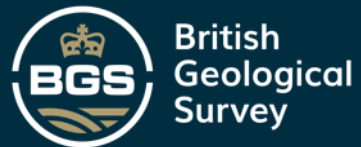




MIKE HOWE, *CHIEF CURATOR*, BGS

Key Online BGS Information Resources – Part 2



Offshore GeoIndex

GeoIndex (offshore)

BGS Map Viewers

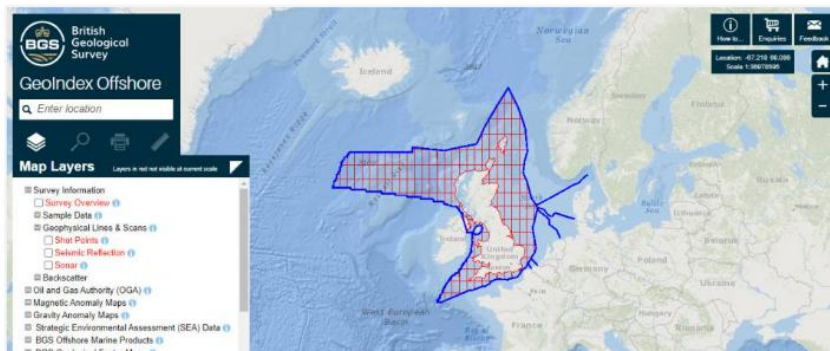
Share this article



Contents

- Overview
- Survey information attributes
- Terms of use
- You may also be interested in

The offshore GeoIndex shows the range of marine geoscience data we hold within the National Geoscience Data Centre (NGDC). This is primarily shallow geology and geophysics data collected as either part of regional or local mapping work, or provided to us by third parties. The BGS is the Marine Environment Data and Information Network (MEDIN) data archive centre (DAC) for geology, geophysics and backscatter.



Q Enter location

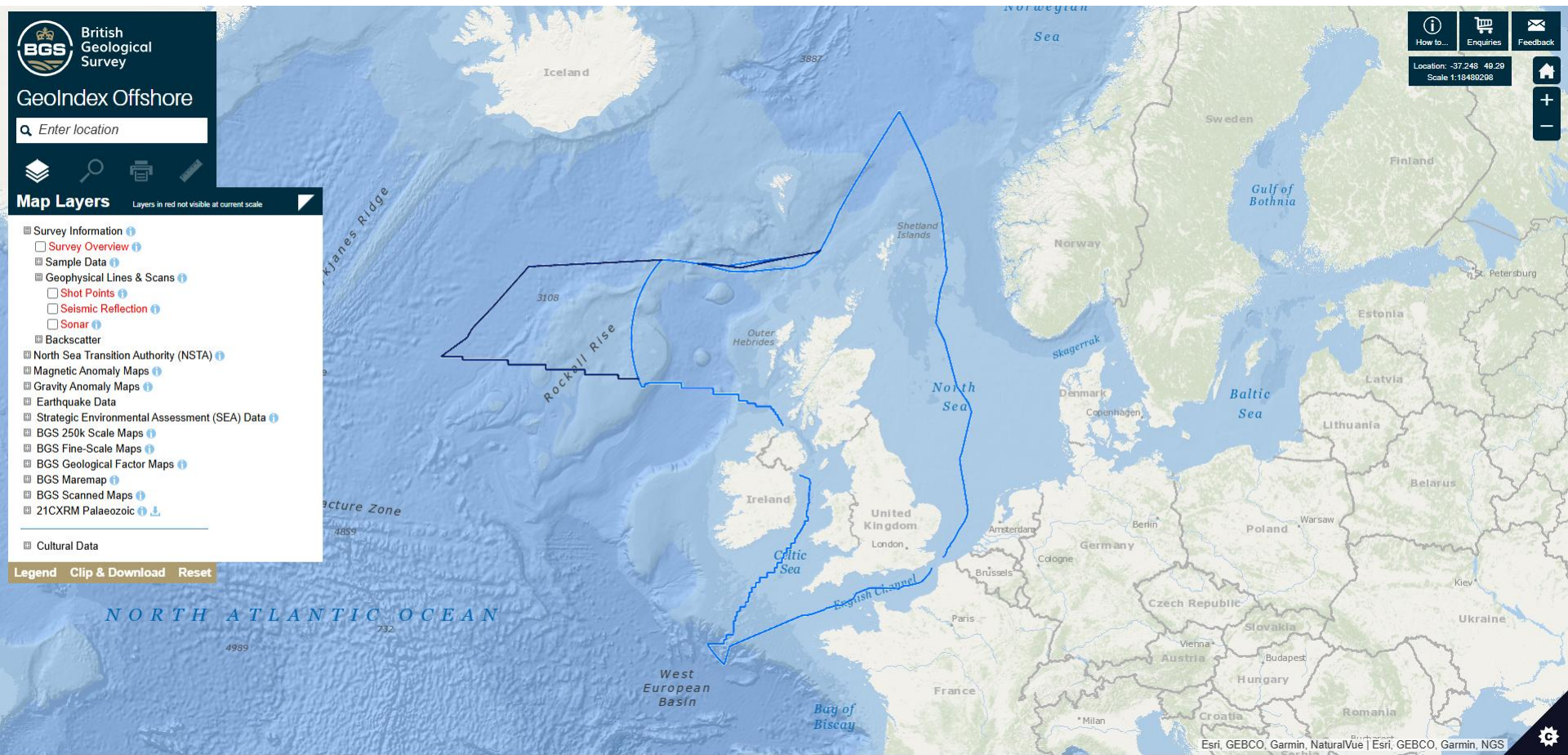


Map Layers

Layers in red not visible at current scale

- ☒ Survey Information
 - ☐ Survey Overview
 - ☒ Sample Data
 - ☒ Geophysical Lines & Scans
 - ☐ Shot Points
 - ☐ Seismic Reflection
 - ☐ Sonar
 - ☒ Backscatter
- ☒ North Sea Transition Authority (NSTA)
- ☒ Magnetic Anomaly Maps
- ☒ Gravity Anomaly Maps
- ☒ Earthquake Data
- ☒ Strategic Environmental Assessment (SEA) Data
- ☒ BGS 250k Scale Maps
- ☒ BGS Fine-Scale Maps
- ☒ BGS Geological Factor Maps
- ☒ BGS Maremap
- ☒ BGS Scanned Maps
- ☒ 21CXRM Palaeozoic
- ☒ Cultural Data

