



## **Appendix 8 Geological Heritage of County Galway**

## Areas of Geological Interest County Galway

### Introduction

The overall planning policies for the areas of geological interest in County Galway are set out in Volume 1, Chapter 10 Natural Heritage, Biodiversity and Green/Blue Infrastructure.

More details and the locations of the 134 Geological sites are outlined in the *Geological Heritage of County Galway – An Audit of County Geological Sites in County Galway (2019)* and the Geological Survey of Ireland website. The lists of areas of geological interest in County Galway are set out below.

### Areas of Geological Interest County Galway

Site	Geological Interest	Designation	Location/ Townlands	Nearest Town/Village
Altnagalghera-Benchoona-Salrock-Rosroe	Cambrian-Silurian, Igneous intrusions	County Geological Site; recommended for Geological NHA	Lettergesh West, Lettergesh East, Culfin, Glassillaun, Salrock, Rosroe, Foher, Letterettrin, Lecknavarna	Leenaun, Tully Cross, Letterfrack
An Chaladh Mór	Igneous intrusions	County Geological Site	na hAille (Aille)	Indreabhán
An Cnapach	Igneous intrusions	County Geological Site	An Cnapach (Crappagh)	Leitir Mealláin
Annaghbeg Bog	Quaternary, Hydrogeology	County Geological Site; recommended for Geological NHA	Addergoole West, Addergoole North, Ballyeighter, Annaghbeg, Gortbrackmoor, Ballyglass, Cool, Eglis	Ahascragh
Aran Islands	Karst, Quaternary, Coastal Geomorphology, Fluvial and Lacustrine Geomorphology	County Geological Site; recommended for Geological NHA	Onaght, Kilmurvy, Oghil, Killeany (Inish Mór), Carrowntemple, Carrownlisheen (Inish Meáin), Inisheer (Inish Oirr)	Rossaveel (ferry)
Ardmore	Igneous Intrusions	County Geological Site	Caladh Mhainse (Callowfinish)	Carna
Aughnanure Castle	Karst	County Geological Site	Aughnanure Oughterard	Oughterard
Aughrim Bog	Hydrogeology	County Geological Site	Monasternalea, Knockaunarainy, Clooncannon, Aghrane	Ballygar
Ballinasloe Esker	Quaternary	County Geological Site	Highfield, Cappagh, Northbrook, Derradda, Knockglass, Balynamockagh, Perssepark, Pollboy, Kilcloony, Tobergrellan, Portiuncula Hospital	Ballinasloe

Ballybanagher M17 Road Cut	Lower Carboniferous	County Geological Site	Townlands Ballybanagher, Ballinphuill	Corrofin
Ballyconneely Bay Drumlin	Quaternary	County Geological Site	Ballyconneely	Ballyconneely
Ballydotia	Karst	County Geological Site	Ballydotia, Ballynahallia	Moycullen
Ballyglunin Cave	Karst	County Geological Site	Ballyglunin	Corrofin, Abbey, Monivea
Ballylee Hammerhead Sinks	Karst	County Geological Site; recommended for Geological NHA	Newhall, Cloonanearla, Ballynabucky	Gort
Ballymaglancy Cave	Karst	County Geological Site	Baile Fearainn (Ballymaglancy)	An Fhairche
Beagh Sink – Pollduagh System	Karst	County Geological Site; recommended for Geological NHA	Cloonahaha, Prospect, Laghtyshaughnessy	Gort
Bohaun	Mineralogy, Economic Geology	County Geological Site	Cloonahaha, Prospect, Laghtyshaughnessy	Corr na Móna (Cornamona)
Boleyneendorrish River	Quaternary	County Geological Site; recommended for Geological NHA	Drumminacoosaun	Gort
Bóthar na Scrathóg	Igneous intrusions	County Geological Site	Gowla, Gowlan East	Cashel
Boyounagh Turlough	Karst, Hydrogeology	County Geological Site	Townlands Cashel, Patch	Glenamaddy
Bullaunagh Sinks	Karst	County Geological Site	Bullaunagh	Ardrahan
Bun na gCeapán	Igneous Intrusions, Precambrian	County Geological Site	Cluais Chéirín (Closhgreen)	Oughterard
Bunnacunneen	Cambrian-Silurian	County Geological Site; recommended for Geological NHA	An Gabhlán (Gowlaun), An Chorr Riabhach (Currarevagh, Na Grigíneacha (Griggins))	
Caherateemore M17 Road Cut	Lower Carboniferous	County Geological Site	Caherateemore North, Caherateemore South, Sheeaunpark	Athenry

