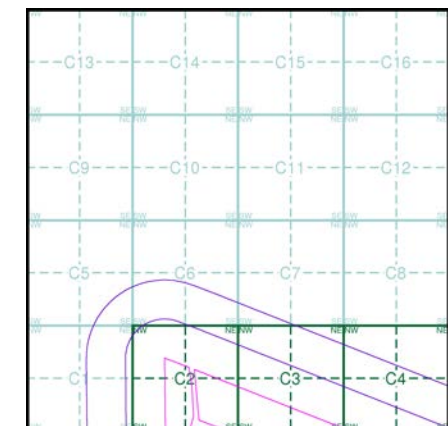
Source map scale - 1:10,560

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)

045NE 1898 1:10,560	045ANW 1898 1:10,560
045SE 1898 1:10,560	

Historical Map - Slice C

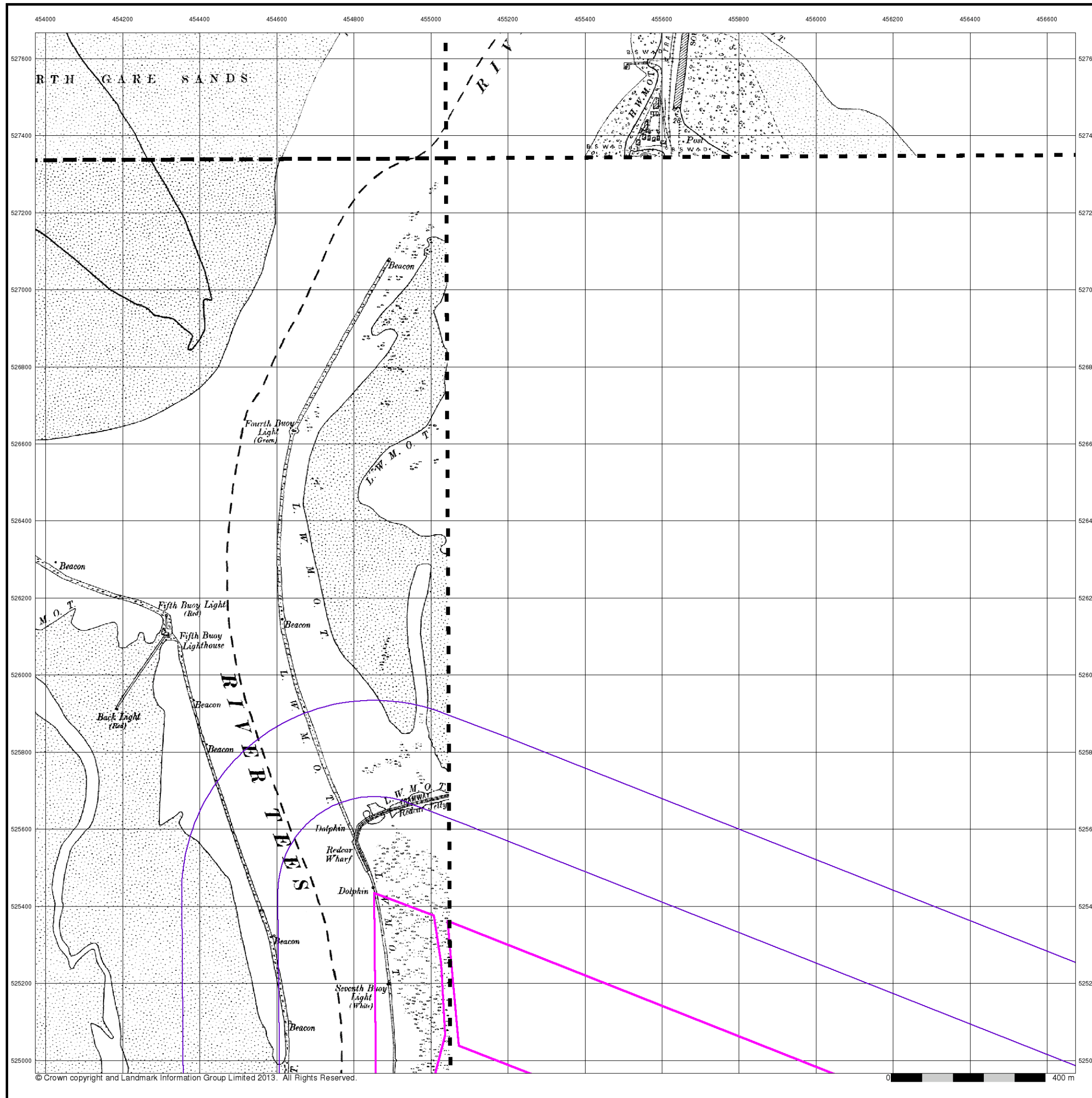


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



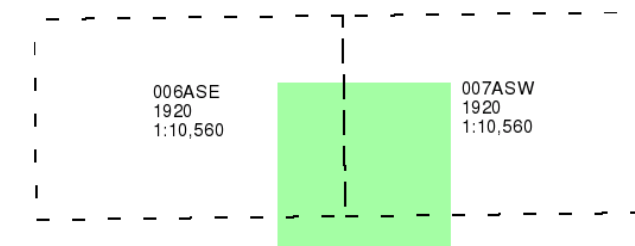
Yorkshire

Published 1920

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 C

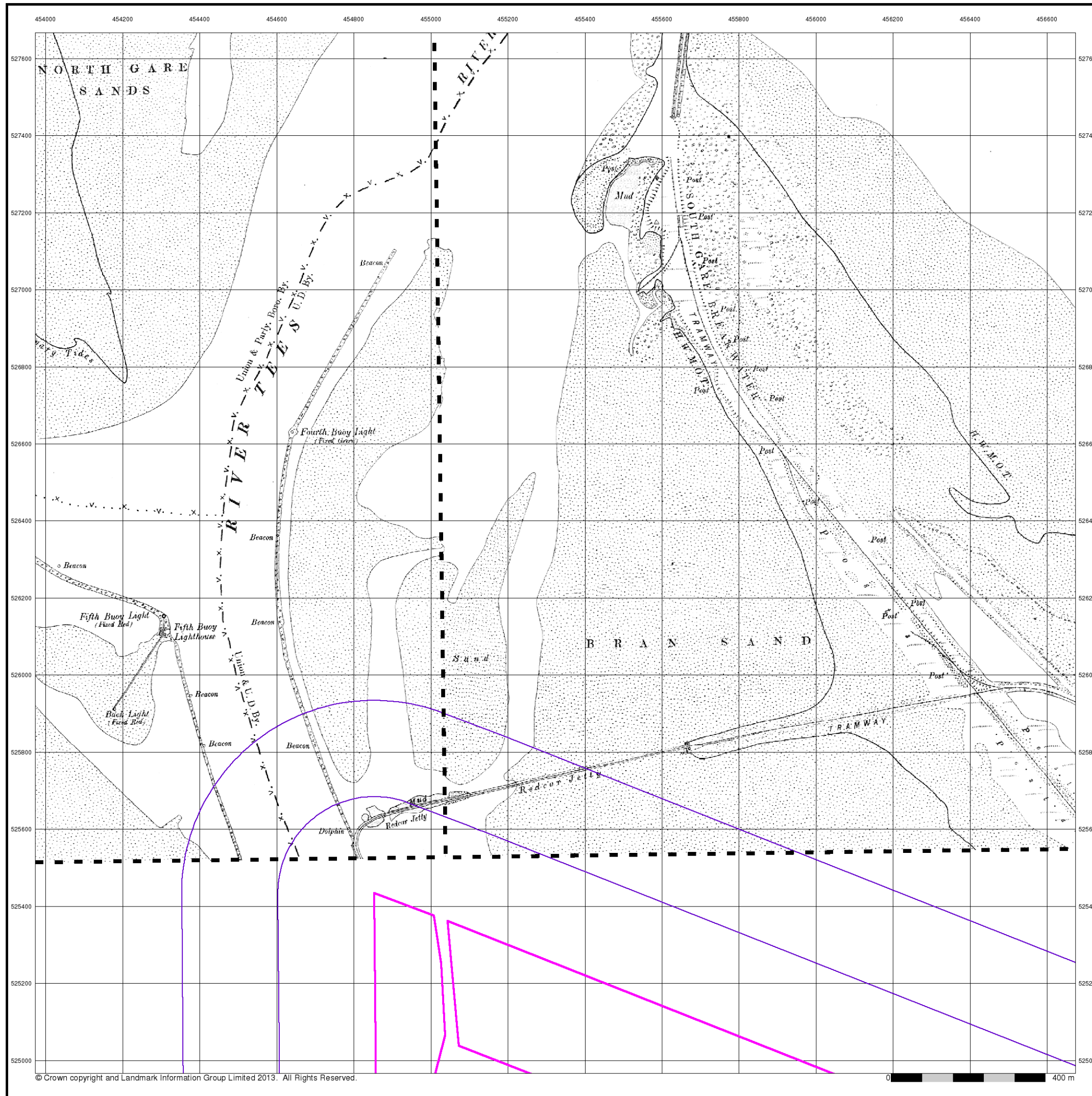


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Durham

Published 1923

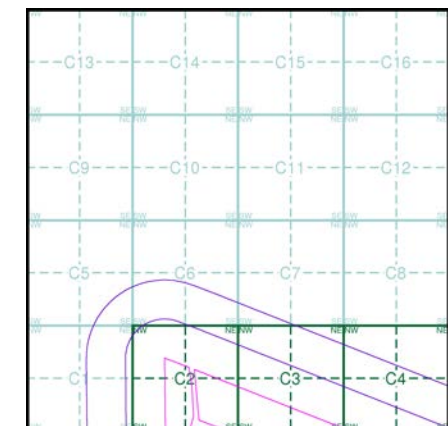
Source map scale - 1:10,560

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)

045NE 1923 1:10,560	045ANW 1923 1:10,560
045SE 1923 1:10,560	

Historical Map - Slice C

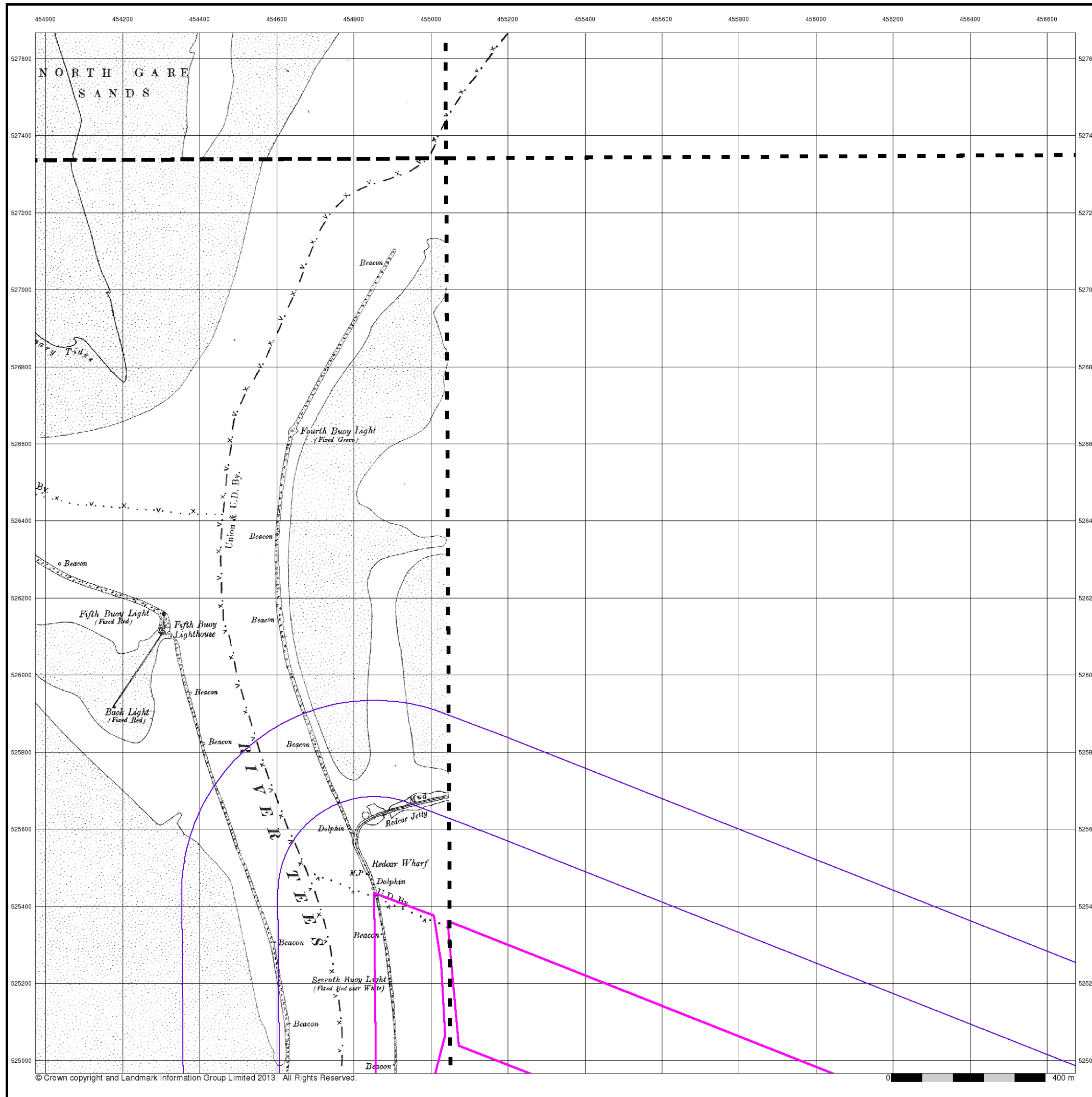


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



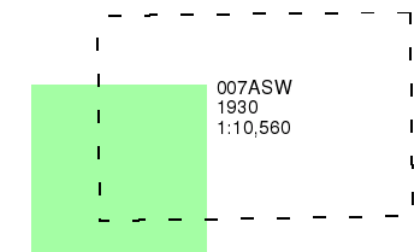
Yorkshire

Published 1930

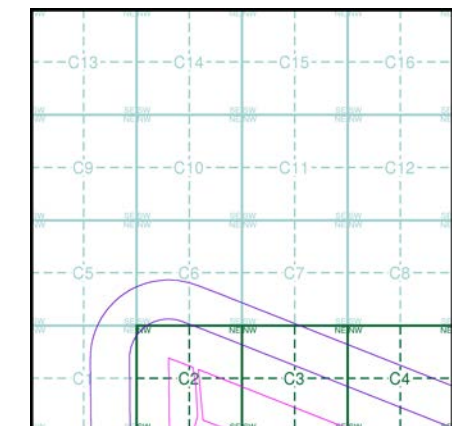
Source map scale - 1:10,560

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 C

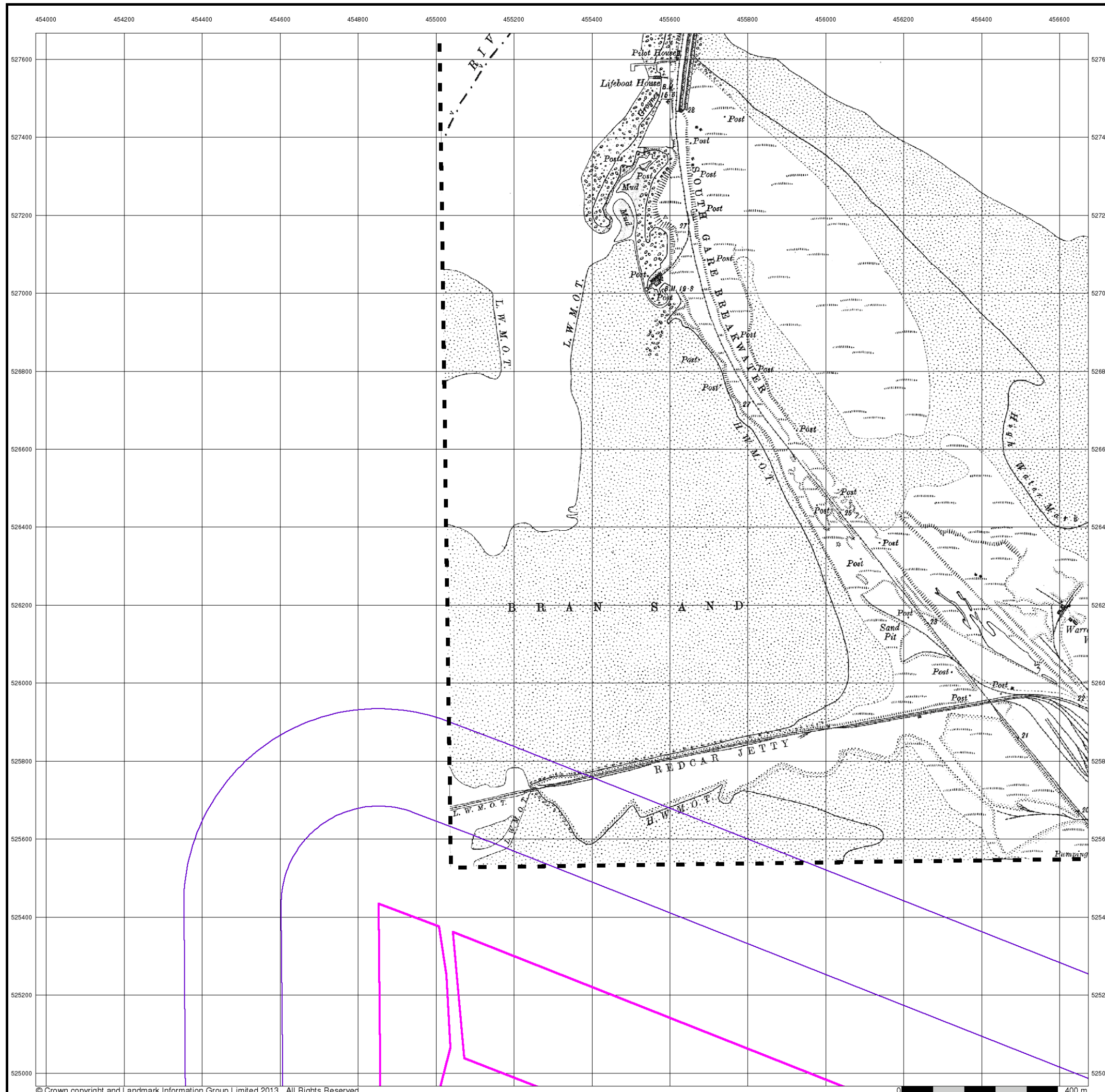


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Durham

Published 1938 - 1951

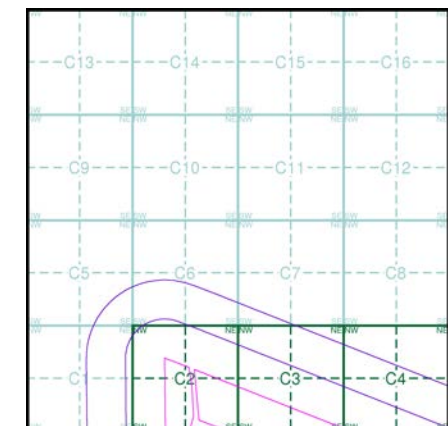
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

045NE 1938 1:10,560	045ANW 1938 1:10,560
045SE 1951 1:10,560	

Historical Map - Slice C

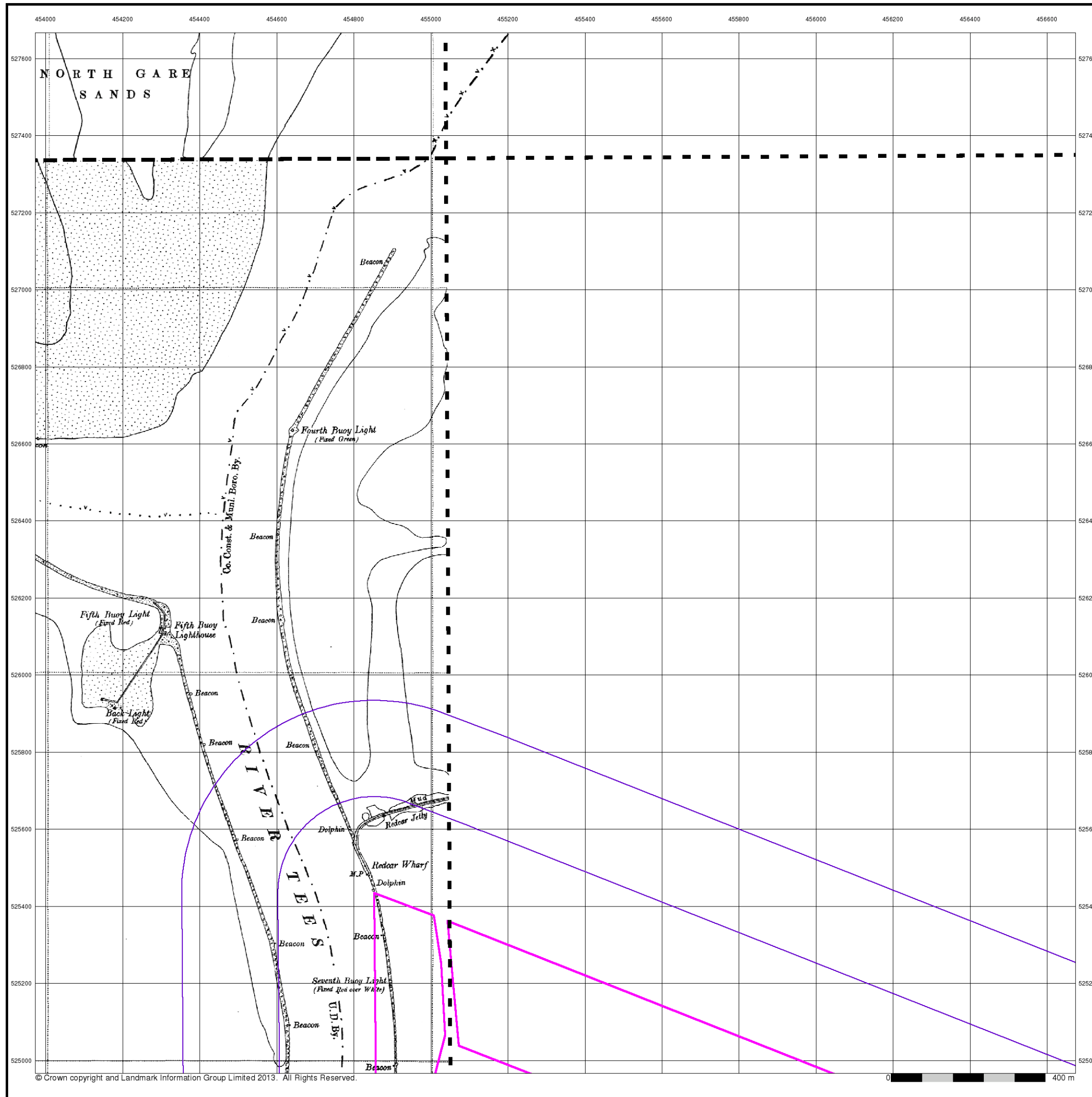


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



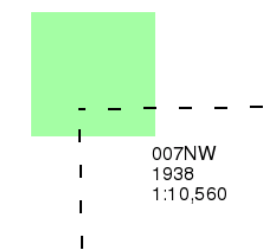
Yorkshire

Published 1938

Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice C



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Durham

Published 1951 - 1952

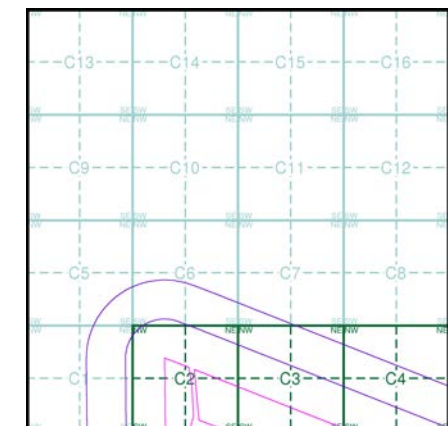
Source map scale - 1:10,560

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)

