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ENGINEERING BOREHOLE

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/3-2005

	DJECT				Bridge Foundation Investigation							
	CATION	Pier:	<u>5 - 15.1</u>		COORDINATES 497601.4 E; 7003558.6 N							
PROJECT No <u>FG5439</u> JOB No <u>25/10A/60C</u>												
Dillical Dimension										<u>_td</u>		
(i	(m)	AUGER CASING WASH BORING CORE DRILLING	RQD ()%		MATTERIAL	0	INTACT STRENGTH	DEFECT SPACING	_o	ADDITIONAL DATA		
DEPTH (m)		PRORUGA PRELI		Щ	MATERIAL	HERING		(mm)	O C	AND	တ္သ	
	1.00	ASIN VASH ORE	CORE REC %	SAMPLE	DESCRIPTION		ᇁᆂᅩᄝᄀᄾᆿᅋ	2,000	GRAPHIC LOG	TEST RESULTS	SAMPLES	
0	4.09	1030	NEC 76	0)	Clayey SAND (Alluvium):	> ≤	-	11111	Ö		S ⊒	
-					Pale orange-brown, slightly moist, loose, medium to coarse grained, some low plasticity			‡		:::		
F					fines.		-	-			-	
E 1								-				
Ē							-			3,3,4 N=7	SPT	
-							-			N=7	SF1	
Ē						sc						
-2							4				_	
-												
E					Fine to medium grained and much less clayey		-	-		422		
-3					below 2.5m.		-			4,3,3 N=6	SPT	
Ė								-			-	
Ė	0.59				Clover Crevelly SAND (All.		1 1				_	
Ē					Clayey Gravelly SAND (Alluvium): Brown, moist, loose, medium to coarse			-				
-4					grained, fine gravel, low to medium plasticity fines, some medium gravel up to 12mm.		4	_				
F							1			3,3,4 N=7	SPT	
F							1	-			-	
570770							1				-	
3-							. †				-	
ADS.GD					Fine to modify	SP	1				-	
21					Fine to medium gravel up to 18mm below 5.5m. More gravel with depth.		. ‡			5,4,3 N=7	SPT	
- 6 - 8			ľ				: :	- 1		14-7	-	
							1				-	
75.5							: +	-			=	
7							1				-	
							Ŧ			3,4,7 N=11	SPT	
	-3.35				SANDSTONE:					N=11	OF 1	
					HW: Pale orange-brown, fine to medium grained,		‡				}	
-8				1	very low strength.		+	-			-	
<u> </u>						HW	1	: .]	
			F	CARLO SERVICE			i -	-		30/50,-,- N>50	SPT	
9							Ī			322	1	
	-5.21						<u> </u>				-	
-				ľ	мw:		<u> </u>				-	
-						MW	#			115	=	
10 RE	-5.91 MARKS						+	1	/	Pile Tip -6.0 8/0,-,-		
. 11										LOGGED BY A O'Rourke		
										71 O TOURING		



