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# Sample Report

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|---|---|
| **Date of Sample:** | 23 January 2025 |
| **Weather:** | Wet |
| **Project:** | The Gotham Hotel, Manchester |
| **Client:** | CRL Ltd |
| **Samples Carried out by:** | Dale Burns |

## Introduction:

Bullen Conservation were tasked with carrying out some specialist lime pointing samples at the Gotham Hotel, Manchester.

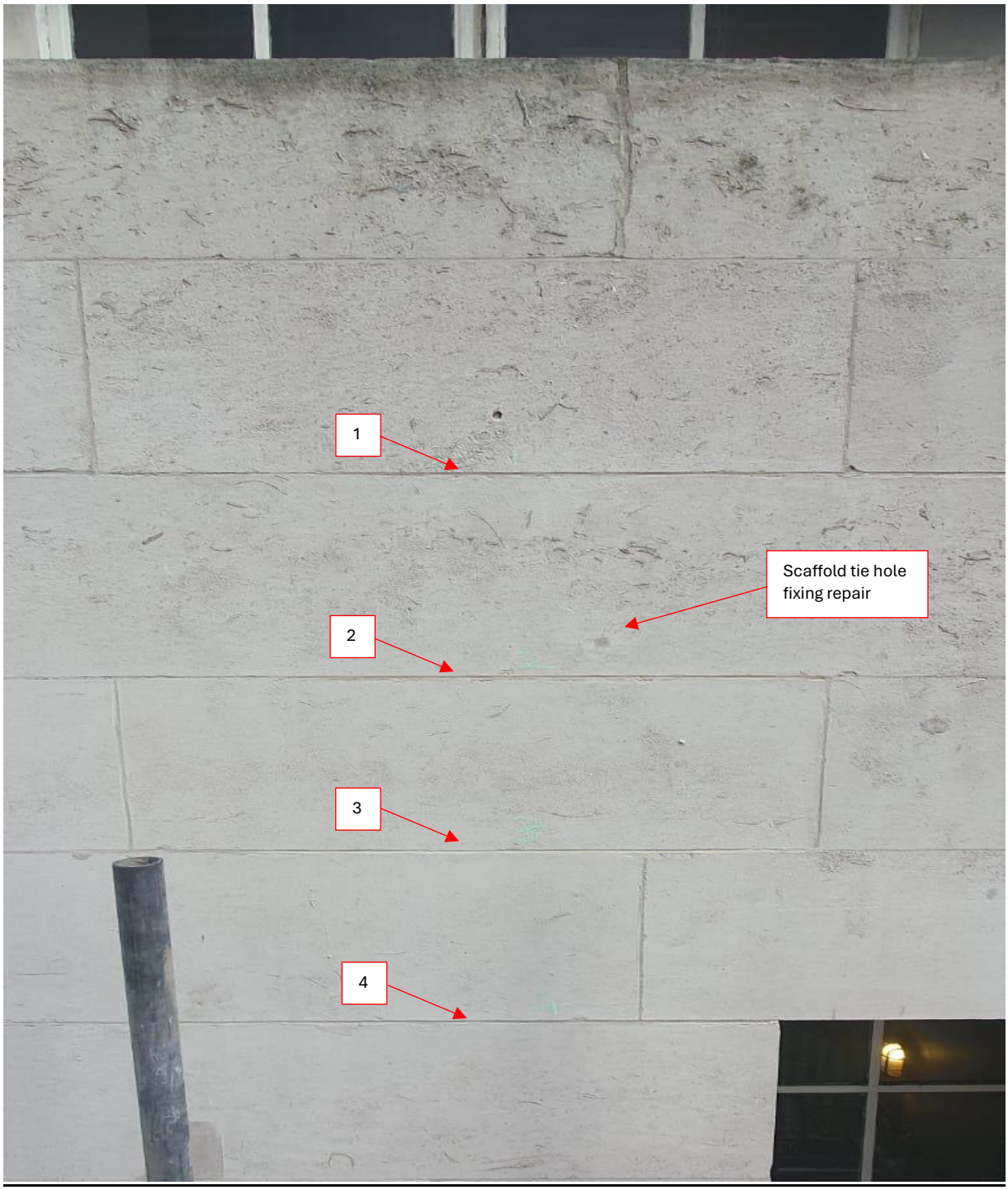
The samples were undertaken as part of the building's ongoing restoration program, which also involved the installation of cathodic protection and the filling of previous scaffold tie holes.

The primary objective of carrying out these repointing samples is to assess the condition of the existing mortar joints along with evaluating the feasibility of achieving the pointing depth required following the installation of cathodic protection and to also determine the appropriate materials and techniques for effective restoration, and ensure that the repointing work aligns with the building's long-term preservation goals. The importance of this sampling process cannot be overstated, as it provides critical data on the current state of the masonry, particularly after the cathodic protection system has been implemented.

