COPYRIGHT NOTICE

This geotechnical log and its associated data (the Document) is licensed by the Queensland Department of Transport and Main Roads under the Creative Commons Attribution 4.0 Licence (CC BY 4.0). When reusing the Document, in whole or in part, please attribute the Department and author as follows: "*(c) State of Queensland (Department of Transport and Main Roads) 2026, licensed under the CC BY 4.0 Licence, prepared by WSP*". This licence does not apply to logos or trademarks.

LIMITATION OF LIABILITY

The CC BY 4.0 Licence contains a comprehensive Disclaimer of Warranties and Limitation of Liability. In addition, please note that this Document was prepared for Departmental use only. Reuse of the Document by anyone for any other purpose could result in error and/or loss. You should obtain professional advice before making decisions based on the contents of the Document.

When reproducing any part of this Document, you must also reproduce this limitation of liability notice in addition to the italicised attribution statement above.

Retrieved from the Queensland Geotechnical Database http://qgd.org.au/

BOREHOLE ENGINEERING LOG

BOREHOLE NO.

BH08

SHEET 1 OF 1

Client:	QUEENSLAND DEPARTNENT OF MAIN ROADS	Date Commenced:	4/9/00
Project:	TUGUN BYPASS GEOTECHNICAL INVESTIGATION	Date Completed:	4/9/00
Borehole Location:	TUGUN	Recorded By:	AB
Project Number:	2134070A	Log Checked By:	

Drill Model/Mounting:	DALY 1000 TRUCK MOUNTED	Hole Angle:	90°	Surface RL:	2.24 m AHD
Borehole Diameter:	100 mm	Bearing:	---	Co-ords:	E 50017 N 87343 PMG

Borehole Information						Field Material Description						
1	2	3	4	5	6	7	8	9	10	11	12	13
METHOD	SUPPORT	WATER	RL(m) AHD / DEPTH(m)	FIELD TEST	SAMPLE	GRAPHIC LOG	USC SYMBOL	SOIL/ROCK MATERIAL FIELD DESCRIPTION	MOISTURE	RELATIVE DENSITY / CONSISTENCY (VS S F ST VST H / FB VL L MD D VD)	HAND PENETROMETER (kPa)	STRUCTURE AND ADDITIONAL OBSERVATIONS
TC	C		2 / 0.30		D		SM	**Silty SAND:** fine grained, dark brown, with rootlets.	M			TOPSOIL
				4,6,11 N=17	SPT		SP	**SAND:** fine to medium grained, pale grey.				ESTUARINE/ FLOODPLAIN/TIDAL DELTA DEPOSITS
	M	▼	1						W			
			1	4,6,6 N=12	SPT							
WB				3,6,14 N=20	SPT							SPT result high due to collapsing borehole
			2									
			0									
				11,18,24 N=42	SPT							SPT result high due to collapsing borehole
			3									
			-1									
			3.80									
			4				SP	**SAND:** fine to medium grained, dark brown, slightly cemented.				
			-2	6,12,19 N=31	SPT							
			5									
			-3									
			5.40				SP	**SAND:** fine to medium grained, orange-brown.				
				14,35 /N>35mm	SPT							
			6					END OF BOREHOLE AT 5.95 m				
			-4									
			7									
			-5									
			8									
			-6									
			9									
			-7									

This borehole log should be read in conjunction with Parsons Brinckerhoff's accompanying standard notes.

Parsons Brinckerhoff Australia Pty Ltd. Version 5.1 ENGINEERING BOREHOLE LOG 2134070A-2323 - BH.GPJ GEOTECH.GDT 15/8/05

(c) State of Queensland (Department of Transport and Main Roads) 2026, CC BY 4.0. Please note copyright and limitation of liability notices on attached cover page.