David Behan

Colly Coulton

From:

DCEE Planning Notifications < Planning Notifications@dcee.gov.ie>

Sent:

Tuesday 26 August 2025 11:46

To:

Appeals2

Subject:

ABP-322432-25

Attachments:

2025.08.26 GSI Submission.pdf

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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

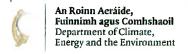
Luke Thompson, Administrative Officer Planning Advisory Section

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

M +353 (0)87 336 7599 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

Soil

- Subsoils (Quaternary Geology)
- **Tellus Geochemistry**
- Geotechnical

Geology

- Bedrock
- Geophysics
- Bedrock & Quaternary 3D

Water

Groundwater

Aquifers GW vulnerability, **GWPSs (GWPPs)**

Surface water

Tellus Geochemistry

Estuarine & marine waters

Marine and coastal

Flooding

- **GWClimate**
- Karst

Climate Change

Carbon accounting / Carbon balance

- Geothermal
- Carbon capture and storage Climate change trends
 - National coastal change assessment

Cultural Heritage

Archaeology

Cherish

Underwater Archaeology

Shipwrecks

Material Assets

Built Services

- Natural resources (Minerals & Aggregates)
- **Active quarries**

The Landscape

Landscape Appearance & Character

- Physiographic units Historical landscapes
- **Historic mines**

Other Relevant Data

Natural (Geo) hazards

- Landslide Susceptibility Mapping
- Groundwater flooding
- Coastal vulnerability
- Subsidence '
- Radon

Natural heritage

- 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:

- 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

Trish Smullen

Senior Geologist

Geologist

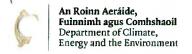
Geoheritage and Planning Programme

Geoheritage and Planning Programme

Geological Survey Ireland

Geological Survey Ireland

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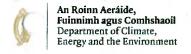
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- Geoheritage (County Geological Sites)
- Dimension Stone/Stone Built Ireland

Geological Survey Ireland, Block 1, Booterstown Hall, Booterstown, Blackrock, Co Dublin, A94 N2R6

Bloc 1, Halla Bhaile an Bhóthair, Baile an Bhóthair, An Charraig Dhubh, Baile Átha Cliath, A94 N2R6

T +353 (0)1 678 2000 www.gsi.ie Fáiltítear roimh comhfhreagras i nGaeilge





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Yours sincerely,

Dr. Clare Glanville Trish Smullen **Senior Geologist** Geologist

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