

Wednesday, 11 August 2021  
HM

Ben Farrar

**Our Ref: AWT61715**

RE: No.183 Barrenjoey Road, Newport NSW

We have been made aware of plans for a proposed swimming pool to be installed in the rear of this property (see attached proposed plan and the results of our original onsite testing).

From the results of our onsite testing (refer to our Site Classification report AWT61715, dated 3/2/21) and our experience in the local area, we believe the results and advice provided in our Site Classification report will be sufficient for the design engineer to proceed with the proposed development without the need for further onsite testing.

All advice and parameters provided in our original Site Classification report must be adhered to and applied for the proposed pool installation. Considerations must be made for the site cut in the rear of the property as the weathered rock may be more shallow than previously indicated in our borehole testing.

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

AW Geotechnics



Jason Bau  
MIE Aus, NER, RPEQ

## BORELOGS

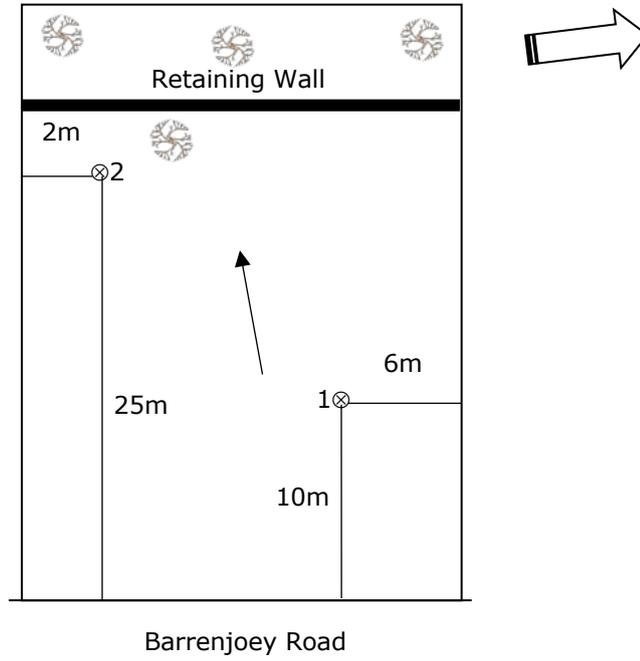
TEST SITE 1					TEST SITE 2				
Depth (mm)	Description Soil Type-Colour-Consistency	FILL	DCP	PP kPa	Depth (mm)	Description Soil Type-Colour-Consistency	FILL	DCP	PP kPa
100	FILL – gravelly silty clay (gy/or/rd) sl moist		1		100	FILL – gravelly silty clay		2	
200			2		200	(gy/or/rd)		3	
300			4		300	sl moist		2	
400			3		400	SANDY SILTY CLAY		2	
500			2		500	(gy/or)		2	
600			4		600	sl moist and stiff		2	
700			6		700	SANDY CLAY with gravel		3	
800			4		800	(gy/or/rd)		2	
900			5		900	sl moist and stiff		3	
1000			17		1000			4	
1100	XW ROCK (gy/or) dry and low strength		+25		1100		5		
1200			4		1200		4		
1300			6		1300		6		
1400			6		1400		6		
1500			8		1500		8		
1600			- dry and med strength		1600		12		
1700					1700	XW ROCK	22		
1800					1800	(gy/or)	+25		
1900					1900	dry and low strength			
2000					2000				
2100			2100						
2200			2200						
2300			2300						
2400	UTP DW ROCK P/A				2400				
2500					2500				
2600					2600				
2700					2700				
2800					2800				
2900					2900				
3000					3000				
3100					3100				
3200					3200				
3300					3300	XW ROCK			
3400			3400	(gy/or)					
3500			3500	dry and med strong					
3600			3600						
3700			3700						
3800			3800						
3900			3900						
4000			4000						
					END P/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.

**Notes:**

1. Hand Auger is a portable auger and where utilised is used because of lack of access or trafficability, it is essential that the results of a hand auger are confirmed once access is provided, further testing using a 4WD mounted drill rig is carried out, or stakeholders shall accept the associated risk of results which may not represent the subject site conditions.
2. 9kg Dynamic Cone Penetrometer can be unreliable in certain soils which may include (but not limited too), cohesive soils, soils which may contain gravels with a grain size in excess of 10mm, and strata with allowable bearing pressures in excess of 400kPa.
3. *Pocket Penetrometer readings are an unfactored field strength test and should not be assumed equates to an allowable bearing pressure.*

SITE SKETCH (Not to Scale)



SITE PHOTOGRAPHS