ENGINEERING BOREHOLE

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/3-2005

CATION Play 5 - 15 Intrigit (along skew) of goissing acutibound bridge Ct. OLICT IN FGS439 SURFACE RL. 4.09 DATE STATED 201905. DATUM MARGAN 2008.58 No. 2510A950C. DATUM AHD. DATE COMPLETED 201905. DATUM MARGAN 2008.58 No. 2510A950C. DATUM AHD. DATE COMPLETED 201905. DATUM ADDITIONAL DATA AND DESCRIPTION STATED 201905. DATUM AND TEST RESULTS STATED STATED 201905. DATUM DESCRIPTION STATED 201905. DATUM AND TEST RESULTS STATED STATED STATED 201905. DATUM DESCRIPTION STATED 201905. DATUM AND TEST RESULTS STATED STATED STATED STATED STATED 201905. DATUM AND TEST RESULTS STATED STA	ACTION Persons 15. Im right teleons skew) of evisions equithbound bridge QL. COORDINATES 49/901.4E, 2005-0.8 SING 26/10A80C. DATUM AND DATE COMPLETED 22/1095 DATUM MANAPACOS. PART COMPLETED 22/1095					STIVIBULS REFER FI						
CUCKT NE PESSAS NO ZET LONGIC _ DATUM _AID _ DATE COMPLETE ZETIDD. DATUM _MARKET ZERNES NO ZETIONARIC _ DELICIT _	SURCE TO PEGS43	ROJECT	_Cab	oolture	Ri <u>ve</u>	r Bridge Foundation Investigation					·	
SNO ZETUM AND DATE COMPLETE ZETIOS DRILLER DESIGNET PLUE CORRESS OF STRUCT STRUCT STRUCTS AND TEST RESULTS AND TEST RESULTS SANDSTONE: As above. Miv. Pale grey, slight orange-brown inorstaining above 12.1m, medium to coarse grained, obtained, sold all amones, coarse grained below 12.1m, medium to coarse grained, obtained, sold all amones, coarse grained below 12.1m, medium to coarse grained, obtained, sold all amones, coarse grained below 12.1m, medium to coarse grained, obtained, sold all amones, coarse grained below 12.1m, medium to coarse grained, obtained and the coarse grained below 12.1m, medium to coarse grained, obtained, sold all amones, coarse grained below 12.1m, medium to coarse grained, obtained and the coarse grained below 12.1m, medium to coarse grained, obtained and the coarse grained and the coarse grained and the coarse grained and the coarse grained and	Recomplete 2015 Section 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											<u>6 N</u>
MARKS According to the property of the prop	MATERIAL DEFICIT MATERIAL DEFICIT STREAGH SPACES ADDITIONAL DATA AND TEST RESULTS NESS SECTION MIV. Pale corrup-brown, increating, medium to corres grained, love to medium strength. Defects: Occasional subhorizontal bedding partings. J. 7.45 DEFECT STREAGH SPACES ADDITIONAL DATA AND TEST RESULTS NESS SECTION MW Pale corrup-brown, increating, medium to corres grained, needlum to medium to me											56_
MARKS MATERIAL DESCRIPTION DE	MATERIAL DESCRIPTION SANDSTONE: As above. Pale corage-brown inonstained, medium to coarse grained, below 12.1-fm, medium to coarse grained, below 12.1-fm, medium to coarse grained, below 12.1-fm, medium to medium-his benegith, occasional black coal laminae, coarse grained below 12.1-fm, medium to medium-his brength, occasional black coal laminae, coarse grained below 12.1-fm, medium to medium-his brength, occasional black coal laminae, coarse grained below 12.1-fm, medium to medium-his brength, occasional black coal laminae, coarse grained below 12.1-fm, medium to medium-his brength, occasional black coal laminae, coarse grained below 12.1-fm, medium to medium-his brength, occasional black coal laminae, coarse grained below 12.1-fm, medium to medium-his brength, occasional black coal laminae, coarse grained below 12.1-fm, medium to medium-his brength, occasional black coal laminae, coarse grained below 12.1-fm, medium to medium-his brength, occasional black coal laminae, coarse grained below 12.1-fm, medium to medium-his brength, occasional black coal laminae, coarse grained, medium to medium-his brength, occasional black coal laminae, coarse grained below 12.1-fm, medium to medium-his brength, occasional black coal laminae, coarse grained below 12.1-fm, medium to medium-his brength, occasional black coal laminae, coarse grained below 12.1-fm, medium to medium-his brength, occasional black coal laminae, coarse grained below 12.1-fm, medium to medium-his brength, occasional black coal laminae, coarse grained below 12.1-fm, medium to coarse grained, medium to medium-his brength, occasional black coal laminae, ocarse grained, medium to medium-his brength, occasional black coal laminae, ocarse grained, medium to coarse grained, medium to medium-his brength, occasional black coal laminae, ocarse grained, medium to coarse grained below 12.1-fm, medium to coarse grained below 12.1-fm, medium to coarse grained belo	OB No	25/	1 <u>0A/60C</u>		DATUM <u>AHD</u>	DAT	E COMPLETE	ED <u>22/11/</u>	05_	DRILLER _Drillsure Pty !	<u>_td</u>