045NE 1951 1:10,560	045ANW 1951 1:10,560
045SE 1952 1:10,560	

Historical Map - Slice C

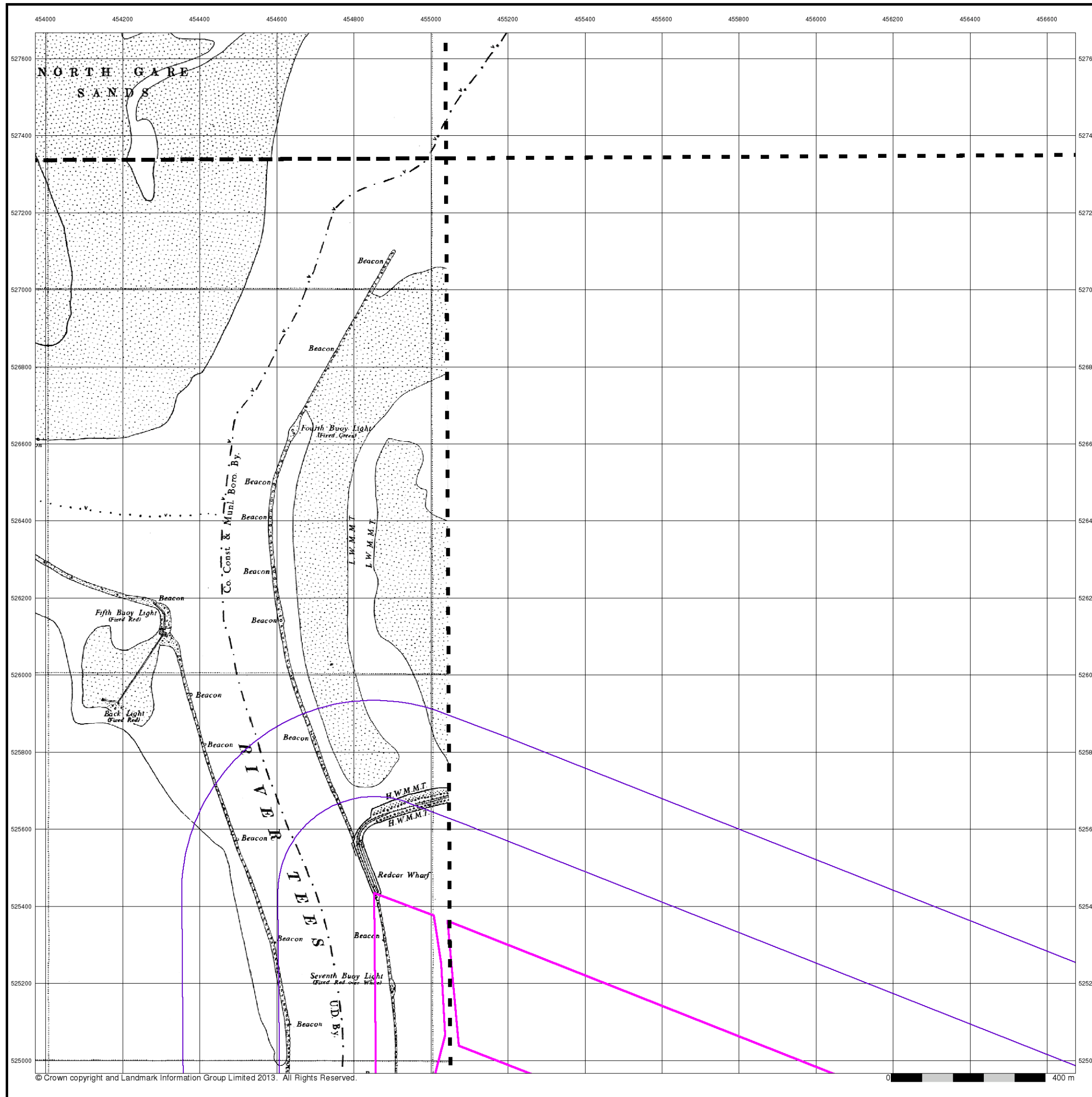


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Ordnance Survey Plan

Published 1953 - 1955

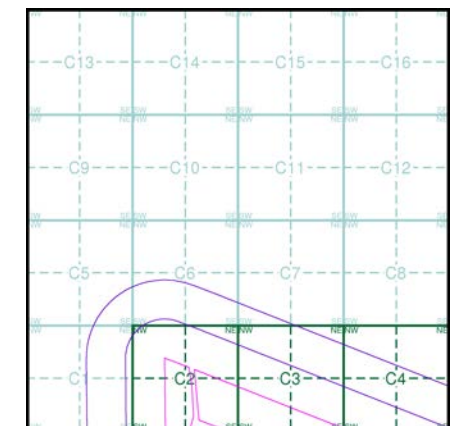
Source map scale - 1:10,000

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)

NZ52NW 1954 1:10,560	NZ52NE 1953 1:10,560
NZ52SW 1955 1:10,560	NZ52SE 1953 1:10,560

Historical Map - Slice C

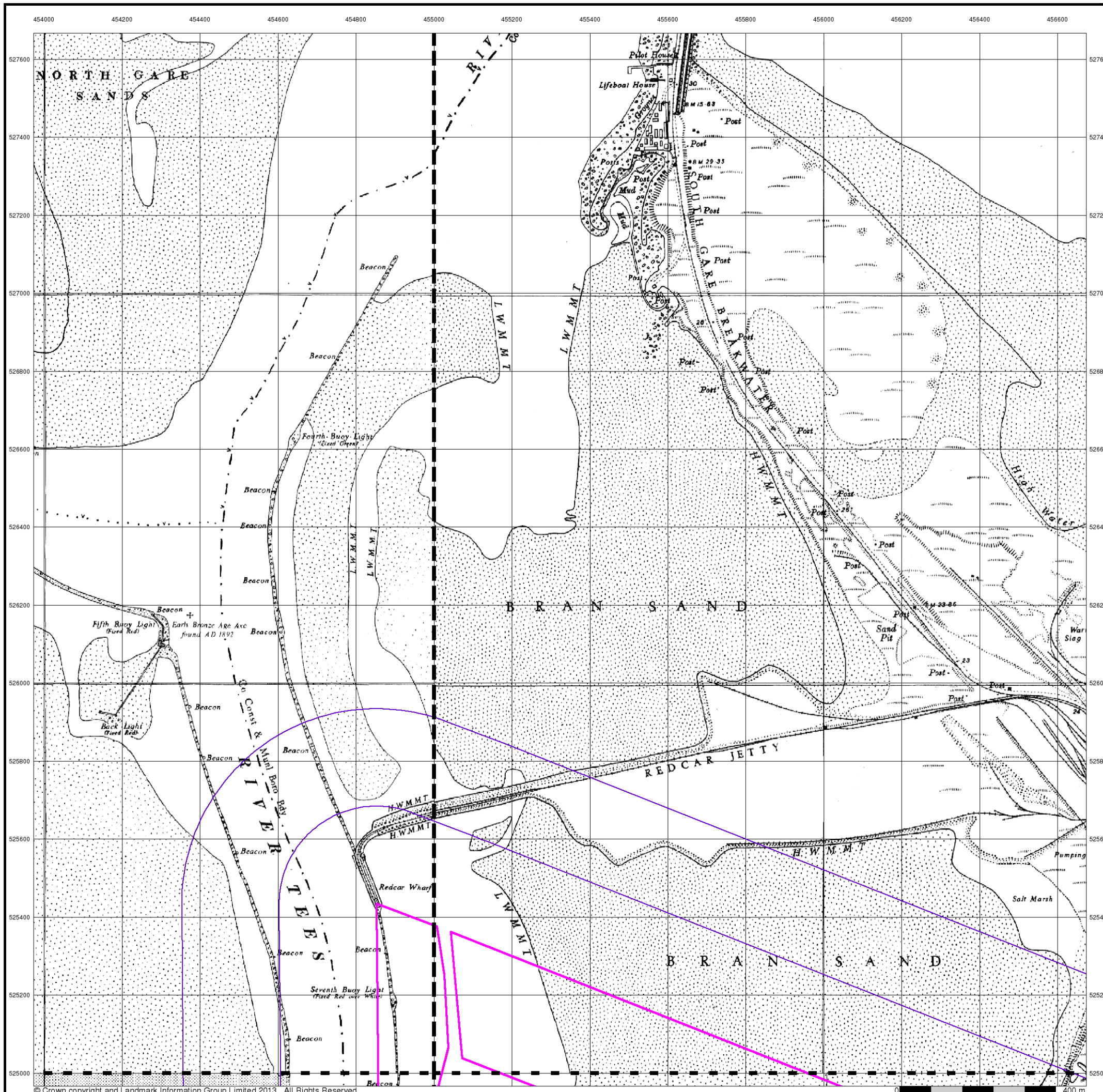


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Ordnance Survey Plan

Published 1970 - 1976

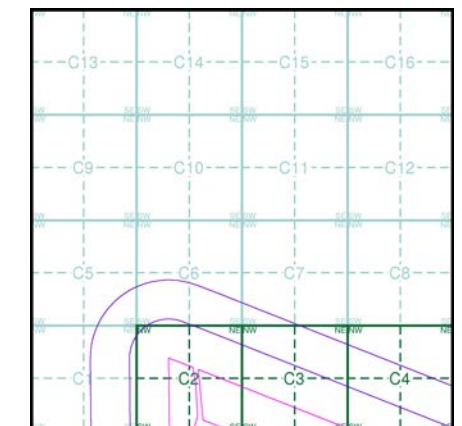
Source map scale - 1:10,000

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)

NZ52NE	1970
1:10,560	
NZ52SE	1976
1:10,000	

Historical Map - Slice C

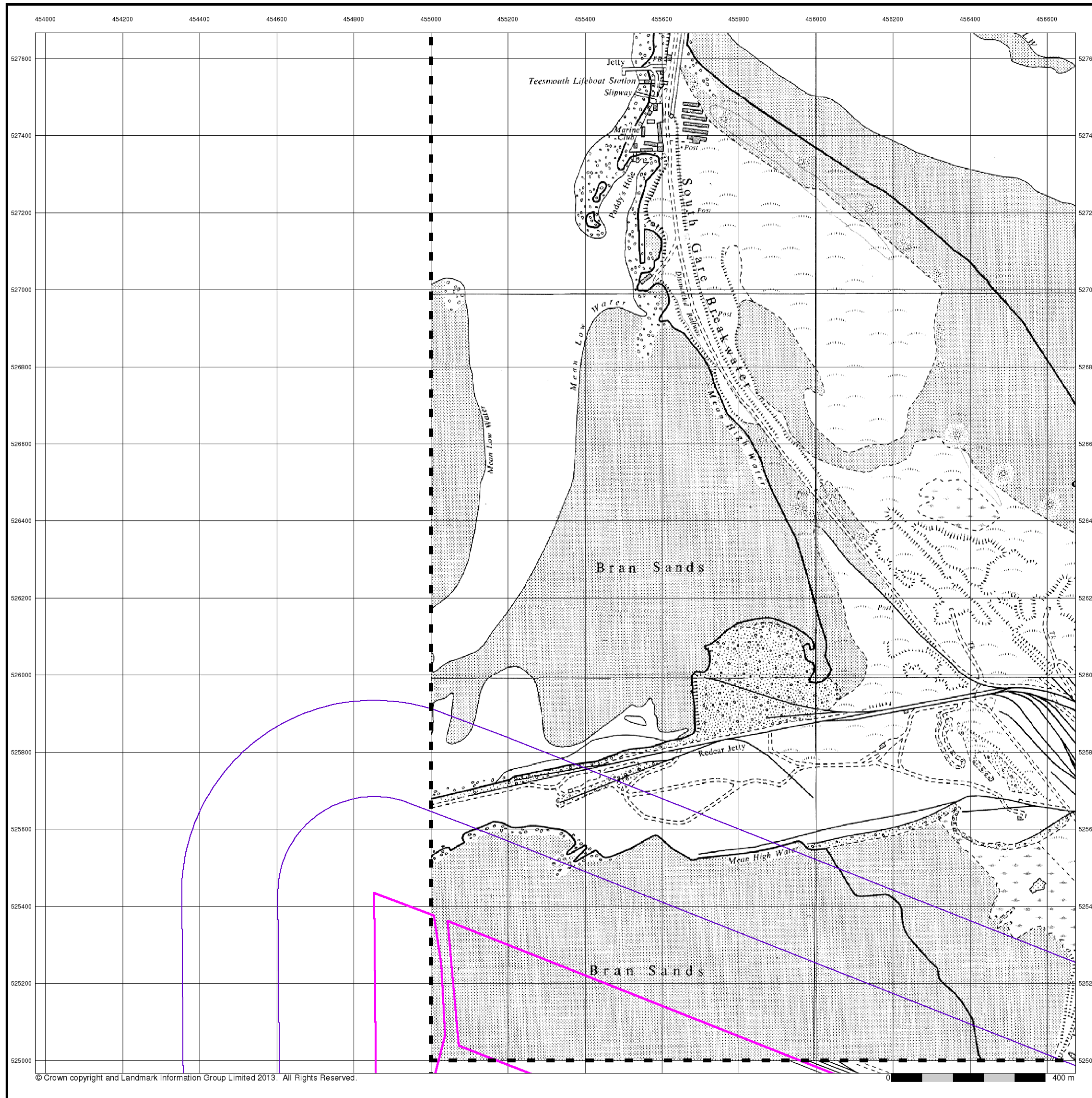


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Middlesbrough

Published 1975

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)

NZ52NW 1975 1:10,000	NZ52NE 1975 1:10,000
NZ52SW 1975 1:10,000	NZ52SE 1975 1:10,000

Russian Map - Slice C

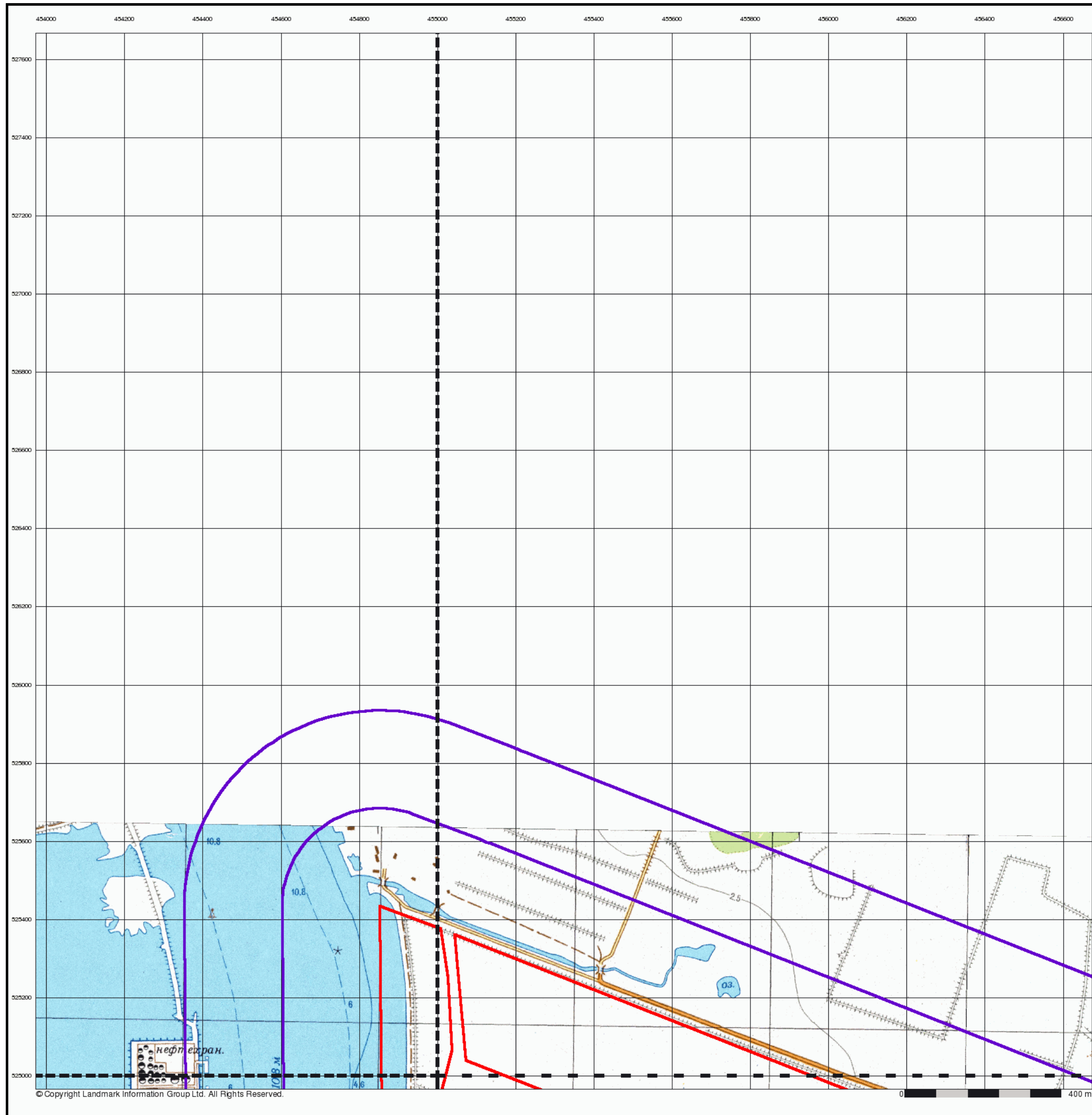


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Hartlepool

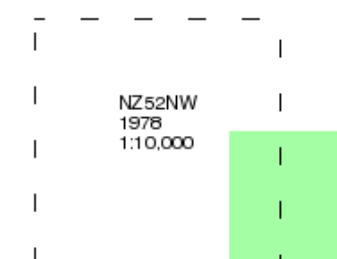
Published 1978

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.