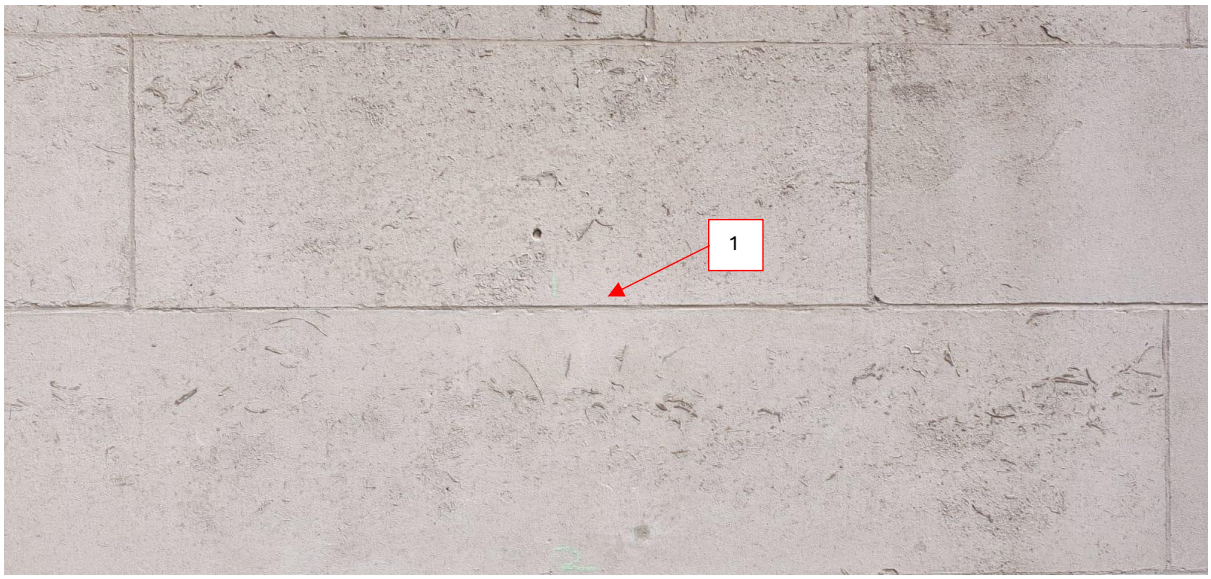


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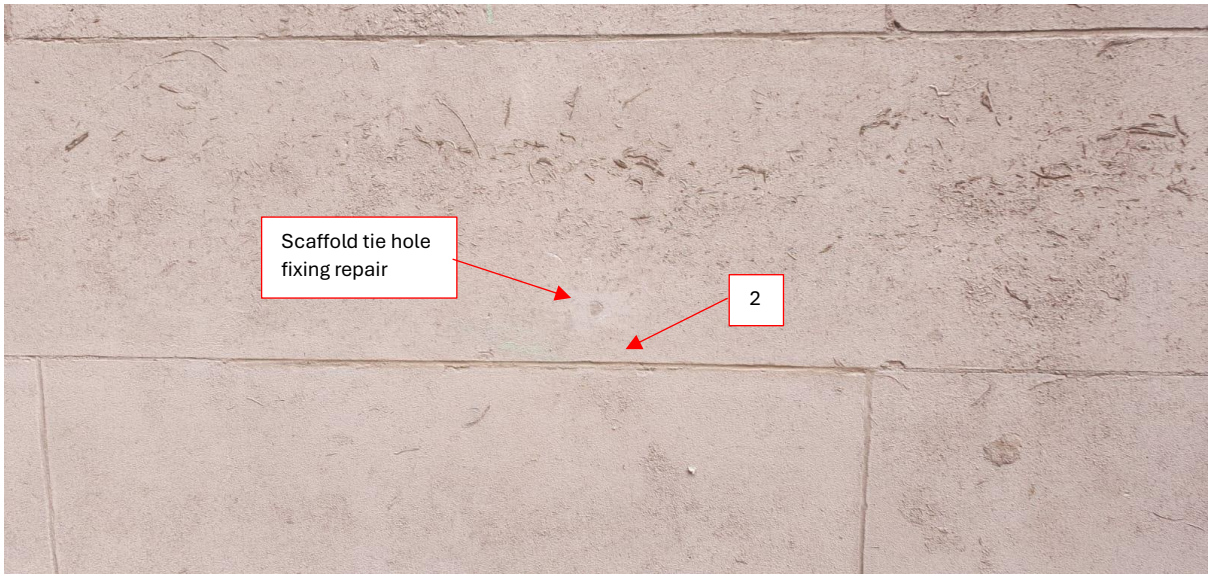
## Pointing Sample Results



