

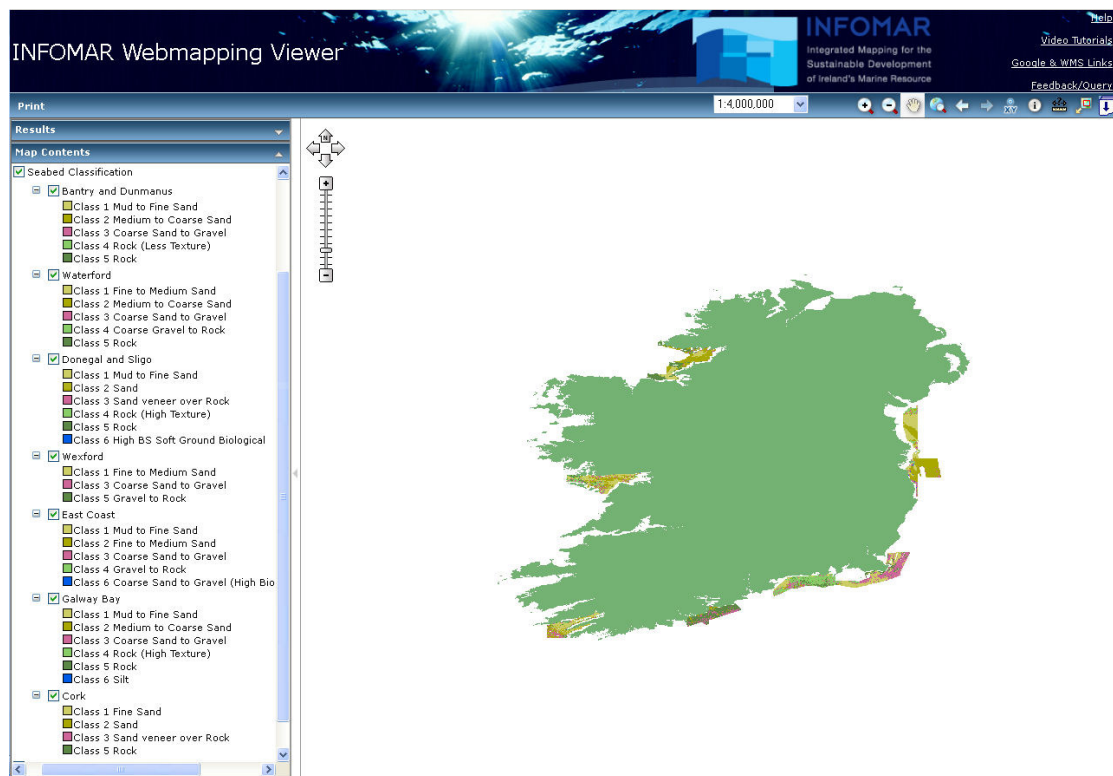


Seabed Classification Grids

Seabed classification is an advanced process in which a backscatter image is interrogated using special software in order to divide it into areas which have similar characteristics. Areas which have a similar nature are grouped together into classes. These classes are colour coded and developed into seabed classification charts. The classes on the chart are then physically sampled in order to ground truth the classification. This allows INFOMAR to match different sediment types with their corresponding colour class thereby producing classified geological maps of the seafloor.

Important Notes

- The seabed class can be identified for any point in the grid by clicking on the  tool and then clicking on the map.
- The majority of these grids as available to download in chart pdf form, you can do this by switching on the Downloadable Data layer and using the  tool to bring up the links for the charts. These charts are also available from www.infomar.ie.
- For further details on how these grids are created please click [here](#).
- To view ISO19115 standard metadata for multibeam data please click [here](#).



Full Layers list for Seabed Classification (as of 11/10/2011)

- ☒ Seabed Classification
 - ☒ Bantry and Dunmanus
 - ☐ Class 1 Mud to Fine Sand
 - ☐ Class 2 Medium to Coarse Sand
 - ☐ Class 3 Coarse Sand to Gravel
 - ☐ Class 4 Rock (Less Texture)
 - ☐ Class 5 Rock
 - ☒ Waterford
 - ☐ Class 1 Fine to Medium Sand
 - ☐ Class 2 Medium to Coarse Sand
 - ☐ Class 3 Coarse Sand to Gravel
 - ☐ Class 4 Coarse Gravel to Rock
 - ☐ Class 5 Rock
 - ☒ Donegal and Sligo
 - ☐ Class 1 Mud to Fine Sand
 - ☐ Class 2 Sand
 - ☐ Class 3 Sand veneer over Rock
 - ☐ Class 4 Rock (High Texture)
 - ☐ Class 5 Rock
 - ☐ Class 6 High BS Soft Ground Biological
 - ☒ Wexford
 - ☐ Class 1 Fine to Medium Sand
 - ☐ Class 3 Coarse Sand to Gravel
 - ☐ Class 5 Gravel to Rock
 - ☒ East Coast
 - ☐ Class 1 Mud to Fine Sand
 - ☐ Class 2 Fine to Medium Sand
 - ☐ Class 3 Coarse Sand to Gravel
 - ☐ Class 4 Gravel to Rock
 - ☐ Class 6 Coarse Sand to Gravel (High Biologenic Content)
 - ☒ Galway Bay
 - ☐ Class 1 Mud to Fine Sand
 - ☐ Class 2 Medium to Coarse Sand
 - ☐ Class 3 Coarse Sand to Gravel
 - ☐ Class 4 Rock (High Texture)
 - ☐ Class 5 Rock
 - ☐ Class 6 Silt
 - ☒ Cork
 - ☐ Class 1 Fine Sand
 - ☐ Class 2 Sand
 - ☐ Class 3 Sand veneer over Rock
 - ☐ Class 5 Rock

www.infomar.ie

[Geological Survey of Ireland Data Deliver System](#)