Legend Clip & Download Reset

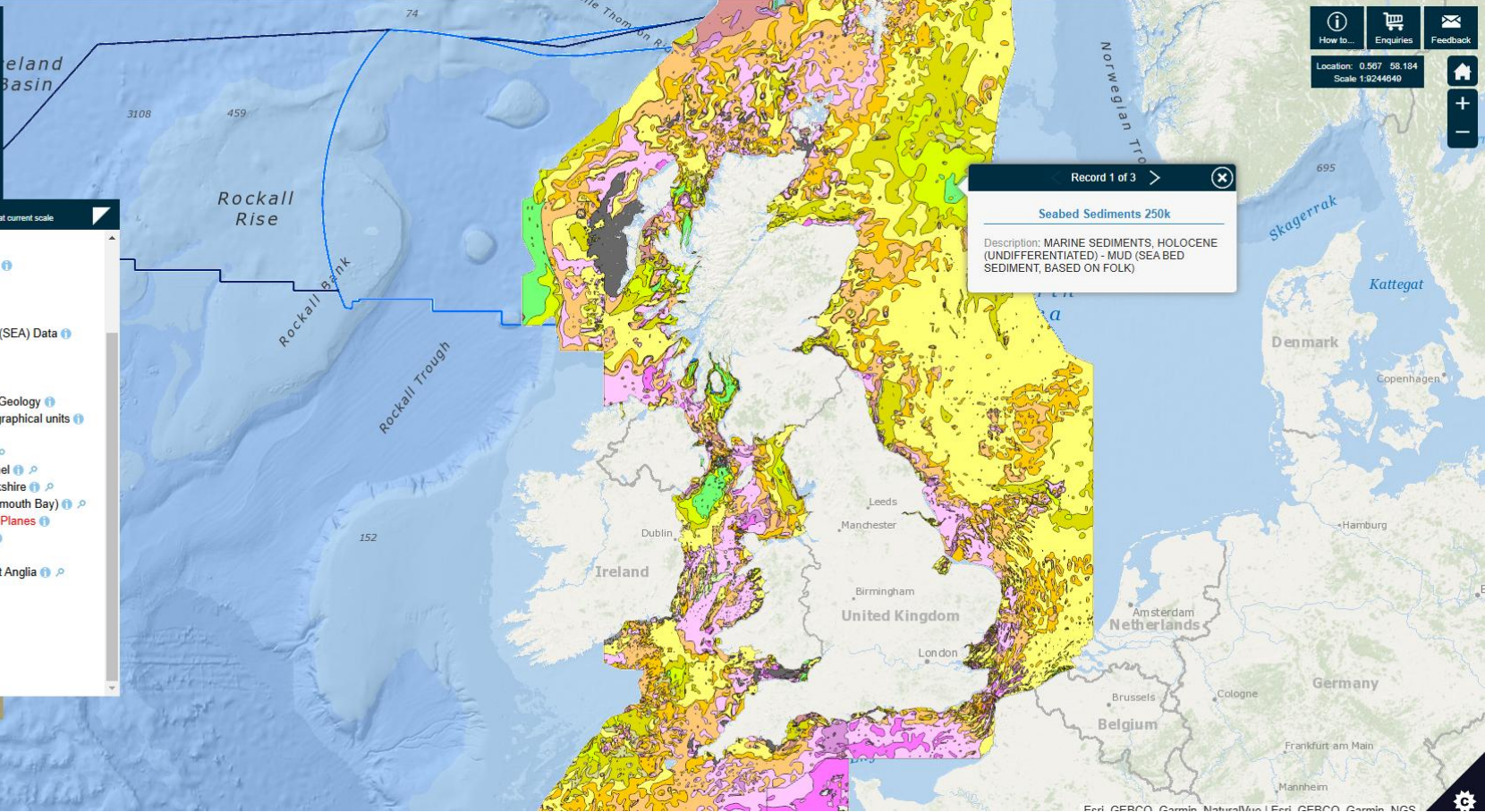


How to... Enquiries Feedback

Location: -37.248 49.29
Scale 1:18480298

Home + -

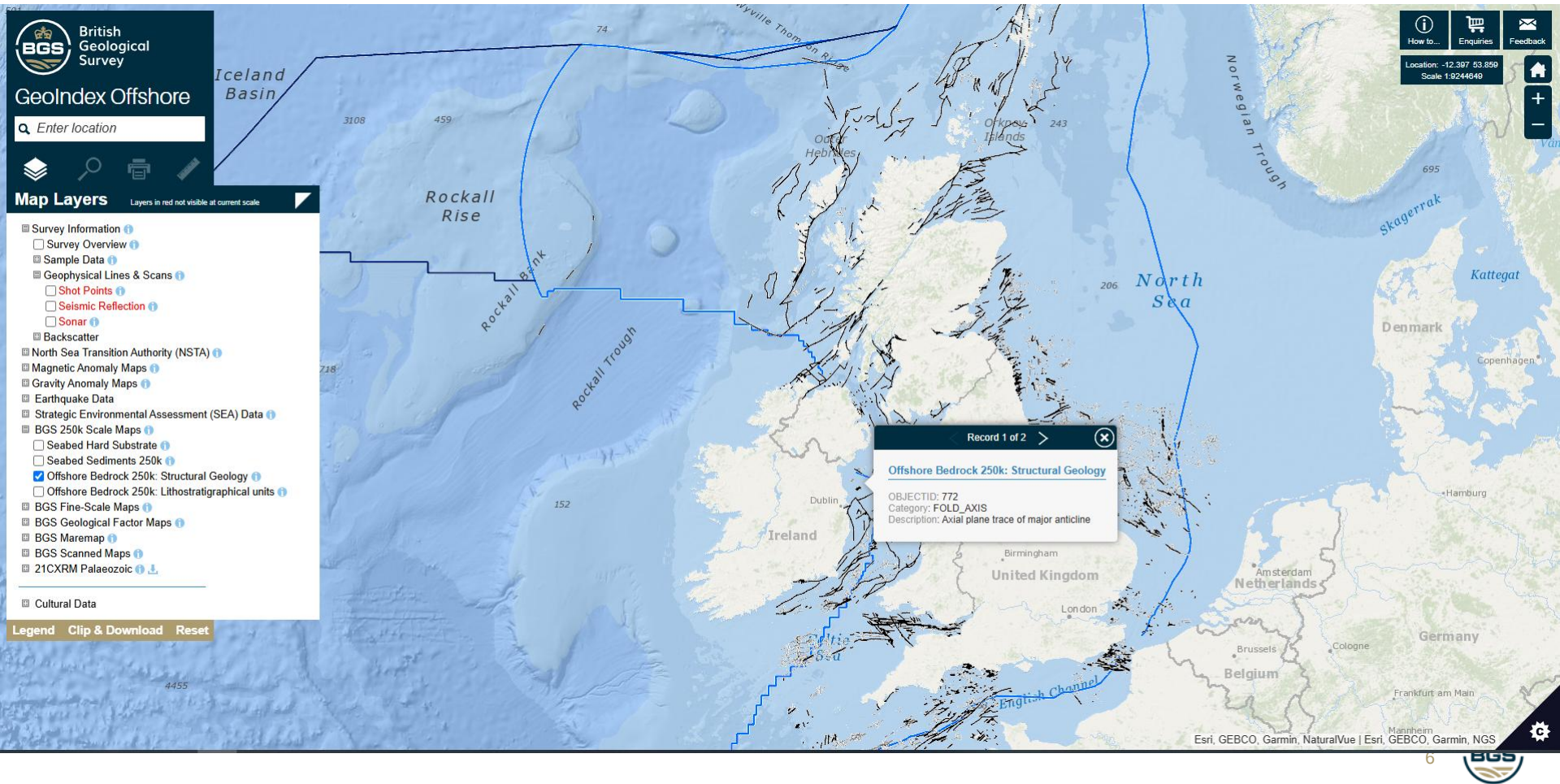
- ☐ Solar
- ☐ Backscatter
- ☐ North Sea Transition Authority (NSTA)
- ☐ Magnetic Anomaly Maps
- ☐ Gravity Anomaly Maps
- ☐ Earthquake Data
- ☐ Strategic Environmental Assessment (SEA) Data
- ☐ BGS 250k Scale Maps
 - ☐ Seabed Hard Substrate
 - ☒ Seabed Sediments 250k
 - ☐ Offshore Bedrock 250k: Structural Geology
 - ☐ Offshore Bedrock 250k: Lithostratigraphical units
- ☐ BGS Fine-Scale Maps
 - ☐ Seabed Geology 10k: Anglesey
 - ☐ Seabed Geology 10k: Bristol Channel
 - ☐ Seabed Geology 10k: Offshore Yorkshire
 - ☐ Offshore Bedrock 10k: Dorset (Weymouth Bay)
 - ☐ Structural Geology and Bedding Planes
 - ☒ Hillshade (DORIS bathymetry)
 - ☒ Lithostratigraphical units
 - ☐ Seabed Geology 10k: Offshore East Anglia
- ☐ BGS Geological Factor Maps
- ☐ BGS Maremap
- ☐ BGS Scanned Maps
- ☐ 21CXRM Palaeozoic
- ☐ Cultural Data

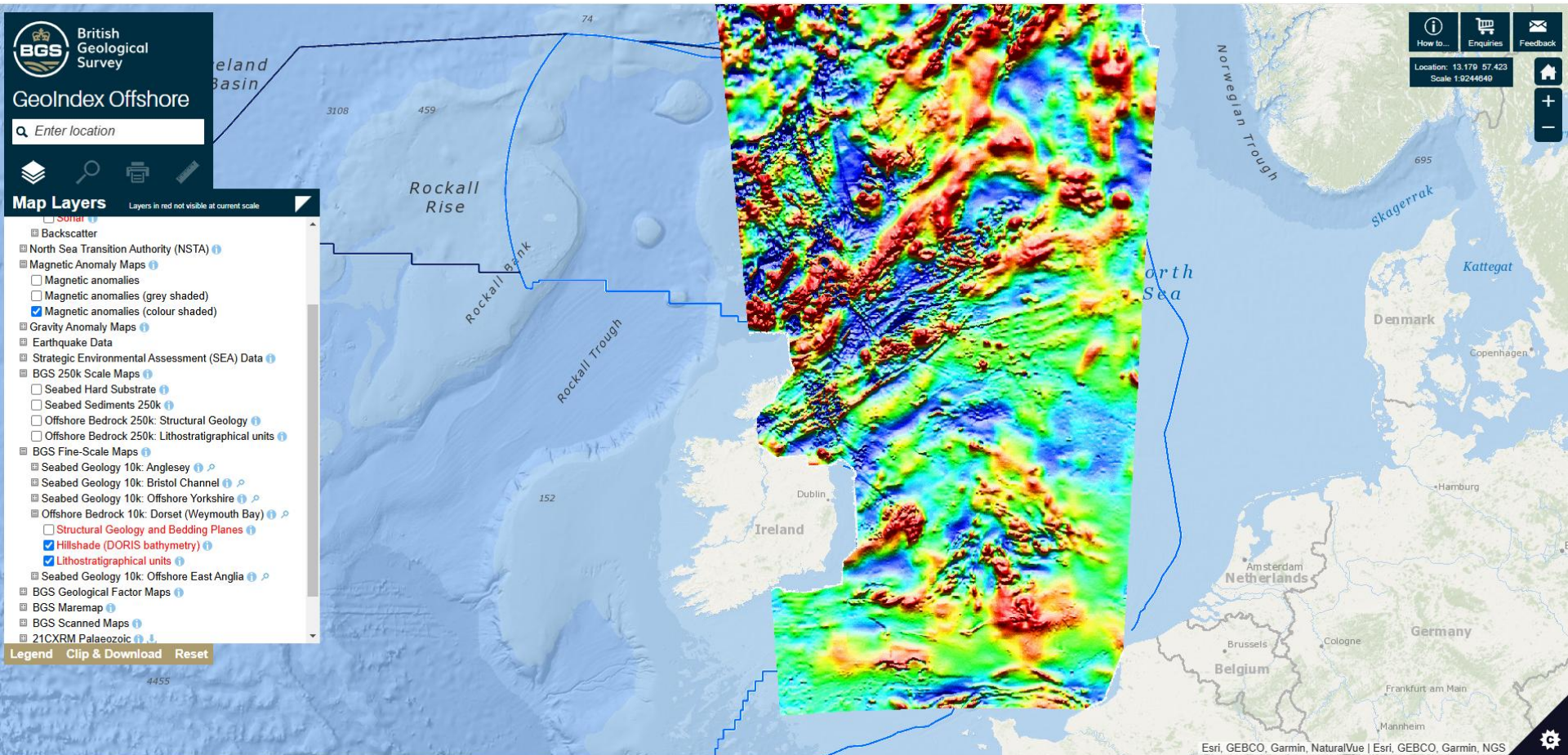


Record 1 of 3

Seabed Sediments 250k

Description: MARINE SEDIMENTS, HOLOCENE (UNDIFFERENTIATED) - MUD (SEA BED SEDIMENT, BASED ON FOLK)

