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AWGEOTECHNICS

Date	Revision
15 April 2019	A

Clarendon Homes NSW Pty Ltd
PO Box 7105
BAULKHAM HILLS NSW 2153

Our Ref AWT52649
Your Ref 20013539
Lin

Soil Permeability as per AS1547-2012

Lot 11, No. 59 Crete Street, Narraweena

K_{sat} = 0.32 cm/min or 0.05 litres/sec/m^2

Please find attached the results of the Soil Permeability test, log sections and site sketch, undertaken at the above address.

Providing the system is designed by a suitably qualified person for the recommended design Ksat, above, and the system is located a minimum setback distance of 1.5m from any adjacent property boundary and infrastructure, we do not see any reason why this proposal should not proceed to construction.

Although no water table was encountered during our testing, a perched water table or water seepage can occur during or after wet periods, generally where a porous layer overlies less porous strata.

If you have any queries please do not hesitate to contact the writer.

Yours faithfully

AW Geotechnics Pty Ltd

Bruce L Hargreaves
Dip.App.Sc (Geology)
RPGeo (Geotechnical Engineering)
Affil.I.E. (Aus)., M.A.G.S.,
QBCC No 616675 (Site Classifier)

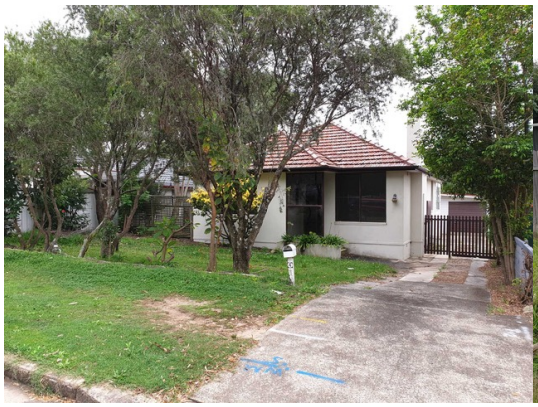
Log Sections

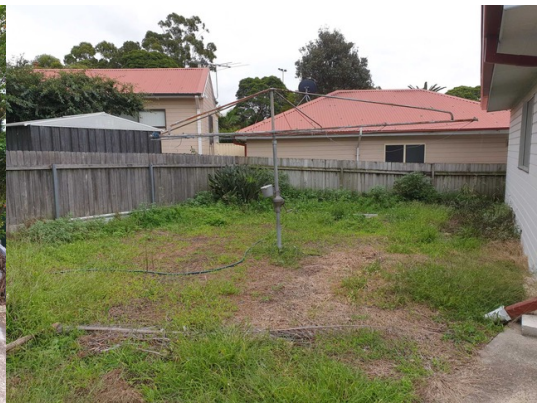
TEST SITE 1

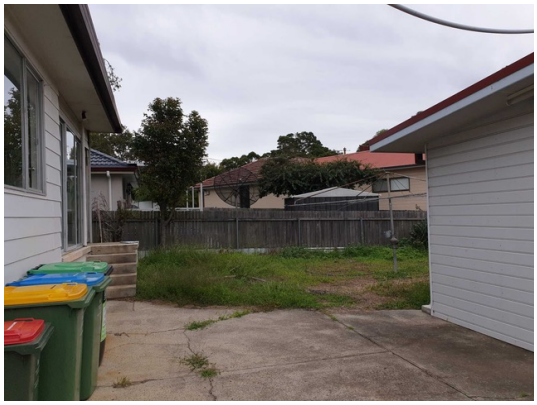
Depth (mm)	Description Soil Type-Colour-Consistency	FILL	DCP	PP kPa
100 200	SAND TOPSOIL			
300 400	SILTY SAND (brn/gy) moist and med dense			
500 600 700 800 900 1000 1100 1200	CLAYEY SAND (or/gy) sl moist and med dense			
1300 1400 1500 1600 1700 1800 1900 2000	UTP XW ROCK H/A			

NOMENCLATURE: UTP= Unable to Penetrate DCP= 9kg Dynamic Cone Penetrometer PP = Pocket Penetrometer A=Auger XW-ROCK=Extremely Weathered Rock Refer Tables 7.3.2 & 7.3.3 AS1726-1993 gy=grey or=orange yell=yellow rd=red wh=white brn=brown bk=black bl=blue gr=green Refer AS1726-1993 Clause A2.4 for classifying soils.

Site Photographs







Site Sketch (Not to scale)