Photomontage Images of Proposed Scart Quarry Extension

Scart, Co. Cork

Date: July 2019

Project:
Scart Quarry Extension

Prepared for:
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Photomontage Methodology

Photography

The photos were taken using a Canon Eos T5i camera on the May 21st, 2019. Camera positions are indicated on the viewpoint map.

Modelling

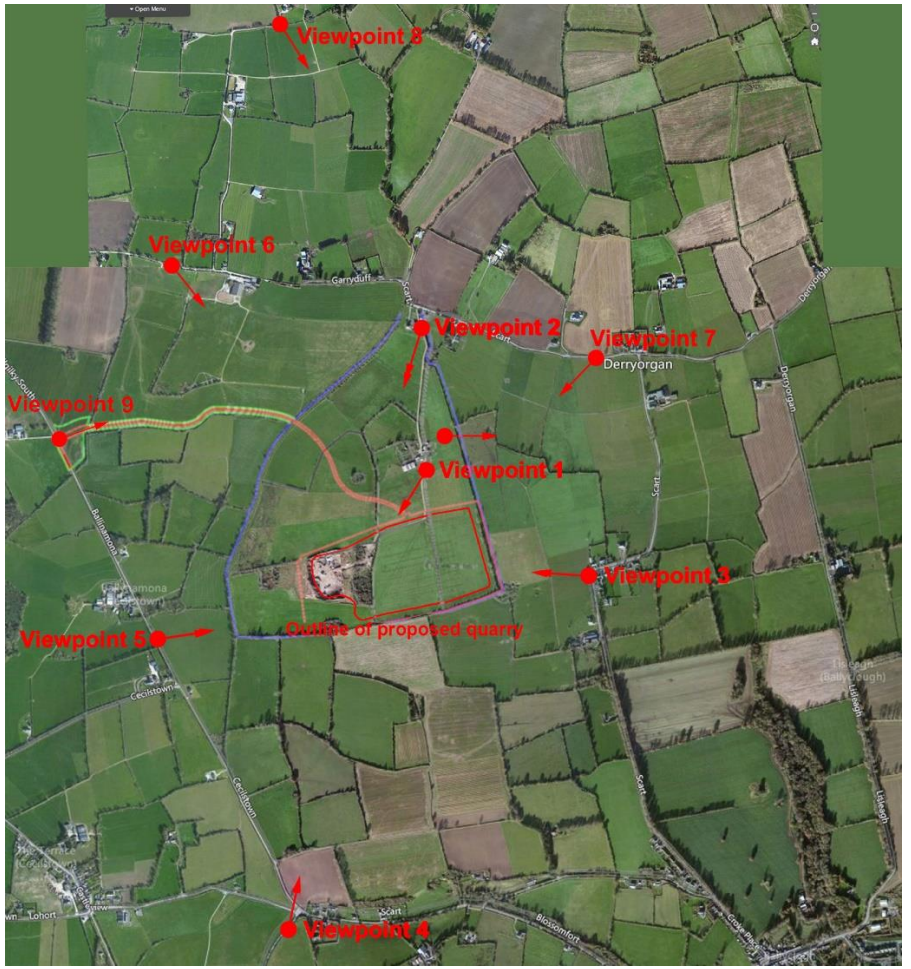
Preparation of an accurate 3D model of the proposed quarry extension together with the landscape and proposed new entrance road.

Setup

The following information is used to accurately position the 3D model into the photographs:
-Site survey,
-Photographs,
-The camera location of each photograph is accurately marked on the location OSi map.

To match the 3D camera view with the photograph we have to take the following steps:
The camera height is taken from information gathered on the levels from where the photos are taken. The height levels of the proposed development are outlined on the site. Focal length is based on the photograph EXIF info.

This data is imported into our 3D software and the 3D camera is matched with the selected photographs. To match the 3D camera accurately we use all the above data and the reference 3D models. The reference 3D models are existing structures ie. buildings, roads, lamps, etc which are visible on the photographs. These items are modelled based on the survey information. After all of the above conditions are fulfilled and we are satisfied that the camera matches correctly, we proceed to the next step.



Viewpoint map

Rendering

We apply the materials and textures prior to rendering the photomontage images. Light settings are adjusted to match the brightness of the photographs and sun is positioned according to the date and time the photo was taken.

Post processing

This process means incorporating a 3D rendered model of the proposed quarry extension dev into the photograph to achieve the final result.

Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 01	**EXISTING**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	NET 3D www.gnet.ie Tel: 021-230 7043

Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 01	**PROPOSED**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

www.gnet.ie
Tel: 021-230 7043

Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 02	**EXISTING**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

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Tel: 021-230 7043

Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 02	**PROPOSED**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

www.gnet.ie
Tel: 021-230 7043

Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 03	**EXISTING**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

NET 3D
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Tel: 021-230 7043

Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 03	**PROPOSED**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

www.gnet.ie
Tel: 021-230 7043

Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 04	**EXISTING**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

www.gnet.ie
Tel: 021-230 7043

Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 04	**PROPOSED**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

NET 3D
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Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 05	**EXISTING**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

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Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 05	**PROPOSED**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

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Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 06	**EXISTING**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

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Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 06	**PROPOSED**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

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Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 07	**EXISTING**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

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Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 07	**PROPOSED**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

NET 3D
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Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 08	**EXISTING**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

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Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 08	**PROPOSED**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

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Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 09	**EXISTING**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	

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Visual Impact Assessment		Issue Date:	Photo info:	Project:	
VIEW 09	**PROPOSED**	25-06-2019	21-05-2019	Proposed Scart Quarry Extension	NET 3D www.gnet.ie Tel: 021-230 7043