Sample 1 - 1.5 Portland Stone Dust
1.5 Silica Sand
1 NHL 3.5
½tsp Black Pigment

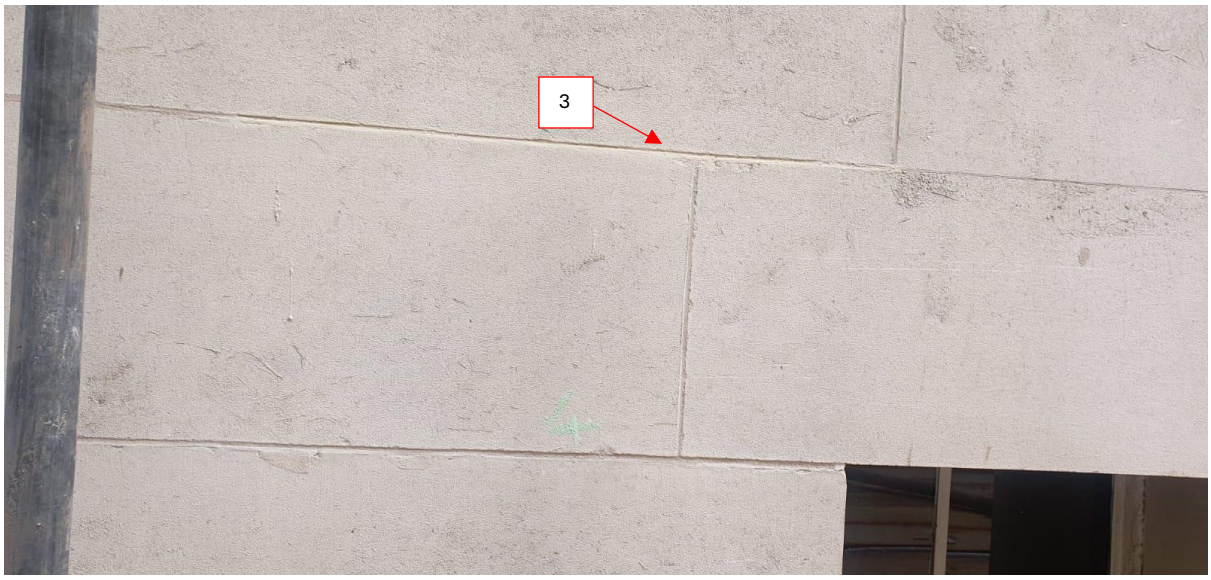



Sample 2 - 1.5 Portland Stone Dust
1.5 Silica Sand
1 NHL 3.5

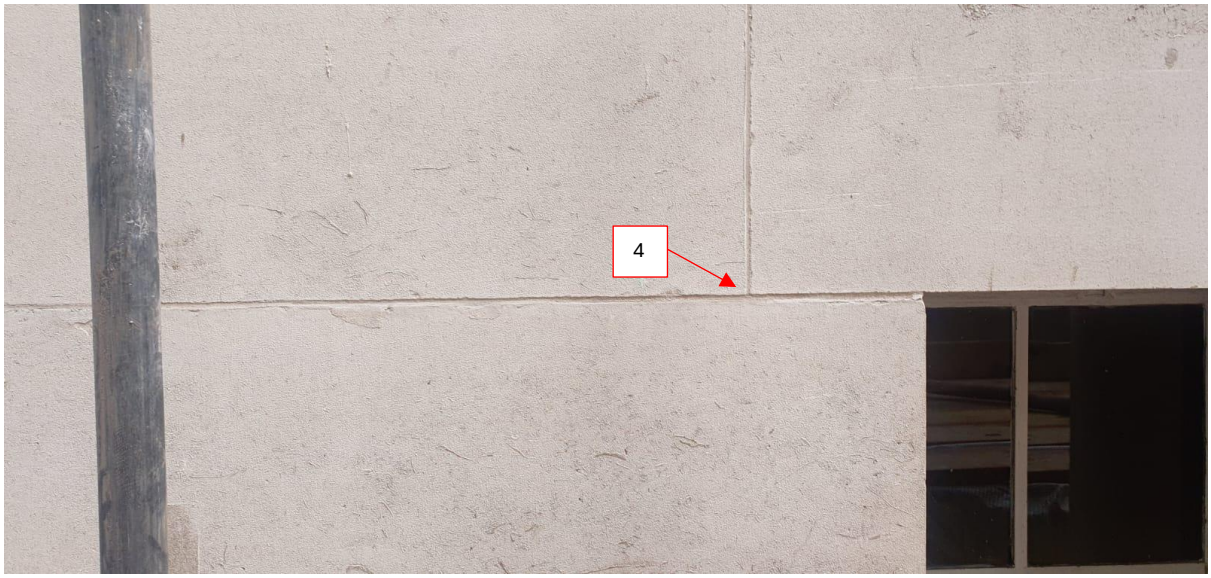