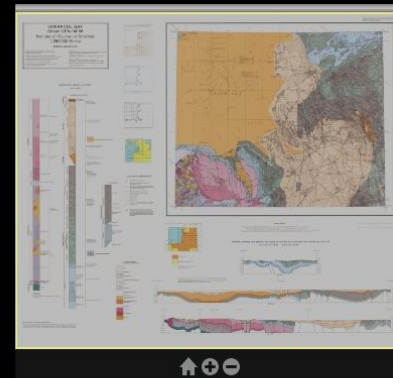
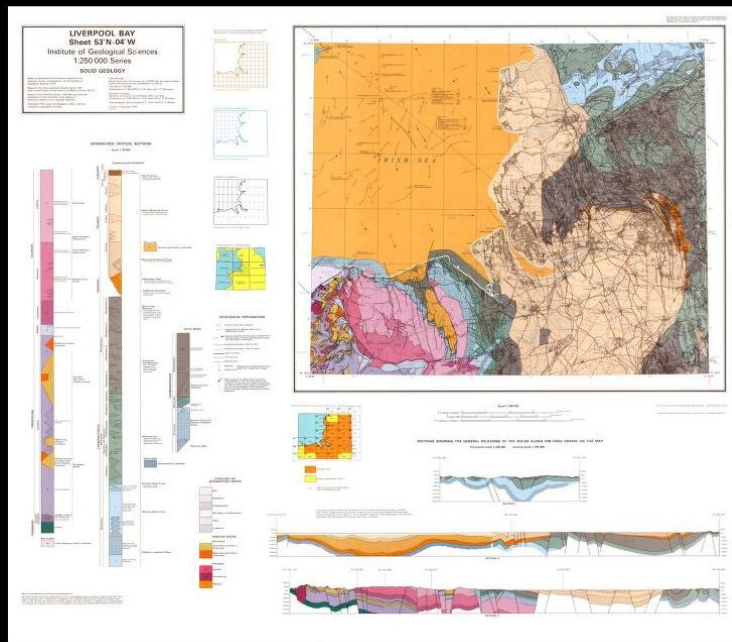


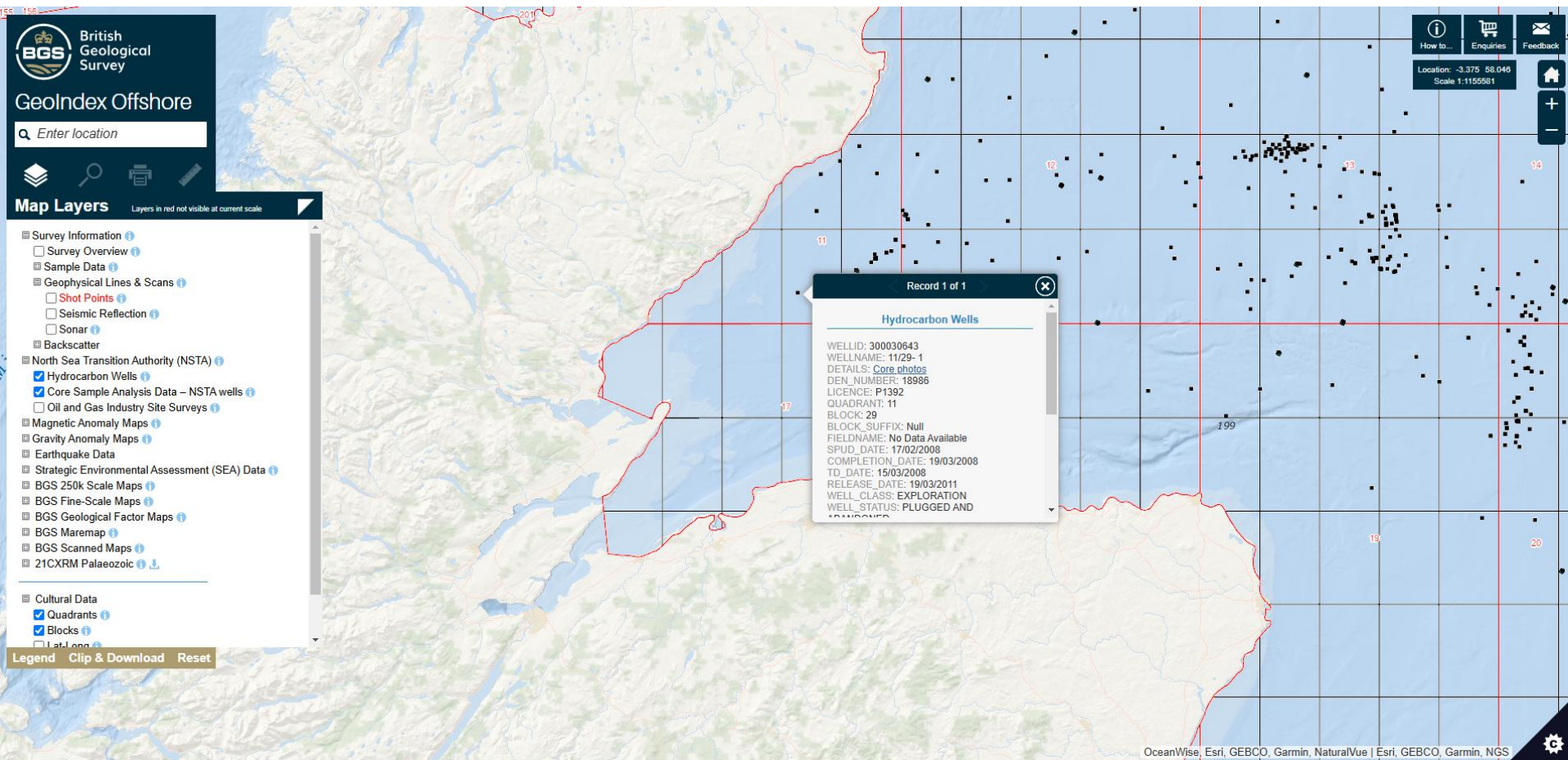


- ☐ Magnetic anomalies (colour shaded)
- ☐ Gravity Anomaly Maps
- ☐ Earthquake Data
- ☐ Strategic Environmental Assessment (SEA) Data
- ☐ BGS 250k Scale Maps
 - ☐ Seabed Hard Substrate
 - ☐ Seabed Sediments 250k
 - ☐ Offshore Bedrock 250k: Structural Geology
 - ☐ Offshore Bedrock 250k: Lithostratigraphical units
- ☐ BGS Fine-Scale Maps
 - ☐ Seabed Geology 10k: Anglesey
 - ☐ Seabed Geology 10k: Bristol Channel
 - ☐ Seabed Geology 10k: Offshore Yorkshire
 - ☐ Offshore Bedrock 10k: Dorset (Weymouth Bay)
 - ☐ Structural Geology and Bedding Planes
 - ☒ Hillshade (DORIS bathymetry)
 - ☒ Lithostratigraphical units
- ☐ Seabed Geology 10k: Offshore East Anglia
- ☐ BGS Geological Factor Maps
- ☐ BGS Maremap
- ☐ BGS Scanned Maps
 - ☐ BGS Scanned Maps (1:1M)
 - ☐ BGS Scanned Maps (1:500k)
 - ☒ BGS Scanned Maps (1:250k)
- ☐ 21CXRM Palaeozoic

BGS Scanned Maps (1:250k)

QL_MAP_TITLE_ID: 1003826
MAP_TITLE_ID: 11302
FULL_TITLE: Liverpool Bay Sheet 53 N - 04 W
Solid Geology
VIEW_MAP: [Click here](#)
PUBLICATION DATE: 1/1/1978
MAP_SERIES: BGS 1:250k Offshore maps
MAP_SERIES_FORMAL_TITLE: 1:250 000
UTM series of the United Kingdom and continental shelf
MAP_SERIES_EDITION: Solid
GEOL_SCALE: 1:250 000
EXTENT_FEATURE: Liverpool Bay
COPYRIGHT_OWNER: BGS
AUTHOR_STATEMENT: Null





Results of Offshore Hydrocarbon Wells search

Search fields:

Well name: 11/29- 1

Showing 1 - 10 of 12 [\[10\]](#) [\[50\]](#) [\[100\]](#) [\[150\]](#) 1 2 [Next](#)

Well name	Operator	Lat/long	Core run number	Material type	Top depth	Base depth	Current location
11/29- 1	ITHACA ENERGY	58.0547736, -3.3467361		CUTTINGS	550 ft	8596 ft	KEYWORTH
111/29- 1	TOTALENERGIES UPSTREAM UK LIMITED	54.0932319, -5.2210694		Washed Cuttings	705.37 ft	4757.16 ft	KEYWORTH
111/29- 1	TOTALENERGIES UPSTREAM UK LIMITED	54.0932319, -5.2210694		CUTTINGS	721.78 ft	4757.16 ft	KEYWORTH
111/29- 1	TOTALENERGIES UPSTREAM UK LIMITED	54.0932319, -5.2210694	1 [details]	DRILLCORE	1525.57 ft	1557.17 ft	KEYWORTH
111/29- 1	TOTALENERGIES UPSTREAM UK LIMITED	54.0932319, -5.2210694		CORED PLUG	1526.59 ft	4773.1 ft	KEYWORTH
111/29- 1	TOTALENERGIES UPSTREAM UK LIMITED	54.0932319, -5.2210694	2 [details]	DRILLCORE	4757.16 ft	4773.56 ft	KEYWORTH
211/29- 1	SHELL PLC	61.0984169, 1.6912878		CUTTINGS	1620 ft	9910 ft	KEYWORTH
211/29- 1	SHELL PLC	61.0984169, 1.6912878	1 [details]	DRILLCORE	6015 ft	6075 ft	KEYWORTH
211/29- 1	SHELL PLC	61.0984169, 1.6912878	2 [details]	DRILLCORE	6480 ft	6507 ft	KEYWORTH
211/29- 1	SHELL PLC	61.0984169, 1.6912878	3 [details]	DRILLCORE	8650 ft	8695 ft	KEYWORTH

Showing 1 - 10 of 12 [\[10\]](#) [\[50\]](#) [\[100\]](#) [\[150\]](#) 1 2 [Next](#)

Refine results

Well name:

Choose 

Or

Well name: 211/29- 1 Core run number: 3

Material type	Set name	Top depth	Base depth	Image
DRILLCORE	1	8650 ft [2636.52 m]	8670 ft [2642.62 m]	 Download
DRILLCORE	1	8670 ft [2642.62 m]	8686.2 ft [2647.55 m]	 Download
DRILLCORE	1	8686.2 ft [2647.55 m]	8695 ft [2650.24 m]	 Download

