

David Behan

Cathy Carlton

From: DCEE Planning Notifications <PlanningNotifications@dcee.gov.ie>
Sent: Tuesday 26 August 2025 11:46
To: Appeals2
Subject: ABP-322432-25
Attachments: 2025.08.26 GSI Submission.pdf

Caution: This is an **External Email** and may have malicious content. Please take care when clicking links or opening attachments. When in doubt, contact the ICT Helpdesk.

To whom it may concern,

Please see attached a submission on behalf of Geological Survey Ireland (a section of the Department of Climate, Energy and the Environment) with regard to ABP-322432-25

Please send an acknowledgement of receipt to PlanningNotifications@dcee.gov.ie at your earliest convenience.

Kind regards,
Luke Thompson

—
Luke Thompson, Administrative Officer
Planning Advisory Section

—
An Roinn, Aeráide, Fuinnimh agus Comhshaoil
Department of Climate, Energy and the Environment

—
Teach Tom Johnson, Bóthar Haddington, Baile Átha Cliath, D04 K7X4
Tom Johnson House, Haddington Road, Dublin, D04 K7X4

—
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luke.thompson@dcee.gov.ie



An Coimisiún Pleanála
64 Marlborough Street
Dublin 1, D01 V902

18 August 2025

Re: Application for substitute consent under Section 177E for quarry at Coolsickin, Quinsborough, Co Kildare
Your Ref: ABP-322432-25
Our Ref: 25/129

Dear Sir/Madam,

Geological Survey Ireland is the national earth science agency and is a division of the Department of Climate, Energy and the Environment. We provide independent geological information and interpretation and gather various data for that purpose. Please see our [website](#) for data availability.

With reference to your email received on the 05 August 2025, concerning the Application for substitute consent under Section 177E for quarry at Coolsickin, Quinsborough, Co Kildare, we recommend using our various data sets when conducting the EIAR, SEA, planning and scoping processes for developments, plans and policies. For more detailed information on how to access this data please access 'Data and Maps' [Data & Maps \(gsi.ie\)](#) on our 'Geoscience for planning' webpage. Use of our data or maps should be attributed correctly (please refer to each individual dataset's metadata for correct attribution).

For specific data available for Environmental Assessment and Planning topics please follow this link [[Data by Environmental Assessment and Planning Topic \(gsi.ie\)](#)], where you will find our data arranged by environmental assessment topic as illustrated below:

Land and soils <i>Soil</i> <ul style="list-style-type: none"> Subsoils (Quaternary Geology) Tellus Geochemistry Geotechnical <i>Geology</i> <ul style="list-style-type: none"> Bedrock Geophysics Bedrock & Quaternary 3D 	Water <i>Groundwater</i> <ul style="list-style-type: none"> Aquifers GW vulnerability, GWPSs (GWPPs) <i>Surface water</i> <ul style="list-style-type: none"> Tellus Geochemistry <i>Estuarine & marine waters</i> <ul style="list-style-type: none"> Marine and coastal <i>Flooding</i> <ul style="list-style-type: none"> GWClimate Karst 	Climate Change <i>Carbon accounting / Carbon balance</i> <ul style="list-style-type: none"> Geothermal Carbon capture and storage <i>Climate change trends</i> <ul style="list-style-type: none"> National coastal change assessment
Cultural Heritage <i>Archaeology</i> <ul style="list-style-type: none"> Cherish <i>Underwater Archaeology</i> <ul style="list-style-type: none"> Shipwrecks 	Material Assets <i>Built Services</i> <ul style="list-style-type: none"> Natural resources (Minerals & Aggregates) Active quarries 	The Landscape <i>Landscape Appearance & Character</i> <ul style="list-style-type: none"> Physiographic units <i>Historical landscapes</i> <ul style="list-style-type: none"> Historic mines
Other Relevant Data		
<i>Natural (Geo) hazards</i> <ul style="list-style-type: none"> Landslide Susceptibility Mapping Groundwater flooding Coastal vulnerability Subsidence Radon 	<i>Natural heritage</i> <ul style="list-style-type: none"> Geoheritage (County Geological Sites) Dimension Stone/Stone Built Ireland 	



Other Comments

Geological Survey Ireland would request that the operator might assist our geological heritage goals with the following (and ideally this would be written into the restoration / closure plan) and be included as a condition of planning as deemed appropriate by the planning authority:

1. Allowing access to quarry faces by appropriate scientists (upon request and with due regards to Health and Safety requirements) during quarrying to check for interesting new stratigraphies / relationships as they might become exposed and to establish if the quarry site is worthy of recognition post extraction and through aftercare/restoration planning.
2. If deemed appropriate in (1) above, leaving a representative section of the quarry face at the end of the quarry life or inclusion of information panels to promote the geology to the public or develop tourism or educational resources if appropriate depending on the future use of the site. Natural exposures are few, or deeply weathered, this measure would permit on-going improvement of geological knowledge of the subsurface.

If we can be of any further help, please do not hesitate to contact me Clare Glanville, or my colleague Trish Smullen at GSIPlanning@gsi.ie.

Yours sincerely,

Dr. Clare Glanville
Senior Geologist
Geoheritage and Planning Programme
Geological Survey Ireland

Trish Smullen
Geologist
Geoheritage and Planning Programme
Geological Survey Ireland

The publicly available data referenced/presented here, should in no way be construed as Geological Survey Ireland support for or objection to the proposed development or plan. The data are made freely available to all and can be used as independent scientific data in assessments, plans or policies. It should be noted that in many cases these data are a baseline or starting point for further site specific assessments.



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