GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER

FORM NO. 1 – To be submitted with Development Application

				•	- 11			
	Development Appli	cation for Mr &	Mrs. Evans N	lame of Applicant				
	Address of site	71 George Street.	Avalon Beach	n				
		-						
Declar	ration made by geot	echnical engineer		ng geologist or coa hnical report	stal engineer (where a	pplicable) as pa	art of a	
, <u>G</u>	Sarth Hodgson	on behalf of		Consulting Enginee				
	(insert name)		(Tra	ding or Company Nar	ne)			
		Management Policy	for Pittwater -	2009 and I am autho	gineer or engineering geol prised by the above organi nity policy of at least \$2mi	isation/company to		
☐ Pro					he Australia Geomechani icy for Pittwater - 2009	cs Society's Lands	slide Risk	
Au					ced below has been pre S 2007) and the Geotecl			
pa pro	Have examined the site and the proposed development in detail and have carried out a risk assessment in accordance with paragraph 6.0 of the Geotechnical Risk Management Policy for Pittwater - 2009. I confirm the results of the risk assessment for the proposed development are in compliance with the Geotechnical Risk Management Policy fro Pittwater - 2009 and further detailed geotechnical reporting is not required for the subject site.							
on	ly involves Minor Deve	lopment/Alterations t	that do not requ	ire a Detailed Geoted	of the opinion that the Do chnical Risk Assessment equirements for Minor De	and hence my rep	ort is in	
no	Have examined the site and the proposed development/alteration is separate form and not affected by a Geotechnical Hazard and does not require a Geotechnical report or Risk Assessment and hence my Report is in accordance with the Geotechnical Risk Management Policy for Pittwater – 2009 requirements							
☐ Pro	ovided the coastal proc	cess and coastal forc	es analysis for	inclusion in the Geote	echnical Report			
Geotechnica	l Report Details:							
Repo	ort Title: 71 GEORGE	STREET, AVALON E	BEACH. Geoted	chnical letter for propo	osed swimming pool- QP	00263A		
Repo	ort Date: 22 nd August, 2	2021						
Auth	or : Garth Hodgson							
Auth	or's Company/Organis	ation: HODGSON C	CONSULTING E	ENGINEERS PTY LT	D			
 Documentat	tion which relate to o	r are relied upon in	report prepara	ation:				
Orawings pr 16 th August,	repared by Jamie Ki , 2021	ing Landscape Arc	chitect, No: 21	1080, Dwg No: Sht.	101 to Sht.105, Sht.20	1, Revision C an	d dated	
am awara t	hat the above Coston	hnical Penort prop	ared for the ch	ovementioned sits	is to be submitted in sup	nort of a Douglas	omen t	
Application fo the proposed taken as at l	or this site and will be re development have be	elied on by Pittwater en adequately addre s otherwise stated a	Council as the essed to achiev	basis for ensuring that e an "Acceptable Ris	at the Geotechnical Risk k Management" level for reasonable and practica	Management aspe the life of the stru	ects of icture,	
		Signature	MI					
	-	Signature	lodge = :-			_		
Name Garth Hodgson								
	-	Chartered Professi	onal Status	MIE Aust		_		
	-	Membership No.	2211514			_		
	-	Company	Hodgson	Consulting Engi	neers Pty Ltd	-		



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The General Manager Northern Beaches Council Pittwater Area PO Box 82 MANLY NSW 2095

Dear Sir,

71 GEORGE STREET, AVALON BEACH.

Geotechnical letter for proposed swimming pool

A Geotechnical Site Inspection was carried out at the subject address on the 13th August, 2021. No subsurface investigation was undertaken. The site is mapped by the Northern Beaches Council 'Pittwater LEP 2014' Geotechnical Hazard Map with no part of the site in a Hazard category, Figure 1.

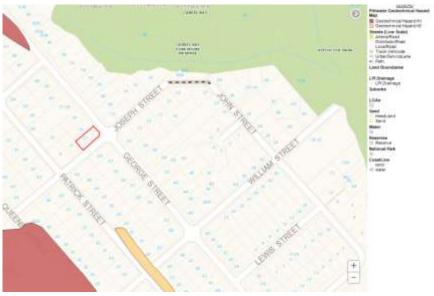


Figure 1

The proposed works will comprise of the construction of a new swimming pool near the north eastern corner of the existing residence and front balcony. The proposed swimming pool is excavated below the existing natural surface levels due to requirements of Council's Flooding policy. Excavation is only required for the proposed prefabricated swimming pool. Details of the proposed swimming pool are shown on the plans prepared by Jamie King Landscape Architect, No: 21080, Dwg No: Sht.101 to Sht.105, Sht.201, Revision C and dated 16th August, 2021.



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GEOTECHNICAL | CIVIL | STRUCTURAL

The site is on the high side side of the George Street. Vehicular access is via a concrete driveway from Joseph Street to the attached double garage at the south eastern corner of the existing residence. Pedestrian access is via the pathway from George Street from the north western corner of the site to main entry of the existing residence. The flat to moderate slope rises predominately to the west at average angles of 0 to 5 degrees across the site. The neighbouring properties have similar elevation and geomorphology to the subject property. No significant movement attributed slope instability was observed in the existing buildings.

The proposed development is to be constructed with only the excavations required for the proposed swimming pool. The proposed swimming pool excavation will be into sandy material and may need the excavation sides to be shored or battered temporarily during excavation.

The pool foundation material is to be inspected by the geotechnical engineer before the swimming pool is placed.

The property appears stable by inspection and accordingly the proposed development will have an Acceptable Risk Level in accordance with the 2009 Geotechnical Risk Management Policy for Northern Beaches Council - Pittwater Area subject to good engineering practice for the structural design and construction methods.

HODGSON CONSULTING ENGINEERS PTY LTD.

Garth Hodgson MIE Aust Member No. 2211514

Civil/Geotechnical & Structural

Engineer