Caherglassaun Turlough	Karst, Economic Geology	County Geological Site; recommended for Geological NHA	Caherglassaun, Killomorán, Ballynastaig, Shigaunagh	Gort, Kinvara
Cappacasheen Epikarst	Karst	County Geological Site; recommended for Geological NHA	Cappacasheen, Killinny West	Kinvara
Carrownagappul Bog	Quaternary, Hydrogeology	County Geological Site; recommended for Geological NHA	Springlawn, Gunnodé, Carrownagappul, Tully, Ballynaláhy, Carrownagannive	Mountbellew Bridge
Castledaly	Quaternary	County Geological Site	Castledaly	Gort
Claddaghduff Barnahallia Lough	Mineralogy, Igneous intrusions, Economic Geology	County Geological Site	Barnahallia	Claddaghduff
Claddaghduff Streamstown Bay	IGH6 Mineralogy, Igneous intrusions	County Geological Site; recommended for Geological NHA	Townlands Leagaun, Grallagh	Claddaghduff
Claggan Quarry	Mineralogy	County Geological Site	An Cloigeann (Claggan)	Maam Village
Cleggan Head	Precambrian	County Geological Site	Cleggan	Cleggan
Clements Mine	Economic Geology, Mineralogy	County Geological Site	An Cheathrú Gharbh (Carrowgarriiff)	An Mám (Maam)
Cloonloan	Precambrian	County Geological Site	Cloonloan	Tully Cross
Cloonnacartan	Mineralogy	County Geological Site	Cloonnacartan	Recess
Cong Springs and Pigeon Hole	Karst, Hydrogeology	County Geological Site; recommended for Geological NHA	Cluain na Marbh (Cloonamarve), Clochar (Clogher), Áthe na Fuinseoige (Ashford or Cappacorcorcoge), Creig an Rí (Creggaree)	Conga
Coole Cave and Polldeelin	Karst	County Geological Site;	Coole Demesne	Gort

		recommended for Geological NHA		
Coole-Garryland Complex	Karst	County Geological Site; recommended for Geological NHA	Castlequarter, Newtown, Glenbrack, Coole Demesne, Knockaunatouk, Cloonteen, Garryland, Doonowen, Ballynastaig, Crannagh, Raheen Demesne, Lisheencrannagh, Lydacan	Gort
Cornamona	Precambrian	County Geological Site	Corr na Móna	Corr na Móna
Corranellistrum	Karst	County Geological Site	Corranellistrum, Kylemore, Carrowmore, Srue	Oughterard
Corranroo Springs	Karst	County Geological Site; recommended for Geological NHA	Leagh North, Roo Demesne	Kinvara
Costelloe Murvey Granite Quarry	Igneous intrusions	County Geological Site; recommended for Geological NHA	Cloghmore North	Indreabhán (Inveran)
Costelloe Road Cutting	Igneous intrusions	County Geological Site; recommended for Geological NHA	Derrynea (Doire and Fhéich)	Casla (Costelloe)
Cregg Quarry	Precambrian, Economic Geology	County Geological Site	An Chreig (Cregg)	Leitir Freaic (Letterfrack)
Croaghill Turlough	Karst, Hydrogeology	County Geological Site	Croaghill, Parkbaun, Carrowneany, Brierfort	Williamstown
Cur Hill	Precambrian	County Geological Site; recommended for Geological NHA	An Chórr (Cur), An Raithe (Raithe), Mám Gamhna (Maumgawnagh)	An Mam (Maam Village)
Curraghduff Middle	Economic Geology	County Geological Site	Curraghduff Middle, Curraghduff West	Oughterard
Currywongaun	Igneous intrusions	County Geological	Corr Uí Mhongáin (Currywongaun)	Kylemore

