

# GEOTECHNICAL INVESTIGATION REPORT

Site: 123 Sunset Boulevard, Sydney NSW

Client: John Smith

Date: 25 June 2024

Report by: GeoTech Surveyors Pty Ltd

## EXECUTIVE SUMMARY:

A geotechnical investigation was conducted to assess soil conditions for residential construction.

## FINDINGS:

Borehole 1 (Front): 0-0.5m topsoil, 0.5-2.5m clay

Borehole 2 (Rear): 0-0.4m topsoil, 0.4-3.0m clay

Soil Classification: SC (Slightly Reactive Clay)

Bearing Capacity: 150 kPa

## RECOMMENDATIONS:

1. Conventional strip footings suitable
2. Minimum footing width: 450mm
3. Minimum footing depth: 600mm below NGL
4. No special foundation treatment required
5. Good drainage essential

Report prepared by:

Dr. Sarah Chen, Senior Geotechnical Engineer

GeoTech Surveyors