[Back to search results](#) | [Search again?](#)

RCS

Rock Classification System

Downloads

Volume 1: classification of igneous rocks



Volume 2: classification of metamorphic rocks



Volume 3: classification of sediments and sedimentary rocks



Volume 4: classification of artificial ground and natural superficial deposits



BGS scheme for classifying discontinuities and fillings



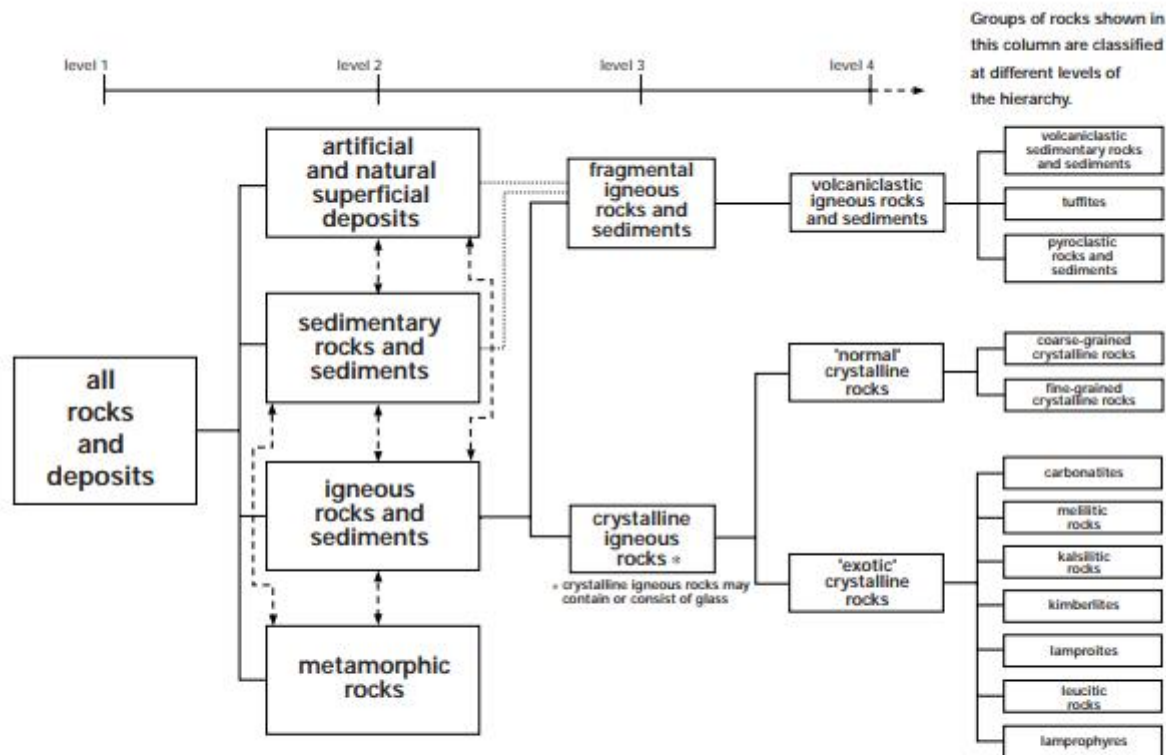


Figure 1 Hierarchical classification of igneous rocks and igneous sediments, Dashed lines with arrows connect major groups of rocks and sediments between which there is a gradational 'boundary'. Dotted lines indicate that 'fragmental igneous rocks and sediments' may also or alternatively be classified within other schemes.

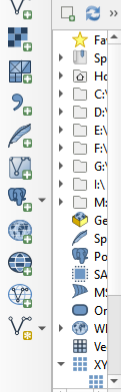
QGIS

Quantum Geographical Information System





Browse...



Multiple plugin updates are available Install Updates...

QGIS User Conference 2025 will take place in June in Sweden

Save the date! The next global QGIS User Conference will be in Norrköping, Sweden from 2-3 June, 2025. Our contributor meeting will be directly afterwards from 4 to 6 June, 2025. QGIS User Conference and Contributor meetings are the best place to engage with the community, keep up with the latest QGIS related news, and find your own path to contributing to the QGIS project. Double click on this entry to find out more!

QGIS User Conference 2025 will take place in June in Sweden

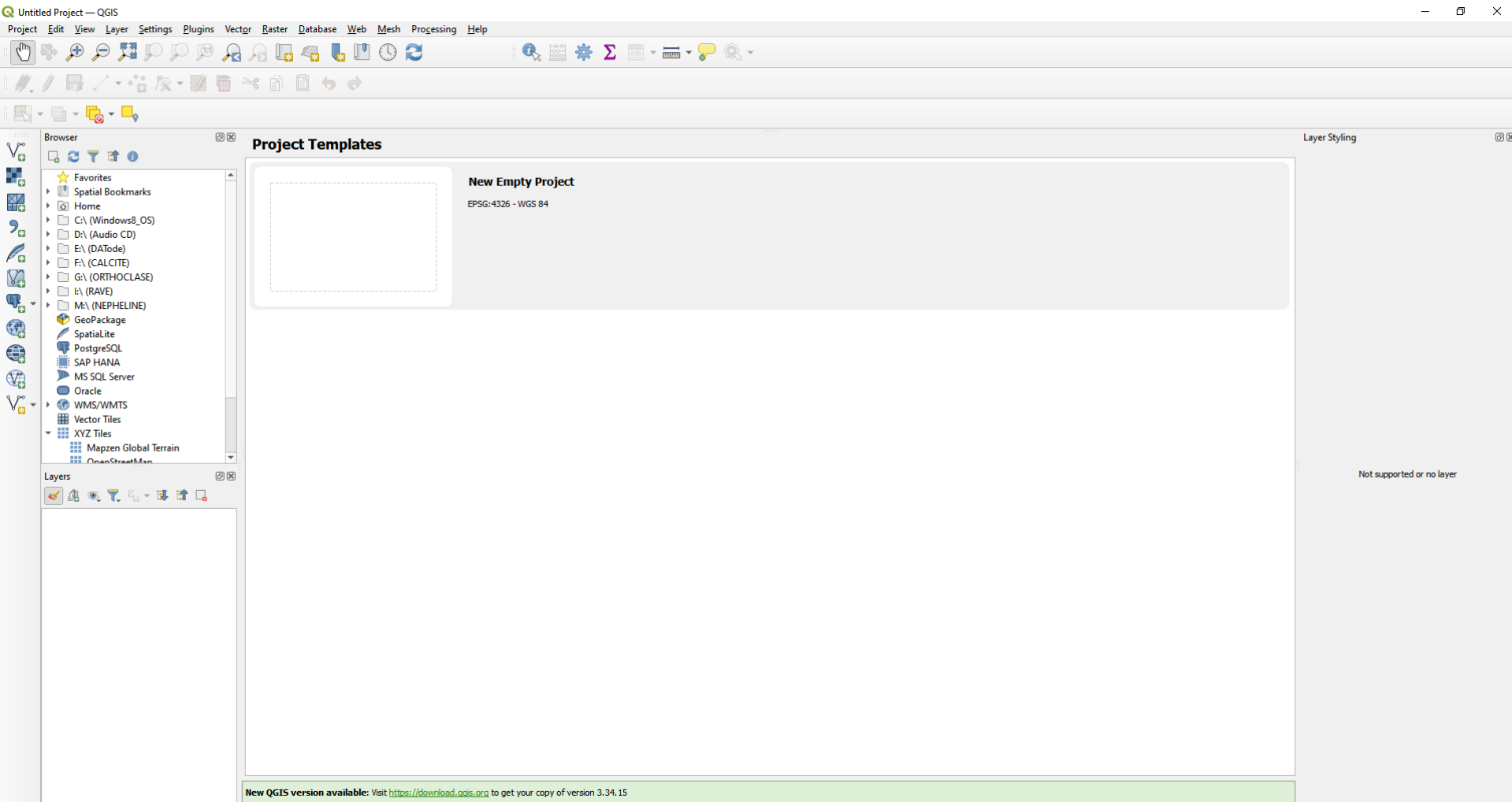
Project Templates

New Empty Project

EPSG:4326 - WGS 84

Layer Styling

Not supported or no layer





Browser

- E:\ (DATode)
 - F:\ (CALCITE)
 - G:\ (ORTHOCLASE)
 - H:\ (RAVE)
 - I:\ (NEPHELINE)
- GeoPackage
- Spatialite
- PostgreSQL
- SAP HANA
- MS SQL Server
- Oracle
- WMS/WMTS
 - BGS Geology 50k
 - GeolIndex
- Vector Tiles
- XVZ Tiles
 - Mapzen Global Terrain
 - OpenStreetMap
 - WCS
 - WFS / OGC API - Features
 - ArcGIS REST Services

