



Compaction & Soil Testing Services Pty Limited

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Job No: NIC 2880

Report No.: GEO AB

6 September 2022

Attention: Nicholas Mason

Re: **Proposed Swimming Pool
5 Brooker Avenue
Beacon Hill NSW 2100
PRELIMINARY GEOTECHNICAL ASSESSMENT**

1.0 Introduction

The work was requested by Nicholas Mason (the client). The site was visited by a geotechnical consultant from Compaction and Soil Testing Services Pty Ltd (CSTS) on the 17th of August 2022.

This report presents the following results:

- A preliminary geotechnical assessment carried out in order to determine whether or not a detailed geotechnical report is required to further address potential landslip risks for the proposed swimming pool development.

2.0 Site Description

The site is located at 5 Brooker Avenue, Beacon Hill NSW. The existing ground and geotechnical site conditions were during our site visit. The proposed development within the subject site is shown on the attached drawing (NIC 2880 – GEO AB plan), comprising the construction of a swimming pool within an existing lot.

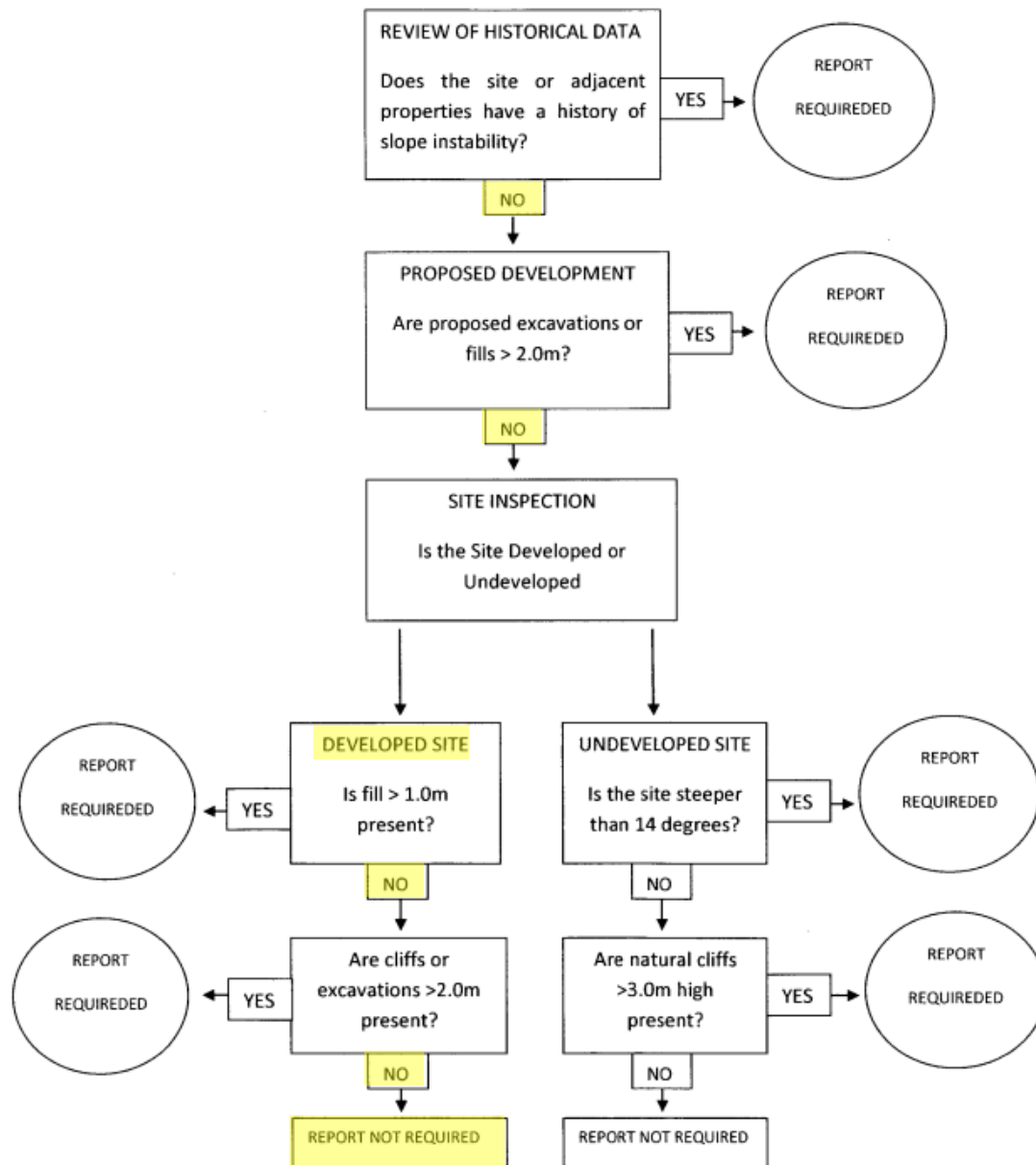
The approximate general slope of the site at its steepest is between 15 and 18 degrees downwards from east to west. Minimal rock and soil exposure was noted and there were no noted signs of instability.