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Map Name(s) and Date(s)



Russian Map - Slice C

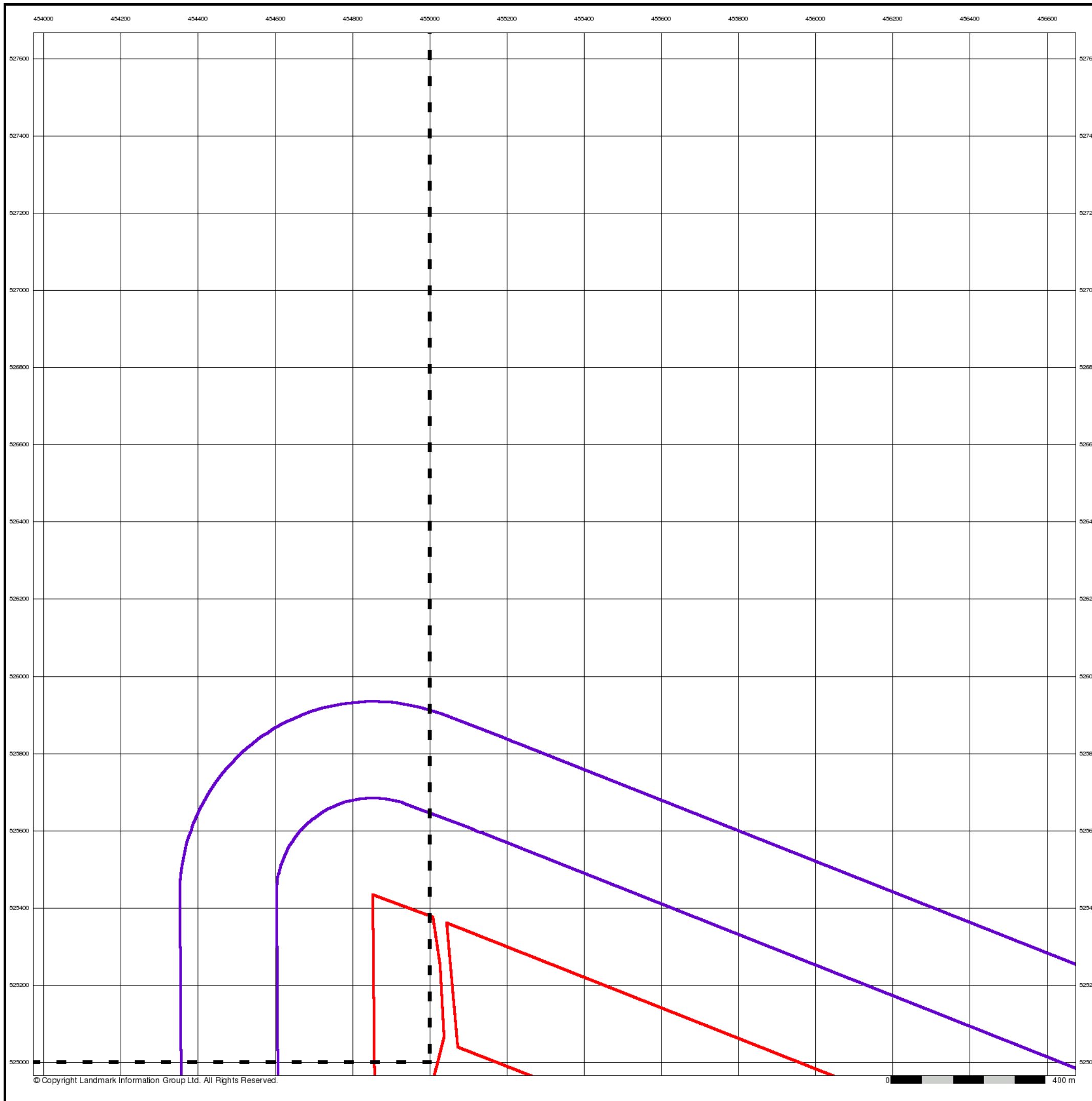


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Ordnance Survey Plan

Published 1981 - 1985

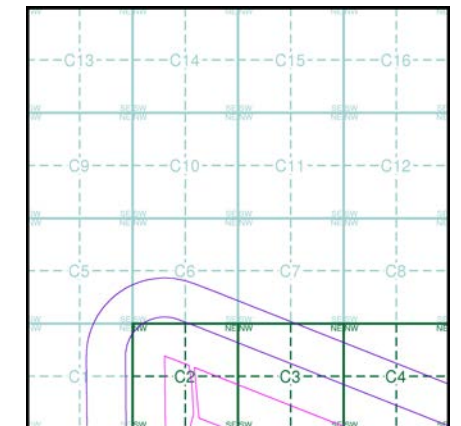
Source map scale - 1:10,000

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)

NZ52NW	NZ52NE			
1981	1982			
1:10,000	1:10,000			
<table border="1"> <tr> <td>NZ52SE</td> </tr> <tr> <td>1985</td> </tr> <tr> <td>1:10,000</td> </tr> </table>		NZ52SE	1985	1:10,000
NZ52SE				
1985				
1:10,000				

Historical Map - Slice C

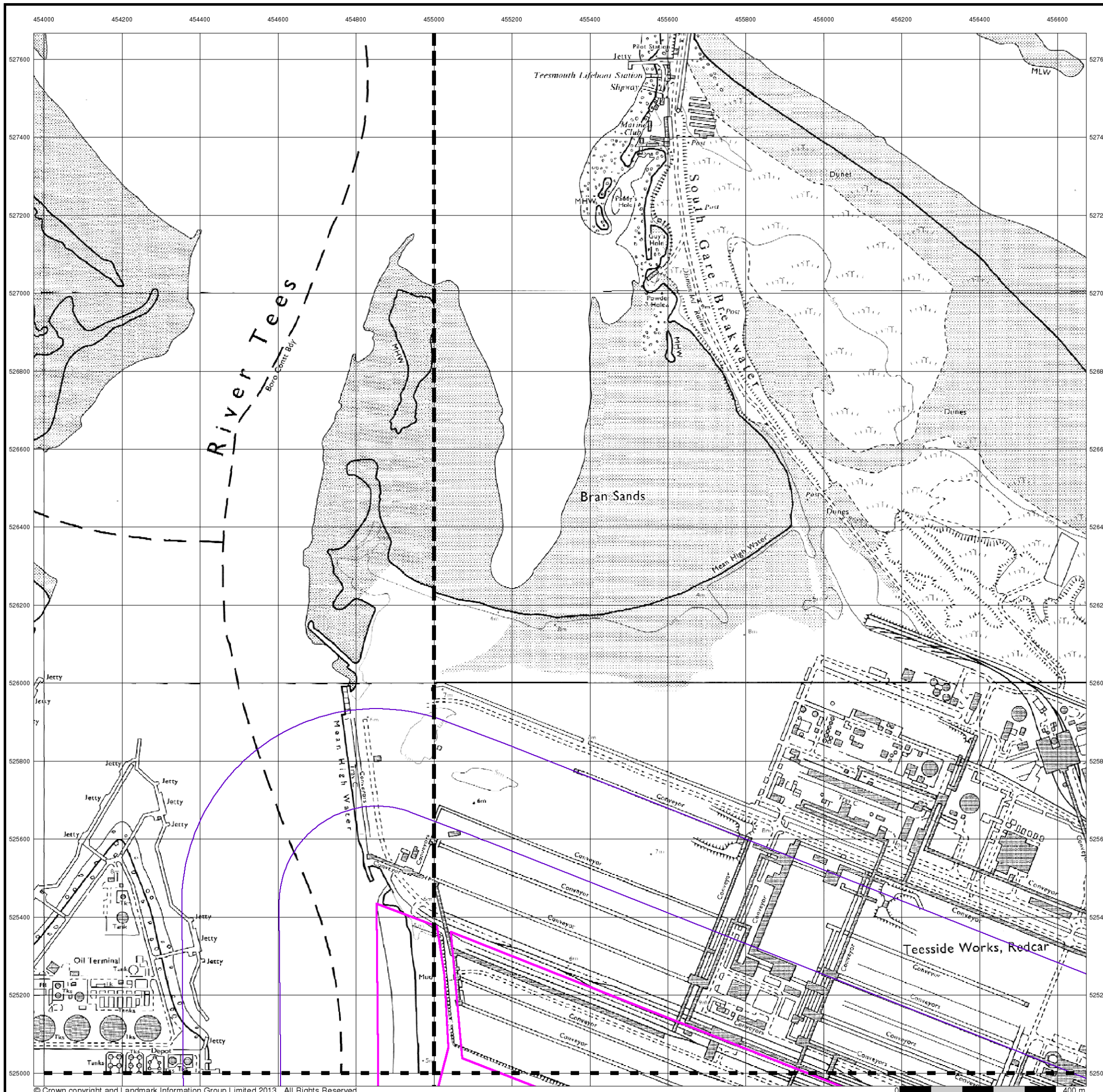


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Ordnance Survey Plan

Published 1990 - 1995

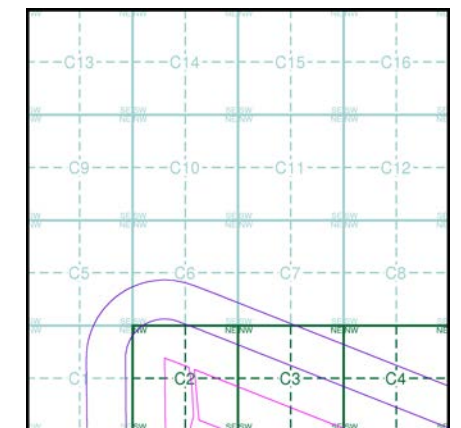
Source map scale - 1:10,000

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)

NZ52NW	1995	1:10,000
NZ52SW	1990	1:10,000
NZ52SE	1992	1:10,000

Historical Map - Slice C

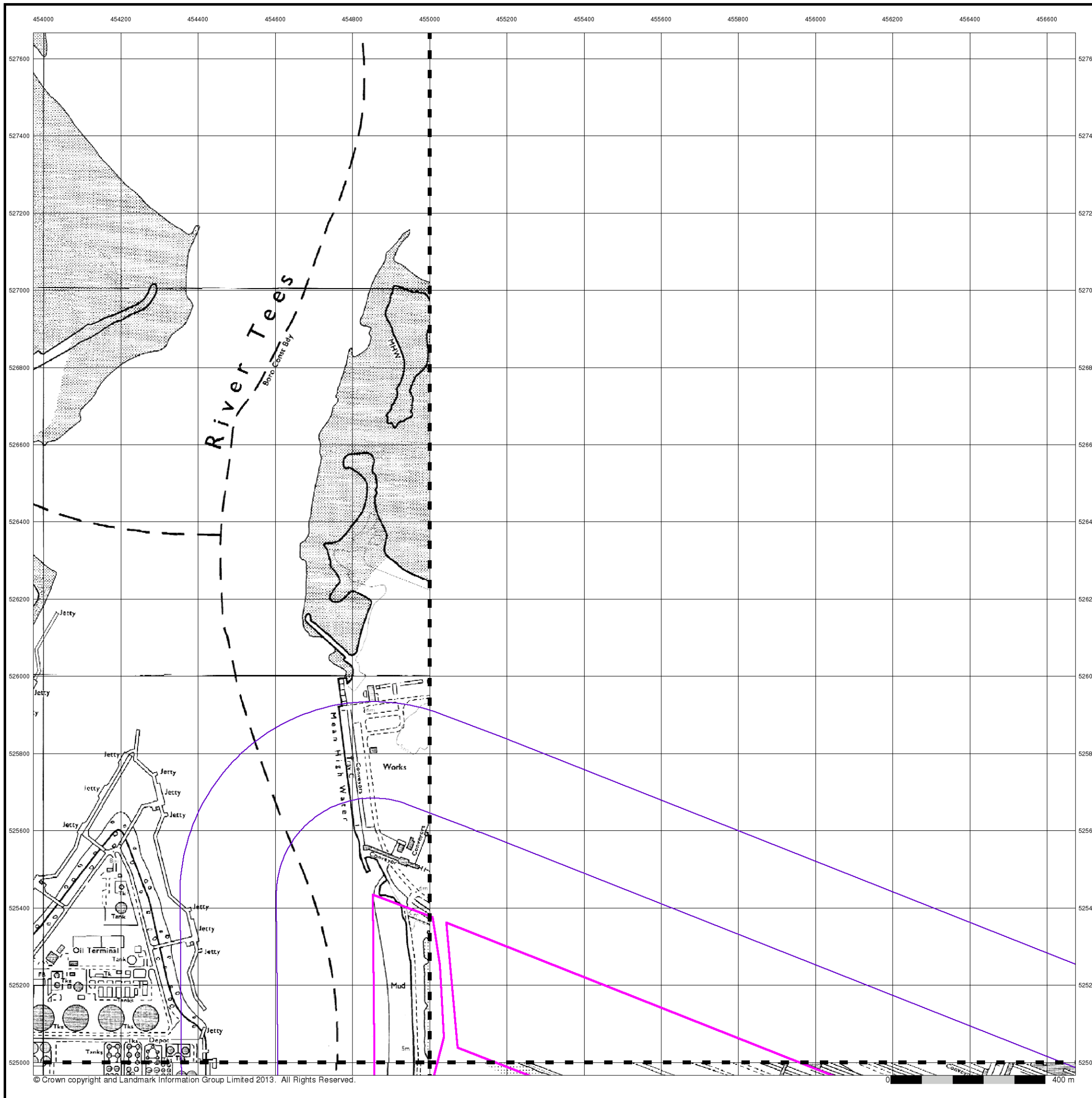


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Middlesbrough

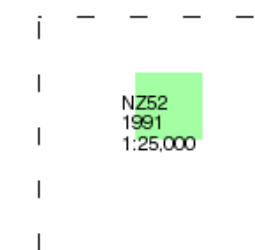
Published 1991

Source map scale - 1:25,000

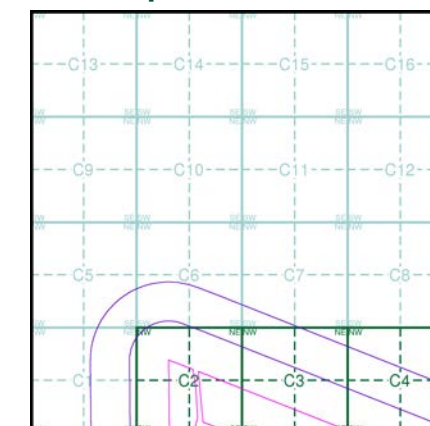
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed 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.

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Map Name(s) and Date(s)



Russian Map - Slice C

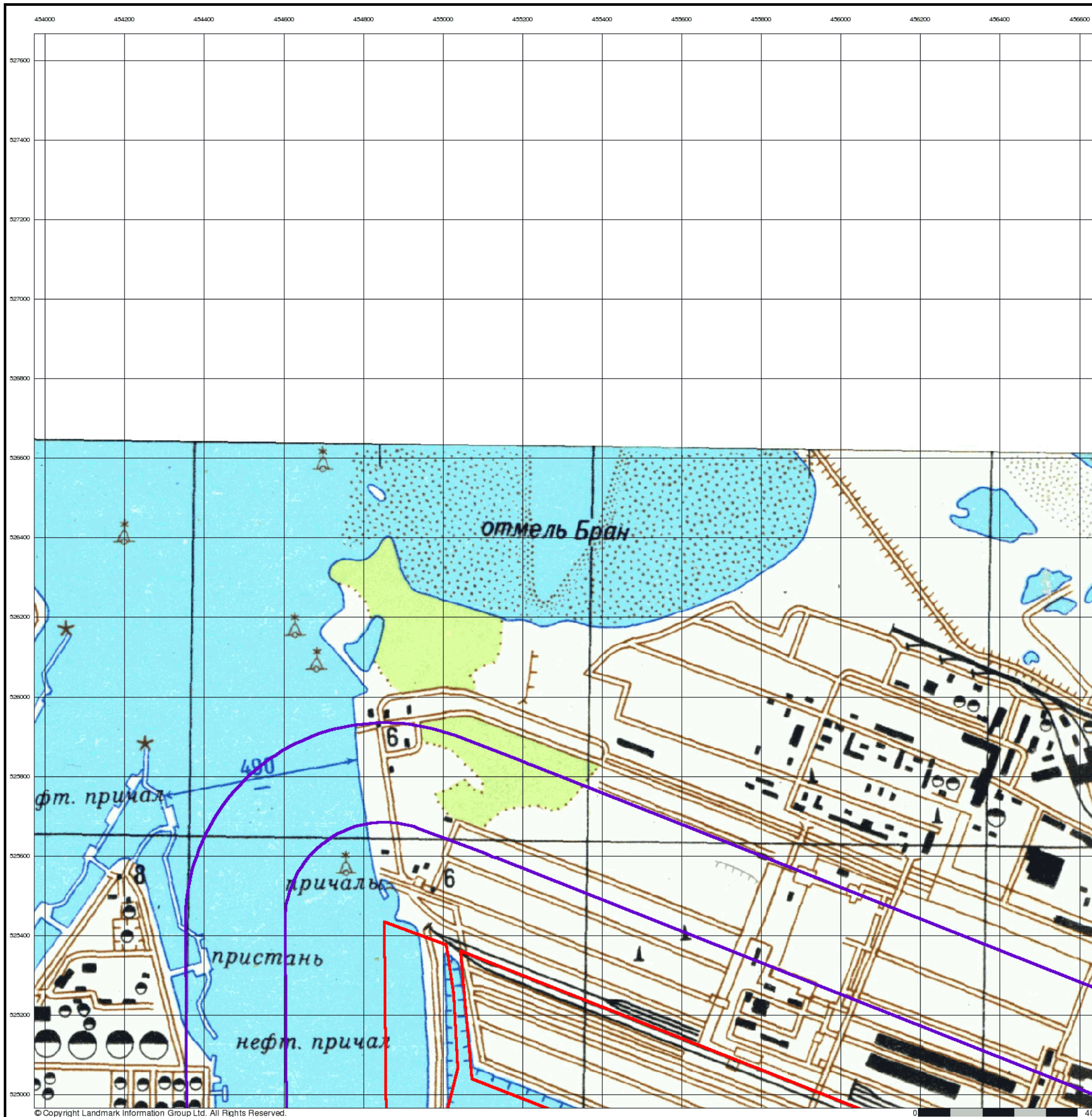


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



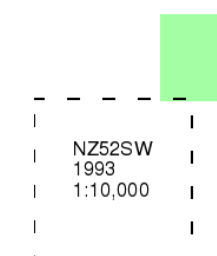
Ordnance Survey Plan

Published 1993

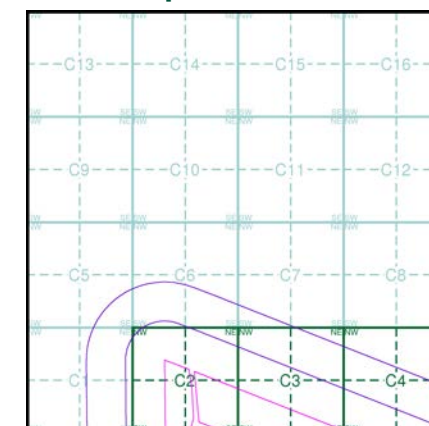
Source map scale - 1:10,000

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 C

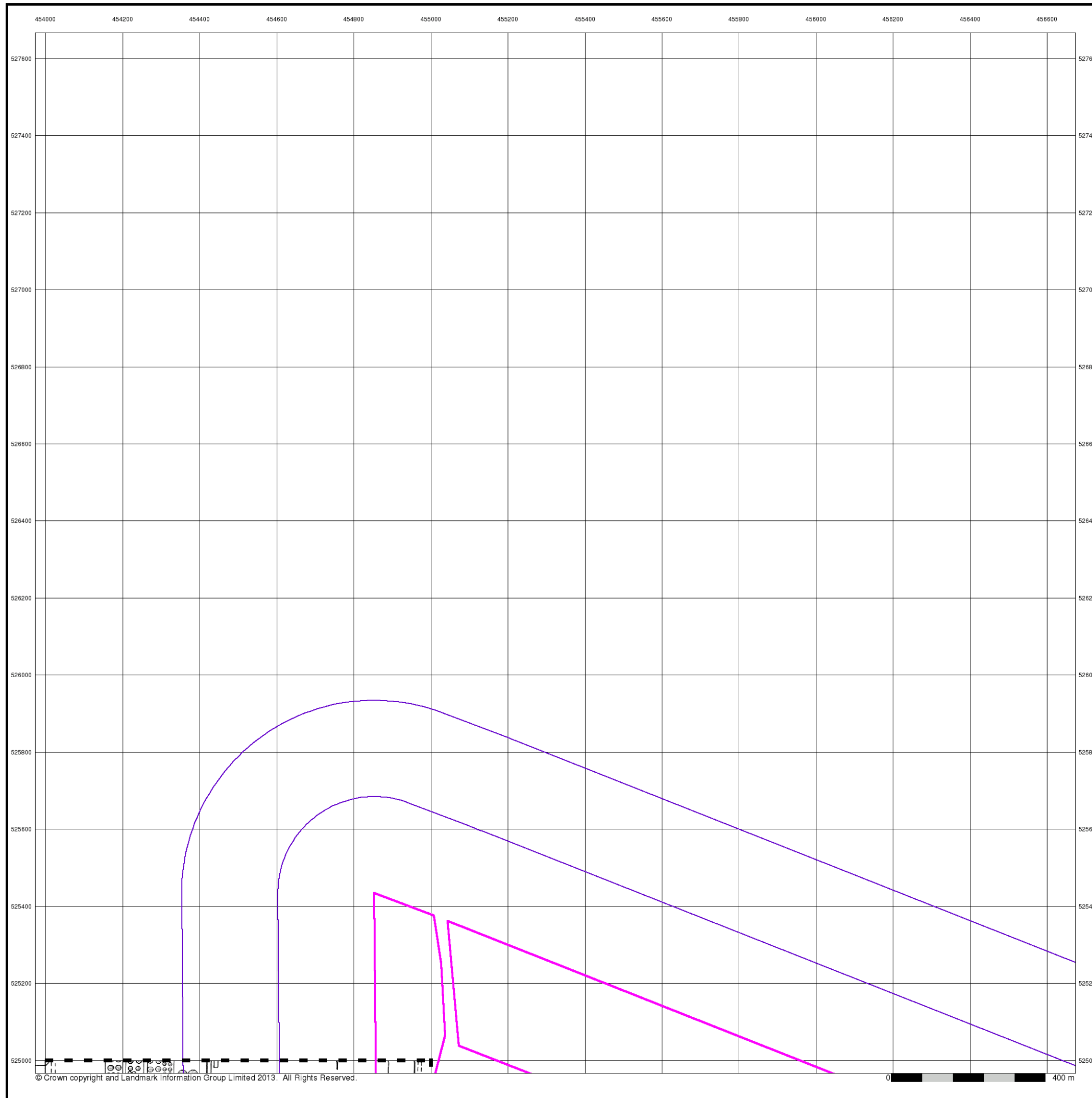


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



10k Raster Mapping

Published 2006

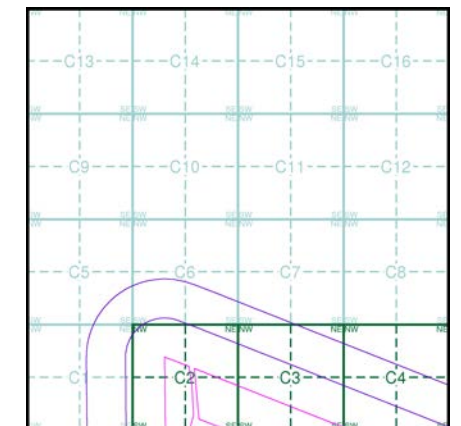
Source map scale - 1:10,000

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)