Layers

- OpenStreetMap



Layer Styling

OpenStreetMap

Singleband color data

This renderer doesn't implement a graphical interface

Layer Rendering

Blending mode: Normal

Brightness: 0

Saturation: 0

Contrast: 0

Gamma: 1.00

☐ Invert colors

Grayscale: Off

☐ Colorize

Hue: Strength 100%

Reset

Resampling

Zoomed in: Nearest Neighbour

Zoomed out: Nearest Neighbour

Oversampling: 2.00

Live update

Apply

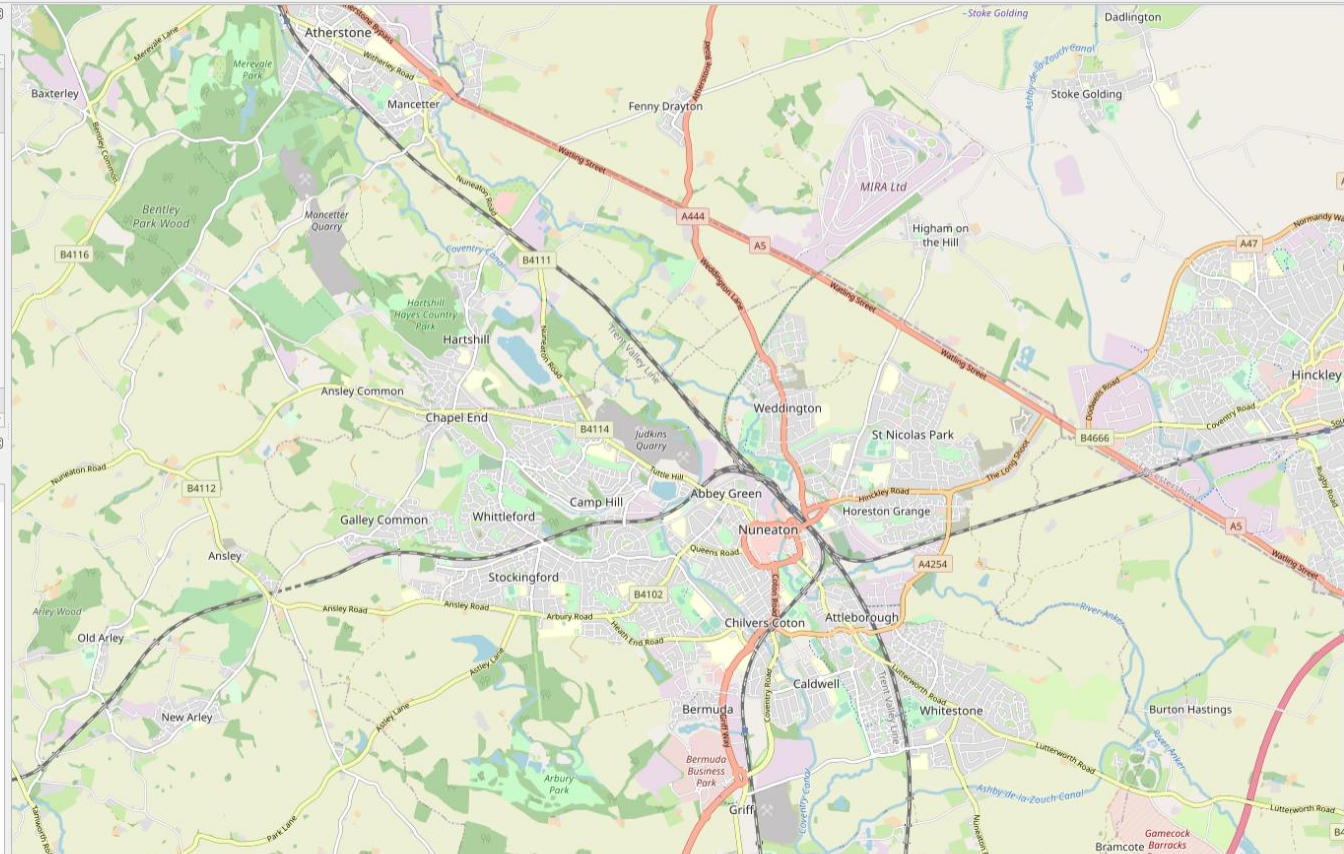


Browser

- ☐ E:\ (DATODE)
- ☐ F:\ (CALCITE)
- ☐ G:\ (ORTHOCASE)
- ☐ H:\ (RAVE)
- ☐ M:\ (NEPHELINE)
- ☒ GeoPackage
- ☐ Spatialite
- ☐ PostgreSQL
- ☐ SAP HANA
- ☐ MS SQL Server
- ☐ Oracle
- ☐ WMS/WMTS
- ☐ BGS Geology 50k
- ☐ GeoIndex
- ☐ Vector Tiles
- ☐ XYZ Tiles
- ☐ Mapzen Global Terrain
- ☒ OpenStreetMap
- ☐ WCS
- ☐ WFS / OGC API - Features
- ☐ ArcGIS REST Services

Layers

- ☒ OpenStreetMap



Layer Styling

OpenStreetMap

Singleband color data

This renderer doesn't implement a graphical interface

Layer Rendering

Blending mode: Normal

Brightness: 0

Saturation: 0

Contrast: 0

Gamma: 1.00

☐ Invert colors

Grayscale: Off

☐ Colorize

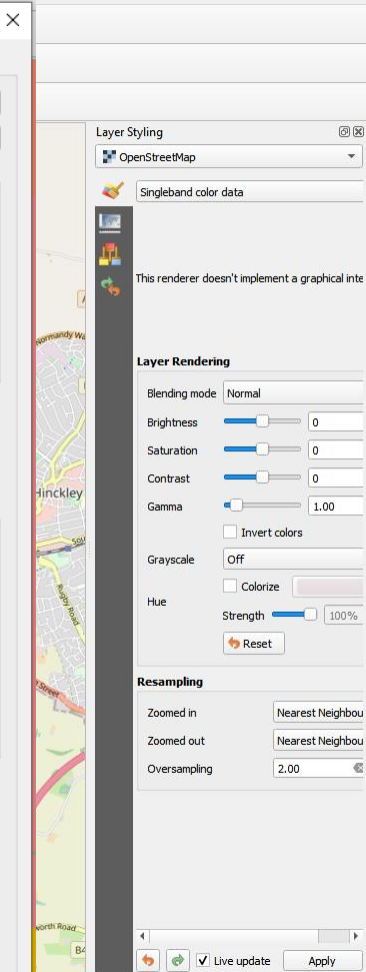
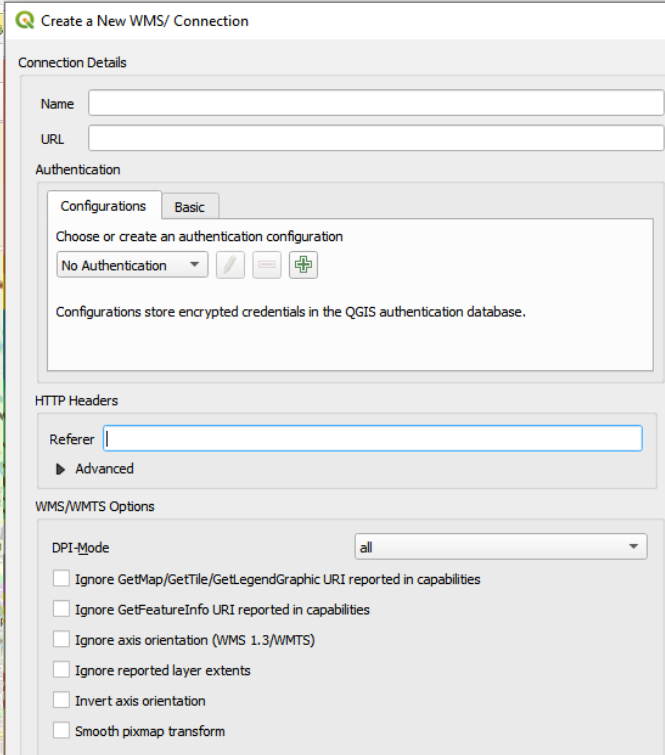
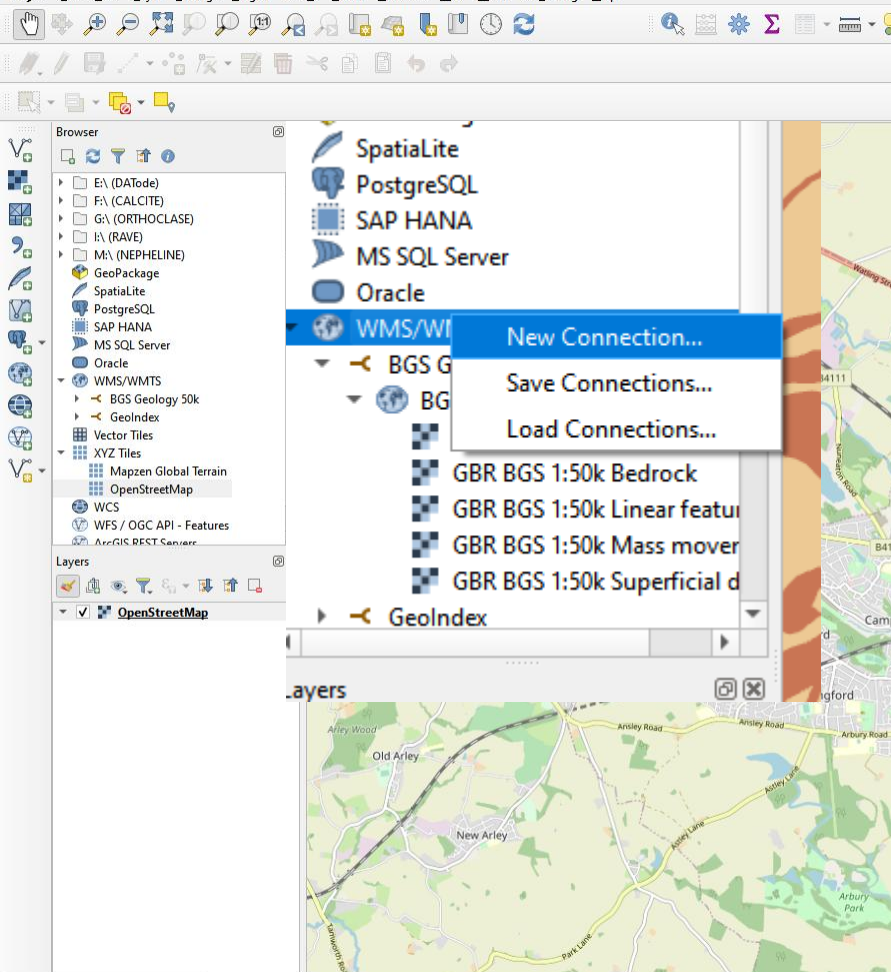
Hue: Strength 100%