The site subject to this assessment is classified under council guidelines as “Landslip Risk Class B.”

3.0 Results and Recommendations

Further to the information gathered during our investigation as noted above, the council provided preliminary assessment flow chart has been used as a guide to assess the need for further geotechnical assessment:

Preliminary Assessment Flow Chart – Warringah Council



Based on the results of the assessment carried out on the 17th of August 2022, no further geotechnical assessment in regards to landslip risk is required for the proposed development within the subject site. The excavation for the proposed pool is to be in good quality sandstone bedrock and it is recommended to use a saw cut when excavating the sandstone bedrock. Irrespective of this, proper engineering and construction practices should be applied throughout the design and construction of the proposed development.

4.0 Limitations

If there are any changes made to the proposed development or information provided in this report varies from those conditions noted on site, CSTS should be contacted for a reassessment.

Material variations should not be discounted and can be expected. There is no report or inspection which is thorough enough to predict any anomalies that may arise; no matter how comprehensive the investigation program is as the data is derived from limited test locations.

The report has been prepared for the particular project described and no responsibility is accepted for the use of any part of this report in any other context or for any other purpose. If there is any change in the proposed development described in the report then all recommendations should be reviewed.

Should you require further information regarding the above, please do not hesitate to contact our office.

For and on behalf of
Compaction & Soil Testing Services

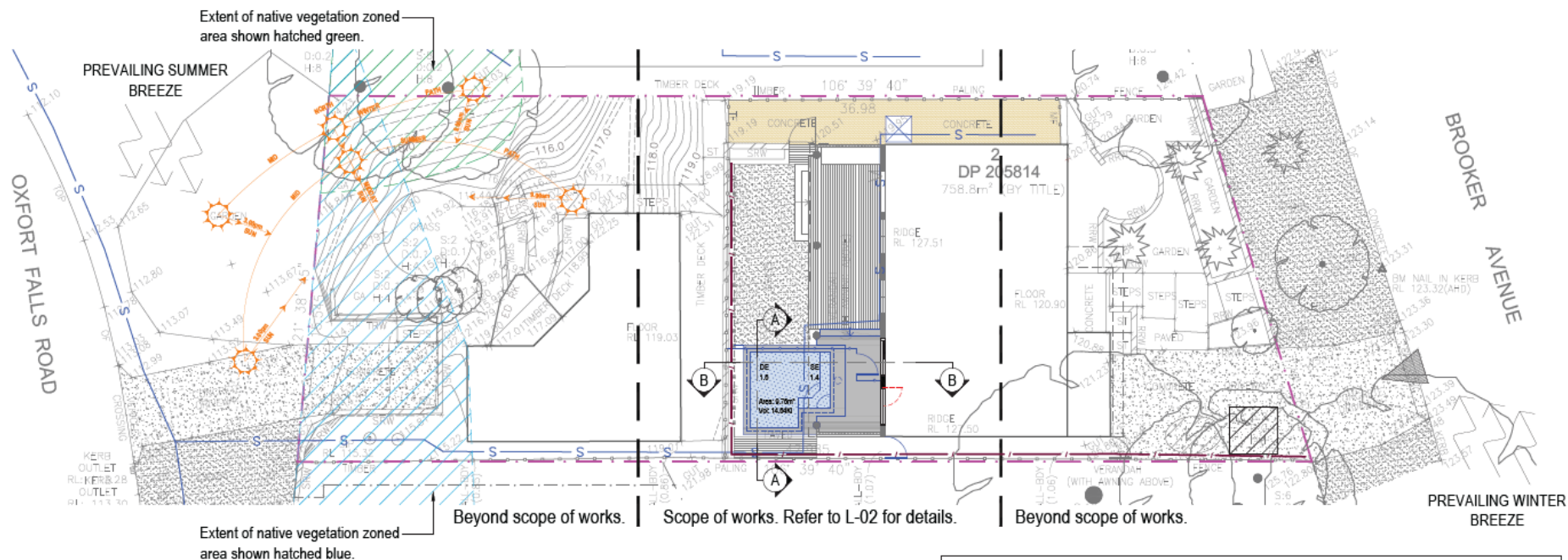
Reviewed by



Gan Sivappirakasam
Geotechnical Engineer



James Tricker
Senior Geotechnical Engineer



Compaction and Soil Testing Services Pty Ltd

CSTS

Notes: This drawing has been produced using a base plan provided by others to which additional information e.g.: density test, DCP and Test Pit locations or notes have been added. Some or all the information shown on the plan may not be relevant at the time of producing this drawing.

Drawn:	GS
Approved:	JT
Date:	6/09/2022
Scale:	NTS

**5 Brooker Avenue
Beacon Hill NSW**

Job No:

NIC 2880 – GEO AB

Drawing No:

**NIC 2880 – GEO AB
plan**