Ronan Megannety

From: communications

Sent: Tuesday 15 July 2025 11:56

To: Appeals2

Subject: FW: ABP-322722-25

Attachments: 2025.07.15 GSI Submission.pdf

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

Sent: Tuesday, July 15, 2025 11:54 AM

To: communications < communications@pleanala.ie>

Subject: ABP-322722-25

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-322722-25.

Please send an acknowledgment of receipt to <u>PlanningNotifications@dcee.gov.ie</u> at your earliest convenience.

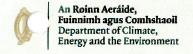
Kind regards, Luke Thompson

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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An Coimisiún Pleanála 64 Marlborough Street Dublin 1, D01 V902

10 July 2025

Re: Restoration of lands through the import of soil and stone to infill disused quarry at Coolsickin, Quinsborough, Co Kildare Our Ref: 25/104

Dear Sir/Madam,

Geological Survey Ireland is the national earth science agency and is a division of the Department of the Environment, Climate and Communications. 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 07 July 2025, concerning the proposed restoration of lands through the import of soil and stone to infill disused 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

Aguifers 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

Natural (Geo) hazards

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

Natural heritage

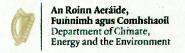
- Geoheritage (County Geological
- Dimension Stone/Stone Built Ireland

Other Relevant Data

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

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www.gsi.ie Fáiltítear roimh comhfhreagras i nGaeilge





We are pleased to see use of our Bedrock, Quaternary Groundwater Flooding, Vulnerability, Recharge, Aquifer, Karst and Wells & Springs maps and datasets within the EIAR.

Other Comments

Should development go ahead, all other factors considered, Geological Survey Ireland would much appreciate a copy of reports detailing any further site investigations carried out. The data would be redacted for confidentiality and added to Geological Survey Ireland's national database of site investigation boreholes, implemented to provide a better service to the civil engineering sector. Data can be sent to the Geological Mapping Unit, at mailto:GeologicalMappingInfo@gsi.ie.

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,

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

Geoheritage and Planning Programme Geoheritage and Planning Programme

Geological Survey Ireland 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.