Scaffold tie hole fixing repair – Sample 4

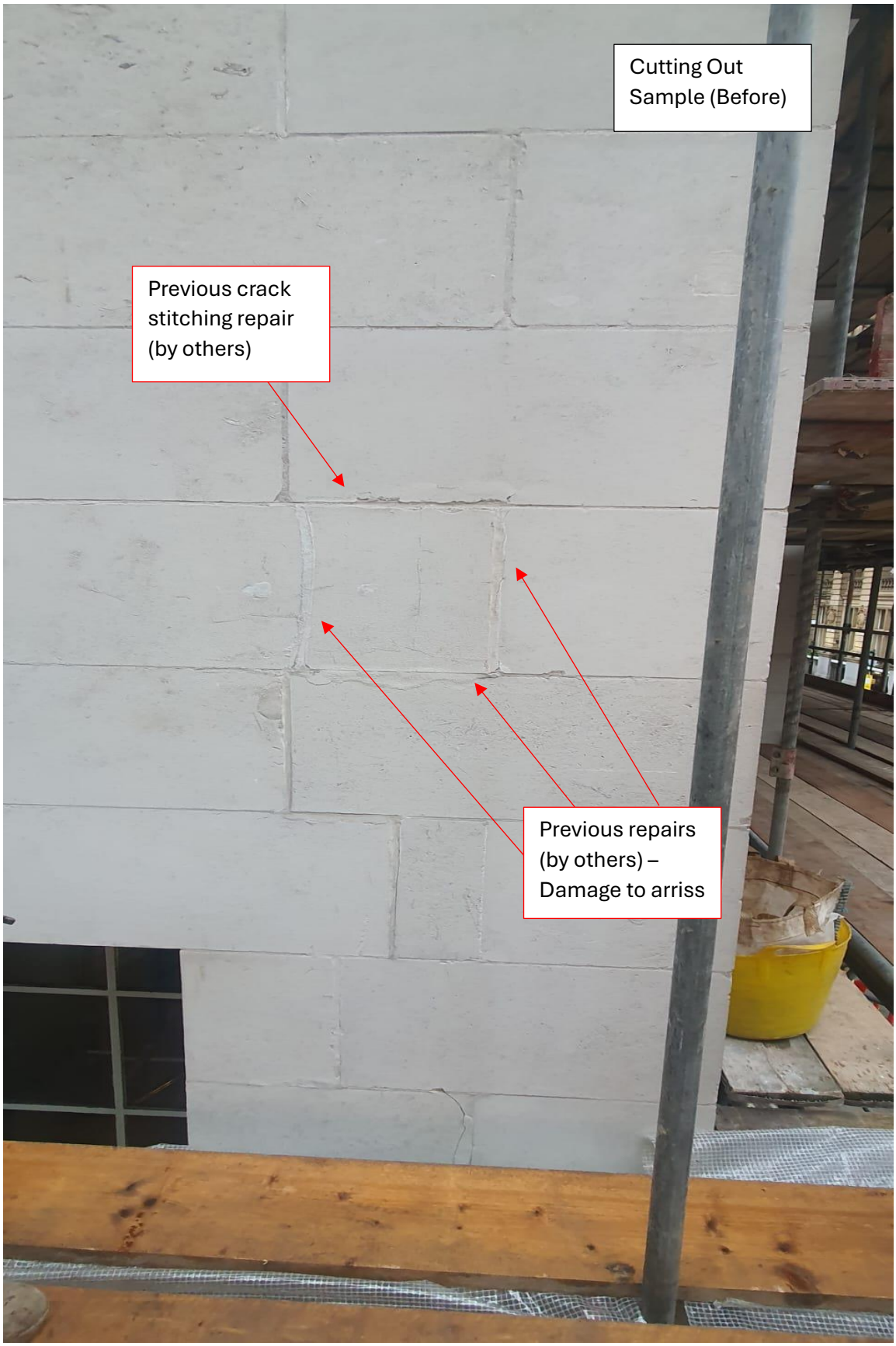
Sample 3 - 3 Portland Stone Dust
1 NHL 3.5




Sample 4 - 3 Silica
1 NHL 3.5



**Cutting Out Sample**



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