Resampling

Zoomed in: Nearest Neighbour

Zoomed out: Nearest Neighbour

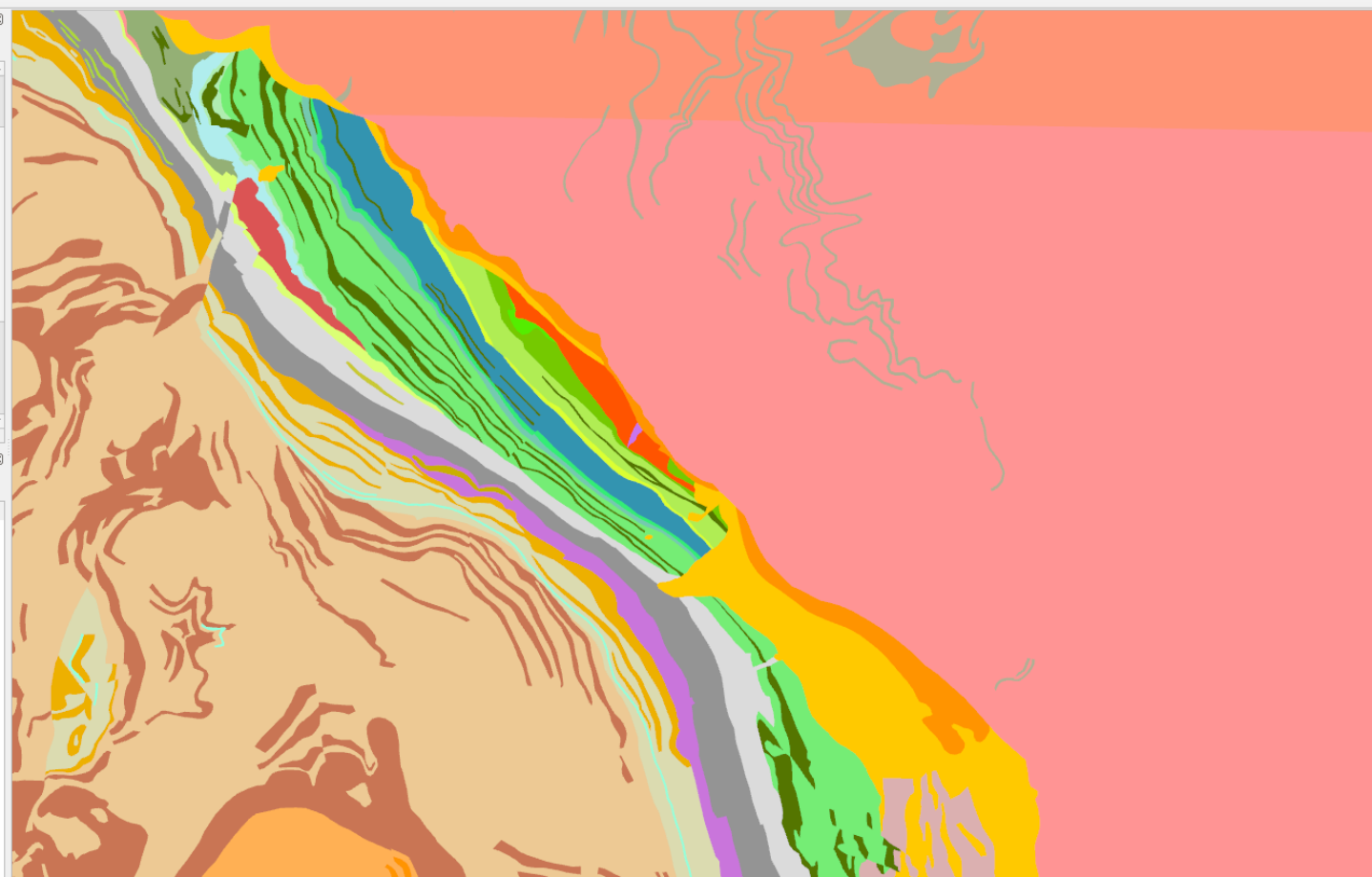
Oversampling: 2.00

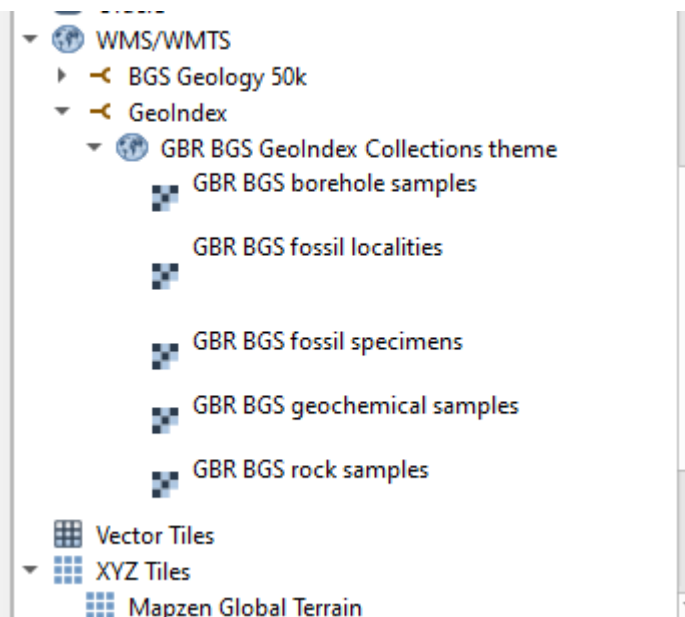


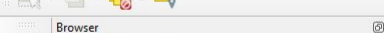


- Browser
- EA (DATODE)
 - FA (CALCITE)
 - GA (ORTHOCLASE)
 - IA (RAVE)
 - MA (NEPHELINE)
 - GeoPackage
 - Spatialite
 - PostgreSQL
 - SAP HANA
 - MS SQL Server
 - Oracle
 - WMS/WMTS
 - BGS Geology 50k
 - GBR BGS 1:50k Artificial gro
 - GBR BGS 1:50k Bedrock**
 - GBR BGS 1:50k Linear featur
 - GBR BGS 1:50k Mass mover
 - GBR BGS 1:50k Superficial d
 - GeoIndex

- Layers
- ☒ GBR BGS 1:50k Bedrock
 - ☒ OpenStreetMap





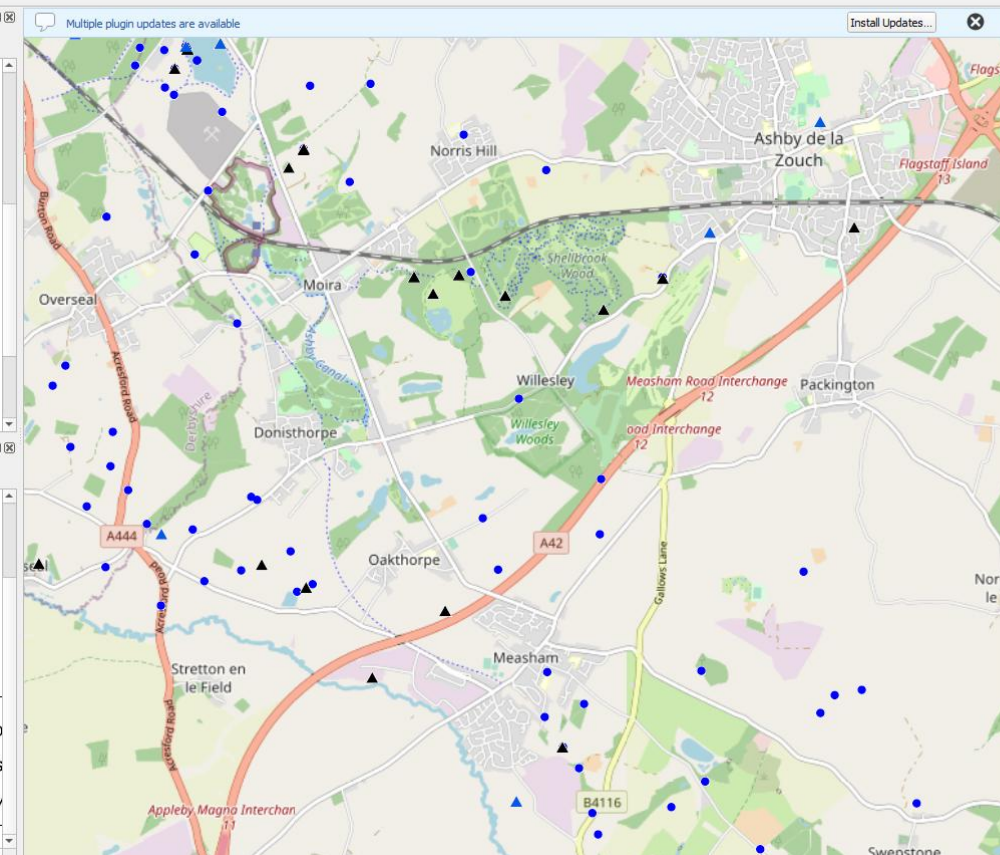


- Browser
- PostgreSQL
 - SAP HANA
 - MS SQL Server
 - Oracle
 - WMS/WMTS
 - GBR Geology 50k
 - GeoIndex
 - GBR BGS GeoIndex Collections theme
 - GBR BGS borehole samples
 - GBR BGS fossil localities
 - GBR BGS fossil specimens
 - GBR BGS geochemical samples
 - GBR BGS rock samples
 - Vector Tiles
 - XYZ Tiles
 - Mapzen Global Terrain



- Layers
- 91.220001
 - ☒ GBR BGS rock samples
 - ▲ Image available
 - ▲ Image not available
 - ☒ GBR BGS borehole samples
 - TYPE
 - Drillcore or bulk samples
 - Individual samples or washed cuttings
 - ☐ GBR BGS 1:50k Bedrock
 - ☒ OpenStreetMap

No legend is supplied for
Use the available query tools
about features at a given



Layer Styling

GBR BGS 1:50k Bedrock

Singleband color data

This renderer doesn't implement a graphical interface.