NZ52NW 2006 1:10,000	NZ52NE 2006 1:10,000
NZ52SW 2006 1:10,000	NZ52SE 2006 1:10,000

Historical Map - Slice C

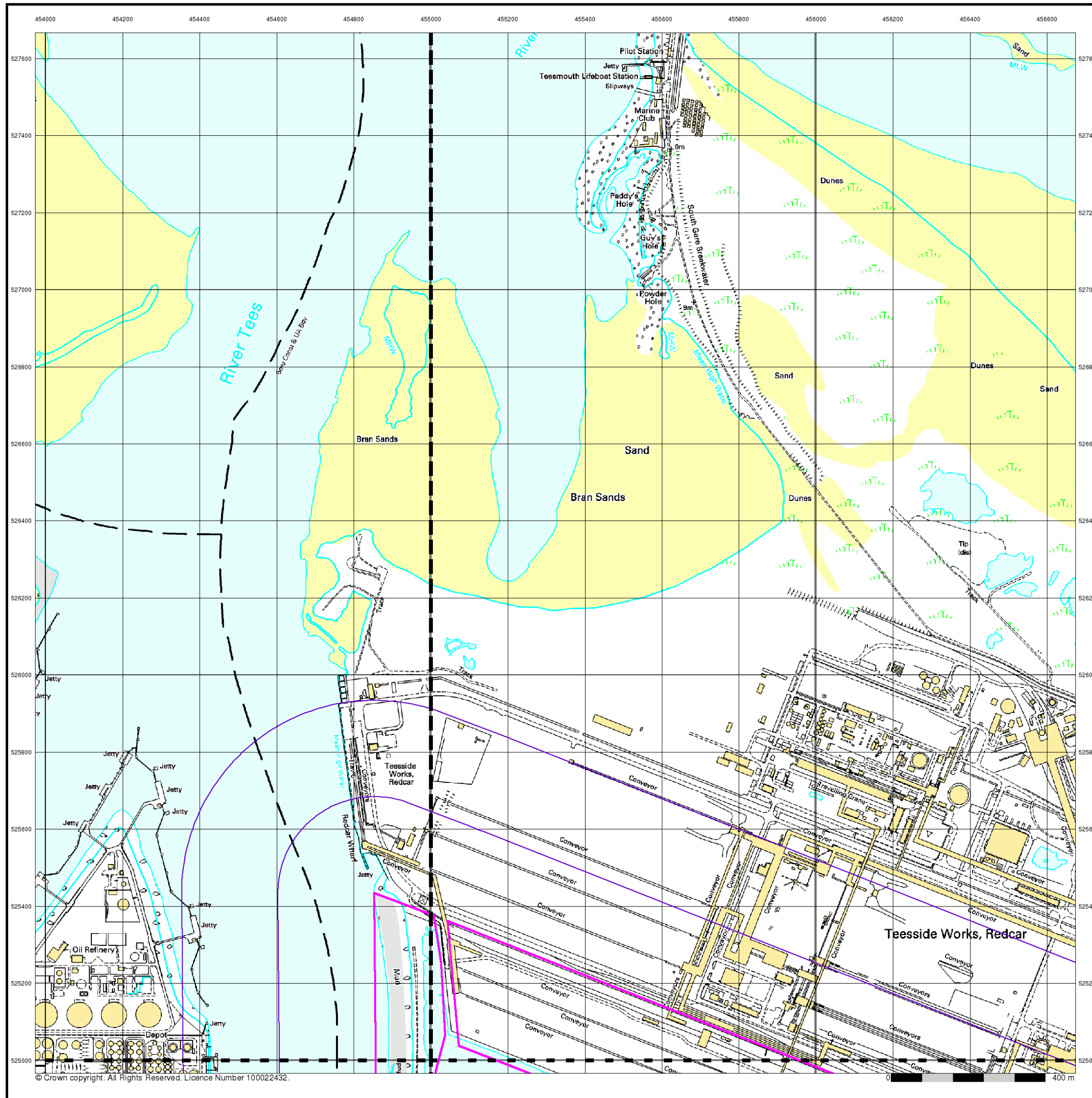


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



10k Raster Mapping

Published 2013

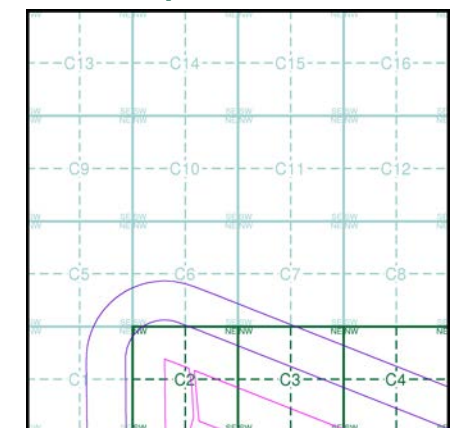
Source map scale - 1:10,000

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)

NZ52NW 2013 1:10,000	NZ52NE 2013 1:10,000
NZ52SW 2013 1:10,000	NZ52SE 2013 1:10,000

Historical Map - Slice C

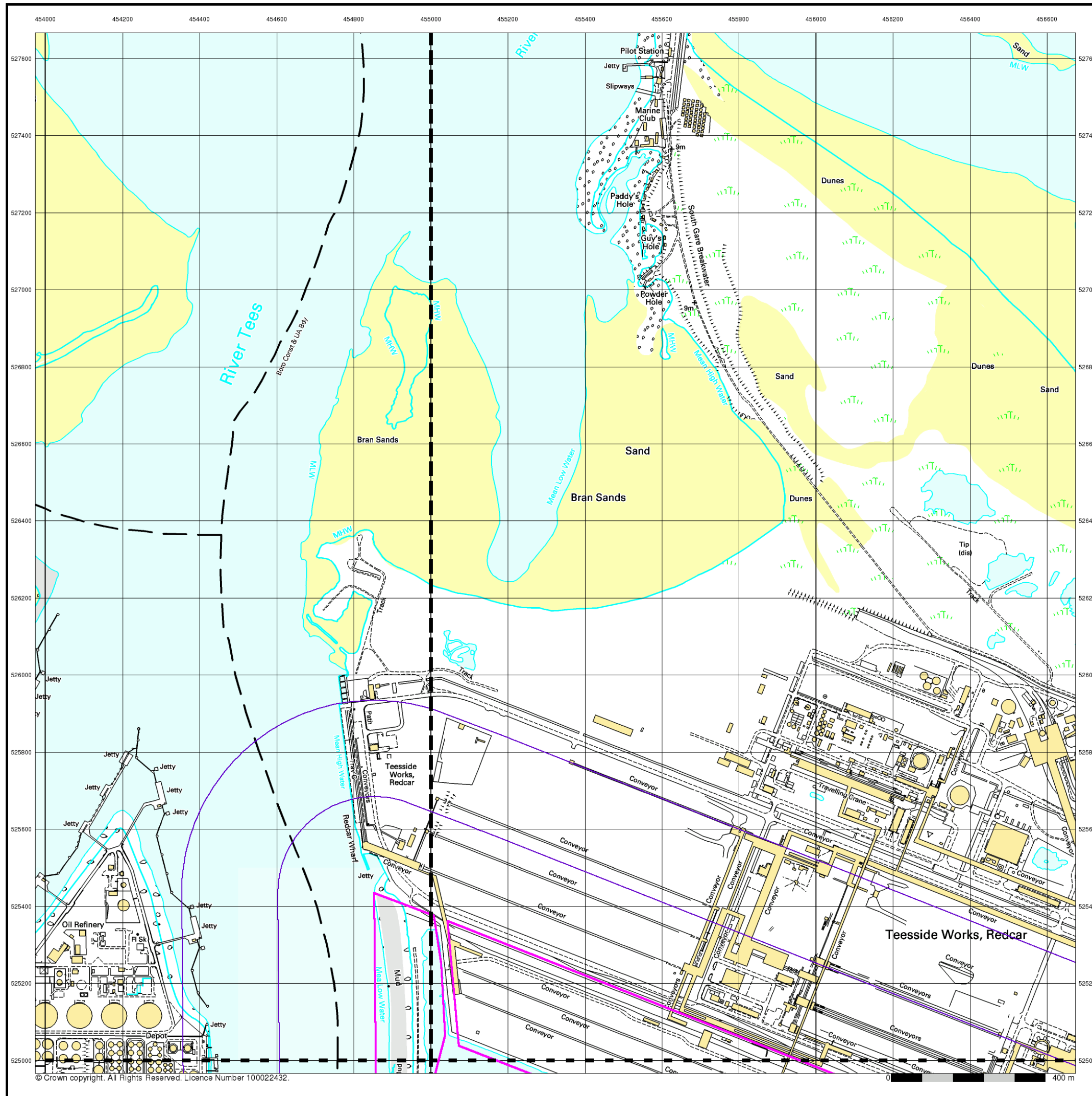


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 455340, 525340
 Slice: C
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- Bracken
- Heath
- Rough Grassland
- Marsh
- Reeds
- Saltings
- Building
- Glasshouse
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge
- Geographical County
- Administrative County, County Borough or County of City
- Municipal Borough, Urban or Rural District, Burgh or District Council
- Borough, Burgh or County Constituency
- Civil Parish
- BP, BS Boundary Post or Stone
- Ch Church
- CH Club House
- F E Sta Fire Engine Station
- FB Foot Bridge
- Fn Fountain
- GP Guide Post
- MP Mile Post
- MS Mile Stone
- Pol Sta Police Station
- PO Post Office
- PC Public Convenience
- PH Public House
- SB Signal Box
- Spr Spring
- TCB Telephone Call Box
- TCP Telephone Call Post
- W Well

1:10,000 Raster Mapping

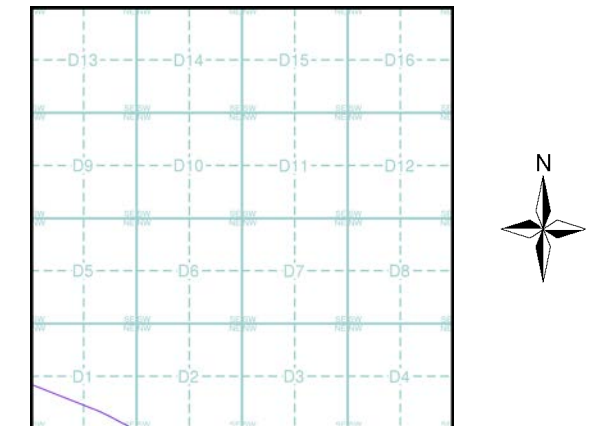
- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- General detail
- Overhead detail
- Multi-track railway
- County boundary (England only)
- District, Unitary, Metropolitan, London Borough boundary
- Area of wooded vegetation
- Non-coniferous trees (scattered)
- Coniferous trees (scattered)
-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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1856 - 1857	3
Yorkshire	1:10,560	1895	4
Yorkshire	1:10,560	1895	5
Durham	1:10,560	1898	6
Yorkshire	1:10,560	1920	7
Durham	1:10,560	1923	8
Yorkshire	1:10,560	1930	9
Durham	1:10,560	1938	10
Yorkshire	1:10,560	1938	11
Durham	1:10,560	1951	12
Ordnance Survey Plan	1:10,000	1953	13
Ordnance Survey Plan	1:10,000	1970 - 1976	14
Middlesbrough	1:10,000	1975	15
Ordnance Survey Plan	1:10,000	1982 - 1985	16
Middlesbrough	1:25,000	1991	17
Ordnance Survey Plan	1:10,000	1992	18
10K Raster Mapping	1:10,000	2006	19
10K Raster Mapping	1:10,000	2013	20

Historical Map - Slice D



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 456900, 525060
 Slice: D
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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

a. Not drawn to scale b. Drawn to scale

	Government and Administrative Buildings		Military and Industrial Buildings
	Military and Communication Areas		Subway Entrance
	Fireproof Building		Prominent Fireproof Building
	Non-fireproof Building		Non-fireproof Building (non-dwelling)
	Factory, mill, and flour mill, with chimneys		Factory, mill, and flour mill, without chimneys
	Power Station, drawn to scale		Hydroelectric Power Station
	Radio Station, drawn to scale		Telephone Station, drawn to scale
	Abandoned Open-pit Mine or Quarry		Open-pit Salt Mine
	Pit		Oil Deposit or Well
	Oil Seepage		Natural Gas Tank
	Tailings Pile		Fuel Storage Tanks
	Bench Mark		Drill Hole
	Burial Mound		Triangulation Point on Burial Mound
	Single-track Railroad		Double-track Railroad
	Railroad and Station Building		Small Bridge
	Tunnel		Pipe (Culvert)
	Coniferous Forest		Deciduous Forest
	Mixed Forest		Lawns
	Citrus Orchard		Wet Ground
	Scattered Vegetation		

243,8 Values for prominent elevations
186.0 Numbers for spot elevations, depth soundings, contour lines, etc.
0,2 Velocity of the current, width of river bed, depth of river
180/12 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 (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

	Government and Administrative Buildings		Military and Industrial Buildings
	Military and Communication Areas		Subway Entrance
	Partly Demolished Buildings		Demolished Buildings
	Built-Up Area with Fireproof Buildings Predominant		Built-Up Area with Non-Fireproof Buildings Predominant
	Individual Fireproof Building		Prominent Industrial Building
	Individual Dwelling, Fireproof		Ruins of an Individual Dwelling
	Factory or Mill Chimney		Factory or Mill with Chimney
	Factory or Mill without Chimney		Salt Mine
	Operating Shaft or Mine		Non-Operating Shaft or Mine
	Tailings Pile		Gas Pump or Service Station
	Fuel Storage or Natural Gas Tank		Oil or Natural Gas Derrick
	Small Hydroelectric Power Station		Power Station
	Transformer Station		Cemetery
	Burial Mound (height in metres)		Triangulation Point on Burial Mound
	Triangulation Point		Bench Mark
	Bench Mark (monumented)		Telegraph Office
	Telephone Station		Radio Station
	Radio Tower		Airfield or Seaplane Base
	Landing Strip		Cut
	Fill		Km Post
	Plantings		Width of Road
	Steep Grade		Telegraph/Telephone Lines
	Main Highway		Highway under Construction
	Improved Dirt Road (former truck road)		Small Bridge
	Pipe (Culvert)		Tunnel
	Dismantled Railroad		Double-track Railroad with First Class Station
	Railroad Under Construction		Shore Embankment
	River or Ditch with Embankment		Water Gauge
	Direction and velocity of current		Water Level Mark
	Well		Water Reservoir or Rain Water Pit
	Spring		Isobath with value
	Heavy (Index) Contour Line		Contour Line and Value
	Half Contour Line		Spot Elevation Value
	Coniferous		Deciduous
	Mixed		Scrub

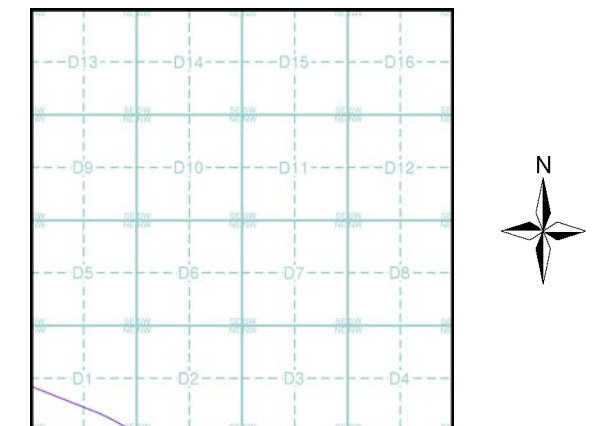
Key to Numbers on Mapping



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1856 - 1857	3
Yorkshire	1:10,560	1895	4
Yorkshire	1:10,560	1895	5
Durham	1:10,560	1898	6
Yorkshire	1:10,560	1920	7
Durham	1:10,560	1923	8
Yorkshire	1:10,560	1930	9
Durham	1:10,560	1938	10
Yorkshire	1:10,560	1938	11
Durham	1:10,560	1951	12
Ordnance Survey Plan	1:10,000	1953	13
Ordnance Survey Plan	1:10,000	1970 - 1976	14
Middlesbrough	1:10,000	1975	15
Ordnance Survey Plan	1:10,000	1982 - 1985	16
Middlesbrough	1:25,000	1991	17
Ordnance Survey Plan	1:10,000	1992	18
10K Raster Mapping	1:10,000	2006	19
10K Raster Mapping	1:10,000	2013	20

Russian Map - Slice D



Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 456900, 525060
 Slice: D
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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

Yorkshire

Published 1856 - 1857

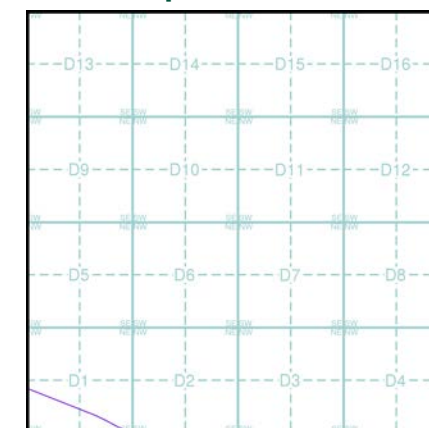
Source map scale - 1:10,560

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)

007A00	1856	1:10,560
00700	1857	1:10,560

Historical Map - Slice D

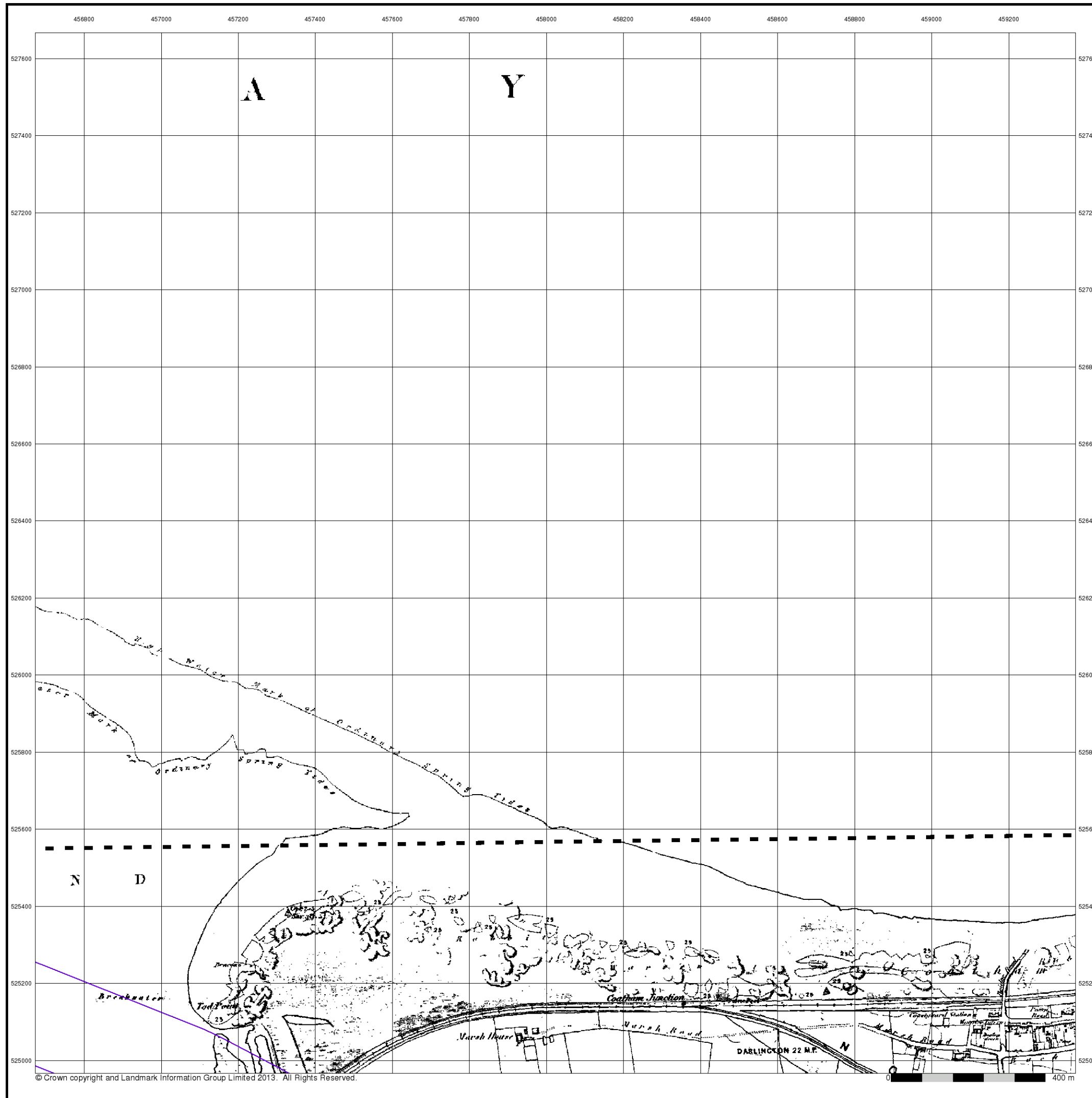


Order Details

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 National Grid Reference: 456900, 525060
 Slice: D
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



