

## SITE CLASSIFICATION CERTIFICATE

<b>Project</b>	Subdivision of Stage 1A: Millars Landing, Baldivis
<b>Address</b>	Lot 263
<b>Site Classification</b>	Class A
<b>Date</b>	24 May 2018
<b>Doc No.</b>	88804.08 Lot 263

Douglas Partners provided geotechnical supervision for the proposed 'Millars Landing' residential subdivision in Baldivis. This included a predevelopment geotechnical investigation and regular site inspections by an experienced geotechnical engineer during the earthworks and civil stages.

A geotechnical engineer from Douglas Partners carried out a site inspection and testing following the completion of bulk earthworks and civil works at Lot 263 on 17 May 2018. Testing included the drilling of one borehole in the centre of the lot and Perth sand penetrometer testing at two locations across the lot.

The ground conditions encountered within this lot consist of sand filling to a depth of 1.8 m overlying clayey sand to 2.0 m depth.

Results of Perth sand penetrometer (PSP) testing are presented in the table below, in PSP blows per 300 mm rod penetration, between depths of 150 mm and 1050 mm below the surface of the lot.

Test Location	Depth		
	150 mm to 450 mm	450 mm to 750 mm	750 mm to 1050 mm
Front of Lot	18	24	18
Back of Lot	17	22	23

Results of the investigation indicate that Lot 263 can be classified as 'Class A' as described in the Australian Standard AS 2870-2011, 'Residential slabs and footings'.

Please contact the undersigned if you have any questions on this matter.

Yours faithfully  
**Douglas Partners Pty Ltd**



**Yujun Chen**  
Geotechnical Engineer

Reviewed by



**Dan Reaveley**  
Senior Associate



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# About this Inspection Report

# Douglas Partners



## Introduction

These notes are provided to amplify DP's inspection report in regard to the limitations of carrying out inspection work. Not all notes are necessarily relevant to this report.

## Standards

This inspection report has been prepared by qualified personnel to current engineering standards of interpretation and analysis.

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## Reports

This inspection report may include advice or opinion that is based on engineering and/or geological interpretation, information provided by the client or the client's agent, and information gained from:

- an investigation report for the project (if available to DP);
- inspection of the work, exposed ground conditions, excavation spoil and performance of excavating equipment while DP was on site;
- investigation and testing that was carried out during the site inspection;
- anecdotal information provided by authoritative site personnel; and

- DP's experience and knowledge of local geology.

Such information may be limited by the frequency of any inspection or testing that was able to be practically carried out, including possible site or cost constraints imposed by the client/contractor(s). For these reasons, the reliability of this inspection report is limited by the scope of information on which it relies.

Every care is taken with the inspection report as it relates to interpretation of subsurface conditions and any recommendations or suggestions for construction or design. However, DP cannot anticipate or assume responsibility for:

- unexpected variations in subsurface conditions that are not evident from the inspection; and
- the actions of contractors responding to commercial pressures.

Should these issues occur, then additional advice should be sought from DP and, if required, amendments made.

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