		Site; recommended for Geological NHA		
Dawros	Mineralogy, Igneous intrusions	County Geological Site; recommended for Geological NHA	Dawros More	Letterfrack
Derryclare Marble Quarry	Mineralogy, Precambrian	County Geological Site	Cúil na Ceártan (Cloonacartan)	Sraith Salach (Recess)
Derrylea Road Cutting	Precambrian	County Geological Site; recommended for Geological NHA	Derrylea	Clifden
Derrynagran Bog and Esker	Quaternary, Hydrogeology	County Geological Site	Cloonboo Beg, Cloonboo More, Derrynagran, Cloonagh, Cloonkeen Eighter, Ballinphuill	Moylough
Derryoobar Blast Furnace	Economic Geology	County Geological Site; recommended for Geological NHA	Derryoobar East Woodford	Woodford
Dogs Bay	Igneous intrusions	County Geological Site	Townlands Errisbeg West	Roundstone
Dogs Bay and Gorteen Bay	Coastal Geomorphology, Quaternary	County Geological Site; recommended for Geological NHA	Errisbeg West, Ervallagh	Roundstone
Doon Hill	Igneous intrusions	County Geological Site; recommended for Geological NHA	Bunowen More	Ballyconneely
Dooros	Economic Geology	County Geological Site	T Dúros (Dooros)	Corr na Móna (Cornamona)
Dunmore Esker	Quaternary	County Geological Site; recommended for Geological NHA	Kildaree, Flaskagh More, Flaskagh Beg, Drumbane, Shrule, Quarter, Ballgh East, Ballagh West, Ballymoney South,	Dunmore

			Menus Park, Pollaphuca, Menus, Knockaunnagat, Roy, Kilnaslieve, Gardenfield, Graigueachullaire, Grange, lenamore, Castletown, Meelick West, Masmore, Carrowbaun, Carnaun, Curraghaun, Carrownagarry, Kilcreevanty	
East Galway Moraines	Igneous intrusions	County Geological Site	Errisbeg West	Roundstone
Errisbeg Mountain	Igneous intrusions	County Geological Site	Errisbeg West	Roundstone
Glencoaghan	Precambrian, Quaternary	County Geological Site; recommended for Geological NHA	Glen Chóchan (Glencoaghan), Doire na bhFlann (Derrynavlaun)	Sraith Salach (Recess)
Glengowla Lead Mine	Mineralogy, Economic Geology	County Geological Site; recommended for Geological NHA	Glengowla East	Oughterard
Glentrasna Road	Igneous intrusions	County Geological Site	Glentrasna	Maam Cross
Gortgar Drumlins	Quaternary	County Geological Site	Cnoc an Easair, Leamhchoill, Seanadh Gharráin	An Spidéal
Gortgarrow Spring	Karst, Hydrogeology	County Geological Site	Gortgarrow	Clonbern, Glenamaddy
Gorumna Island	Cambrian-Silurian, Igneous intrusions	County Geological Site; recommended for Geological NHA	An Máimin, Tír an Fhia	Leitir Móir
Gowla	Igneous intrusions	County Geological Site	Gabhla	Sraith Salach (Recess)
Gowlan East	Mesozoic and Cenozoic, Quaternary	County Geological Site; recommended for Geological NHA	An Gabhlán Thoir (Gowlan East)	Roundstone

