

Date  
28 November 2018

Revision  
A

Metricon Homes  
Level 4, # 32 Lexington Drive  
BAULKHAM HILLS NSW 2153

Our Ref     AWT52181  
Your Ref    697983  
              Olter

### **Soil Permeability as per AS1547-2012**

Lot 2, No. 40 Wellman Road, Forestville

$$K_{\text{sat}} = 0.84 \text{ cm/min or } 0.14 \text{ litres/sec/m}^2$$

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	TOPSOIL			
200				
300	SILTY SAND			
400	(gy/or)			
500	sl moist and med dense			
600				
700				
800	UTP IRONSTONE GRAVEL H/A			
900				
1000				
1100				
1200				
1300				
1400				
1500				
1600				
1700				
1800				
1900				
2000				

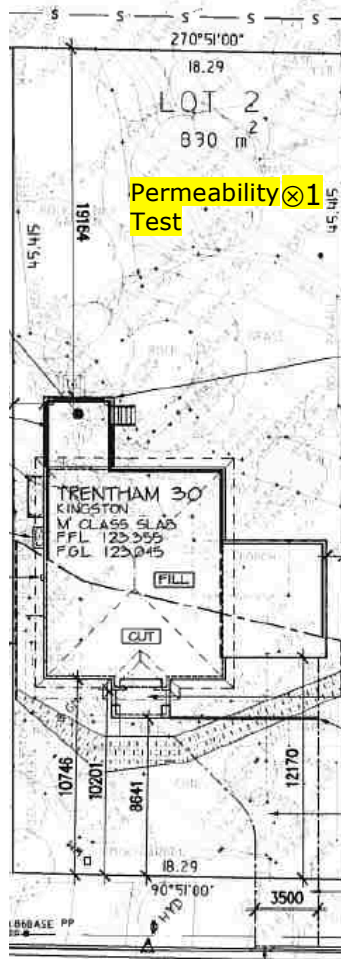
**NOMENCLATURE:** UTP= Unable to Penetrate DCP= 9kg Dynamic Cone Penetrometer PP = Pocket Penetrometer A=Auger XW-ROCK=Extremely Weathered Rock Refer Tables 7.3.2 & 7.3.3 AS1726-1993 gy=grey or=orange yell=yellow rd=red wh=white brn=brown bk=black bl=blue gr=green Refer AS1726-1993 Clause A2.4 for classifying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

## Site Photographs



Site Sketch (Not to scale)

FITZPATRICK AVENUE WEST  
(UNFORMED ROAD)



WELLMAN ROAD