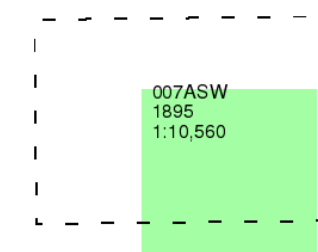
Yorkshire

Published 1895

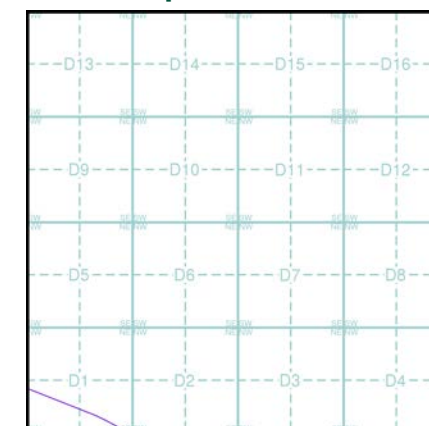
Source map scale - 1:10,560

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 D

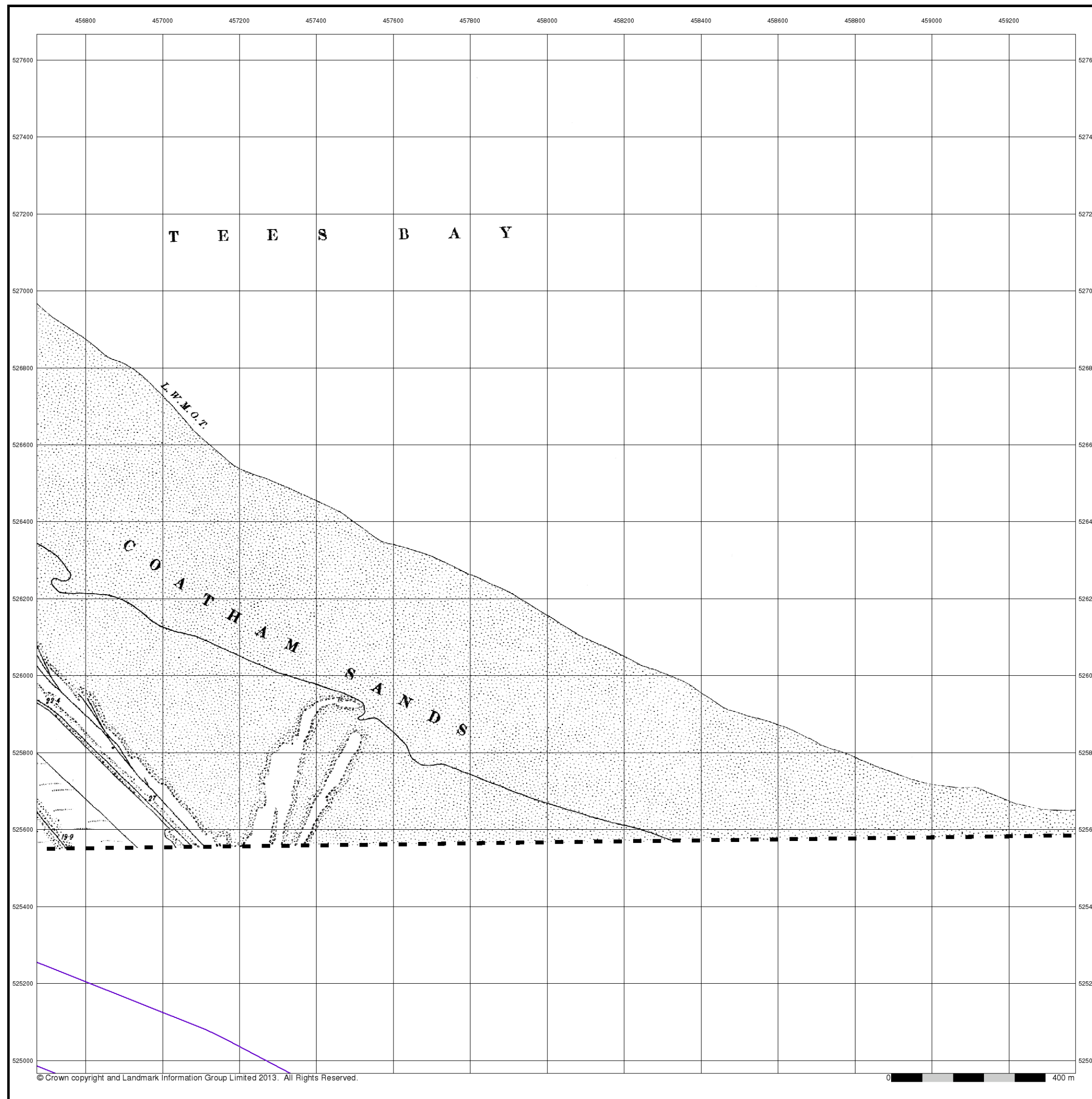


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
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 Slice: D
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



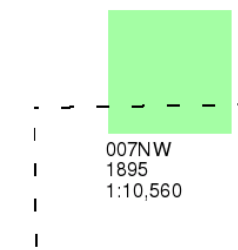
Yorkshire

Published 1895

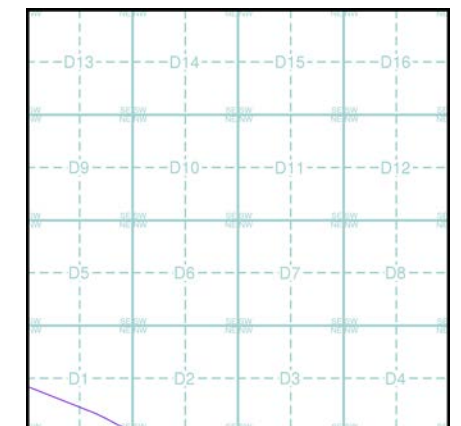
Source map scale - 1:10,560

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 D

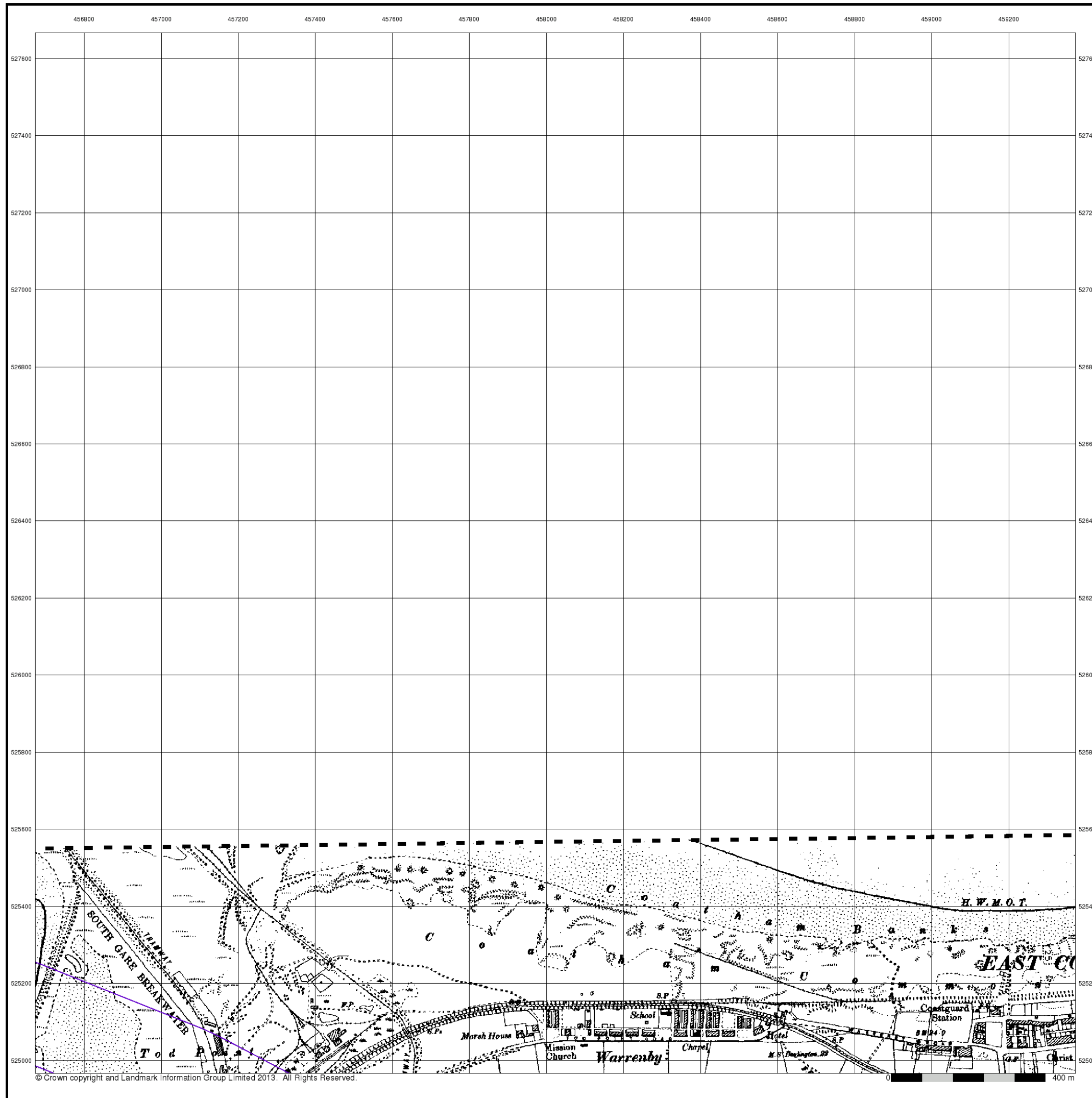


Order Details

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Site Details

Site at, Bran Sands, Redcar & Cleveland



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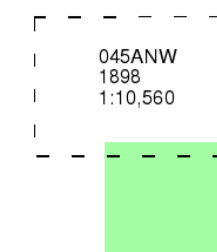
Durham

Published 1898

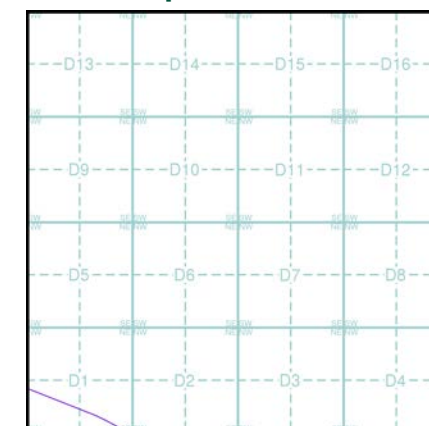
Source map scale - 1:10,560

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 D

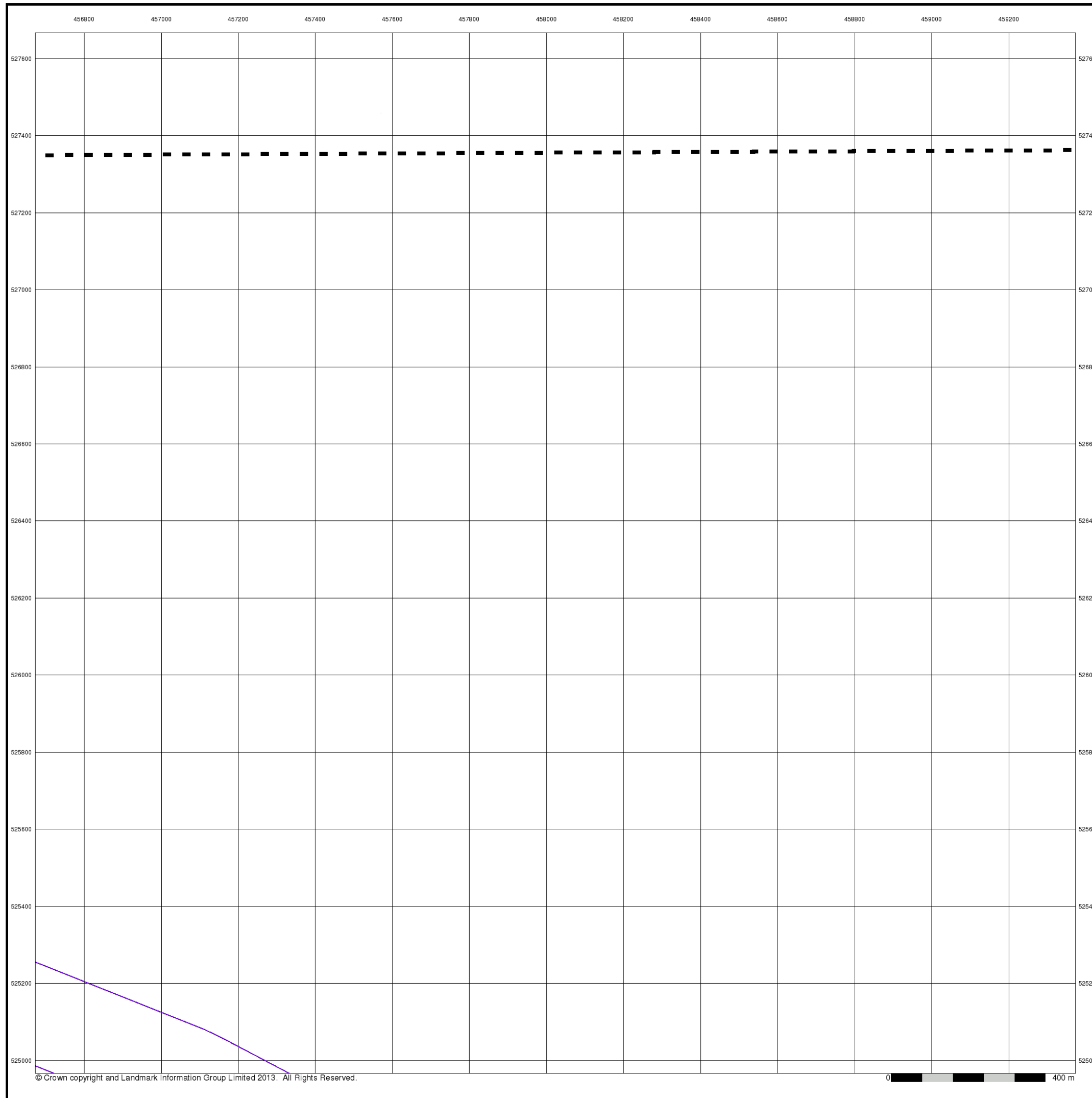


Order Details

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Site Details

Site at, Bran Sands, Redcar & Cleveland



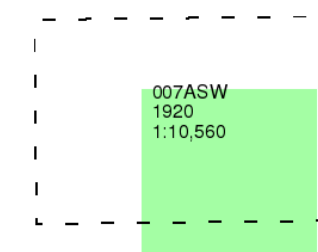
Yorkshire

Published 1920

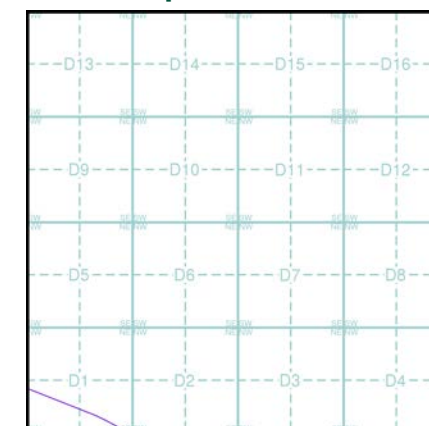
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice D