Layer Rendering

Blending mode: Normal

Brightness: 0

Saturation: 0

Contrast: 0

Gamma: 1.00

☐ Invert colors

Grayscale: Off

☐ Colorize

Hue: Strength 100%

[Reset](#)

Resampling

Zoomed in: Nearest Neighbour

Zoomed out: Nearest Neighbour

Oversampling: 2.00

☒ Live update [Apply](#)



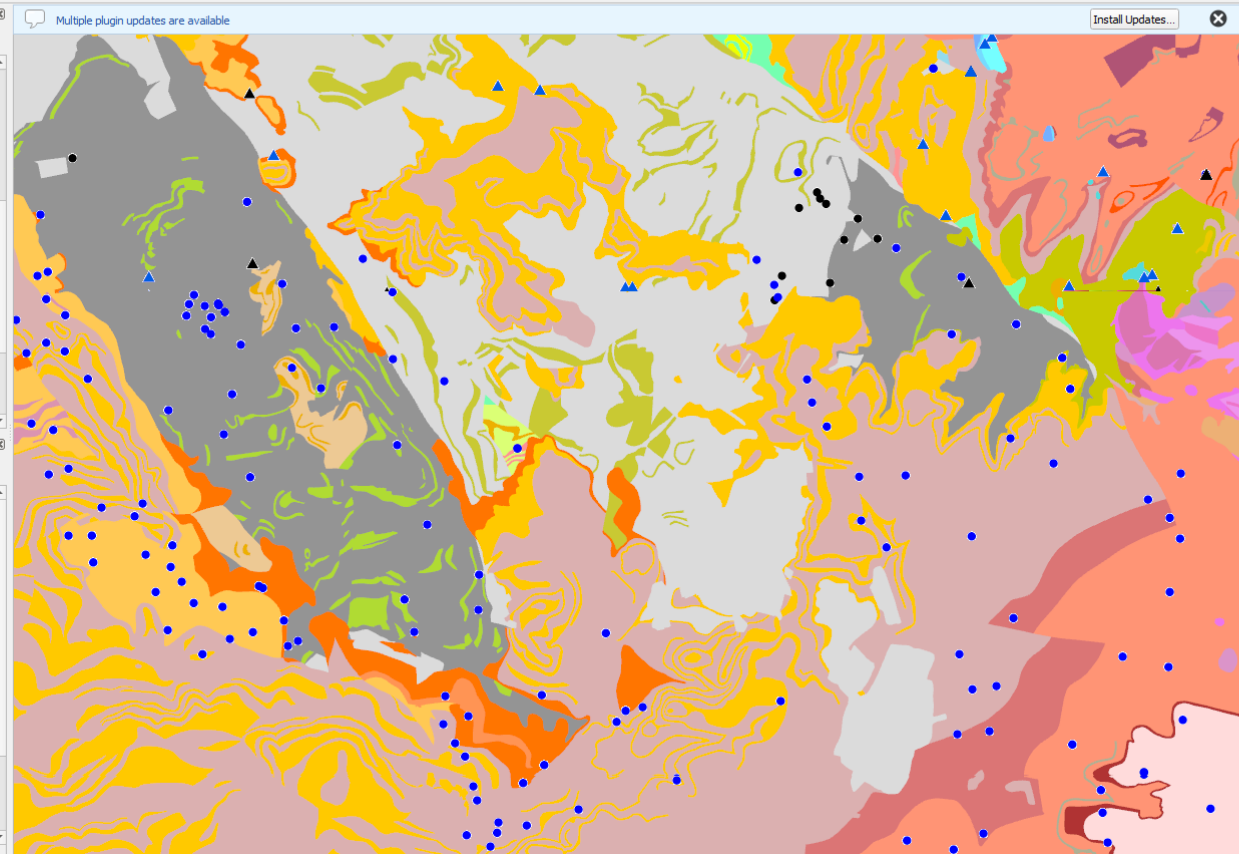
Browser

- PostgreSQL
- SAP HANA
- MS SQL Server
- Oracle
- WMS/WMTS
 - BGS Geology 50k
 - Geolindex
 - GBR BGS Geolindex Collections theme
 - GBR BGS borehole samples
 - GBR BGS fossil localities
 - GBR BGS fossil specimens
 - GBR BGS geochemical samples
 - GBR BGS rock samples
- Vector Tiles
 - XYZ Tiles
 - Mapzen Global Terrain

Layers

- ☐ SK31ne_DTM_1m
 - Band 1 (Gray)
 - 178.509995
 - 91.220001
- ☒ GBR BGS rock samples
 - ▲ Image available
 - ▲ Image not available
- ☒ GBR BGS borehole samples
 - TYPE
 - Drillcore or bulk samples
 - Individual samples or washed cuttings
- ☒ GBR BGS 1:50k Bedrock

No legend is supplied fo



Layer Styling

SK31ne_DTM_1m

Singleband gray

Gray band: Band 1 (Gray)

Color gradient: Black to White

Min: 91.22 Max: 178.5

Contrast enhancement: Stretch to MinMax

Min / Max Value Settings

Layer Rendering

Blending mode: Normal

Brightness: 0

Saturation: 0

Contrast: 0

Gamma: 1.00

☐ Invert colors

Grayscale: Off

☐ Colorize

Hue: Strength: 100%

Reset

Resampling

Zoomed in: Nearest Neighbour

Zoomed out: Nearest Neighbour

Oversampling: 2.00

☐ Early resampling

Live update Apply



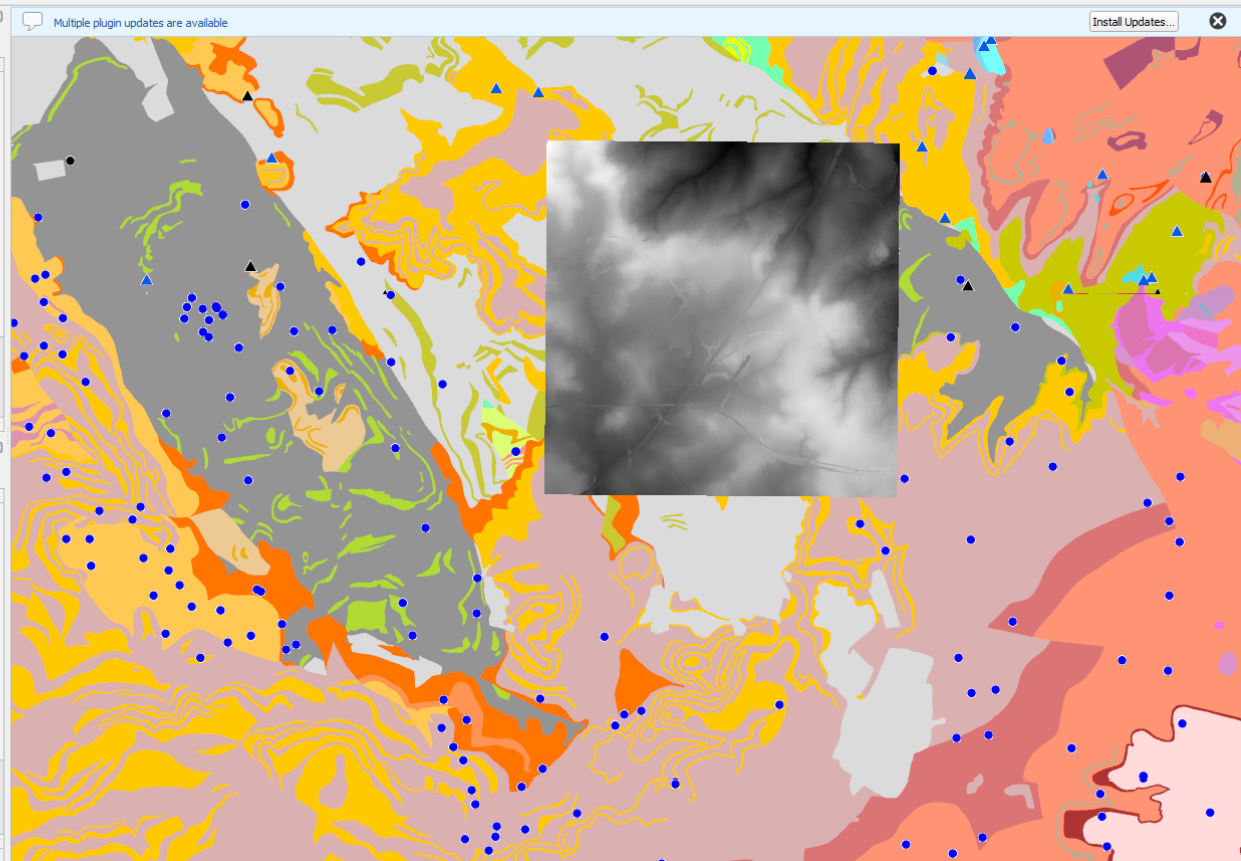
Browser

- Home
- Project Home
- Home
- C:\ (Windows8_OS)
- D:\ (Audio CD)
- E:\ (DATode)
- F:\ (CALCITE)
- G:\ (ORTHOCLASE)
- H\ (RAVE)
- M\ (NEPHELINE)
- GeoPackage
- Spatialite
- PostgreSQL
- SAP HANA
- IMS SQL Server
- Oracle
- WMS/WMTS
- Vector Tiles
- XYZ Tiles
- Mansan Global Terrain

Layers

- ☒ SK31ne_DTM_1m
Band 1 (Gray)
178.509995
- ☒ GBR BGS rock samples
▲ Image available
▲ Image not available
- ☒ GBR BGS borehole samples
TYPE
● Drillcore or bulk samples
● Individual samples or washed cuttings
- ☒ GBR BGS 1:50k Bedrock

No legend is supplied fo



Layer Styling

SK31ne_DTM_1m

Singleband gray

Gray band: Band 1 (Gray)

