UK0045331.9119 TECHNICAL NOTE 1

DATE:	13 July 2026	**CONFIDENTIALITY:**	Confidential
SUBJECT:	Ground Investigation Report		
PROJECT:	The University of Manchester – The Limes Reprovision	**AUTHOR:**	Antony Jones
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WSP have prepared the civil and structural design for the proposed new University of Manchester building at Owen Park, Fallowfield, M14 6YZ. The new building is on the site of an existing car park and is referred to as the FFU.

In order to inform the foundation design, WSP were issued a ground investigation report produced by Hydrock Consulting Engineers, 'University of Manchester: The Relocation of the Limes, Fallowfield Campus, Rev P03, 24/10/2024' by The University of Manchester. Whilst this report was produced for a different, albeit very similar scheme, the data provided appears of adequate detail to inform the civil and structural design for the proposed scheme and no supplementary ground investigation has been deemed necessary.

Key findings of the report were as follows

- Ground conditions – Made ground up to 1.4m deep over glacial till over weathered sandstone.
- Pad foundations with a formation at 2.5m bgl within the high strength glacial till are a suitable foundation solution.
- The presence of trees will require deepening of foundations and heave protection.
- Soakaway drainage considered unsuitable due to low permeability glacial till.
- For concrete below ground structures a Design Sulphate class of DS-1 is appropriate.
- Low levels of contaminated ground were detected within made ground.
- The site is not considered a risk to controlled waters.
- The site is considered to be at low risk from ground gases which will be mitigated by the 1.5m of stiff, low-permeability glacial till between the underside of the pad foundations and weathered sandstone.

Contaminated land mitigation is described in detail in section 7.11 of the Hydrock report and it is the intention that the earthworks contractor will produce a remediation strategy prior to works commencing on site. Whilst remediation measures are anticipated to be minimal, it is expected that a verification report will be produced to confirm compliance with the remediation strategy.