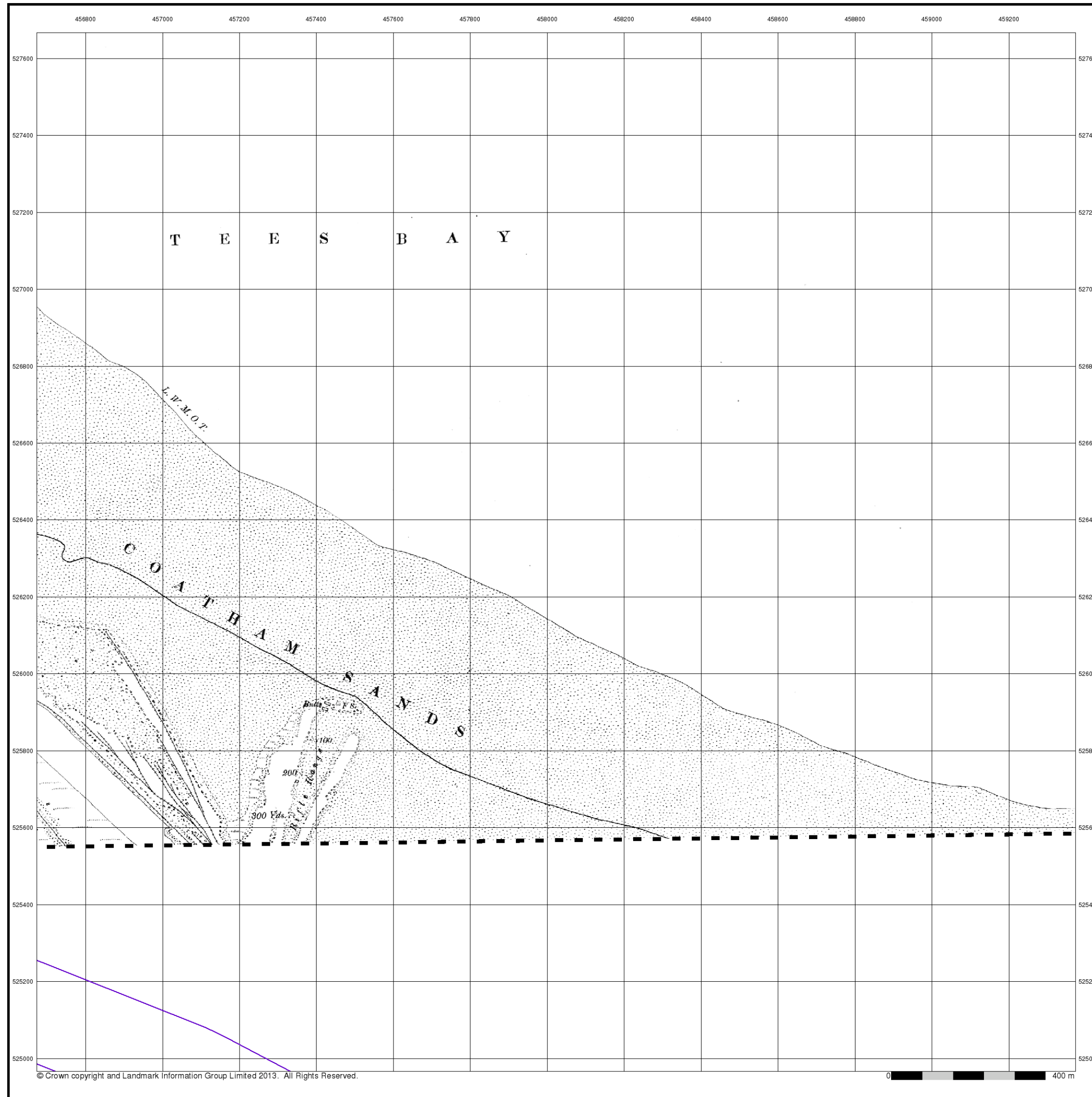


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Site Details

Site at, Bran Sands, Redcar & Cleveland



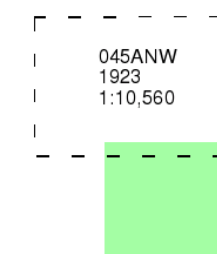
Durham

Published 1923

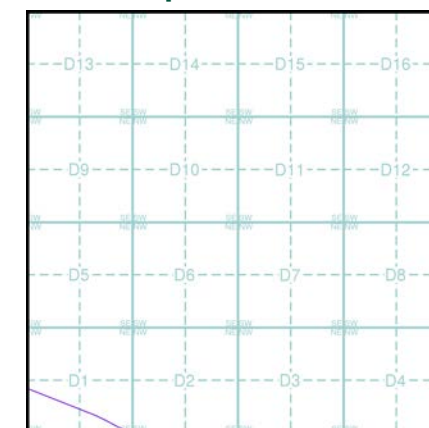
Source map scale - 1:10,560

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 D

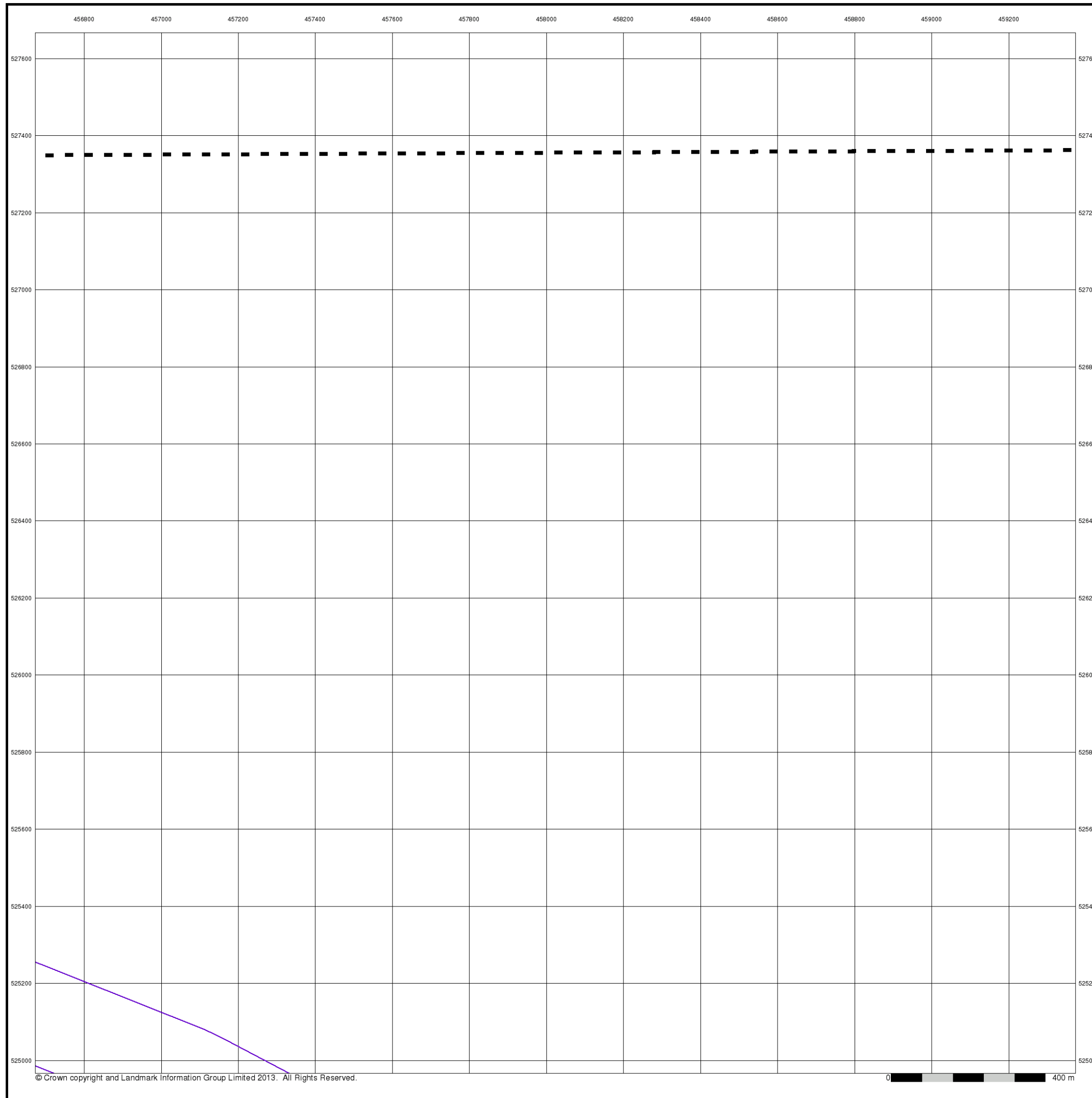


Order Details

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Site Details

Site at, Bran Sands, Redcar & Cleveland



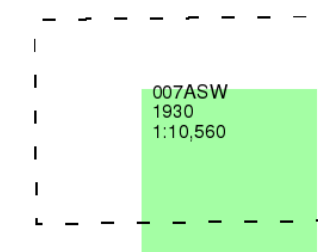
Yorkshire

Published 1930

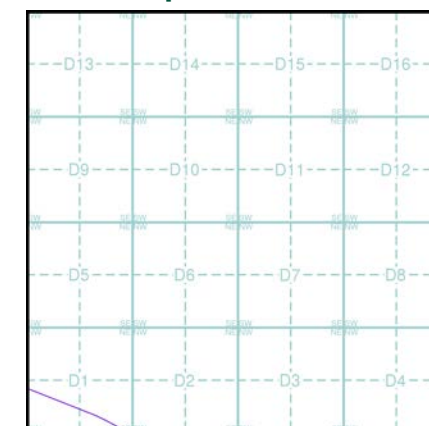
Source map scale - 1:10,560

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 D

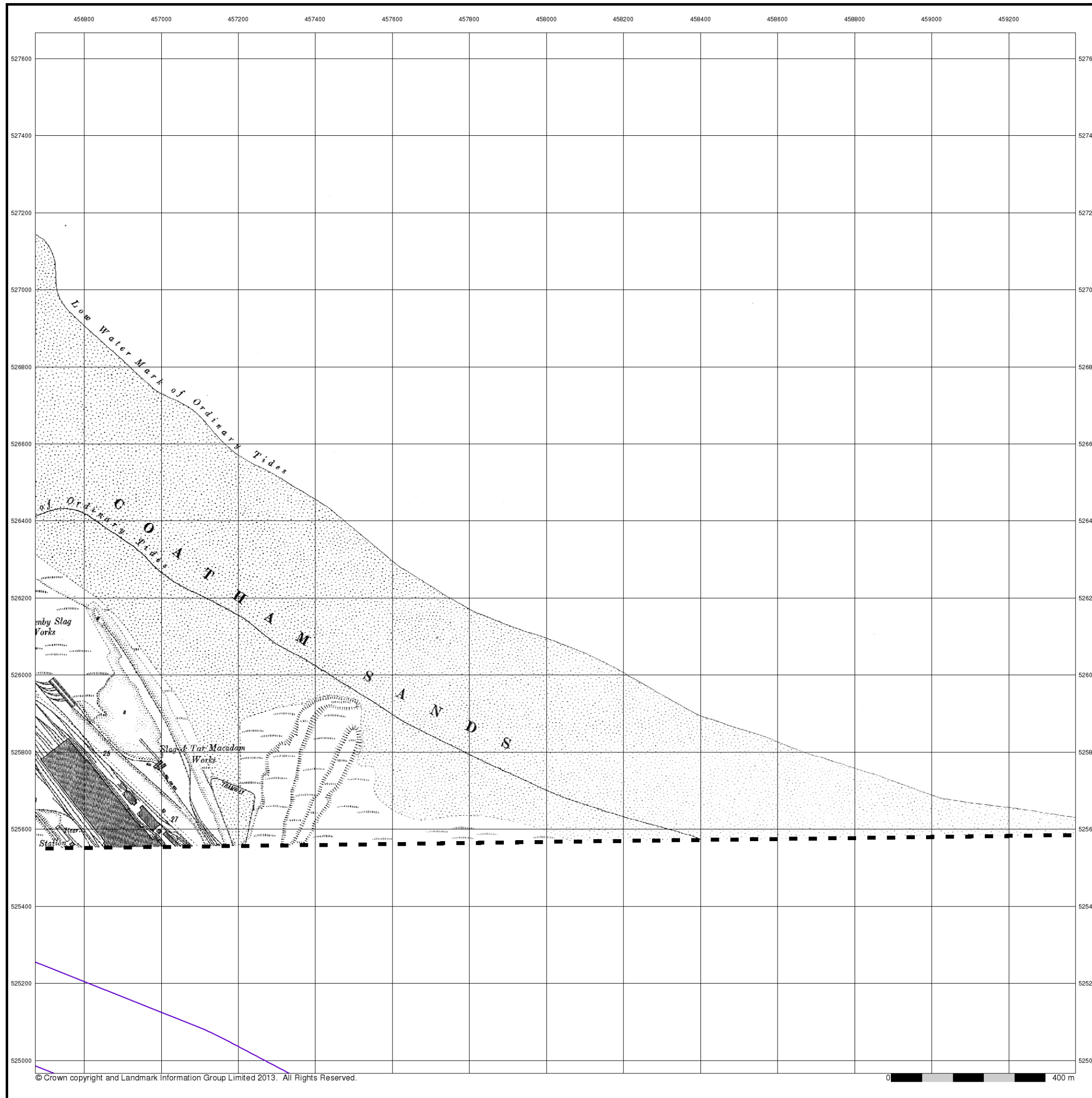


Order Details

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Site Details

Site at, Bran Sands, Redcar & Cleveland



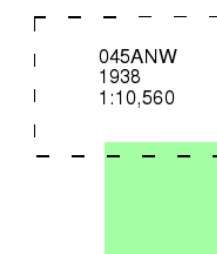
Durham

Published 1938

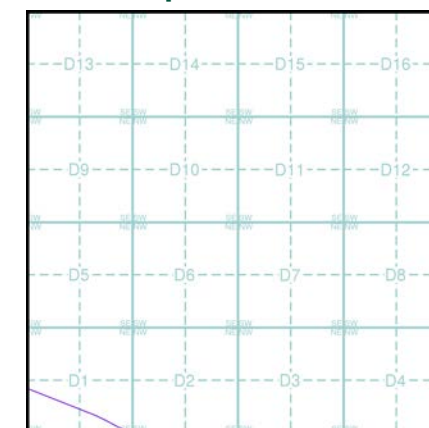
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Map Name(s) and Date(s)



Historical Map - Slice D

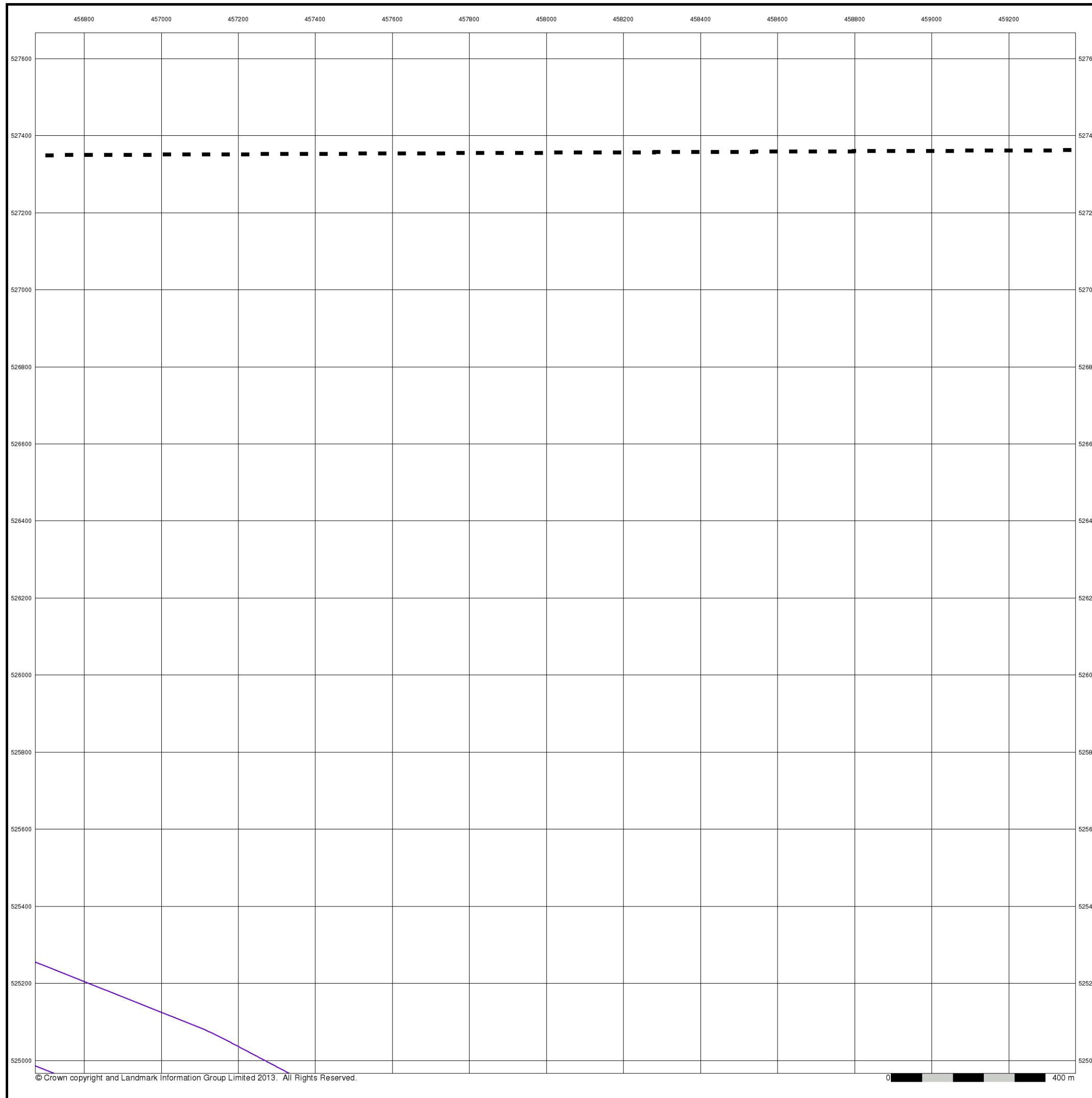


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Site Details

Site at, Bran Sands, Redcar & Cleveland



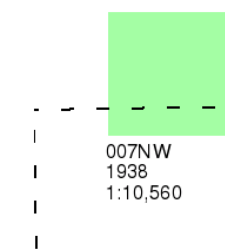
Yorkshire

Published 1938

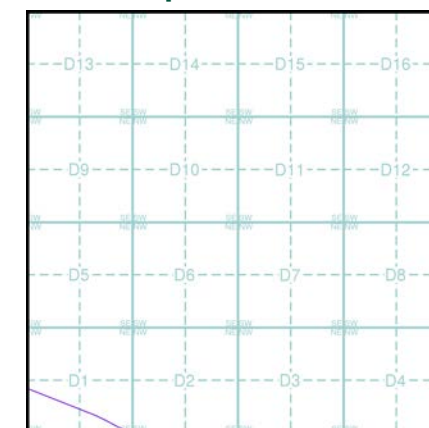
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice D

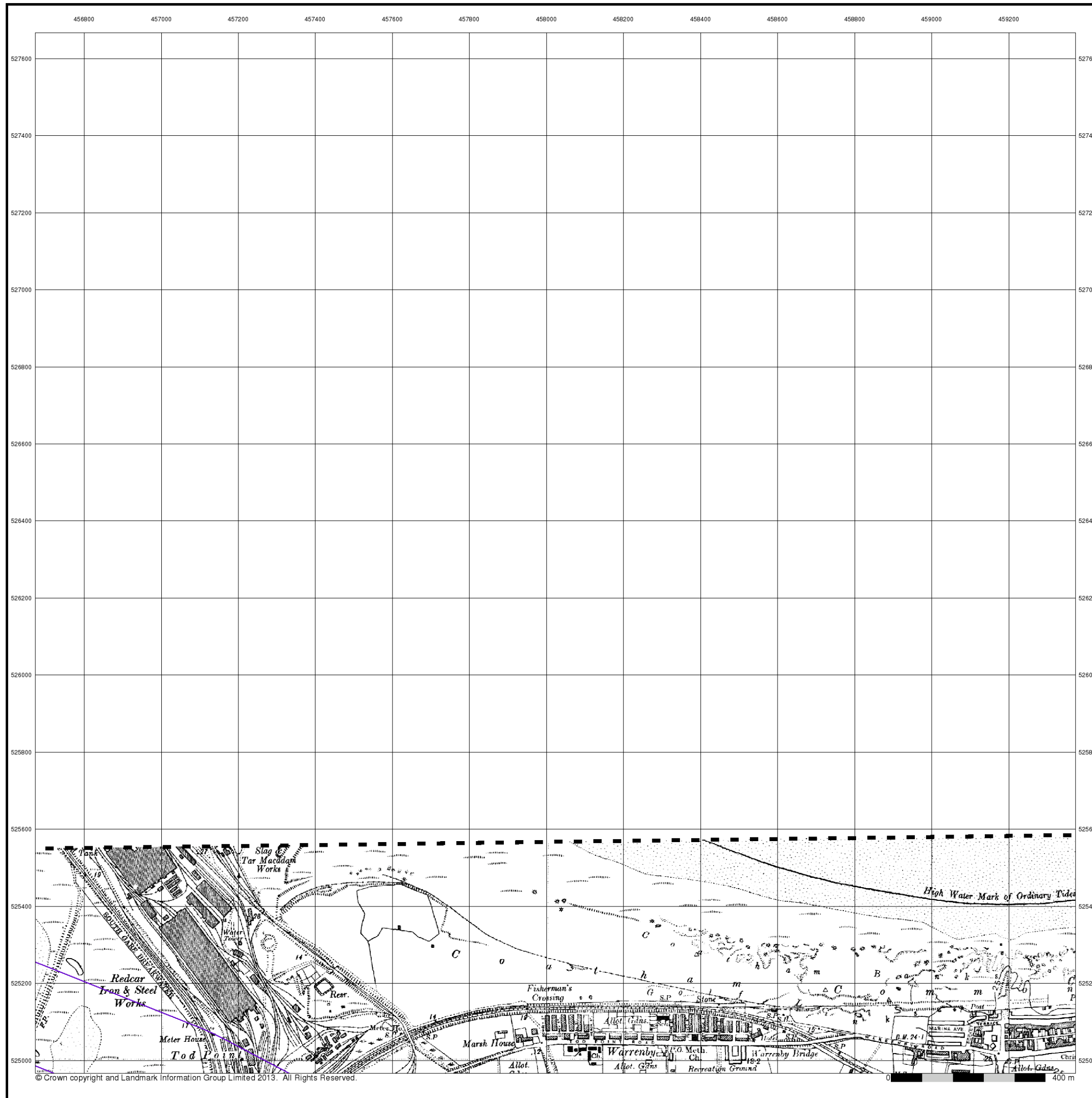


Order Details

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Site Details

Site at, Bran Sands, Redcar & Cleveland



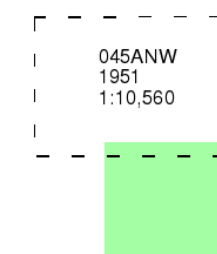
Durham

Published 1951

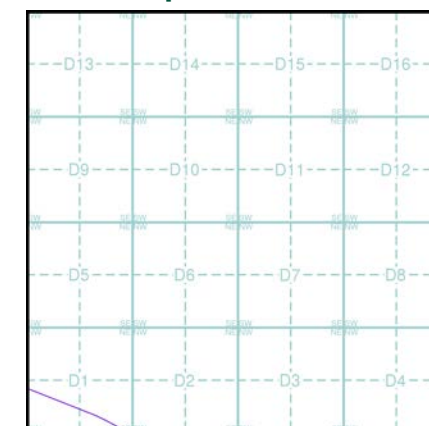
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice D

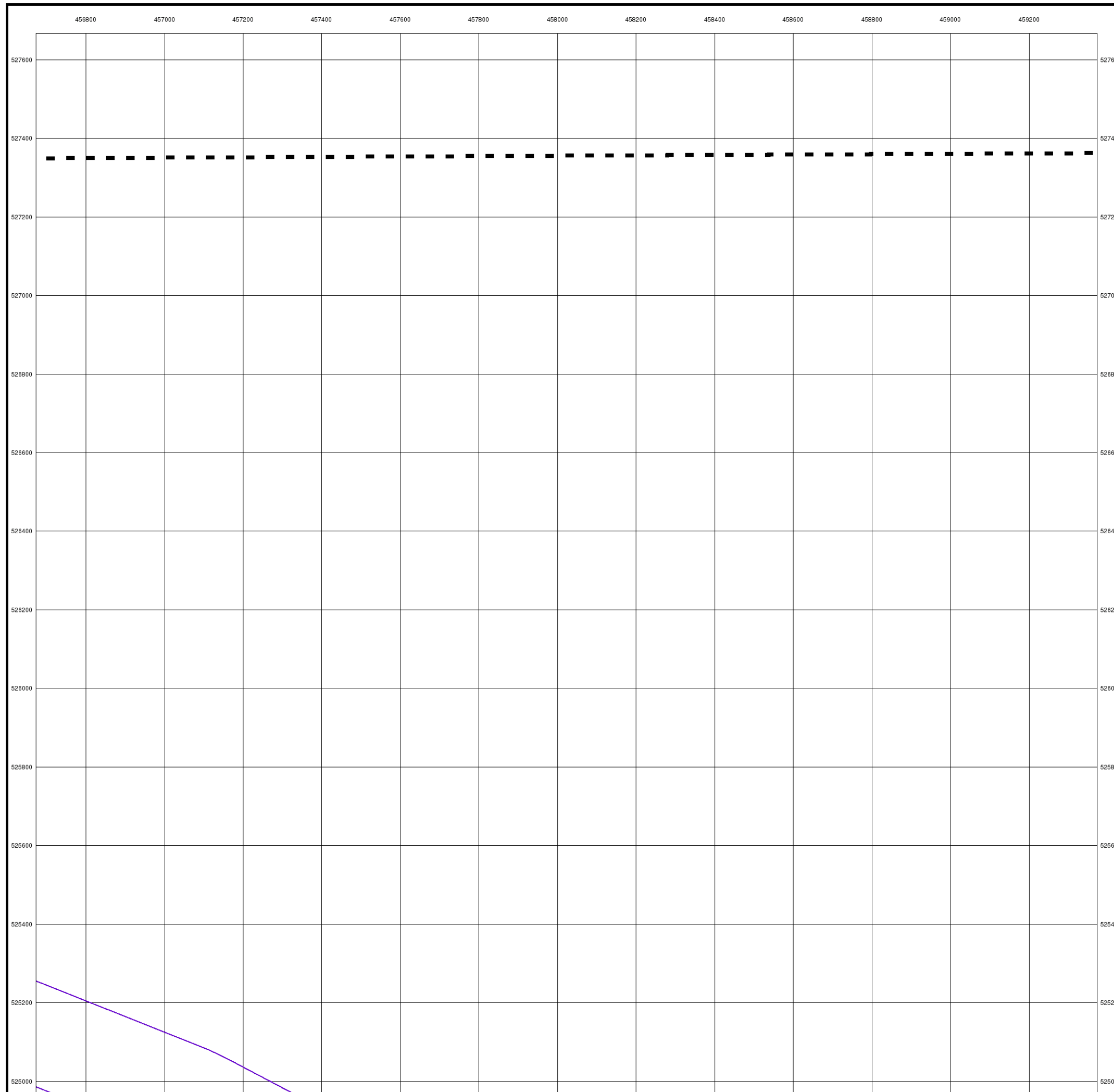


Order Details

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Site Details

Site at, Bran Sands, Redcar & Cleveland



Ordnance Survey Plan

Published 1953

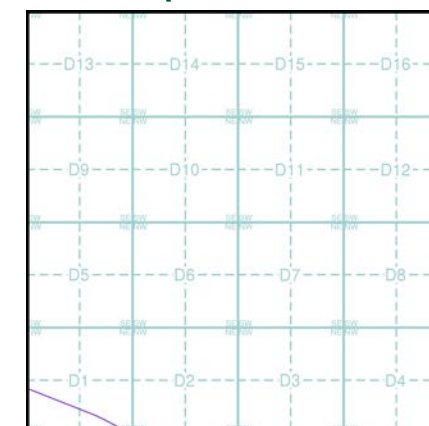
Source map scale - 1:10,000

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Map Name(s) and Date(s)