Color gradient: Black to White

Min: 91.22 Max: 178.509995

Contrast enhancement: Stretch to MinMax

► Min / Max Value Settings

Layer Rendering

Blending mode: Normal

Brightness: 0

Saturation: 0

Contrast: 0

Gamma: 1.00

☐ Invert colors

Grayscale: Off

☐ Colorize

Hue: Strength 100%

Reset

Resampling

Zoomed in: Nearest Neighbor

Zoomed out: Nearest Neighbor

Oversampling: 2.00

☐ Early resampling

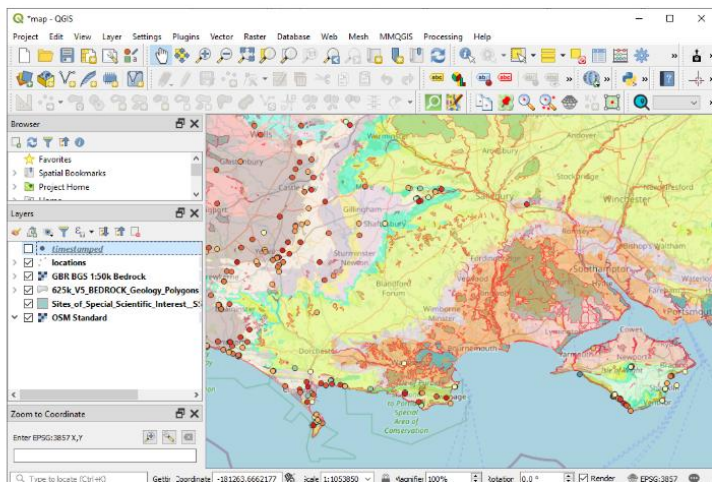
Live update Apply



[Home](#) [About GCG](#) [News](#) [Blog](#) [Membership](#) [Events](#) [Journal](#) [Resources](#) [Collections](#) [Committee](#)

(Archived Event) Introduction to GIS for Curators. Online event May 28th 2020 16.00 BST- 17.30 BST

This event has already taken place. It is archived here so that you can access the associated resources. Please check www.geocurator.org/events/ for our upcoming offerings.



Site Search

Quick Links

- [Join us!](#) or [Donate!](#)
- [The Geological Curator](#)
 - [Previous volumes](#)
 - [Full text search](#)
- [Coprolite newsletter](#)
- [GCG Member Content](#)
 - [Member downloads area](#)
- [Thumbs-up leaflet](#)

GCG Member login



Do consider donating the cost of a coffee to help us keep running, to help us to help you! www.geocurator.org/donate/

GIS for Curators - resources

Here are all of the web links that were used in the seminar:

GIS - QGIS

- [Geographic information system - Wikipedia](#)
- [Welcome to the QGIS project!](#)
- [QGIS User Guide — QGIS Documentation documentation](#)
- [QGIS Training Manual — QGIS Documentation documentation](#)
- [Index of /testing/pdf/en](#)
- [QGIS Training Manual PDF](#)
- [QGIS User Guide PDF](#)
- [QGIS Donations](#)
- [QGIS Sustaining members and Donors](#)
- [QGIS Python Plugins Repository](#)
- [QuickMapServices: easy basemaps in QGIS | NextGIS](#)
- [OpenStreetMap Licence](#)
- [Nominatim plugin](#)

GIS - data

- [Web Map Services \(WMS\) | BGS Geology 50k | British Geological Survey \(BGS\)](#)
- [LIDAR Composite DSM 2017](#)
- [Using EA Lidar V6 Dec 2018.docx](#)
- [Tutorial: How to download the LIDAR datasets from the UK Environment Agency website – Roger Pearse](#)
- [BGS Geology: 625K](#)

GIS - capture

- [Coordinate Capture Plugin](#)
- [Lat Lon tools](#)
- [The OSGR Tool for QGIS | Biodiversity Projects](#)
- [OSGB 1936 / British National Grid - United Kingdom Ordnance Survey - EPSG:27700](#)
- [WGS 84 / Pseudo-Mercator - Spherical Mercator, Google Maps, OpenStreetMap, Bing, ArcGIS, ESRI - EPSG:3857](#)
- [WGS 84 - WGS84 - World Geodetic System 1984, used in GPS - EPSG:4326](#)
- [Ordnance Survey Blog OSGM15 - the new geoid for Britain - Ordnance Survey Blog](#)
- [Converting between osgb36 and wgs84](#)

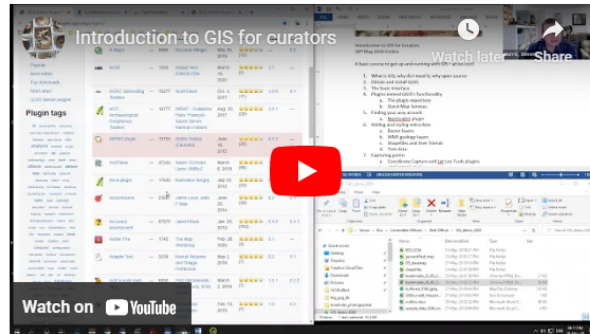
GIS - sources

- [OS OpenData Supply - Download or order OS OpenData](#)
- [Results for "gis" - data.gov.uk](#)
- [Natural England Open Data Geoportal](#)
- [Public Geodata for the UK - OSGeo](#)
- [Map data downloads | OpenGeoscience | Free data | British Geological Survey \(BGS\)](#)
- [National Trust Open Data](#)
- [GB1900 gaz](#)
- [Old Maps IOW](#)
- [Mapping platform for quick publishing of zoomable maps online – MapTiler](#)
- [OS OnDemand | GIS Data Transfer](#)
- [NLS Historic Maps Subscription API - Map images - National Library of Scotland](#)

GIS - conclusion

- [Adding ESRI's World Hillshade layer to QGIS | IteQGIS](#)
- [10 Free GIS Data Sources: Best Global Raster and Vector Datasets \[2020\] - GIS Geography](#)
- [QGIS Plugins planet](#)
- [Membership - The Geological Curators' Group](#)
- [Make a donation - The Geological Curators' Group](#)

You can watch a recording of the webinar below:



Introduction to GIS for curators

Apps GIS - QGIS GIS - data GIS - capture GIS - sources GIS - conclusion

Search

Upload a plugin

Plugins

Featured

All

Stable

Fresh

Experimental

Popular

Most voted

Top downloads

Most rated

QGIS Server plugins

Plugin tags

3d accessibility accuracy accuracy assessment address address agriculture alkis analysis android angle animation api append archaeology area asset atlas attribute attribute edit attribute table attributes azimuth base map batch bing biodiversity biomasse borehole bounding box brasileiro browser buffer cad cadastre calculator canvas capture catalog catastro catchment change detection check chm

QGIS Python Plugins Repository

All plugins

1230 records found — Click to toggle descriptions.

Name	★ ↓	Author	Created on	Stars (votes)	Stable	Exp.
 A-Maps	— 5686	Riccardo Klinger	May 25, 2019	★★★★★ (12)	—	0.2
 AGIS	— 1333	Matjaž Mori, ZVKDS CPA	March 19, 2020	★★★★★ (5)	1.1	—
 AGRC Geocoding Toolbox	— 10277	Scott Davis	Oct. 3, 2017	★★★★★ (11)	1.0.0	0.1
 AGT - Archaeological Geophysics Toolbox	— 16777	INRAP - Guillaume Hullin, Francois-Xavier Simon, Nariman Hatami	Aug. 29, 2017	★★★★★ (28)	3.0.1	—
 ARPAT plugin	— 15720	Martin Doblas (Faunalia)	June 18, 2012	★★★★★ (28)	0.3.3	—
 AcATaMa	— 47344	Xavier Corredor Llano, SMBYc	March 6, 2018	★★★★★ (58)	19.11.21	—
 Acca plugin	— 17600	Bastrakov Sergey	July 10, 2012	★★★★★ (23)	0.3	0.2
 AccurAssess	— 23687	Jaime Loya, Jean F Mas	June 20, 2014	★★★★★ (30)	0.2	0.1
 Accuracy	— 87875	Jared Kibele	Jan. 25, 2014	★★★★★ (44)	0.4.2	0.4.1

Introduction to GIS for Curators

28th May 2020 Online

A basic course to get up-and-running with GIS – at no cost!

1. What is GIS; why do I need it; why open source
2. Obtain and install QGIS
3. The basic interface
4. Plugins extend QGIS's functionality
 - a. The plugin repository
 - b. Quick Map Services
5. Finding your way around
 - a. Nominatim plugin
6. Adding and styling extra data
 - a. Raster layers
 - b. WMS geology layers
 - c. Shapefiles and their friends
 - d. Text data
7. Capturing points
 - a. Coordinate Capture and Lat Lon Tools plugins

PAGE 1 OF 2 183 WORDS ENGLISH (UNITED KINGDOM)

GIS_demo_2020

File Home Share View

Pin to Quick access Copy Paste Copy path Move to Copy to Delete Rename New item Easy access Open Select all Select none Invert selection

Clipboard Organize New

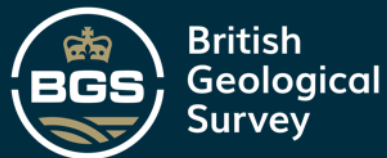
Properties Edit History Open Select

Simon > Box > Committee Officers > Web Officer > GIS_demo_2020

Search GIS_demo_2020

Name	Date modified	Type	Size
Quick access			
Desktop			
Dropbox			
Creative Cloud Files			
Downloads			
Pictures			
GCGFulltext			
big_gcg_db			
boreholes_photographed			
GIS demo 2020			
BGS_625k	14-May-20 08:21 PM	File folder	
georectified_map	25-May-20 01:17 PM	File folder	
OS_basemap	27-May-20 10:18 PM	File folder	
shapefiles	19-May-20 01:53 PM	File folder	
bookmarks_25_05_2...	25-May-20 01:50 PM	Chrome HTML Do...	27 KB
bookmarks_28_05_2...	28-May-20 02:22 PM	Chrome HTML Do...	34 KB
buffered_IOW.gpkg	27-May-20 09:44 PM	MapTiler Desktop	136 KB
OSM_credit_linked.t...	27-May-20 10:03 PM	Text Document	1 KB
outline.docx	28-May-20 02:32 PM	Microsoft Word D...	99 KB
sample_data_IOW.csv	27-May-20 10:06 PM	Microsoft Excel C...	4 KB

10 items 1 item selected 33.4 KB



THANK YOU

Any comments or questions?
mhowe@bgs.ac.uk