

ORDOVICIAN, DEVONIAN, CARBONIFEROUS AND ASSOCIATED IGNEOUS ROCKS OF THE MINERAL LOCALITIES IN THE GALWAY BAY AREA

LEGEND

MAGMATIC ROCKS
 onshore offshore
 Carna Granite
 Spiddal Granite
 Errisbeg Townland Granite
 Mafic Errisbeg Townland Granite
 Murvey Granite
 Composite Zone Granite
 Roundstone Granite
 Slyne Head Granite
 Undifferentiated Granite
 Basic, ultrabasic rocks and their metamorphic equivalents

CARBONIFEROUS ROCKS
 onshore offshore
 Undifferentiated - NAMURIAN
 Slieveglassha Formation
 Burren Limestone
 Calp Limestone
 Reef/Muddy Fossil. Lt.
 Lower Limestone Shale
 Basal Sandstone

DEVONIAN ROCKS
 Undifferentiated

ORDOVICIAN ROCKS
 Delaney Dome Formation
 South Connemara Group

MINERAL LOCALITIES
 ● Important metallic
 ● Minor metallic
 ▲ Industrial mineral
 ■ Bulk rock

DEVELOPMENT STATUS
 TONROE Working
 Tonroe Previously worked
 Tonroe Not worked

SYMBOLS
 Geological boundaries (broken lines denote uncertainty or offshore)
 Fault (downtrow direction indicated)
 BF - Barne Fault, SF - Shannawona Fault
 Veins, fractures
 Thrust

KEY TO COMMODITIES

ARSENIC	As	IRON	Fe
BARITE	Ba	LEAD	Pb
BISMUTH	Bi	LIMESTONE	Lm
CADMIUM	Cd	MOLYBDENUM	Mo
CALCITE	Ca	PHOSPHATE	P
COAL	Cl	QUARTZ	Qu
COPPER	Cu	SAND & GRAVEL	Sd
FLUORITE	F	SILVER	Ag
GOLD	Au	TUNGSTEN	W
GRANITE	Gr	URANIUM	U
		ZINC	Zn

Scale 1:150,000
 0 5 10 kilometres

NATIONAL GRID SUB-ZONES

The geological map was compiled by P. McArdle and M. Feely from the following sources: Geological Survey of Ireland MS maps, Leake et al. 1981, Max et al. 1978, Daly 1985, Eno 1978, and unpublished data from C.V. MacDermot, M. Geoghegan and M. Feely. (Full references are given in the accompanying Geological Survey of Ireland report RS 97/1).

National Grid values are shown on the perimeter of the map.

Mineral data were compiled by C. O'Raghallaigh and P. McArdle from the following sources: Geological Survey of Ireland Open File Data and Minerals Inventory Databank, Max and Talbot 1986, Reynolds et al. 1990.

This map is produced in collaboration with the Department of Geology, University College Galway. Series co-ordinator: Dr. P.R.R. Gardiner Assistant Director: Dr. R.R. Horne.

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Uncoloured onshore parts of the map represent Precambrian and Lower Palaeozoic rocks where mineral localities are described in separate G.S.I. Mineral Localities Reports. However the position and nature of nearby mineral localities are shown for ease of reference.

The bedrock geology shown here was completed in 1990 and in some instances may not be the most modern version. If you wish to ascertain the most modern version please consult the 1:100,000 Bedrock Series (sheets 10, 14)