NZ52NE	1953
1:10,560	
NZ52SE	1953
1:10,560	

Historical Map - Slice D

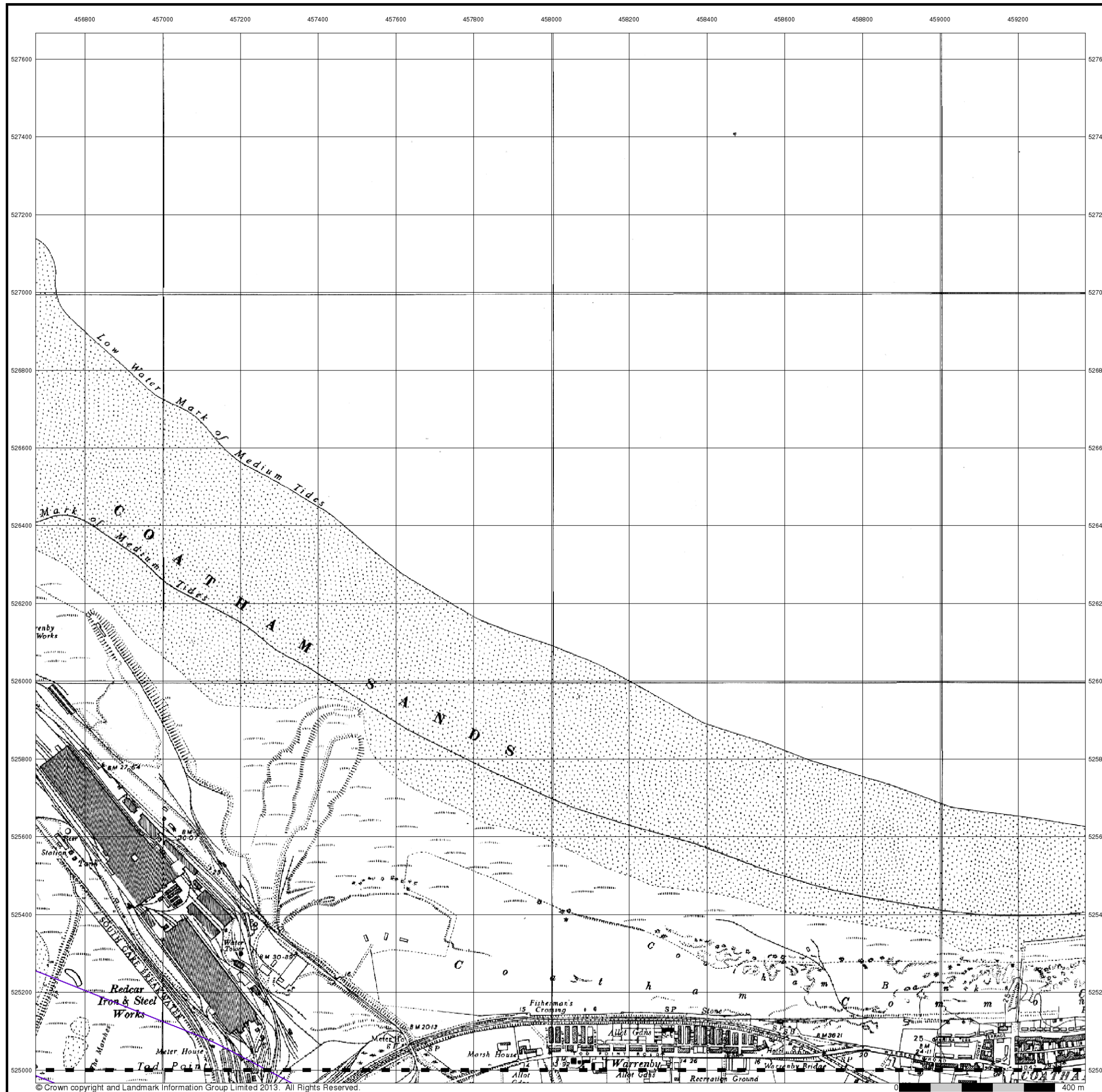


Order Details

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Site Details

Site at, Bran Sands, Redcar & Cleveland



Ordnance Survey Plan

Published 1970 - 1976

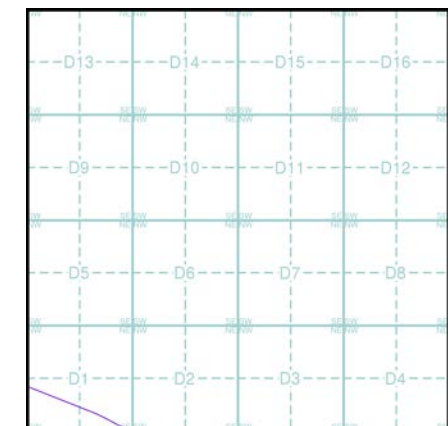
Source map scale - 1:10,000

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)

NZ52NE	1970
1:10,560	
NZ52SE	1976
1:10,000	

Historical Map - Slice D

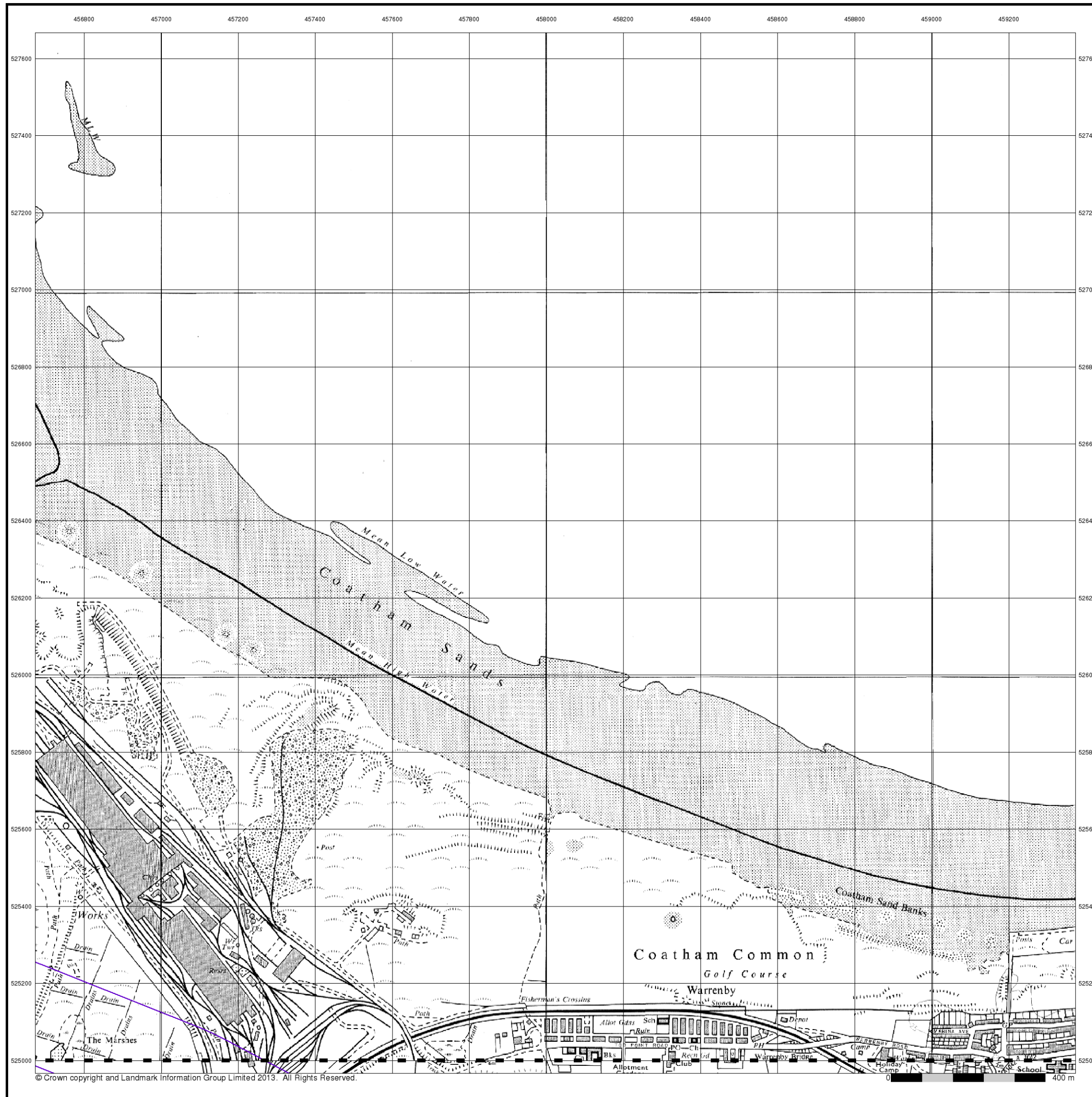


Order Details

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 National Grid Reference: 456900, 525060
 Slice: D
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



Middlesbrough

Published 1975

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.

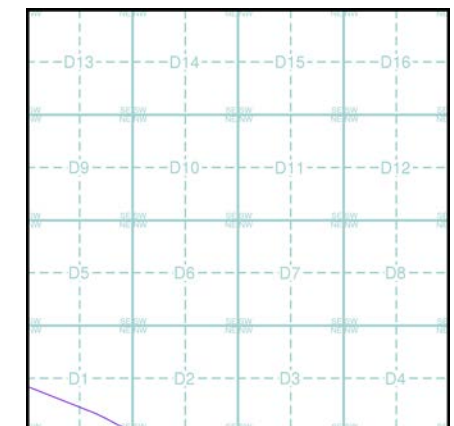
They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)

NZ52NE
1975
1:10,000

NZ52SE
1975
1:10,000

Russian Map - Slice D

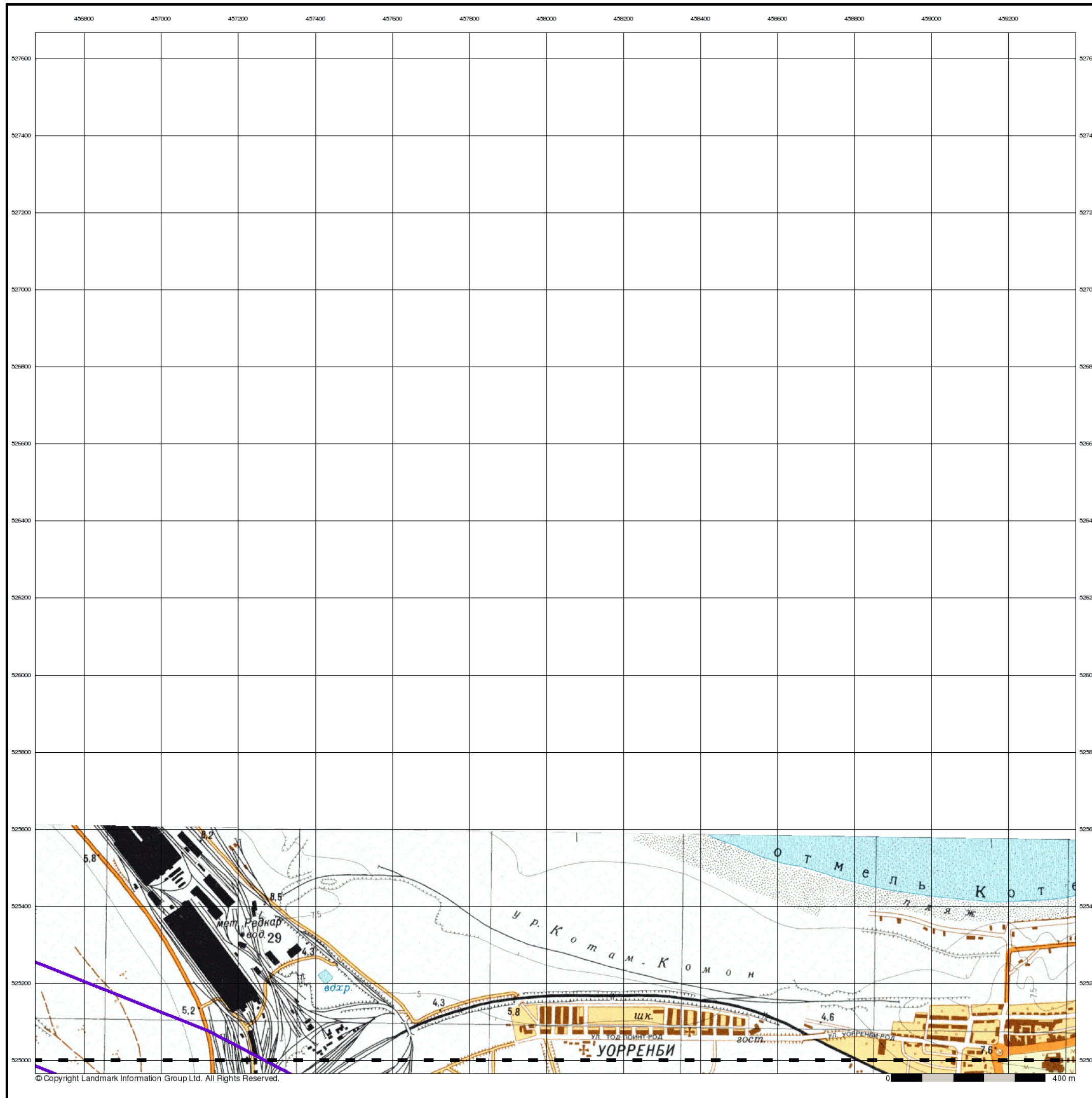


Order Details

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Site Details

Site at, Bran Sands, Redcar & Cleveland



Ordnance Survey Plan

Published 1982 - 1985

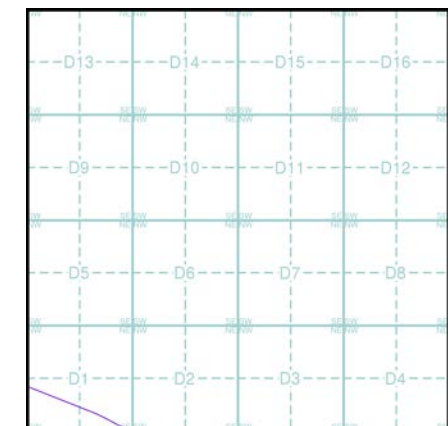
Source map scale - 1:10,000

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)

NZ52NE	1982	1:10,000
NZ52SE	1985	1:10,000

Historical Map - Slice D

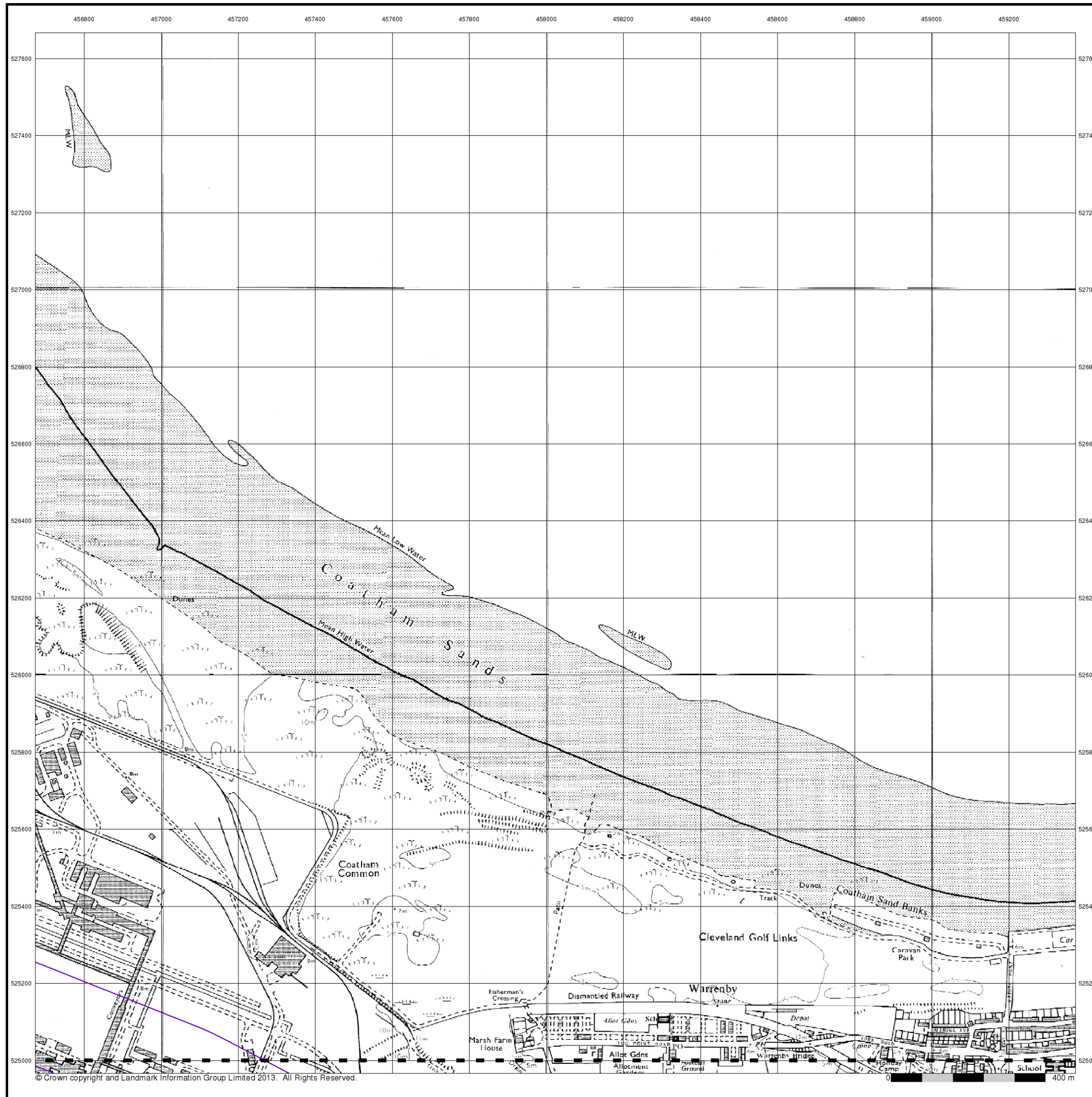


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Site Details

Site at, Bran Sands, Redcar & Cleveland



Middlesbrough

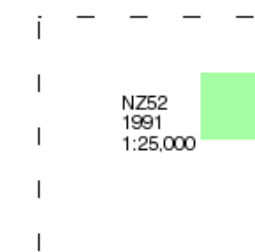
Published 1991

Source map scale - 1:25,000

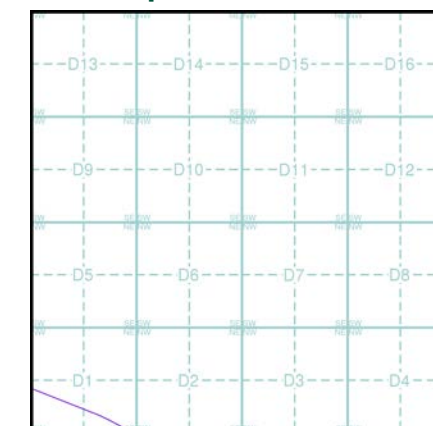
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed 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.

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Map Name(s) and Date(s)



Russian Map - Slice D

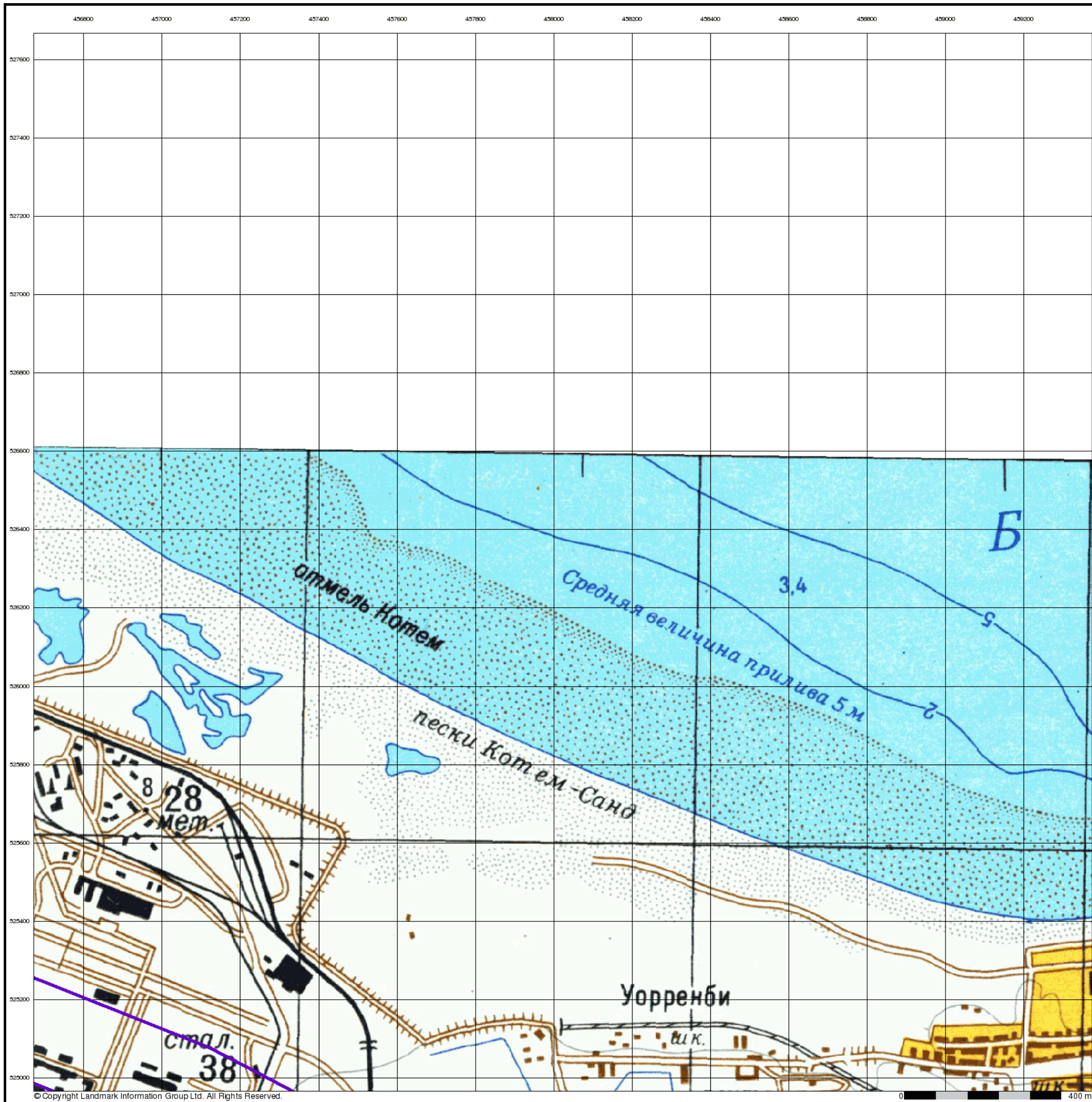


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Site Details

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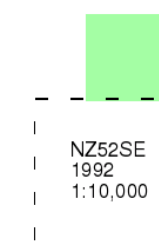
Ordnance Survey Plan