Hill 707	Lower Carboniferous	County Geological Site; recommended for Geological NHA	Knockash	Loughrea
Inish Granite	Igneous	County Geological Site	Pollrevagh, Doonloughan,	Ballyconneely
Inishark	Economic Geology, Mineralogy, Coastal Geomorphology, Quaternary	County Geological Site; recommended for Geological NHA	Inishshark	Cleggan (ferry)
Inishbofin	Economic Geology, Mineralogy, Coastal Geomorphology, Quaternary	County Geological Site; recommended for Geological NHA	Townlands Cloonamore, Knock, Middlequarter, Fawnmore, Westquarter	Cleggan (ferry)
Inishmacatreer Rohrenkarren	Karst, Fluvial and Lacustrine Geomorphology	County Geological Site; recommended for Geological NHA	Townlands Inishmacatreer	Headford
Inveran Drumlin	Quaternary	County Geological Site	An Cnoc	An Spidéal
Kanrawer Drumlin	Quaternary	County Geological Site	Kanrawer	Tully
Kilkerrin Turlough	Karst, Hydrogeology	County Geological Site	Lehinch, Rockfield West	Kilkerrin
Killary Harbour	Quaternary	County Geological Site; recommended for Geological NHA	Inishbarna, Rosroe, Foher, Bunowen, Tullyconor, Derrynacleigh, Leenaun, Letterbrickaun, Glennagevlagh (all Galway) Letterass, Lettereeragh, Bunndorragha, Uggool, Derreennanalbanagh, Derreennawinshin, Derry (all Mayo)	Leenaun
Killimor Esker	Quaternary	County Geological Site	Ahanduff More, Ahanduff Beg, Conorspark, Ardane, Moneenaveena, Hearnesebrooke Demesne, Kilmore,	Killimor



			Rusheeney, Killimor and Boleybeg, Garrynasillagh, Garryad and Garryduff, Lissaniska South, Muingbaun, Cloonaghmore, Woodfield, Deerpark, Kilquain, Ballinlug, Longford, Tiranascragh	
Kiltullagh Lough	Karst, Quaternary	County Geological Site; recommended for Geological NHA	Creggaun, Shannagh Beg, Kiltullagh, Lehurick, Monagormley	Glenamaddy
Kinvara Springs	Karst	County Geological Site; recommended for Geological NHA	Dungory West	Kinvara
Knockanbaun Ridge	Precambrian, Mineralogy	County Geological Site	Deereen, Knockanbaun, Poundcarton, Lee, Gowlaunlee, Bunasviskaun	Leenaun
Knockmaa	Karst, Carboniferous to Pliocene Palaeontology, Quaternary, Mesozoic and Cenozoic	County Geological Site; recommended for Geological NHA	Pollnahallia, Killwullaun, Kildrum, Stonepark or Bawnmore, Carrowconlaun, Bohercuill, Cave, Caltragh, Tobermina, Carheens, Fearagha, Biggera Beg, Castlehackett, Carrowbeg South, Cartron, Carrowntemple, Knockacarrigan, Ballaghbaun	Headford, Tuam
Knockmaa Quarries	Karst, Lower Carboniferous, Mesozoic and Cenozoic	County Geological Site	Cartron	Tuam
Knocknagreana	Igneous Intrusions	County Geological Site; recommended	Furboghgarve (Na Forbacha Garbha)	Na Forbacha (Furbo)

