COPYRIGHT NOTICE

This geotechnical log and its associated data (the Document) is licensed by the Queensland Department of Transport and Main Roads under the <u>Creative Commons Attribution 4.0 Licence</u> (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) 2020, licensed under the CC BY 4.0 Licence, prepared by Jacobs". This licence does not apply to the Queensland Government logo or trademarks.

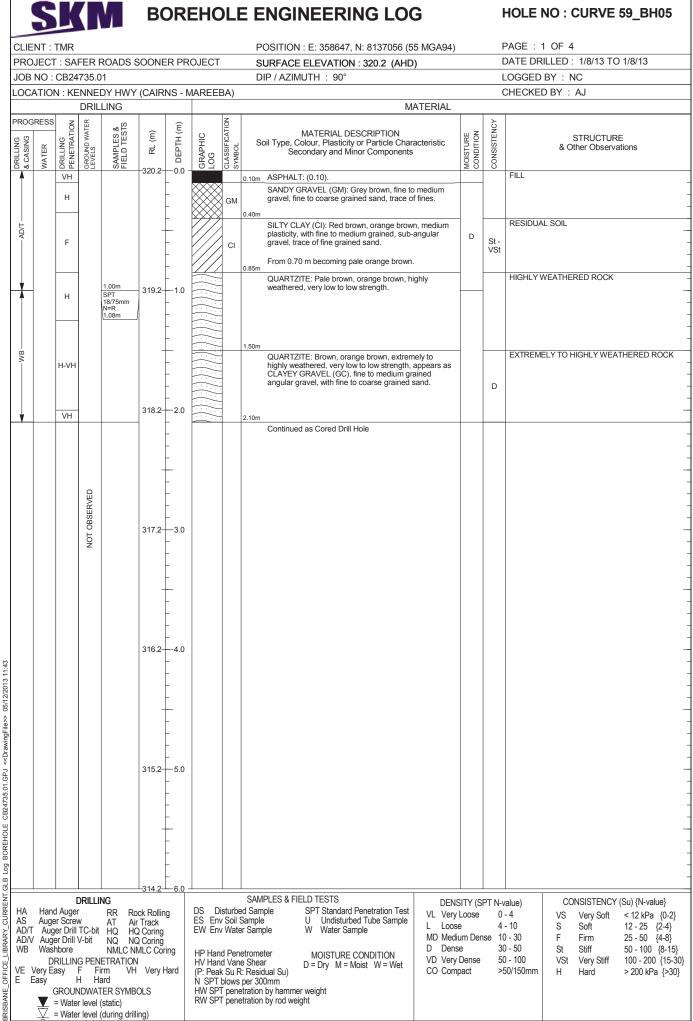
LIMITATION OF LIABILITY

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/

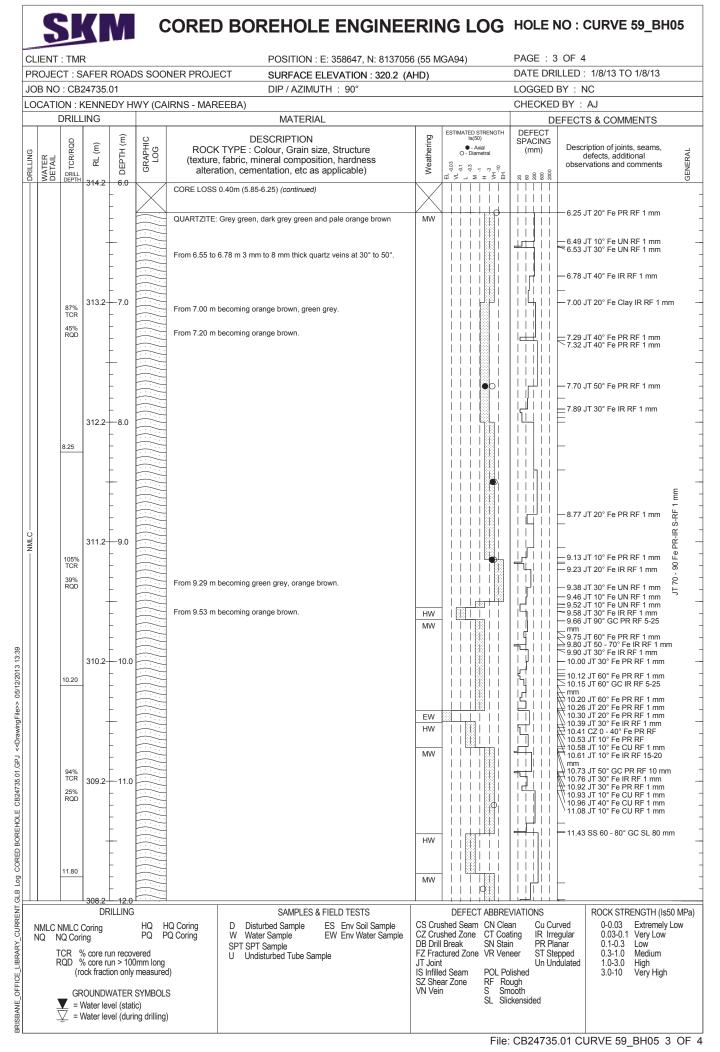
This log has been contributed to the Queensland Geotechnical Database with the permission of Jacobs.



