

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.

BH32

SHEET 1 OF 2

Client: QUEENSLAND MAIN ROADS

Date Commenced: 10/5/05

Project: TUGUN BYPASS GEOTECHNICAL INVESTIGATION

Date Completed: 11/5/05

Borehole Location: Noise Structure

Recorded By: HEB

Project Number: 2134070C

Log Checked By: OAN

Drill Model/Mounting: LEWIS 350 TRACKED RIG

Hole Angle: 90°

Surface RL: 26.4 m AHD

Borehole Diameter: 100 mm

Bearing: ---

Co-ords: E 47897.9 N 89349.3 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		HAND PENETROMETER (kPa)	STRUCTURE AND ADDITIONAL OBSERVATIONS	
WB	W							CH	CLAY: high plasticity, orange-brown.	M	VS	FB			ESTUARINE/FLOODPLAIN/TIDAL DELTA DEPOSITS
											VL	SL			
											FL	ST			WEATHERED ROCK
											MD	VST			
											D	H			
	M								Interbedded ARGILLITE and GREYWACKE: orange-brown, extremely weathered, extremely low strength.						
									... becoming grey-brown.						
									... becoming mottled grey-brown and dark-brown with traces of cream.						
									... becoming mottled red-orange, brown, grey and cream.						

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



BOREHOLE ENGINEERING LOG

BOREHOLE NO.

BH32

SHEET 2 OF 2

Client:	QUEENSLAND MAIN ROADS	Date Commenced:	10/5/05
Project:	TUGUN BYPASS GEOTECHNICAL INVESTIGATION	Date Completed:	11/5/05
Borehole Location:	Noise Structure	Recorded By:	HEB
Project Number:	2134070C	Log Checked By:	<i>an</i>

Drill Model/Mounting:	LEWIS 350 TRACKED RIG	Hole Angle:	90°	Surface RL:	26.4 m AHD
Borehole Diameter:	100 mm	Bearing:	---	Co-ords:	E 47897.9 N 89349.3 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		HAND PENETROMETER (kPa)	STRUCTURE AND ADDITIONAL OBSERVATIONS	
WB				15, 23, 30 /100mm	SPT						VS	FB			Borehole moved at 0.6m due to tree root
			16						END OF BOREHOLE AT 10.40 m						
											</				

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