		for Geological NHA		
Lackavrea	Precambrian, Mineralogy	County Geological Site	Leic Aimhréidh (Lackavrea)	An Mam (Maam Village)
Leenaun	Quaternary	County Geological Site; recommended for Geological NHA	Leenaun	Leenaun
Letterfrack Granite	Igneous	County Geological Site	Letterfrack	Letterfrack
Lettershinna Hill	Igneous intrusions	County Geological Site	Lettershinna	Sraith Salach (Recess)
Levally Lough	Karst, Quaternary	County Geological Site; recommended for Geological NHA	Cappadavock, Curraghreen, Corralea, Kilgarriff North, Kilgarriff South	Tuam
Lippa	Igneous intrusions	County Geological Site	Lippa	Na Forbacha (Furbo)
Loch na gClocha Ballagh	Igneous intrusions	County Geological Site	Gleann Treasna (Glentrasna)	Maam Cross
Loch na hUillean – Lochán an Bhurca	Igneous intrusions	County Geological Site	Townlands TOWNLAND(S) Na hUilliní, Cnoc an Phréacháin (Illeny, Knockaphreaghaun)	Maam Cross
Lough Corrib	Fluvial and Lacustrine Geomorphology, Karst, Quaternary	County Geological Site; recommended for Geological NHA	Townlands Numerous	Moycullen, Oughterard, Corr na Móna, Conga, Headford
Lough Coy	Karst	County Geological Site; recommended for Geological NHA	Loughaunawadda	Gort
Lough Lurgan Bog/Glenamaddy Turlough	Quaternary, Hydrogeology	County Geological Site; recommended for Geological NHA	Glenamaddy, Mountkelly, Barna, Cloondoyle More, Cloondoyle Beg, Ardoslough, Gortnagier East, Kiltullagh, Carrowntober West, Carrowntober East, Ashfield, Cloonlara	Glenamaddy

			South, Faartan, Corramaeegh, Cappagh, Derrooghs	
Lough Nafoeey Waterfall	Cambrian - Silurian, Fluvial and Lacustrine Geomorphology	County Geological Site	An Gabhlán Oirr (Gowlaun East)	Fionnaithe (Finny)
Lough Nahasleam	Precambrian, Igneous intrusions	County Geological Site	Knockaphreaghau	Maam Cross
Lough Namackanbeg	Fluvial and Lacustrine Geomorphology	County Geological Site; recommended for Geological NHA	Letterpeak, Shannagurraun	An Spidéal
Lough Oorid Quarry	Mineralogy	County Geological Site; recommended for Geological NHA	Shannakeela	Maam Cross
Mace Head	Mineralogy, Igneous intrusions, Economic Geology	County Geological Site; recommended for Geological NHA	An Más (Mace)	Carna
Mannin Bay	Coastal Geomorphology, Quaternary	County Geological Site	Drimmeen, Keerhaun North, Curhownagh, Derryeighter, Drinagh, Maum, Ballinaboy, Derrigimlagh, Mannin More, Mannin Beg, Knock	Ballyconneely, Clifden
Mannin Thrust	Cambrian-Silurian, IGH5 Precambrian	County Geological Site; recommended for Geological NHA	Ballinaboy, Derryeighter, Derrigimlagh, Maum	Clifden
Maumeen	Precambrian, Mineralogy	County Geological Site	Doire Bhéal an Mháma (Derryvealawauma), Tir na Cille Théas (Teernakill South)	An Mam (Maam Village), Sraith Salach (Recess)
Maumtrasna	Quaternary, IGH8 Lower Carboniferous	County Geological Site; recommended	Tawnaleen, Shanafaraghaun	Leenaun

		for Geological NHA		
Moran's Cave	Karst	County Geological Site; recommended for Geological NHA	Cahercon	Gort, Kinvara
Murvey	Igneous intrusions, Mineralogy	County Geological Site	Murvey	Roundstone
Oldchapel Quarry	Lower Carboniferous	County Geological Site	Rushveala	Oughterard
Oughterard Granite	Igneous	County Geological Site	Leic Amhréidh	Teach Dóite (Maam Cross)
Oughterard – Owenriff Falls	Mineralogy, Lower Carboniferous	County Geological Site; recommended for Geological NHA	Townlands Oughterard	Oughterard
Owenduff Bridge	Cambrian-Silurian	County Geological Site; recommended for Geological NHA	Townlands Lecknavarna, Bunowen, Lettershanbally	Leenane
Park Esker	Quaternary	County Geological Site	Polleighter, Creggaun, Monagormley, Park East, Ahaun	Glenamaddy
Peterswell Turlough	Karst	County Geological Site; recommended for Geological NHA	Turlough-Nacloghdoo Commons, Limepark North, Blackrock, Loughaunawadda	Gort
Pollaloughabo	Karst	County Geological Site; recommended for Geological NHA	Carrowkilleen	Gort, Kinvara
Pollbehan	Karst	County Geological Site; recommended for Geological NHA	Carrowkilleen	Gort, Kinvara
Pollnahallia	Quaternary, Mesozoic and Cenozoic	County Geological Site;	Pollnahallia	Headford