File: CB24735.01 CURVE 59_BH05 Page 1 OF 4

	SKM CORED BOREHOLE ENGINEERING LOG								HOLE NO : CURVE 59_BH05										
0	CLIENT : TMR POSITION : E: 358647, N: 8137056 (55 MGA94)											PAG	PAGE : 2 OF 4						
PROJECT : SAFER ROADS SOONER PROJECT SURFACE ELEVATION : 3										320.2 (A	(/ (10)					DRILLED : 1/8/13 TO 1/8/13			
											LOGGED BY : NC CHECKED BY : AJ								
DRILLING MATERIAL DEFECTS & COMMENTS												S & COMMENTS							
0	WATER	「「「「「」」」)。 「「」」」) 「」」」) 「」」」) 「」」」 「」」」 「」」」 「」」」 「」」」 「」」」 「」」」 「」」 「」」 「」 「			K TYPE : Co e, fabric, mir	ESCRIPTION olour, Grain size, Structure ineral composition, hardness entation, etc as applicable)			Weathering	0.03 0.1 0.1			DEFECT SPACING (mm)		ription of joints, seams, defects, additional rvations and comments	₹ S			
				319.2-	- - - - - - - - - - - - - - - - - - -			ING AT 2.10m		e brown dark og	800 (764)								
0.09		Т 6	70	- 317.2-	-	QUARTZITE		Brown grey, green grey, orange brown, dark green grey.		MW				4 111‡	- 2.35 . - 2.65 . - 2.86 . 12 mi - 3.13 . - 3.38 . - 3.52 . -	JT 60° Fe PR RF 1 mm JT 40° Fe PR RF 1 mm JT 40° Fe PR RF 1 mm JT 40° Fe Clay IR RF m JT 60° Fe IR RF 1 mm JT 20° Fe IR RF 1 mm JT 30° Fe IR RF 1 mm	R S-RF 1 mm 		
		9 R 5.(00% °CR 144% RQD	From 4.20	From 4.20 m	becoming green grey, dark grey. o 4.25 m green grey and red brown band. becoming orange brown, grey green.									4.25 4.32 4.43 4.70 4.73 4.74 4.86 5.11 5.12 5.15 5.15 5.15 5.11 5.27 5.31 5.29 5.31	JT 30° Fe IR RF 1 mm JT 20' Fe PR S1 mm JT 30' Fe PR S1 mm JT 30° Fe PR S1 mm JT 30° Fe PR S1 mm JT 30° Fe IR S1 mm JT 30° Fe IR RF 1 mm JT 30° Fe IR RF 1 mm JT 30° Fe IR RF 1 mm JT 60° Fe PR RF 1 mm	ЛТ 70 - 90 Fe PR-IR S-RF 1 mn		
C C			CR 15% RQD		L	$\left(\right)$	From 5.80 m	becoming gre	y green, red brow	/n	/	\vdash				· · · · · · ·	5.80	JT 20° Fe PR S 1 mm	-
	ROD 314.2 6.0 CORE LOSS 0.40m (5.8) DRILLING DRILLING NMLC NMLC Coring HQ HQ Coring D Dis NQ NQ Coring PQ PQ Coring W Wa SPT SP SPT SP					D Distu W Wate SPT SPT	S.25) SAMPLES & rbed Sample r Sample	FIELD TESTS ES Env Soil S EW Env Water		CZ Crus DB Drill	shed Sea shed Zor Break tured Zo d Seam ar Zone	RF F S S	lean bating ain	Cu Cu IR Irr PR PI ST St Un Ur	egular	ROCK STRENGTH (I 0-0.03 Extreme 0.03-0.1 Very Low 0.1-0.3 Low 0.3-1.0 Medium 1.0-3.0 High 3.0-10 Very Hig	ly Low v		

