

# OSNI 1:10,000 SCALE RASTER

## What is 1:10,000 Scale Raster?

The 1:10,000 scale raster map has been fully revised and is derived directly from OSNI Fusion. This dataset provides clear, detailed mapping for roads, fields, water and settlements, overlaid by contours at 10m intervals.

Raster mapping is a digital image created by a series of pixels that combine to form the map.

### PRODUCT INFORMATION

- This raster product has been derived from OSNI Fusion
- Clear and detailed information showing many topographical features including road, street and townland names
- Geo-referenced: Irish Grid co-ordinates can be found for any point on the map using Geographic Information software and can be used with other OSNI mapping and address data such as Pointer

### Key Features:

- Infrastructure
- Field Boundaries
- 10m Contours
- Themed Building Polygons
- Townland Names

### TECHNICAL SPECIFICATION

**Format** – TIF

**Supply** – Digital and Paper

#### Availability

Raster - tiled and bespoke

Paper – bespoke only

**Tile Size** – 4.8Km x 3.2Km tiles

**Coverage** – 1058 tiles covering Northern Ireland

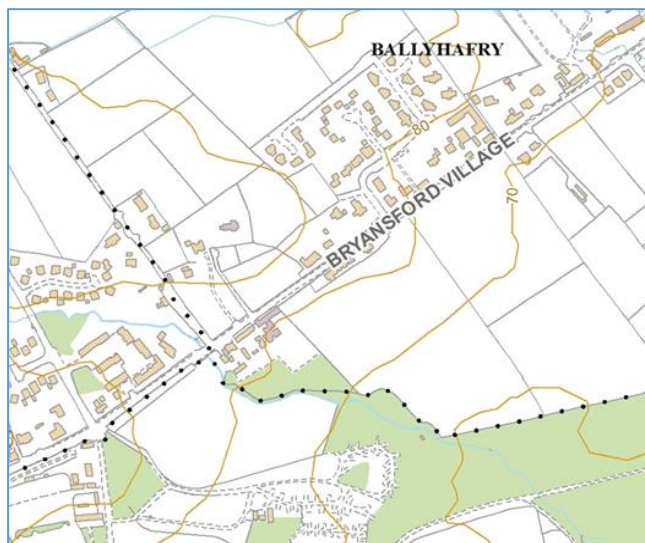
**Update Frequency** – Annually

**Scale** - 1:10,000

**Resolution** – 300 dpi

**Maximum File Size** - 3.8MB per quarter sheet tile,  
10MB per sheet

**Co-ordinate Reference System** – TM65 Irish  
National Grid



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ORDNANCE SURVEY  
OF NORTHERN IRELAND®

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## CASE STUDY

Primarily aimed at customers such as Geological Survey of Northern Ireland (GSNI), OSNI 1:10,000 scale raster mapping is cartographically rich and is viewable on all graphic platforms. GSNI are the body responsible for mapping the geology of Northern Ireland and for providing geological information and advice to all sectors of the Northern Ireland community. Using GIS software to support its enquiry service, GSNI display a wide range of data against a background of OSNI 1:10,000 scale raster mapping. Thematic datasets such as boreholes, site investigations, quarries and pits, minerals and abandoned mine locations are used to answer engineering, environmental and natural resource enquiries. GSNI uses OSNI 1:10,000 scale raster mapping as its map of choice because it combines a sufficient level of detail; showing buildings, field boundaries and natural topographic features with a clear display.

## APPLICATIONS

- Ideal scale for background mapping
- Data analysis
- Environmental analysis
- Development and land use planning
- Can be overlaid with customer's geographical address or business data

## Product Enquires and Feedback

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