

BGS Geo Reports of a site adjacent to

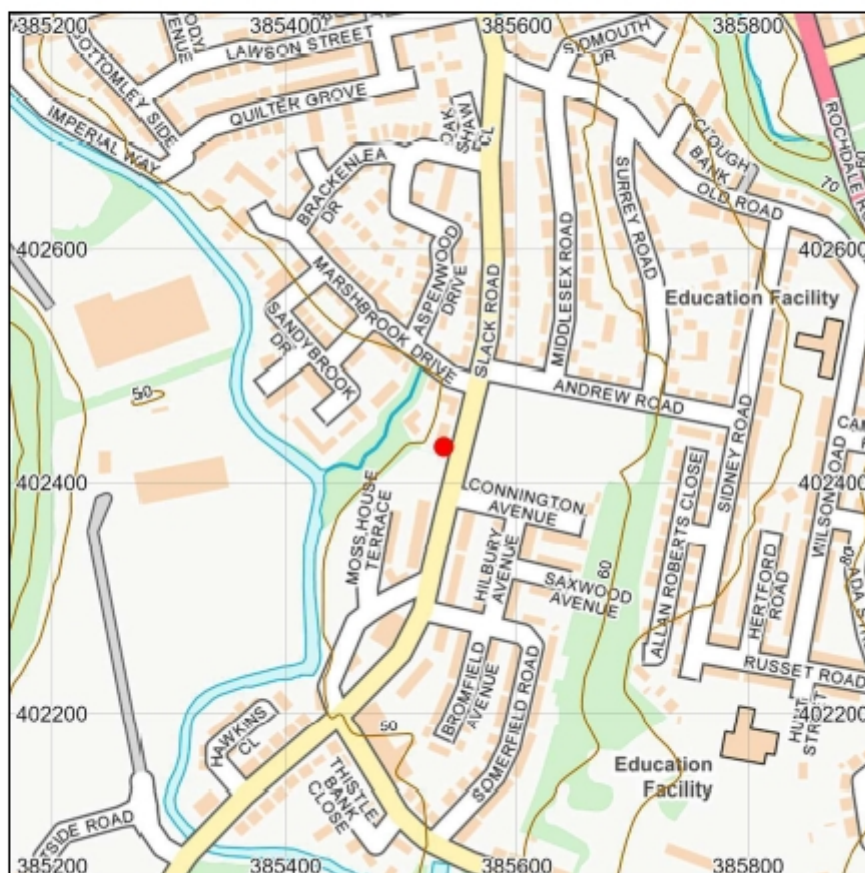
55 SLACK ROAD, Manchester M9 8NJ

GeoReports



British
Geological
Survey

Search location



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Search location indicated in red

Point centred at: 385537,402431

**Manchester City Council Panning application Ref.No:
IN/20/00450**

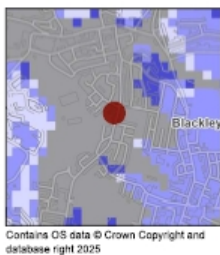
Overview: This document provides a comprehensive assessment of subsurface suitability for infiltration sustainable drainage systems (SuDS).

Introduction

- Sustainable drainage systems (SuDS) manage surface water volume and quality.
- Four main types of SuDS: source control, pre-treatment, retention, and infiltration systems.
- Focuses on infiltration SuDS and their suitability based on subsurface conditions.

Part 1: Summary Data

- Assessment of drainage potential for infiltration SuDS categorized as highly compatible, probably compatible, bespoke opportunities, or significant constraints.



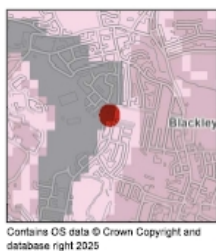
Very significant constraints are indicated. There is a very significant potential for one or more hazards associated with infiltration.

- Ground instability likelihood categorized from very unlikely to very significant potential for geo-hazards.



Ground instability problems may be present or anticipated, but increased infiltration is unlikely to result in ground instability.

- Groundwater quality susceptibility assessed from not vulnerable to made ground presence increasing contamination risk.



Made ground is present at the surface. Infiltration may increase the possibility of remobilising pollutants.

PART-1 OUTCOME: Nearly **67%** of the above three assessments indicate **negativity against infiltration**, therefore the site does not support Infiltration due to increase of risks of associated hazards with infiltration, or increase in remobilising pollutants.