File: CB24735.01 CURVE 59_BH05 2 OF 4



	5				C	CORE	D BOREHOLE ENGINE	ERIN	NG LOG	HOLE NO :	CURVE 59_BH05	
СІ	CLIENT : TMR POSITION : E: 358647, N: 8137056 (55 MGA94) PAGE : 4 OF										4	
-					S SOO	NER PROJ		AHD)	DATE DRILLED : 1/8/13 TO 1/8/13			
-			24735.			ARNS - MAF	DIP / AZIMUTH : 90°		LOGGED BY : NC CHECKED BY : AJ			
				חזט			MATERIAL		DEFECTS & COMMENTS			
DRILLING	WATER DETAIL	Image: Construction Image: Construct			GRAPHIC LOG	(texture	DESCRIPTION K TYPE : Colour, Grain size, Structure a, fabric, mineral composition, hardness ation, cementation, etc as applicable)	Weathering	ESTIMATED STRENGTH Is(50) • - Axial O - Diametral	DEFECT SPACING (mm) Des	cription of joints, seams, defects, additional servations and comments	
- NMLC		100% TCR 28% RQD				(continued)	: Grey green, dark grey green and pale orange brown n CLAYEY GRAVEL (CG) 330 mm thick.	MW		11.5 11.5 12.4 11.5 12.4 11.5 12.4 11.5 12.4 11.5 12.4 11.5 12.4 11.5 12.4 11.5 12.4 11.5 12.4 11.5 12.4 11.5 12.4 11.5 12.7 11.6 12.7 11.7 12.8 11.6 12.7 11.6 12.7 11.7 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 13.0 13.0 11.1 12.8 12.8 13.2 11.1 12.8 12.8 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 <th>9 JT 40° Fe IR RF 1 mm 2 SS 60 - 80° GC PR POL</th>	9 JT 40° Fe IR RF 1 mm 2 SS 60 - 80° GC PR POL	
		13.75		 _ 		End of Corre	1 Drill Hole at 13.75 m	HW			0 JT 70° Fe PR RF 1 mm	
			306.2- - 305.2- - 304.2- - 303.2- - - - - -	- - - - - - - - - - - - - - - - - - -								
DRILLING NMLC NMLC Coring HQ HQ Coring D NQ NQ Coring PQ PQ Coring W						PQ Coring d) S	SAMPLES & FIELD TESTS D Disturbed Sample ES Env Soil Sample W Water Sample EW Env Water Sample SPT SPT Sample U Undisturbed Tube Sample	CZ Cru DB Dril FZ Frad JT Join IS Infille	ed Seam POL Po ear Zone RF Ro n S Sn	an Cu Curved ting IR Irregular in PR Planar eeer ST Stepped Un Undulated blished	ROCK STRENGTH (Is50 MPa) 0-0.03 Extremely Low 0.03-0.1 Very Low 0.1-0.3 Low 0.3-1.0 Medium 1.0-3.0 High 3.0-10 Very High	

File: CB24735.01 CURVE 59_BH05 4 OF 4

