

## What is 1:10 000 Scale Raster?

Raster mapping is the simplest form of digital mapping. It is effectively a digital version of a paper map which has been geo-referenced so that each pixel is fixed on the Irish Grid and has an Irish Grid reference number.

The 1:10 000 Scale Raster mapping is OSNI's most detailed raster product. It has been derived directly from OSNI's large-scale database and provides clear, detailed and textual information on roads, buildings, fields, administrative boundaries, water features and vegetation overlaid by contours at 10m intervals.



## Key Features

This raster product has been derived from OSNI production databases, resulting in a high resolution quality image.

Clear and detailed information showing many topographical features and includes road, street and administrative names.

Because this product is fully geo-referenced, Irish Grid co-ordinates can be found for any point on the map.

Compatible with other OSNI data and so can be combined with vector mapping or address information e.g. Pointer®.

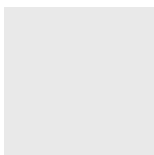
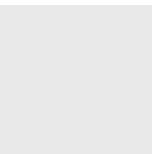
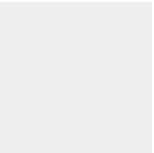
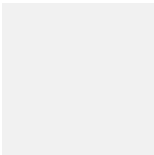
The 1:10 000 Scale Raster mapping is continually updated for currency and accuracy in line with OSNI map revision policy.

## Technical Information

- ◆ Can be displayed on virtually any graphic software package
- ◆ Fully edge-matched
- ◆ High resolution – 600dpi
- ◆ Supplied in uncompressed tiff, tiff packbits (compressed) and Enhanced Compressed Wavelet (ECW) formats complete with tiff word files to geo-reference each tiff
- ◆ Supplied in tiles, each tile covering a quarter of an Irish Grid sheet, average file size is 12mb
- ◆ Area covered by each tile 4.8km x 3.2km



# 1:10 000 Scale Raster



## Applications

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

## 1:10 000 Scale Raster in Action

Primarily aimed at customers such as Geological Survey of Northern Ireland (GSNI), the 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 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 use 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.

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