# GeoArch

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# Evaluation of archaeometallurgical residues from Garryduff 2, 12E002, N21 Killarney Pole to Barnagh Road Scheme, Co. Limerick

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## Abstract

*The submitted materials comprised 7.6g (c. 70 pieces) of fine-grained pebbles of angular to moderately well-rounded form (depending on lithology) cemented by curving sheets 1-4mm thick of iron oxide. The curving sheets mimic the form of slag sheets around fuel moulds, but the present material is entirely natural and the concavo-convex forms may be due to iron oxide precipitation around now missing clasts, roots or burrows.*

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## Methods

All materials were examined visually with a low-powered binocular microscope where required. As an evaluation, the materials were not subjected to any high-magnification optical inspection, not to any form of instrumental analysis. The identifications of materials in this report are therefore necessarily limited and must be regarded as provisional.

This project was undertaken for the Irish Archaeological Consultancy as part of the N21 Killarney Pole to Barnagh Road Scheme .

## Results

The submitted materials comprised 7.6g (c. 70 pieces) of fine-grained pebbles (i.e. grains of 1-8mm) of angular to moderately well-rounded form (depending on lithology) cemented by curving sheets 1-4mm thick of iron oxide.

The curving sheets mimic the form of slag sheets around fuel moulds, but the present material is entirely natural and the concavo-convex forms may be due to iron oxide precipitation around now- missing clasts, roots or burrows.

The material is thus an example of natural iron pan .

## Interpretation

The material is natural.

## Evaluation of potential

The material is natural and of no archaeological potential. The material does not, therefore, merit retention by NMI.

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*geoarchaeological, archaeometallurgical & geophysical investigations*


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