Published 1992

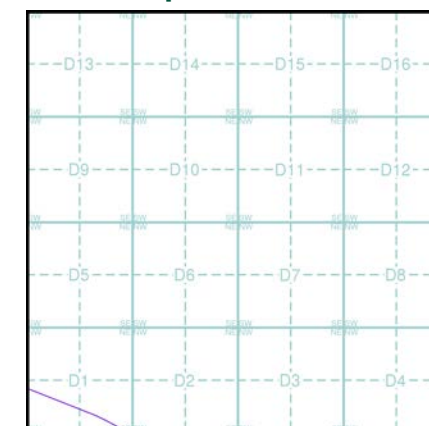
Source map scale - 1:10,000

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 D

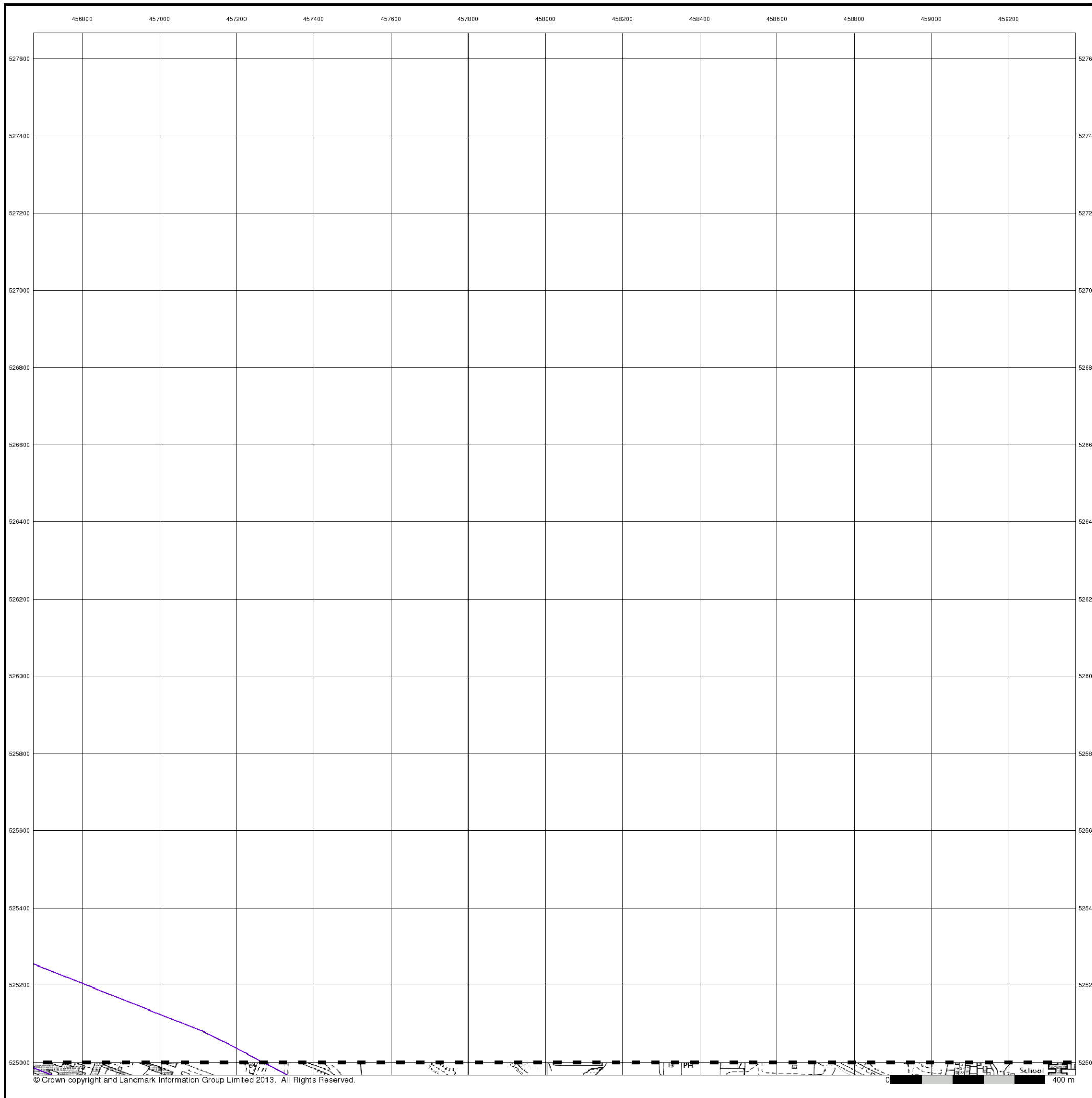


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 456900, 525060
 Slice: D
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



10k Raster Mapping

Published 2006

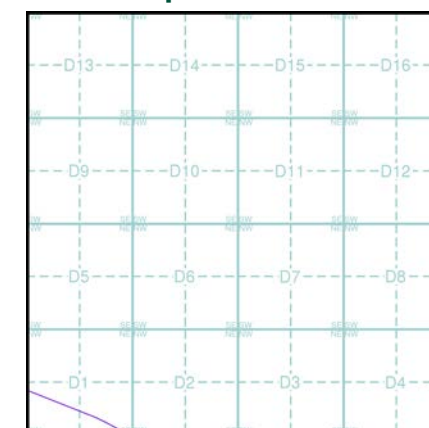
Source map scale - 1:10,000

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)

NZ52NE	2006	1:10,000
NZ52SE	2006	1:10,000

Historical Map - Slice D

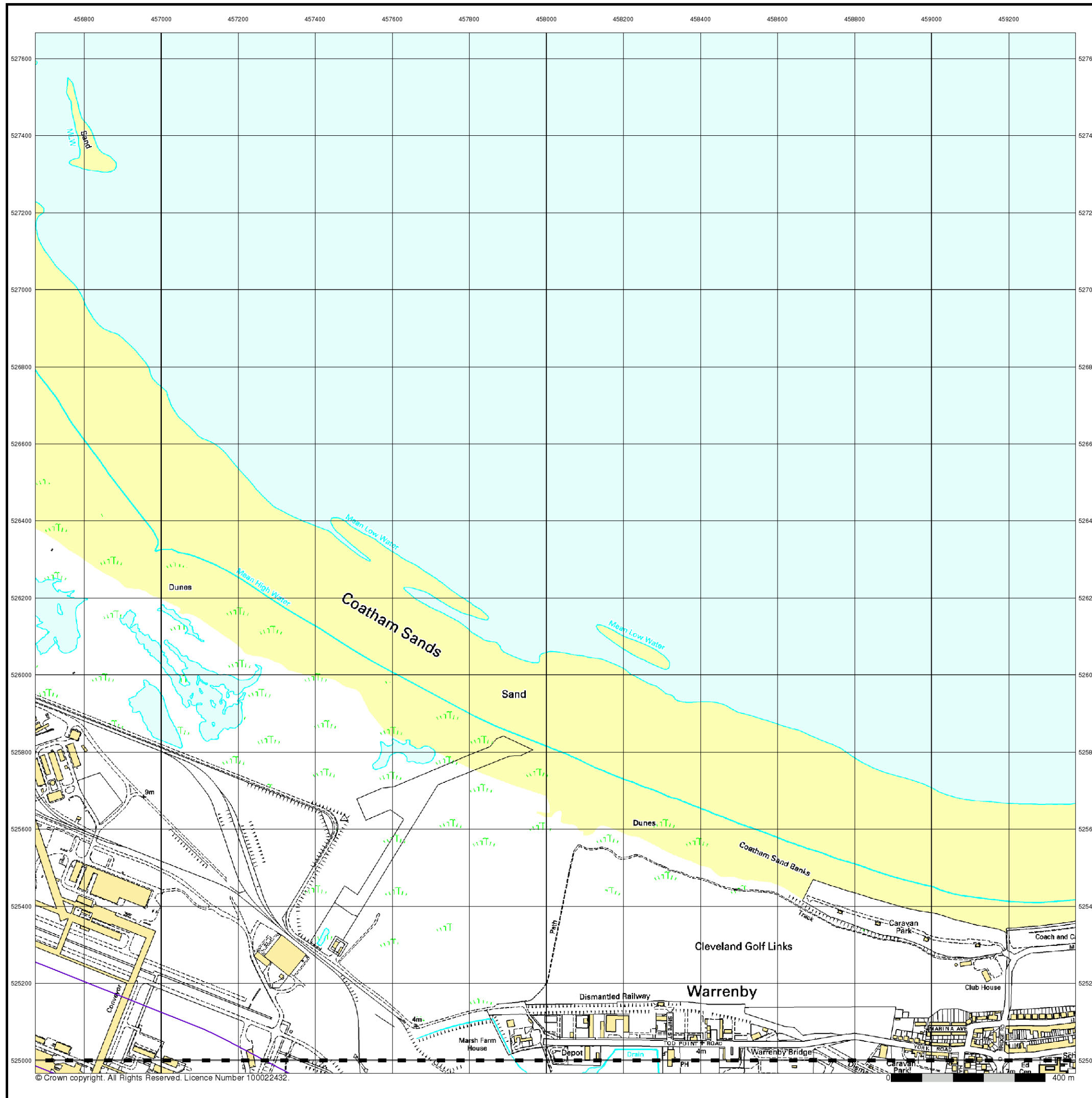


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 456900, 525060
 Slice: D
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland



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10k Raster Mapping

Published 2013

Source map scale - 1:10,000

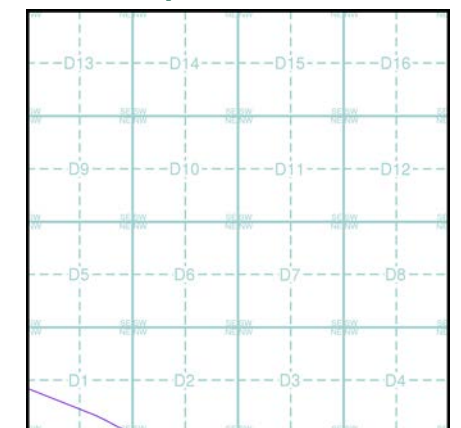
The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks 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)

NZ52NE
2013
1:10,000

NZ52SE
2013
1:10,000

Historical Map - Slice D

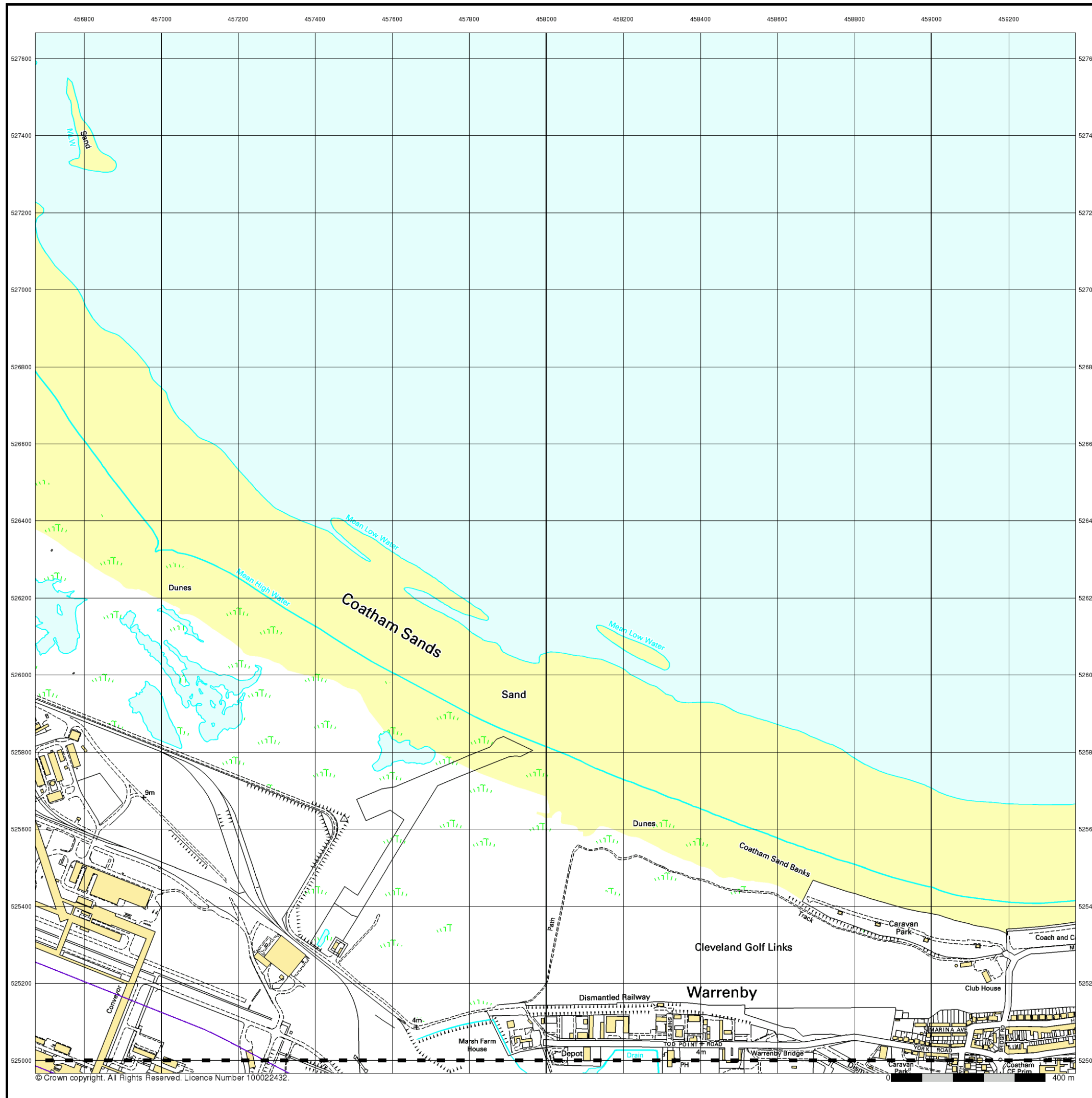


Order Details

Order Number: 51235247_1_1
 Customer Ref: 9Y0989-105-100
 National Grid Reference: 456900, 525060
 Slice: D
 Site Area (Ha): 195.25
 Search Buffer (m): 500

Site Details

Site at, Bran Sands, Redcar & Cleveland





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Appendix C

Photographic Survey

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View of Area I Site



View of Area I site



Ponds, centre of Area I Site



Area E



Flare system



Landfill (Off-Site)



Dabholm Gut



Dabholm Gut (outfalls)



Existing roadway (possible conveyor link)



Lagoon (off-site)



Berth



Berth



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Appendix D

BGS Logs



**British
Geological Survey**

NATURAL ENVIRONMENT RESEARCH COUNCIL

BGS ID: 718379 : BGS Reference: NZ52NE60

British National Grid (27700) : 455905,525053

[Report an issue with this borehole](#)

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Location No. 6039 REDCAR STAGE 2

Coords: 1600 E, 0020 N

Carried out for W.S. Atkins and Partners

Shell and auger boring: 250mm casing to 9.0m

Date 26th - 28th September 1972

Rotary Core drilling: 131mm hole diameter, water f

© Soil Mechanics Limited

Description	Reduced Level: m	Legend	Sample	Depth (metres)	Thickness (metres)	Standard Penetration test		Remarks
						Depth and Penetration	No. of Blows (N)	
Ground Level (m. above N.D.)	6.96			0.00				
Gravel and cobble sized SLAQ (FILL)		[Cross-hatched pattern]						
			1			1.65 300	21	S.P.T. Cone
			X					
			2		6.50	3.15 300	25	S.P.T. Cone
			3			6.15 300	11	Water encountered ← S.P.T. Cone
Light brown fine and medium SAND with occasional shell fragments	0.46	[Dotted pattern]	4	6.50		6.65 300	7	
			5					
			6		2.30	7.65 300	9	
Brown silty CLAY with a trace of subrounded and subangular fine and medium gravel (BOULDER CLAY)	-1.24	[Horizontal line pattern]	7	8.80				
	-2.04		8	9.00	0.20			
ROCK DESCRIPTION								
MAIN		DETAIL						
Highly weathered dark grey very weak MUDSTONE (LOWER LIAS)		Partly reduced to silty clay						
		moderately weak calcareous siltstone						
			9	9.50				END OF BORING
						If mm	1500 (10)	
					2.30	20 (3-100)	0.13 (1-2)	

⊖ Disturbed Sample

⊕ Bulk Sample

⊔ Tube or Core Sample (Length to scale)

W Water Sample

Scale 1:50



Continuation Log for Borehole No 3651

sheet 2 of 2

Location No. G039 REDCAR

Description		Reduced Level: m	Legend	Sample	Depth (metres)	Thickness (metres)	If mn	I ₉₀ MN/m ²	RQD%	CR%
MAIN	DETAIL				11.00					
MUDSTONE (as sheet)		-4.34			11.30					
Thinly laminated dark grey very weak MUDSTONE with silt along partings and bands of calcareous moderately w st . siltstone (LOWER LIAS)	Moderately weathered Moderately fractured					3.18			8	77
	siltstone								7	100
	siltstone	-7.52			14.48				33	83
	Slightly weathered Occasional vertical major joints					1.32 penetrated	30 (8-60)	-	0	92
	siltstone	-8.84			15.80					
			END OF BOREHOLE AT 15.80m							



(48/2714) Ws. 12760/47 5000 12/36 M. & St., Ltd. Q 68.

NZ 52 SE / 22 ✓

SECTION OF T.C.C. Bore at Dabholm Gut, Teasford

Six-inch Map (County and Quarter Sheet) NZ 52 SE

		Thickness.			Depth from Surface.		
		Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
	<u>No. 21</u> - 3.0' O.D.						
	River sand, shelly, on shelly silt		17		17	0	
	Brown clay		2	6	19	6	
a	Red-brown clay with small stones		1	6	21	0	
-2	Brown sand, with some clay & stones		3	0	24	0	
	Red & green clay		1	+	25	-	
	<u>No. 22</u> - 0.5' O.D.						
	River sand, shelly		6	6	6	6	
	Brown silty clay		2	6	9	0	
b	Red-brown to grey clay with stones		8	0	15	0	
	Brown clay with fine yellow sand		4	6	19	6	
	Red-brown clay with shale inclusions		5	6	25	-	
	<u>No. 23</u> - 3.4' O.D.						
	River sand, shelly		6	0	6	0	
	Soft grey silty clay		4	6	10	6	
c	Fine brown clay, increasingly reddish downwards. Some white shale inclusions near base		4	6	25	-	
	<u>No. 20</u> (just onto NZ 52 SW).						

-8.0' O.D.

Blue mud, shelly, on river sand

Sand and gravel, shelly

Red and green shale

12 6

1 0

23 6+

12 6

13 6

37 0



**British
Geological Survey**

NATURAL ENVIRONMENT RESEARCH COUNCIL

BGS ID: 796776 : BGS Reference: NZ52SE51

British National Grid (27700) : 456991,524582

[Report an issue with this borehole](#)

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Soil Mechanics

NZ 52(SE)/51
 Log for Borehole No 3001
 COMMERCIAL IN CONFIDENCE
 sheet 1 of 3

British Geological Survey
 Location No. 6039 REDCAR STAGE 2
 Carried out for W.S. Atkins and Partners
 Date 3rd-11th August, 1972

Coords: 2800E 10016N
 Shell and auger boring: 250mm casing to 14.5m
 Rotary core drilling: 105mm hole diameter, air flush

Description	Reduced Level: m	Legend	Sample	Depth: (metres)	Thickness (metres)	Standard Penetration test		Remarks
						Depth and Penetration	No. of Blows (N)	
Ground Level (m. Above N.D.)	5.16		Survey	0.00				Geological Survey
Gravel to boulder sized SLAQ with a trace of dark grey-brown silty clay. (FILL)						1.70	39	
						4.50		
Dark brown-grey fine and medium SAND with occasional shell fragments	0.66			4.50	0.50	4.70	3	
	0.16			5.00		300		
Dark grey clayey coarse SILT and fine SAND with occasional shell fragments	-0.64			5.60	0.80			
						6.20	300	5
Dark grey-brown clayey silty fine with a little medium SAND with occasional shell fragments pockets of sandy silt						2.00		
	-2.64			7.80		7.70	300	4
Soft to firm dark grey-brown structureless silty CLAY flecked with black carbonaceous matter and occasional pockets of green-grey fine sand (ESTUARINE DEPOSIT)						1.90		
	-4.54			9.70				
Firm to stiff dark brown and grey mottled sandy silty CLAY with a little subangular siltstone and coal gravel. (BOULDER CLAY)						2.50		

⊙ Disturbed Sample ⊕ Bulk Sample ▮ Tube or Core Sample (Length to scale) W Water Sample

Scale 1:50



Continuation Log for Borehole No 3001

Location No. G039 REDCAR

sheet 3 of 3

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Description		Reduced Level: m	Legend	Sample	Depth (metres)	Thickness (metres)	If mm	ISO M/M%	ROD%	CR%
MAIN	DETAIL				23.00					
MUDSTONE (as sheet 2)	shell band		[Symbol]							
	shell band		[Symbol]							
	60 major joint		[Symbol]							
	shell band		[Symbol]						78	97
	vertical major joint		[Symbol]							
	horizontal major joint horizontal major joint		[Symbol]							
	shell band		[Symbol]						60	81
		-23.04			23.20					
			END OF BOREHOLE AT 23.20m							
Water Levels During Boring and Drilling										
Date	Time	Depth of Borehole	Depth of Casing	Depth to Water						
3.8.72	18.30	4.5m	4.5m	4.0m						
4.8.72	08.00	4.5	4.5	3.0						
10.8.72	08.00	14.5	14.0	2.1						
11.8.72	08.00	21.7	14.0	2.1						
11.8.72	18.30	28.2	14.0	2.1						

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Appendix E

Limitations

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LIMITATIONS

This report has been prepared by Royal HaskoningDHV with all reasonable skill and care, within the terms of the contract with the Client.

The direct assessments and judgements given in this report are limited by both the finite data on which they are based and the proposed works to which they are addressed. The acquisition of data is constrained by both physical and economic factors and, by definition, is subject to limitations. Conditions at the site will change over time due to natural variations and may be affected by human activities.

This document has been prepared for the titled project and should not be relied upon or used for any other project. Royal HaskoningDHV accepts no responsibility or liability for the consequences of this document being used for a purpose other than that purpose for which it was commissioned. The assessments and judgements contained herein should not be relied upon as legal opinion.

The findings and opinions are relevant to the dates of the site visit and information reviewed and should not be relied upon to represent conditions at substantially later dates. The opinions included herein are based on the information obtained from the assessments undertaken at the site and from the experience of the reviewers. If additional information becomes available which may alter the conclusions, Royal HaskoningDHV requests the opportunity to review the information, re-assess the potential concerns and modify its opinion, if warranted.

This report has utilised data within an Envirocheck report provided by Landmark and other publicly available sources such as the Environment Agency database and Local Authority databases. Therefore, the study is limited by the age and limitations inherent in the data described.

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