		recommended for Geological NHA		
Pollnadirik	Karst	County Geological Site; recommended for Geological NHA	Ballykilladea	Gort, Kinvara
Rahally M6 Road Cut	Lower Carboniferous	County Geological Site	Rahally, Cross	New Inn
Rahasane Turlough	Karst	County Geological Site; recommended for Geological NHA	Rahasane	Craughwell
Roevehagh M18 Road Cuts	Lower Carboniferous	County Geological Site	Ballynastaig (Dunkellin By), Toberbracken, Roevehagh	Clarinbridge, Kilcolgan
Ross Demesne – Ower Esker	Quaternary	County Geological Site	Ross Demesne, Pribbaun, Garrynagry, Boleyvaunaun, Killannin, Pollagh, Ower, Tulllokyne	Oughterard
Roundstone Granite	Igneous intrusions	County Geological Site	Aillenacally (Aillenacally), Rosroe (Rosroe), Inish Ní (Inishnee)	Roundstone
Rusheenduff	Igneous intrusions	County Geological Site; recommended for Geological NHA	Townlands Rusheenduff	Tully
Sellerna Bay	Mineralogy, Igneous intrusions, Economic Geology	County Geological Site	Rossadillisk	Cleggan
Shannapheasteen Quarry	Mineralogy, Igneous intrusions	County Geological Site	Shannapheasteen	Costelloe
Streamstown Bay Marble Quarry	Precambrian, Economic Geology	County Geological Site; recommended for Geological NHA	Letternoosh	Clifden
Streamstown Peat	Quaternary	County Geological Site	Letternoosh, Letterdean	Clifden

Suck River Callows	Fluvial and Lacustrine Geomorphology	County Geological Site	Garryduff, Annaghcorrib, Kylemore, Lismanny, Cloonascragh, Kellysgrove, Pollboy, Townsparks, Cleaghgarve, Cleabeg, Creggaun, Shanbvoley, Dalysgrove, Addergoole North, Addergoole South, Srahloughra, Derryfadda, Srahgarve, Gortananny, Derreen, Muckanagh North, Tully, Garreer, Srahaunnagort, Cloonruff, Clooncannon, Cloonaspaddaun, Rockwood, Easterfield	Ballinasloe, Ballygar
Summerville Lough	Karst, Hydrogeology	County Geological Site	Mountsilk, Templemoyle, Creggauns, Summerville, Moylough, Moylough More	
Teernakill South	Economic Geology	County Geological Site	Tír na Cille Theas (Teernakill South)	An Mam (Maam Village)
Toormore M6 Road Cut	Lower Carboniferous	County Geological Site	Toormore, Gortnahoon	Cappataggle
Tully Shore	Igneous intrusions, Mineralogy	County Geological Site	Townlands Gorteennaglogh	Tully
Two Mile Ditch Quarry	Lower Carboniferous	County Geological Site	Pollkeen, Ballygarraun	Galway
Tynagh Mine	Economic Geology, Mineralogy	County Geological Site	Derryfrench, Garraunnameetagh	Tynagh
Williamstown Turloughs	Karst, Hydrogeology	County Geological Site; recommended for Geological NHA	Polleagh North, Gortduff, Polleagh South, Beagh, Cloonmaghaura, Coothagh, Curragh West	Williamstown

**Table 1.1 Areas of Geological Interest County Galway**