SANDSTONE: As above. Average grained, low to medium strength. Defects: Occasional subhorizontal bedding partings. Pale grey, slight orange-brown ironstaining above 12.1m, medium to coarse grained, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, occasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, ocasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, ocasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained below 12.1m, medium to ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to ocarse grained, me	SANDSTONE: As above. MY: Pale orange-brown, ironstained, medium to cases grained, low to medium strength. Defects: Cocasional subhorizontal bedding partings. SW: Pale grey, slight orange-brown ironstaining above 12.1m, medium to coarse grained, medium to medium-high strength, occasional black coal laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to coarse grained. SW SW SW SW SW SW SW SW	R.L.		RQD			TT	INTACT	DEFECT			Т
SANDSTONE: As above. Average grained, low to medium strength. Defects: Occasional subhorizontal bedding partings. Pale grey, slight orange-brown ironstaining above 12.1m, medium to coarse grained, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, occasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, ocasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, ocasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained below 12.1m, medium to ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to ocarse grained, me	SANDSTONE: As above. MY: Pale orange-brown, ironstained, medium to cases grained, low to medium strength. Defects: Cocasional subhorizontal bedding partings. SW: Pale grey, slight orange-brown ironstaining above 12.1m, medium to coarse grained, medium to medium-high strength, occasional black coal laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to coarse grained. SW SW SW SW SW SW SW SW	(m)	RING	호 ()% 님		MATERIAL	9	STRENGTH	SPACING (mm)	90	ADDITIONAL DATA	
SANDSTONE: As above. Average grained, low to medium strength. Defects: Occasional subhorizontal bedding partings. Pale grey, slight orange-brown ironstaining above 12.1m, medium to coarse grained, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, occasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, ocasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, ocasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained below 12.1m, medium to ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to ocarse grained, me	SANDSTONE: As above. MY: Pale orange-brown, ironstained, medium to cases grained, low to medium strength. Defects: Cocasional subhorizontal bedding partings. SW: Pale grey, slight orange-brown ironstaining above 12.1m, medium to coarse grained, medium to medium-high strength, occasional black coal laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to coarse grained. SW SW SW SW SW SW SW SW		80 E	2	ш	\$4.00 (1.00			(11111)	일	AND	ES
SANDSTONE: As above. Average grained, low to medium strength. Defects: Occasional subhorizontal bedding partings. Pale grey, slight orange-brown ironstaining above 12.1m, medium to coarse grained, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminee, coarse grained below 12.1m, medium to medium-high strength, occasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, occasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, ocasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, ocasional black ocal laminee, ocarse grained below 12.1m, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained below 12.1m, medium to ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to medium-high strength, ocasional black ocal laminee, ocarse grained, medium to ocarse grained, me	SANDSTONE: As above. MY: Pale orange-brown, ironstained, medium to cases grained, low to medium strength. Defects: Cocasional subhorizontal bedding partings. SW: Pale grey, slight orange-brown ironstaining above 12.1m, medium to coarse grained, medium to medium-high strength, occasional black coal laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black coal laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to medium-high strength, occasional black total laminae, coarse grained below 12.1m, medium to coarse grained. SW SW SW SW SW SW SW SW	5 5 04	AASII WASI	CORE	SAME	DEGGINI HON	SC	프로프로그릭교	2000	RAP	TEST RESULTS	MPL
Pale orange-brown, inonstained, medium to coarse grained, low to medium strength. Defects: Oceasional subhorizontal bedding partings. SW: Pale grey, slight orange-brown inonstaining above 12. tm, medium to coarse grained, black coal laminae, coarse grained below 12. 14m. Defects: Rare subhorizontal bedding partings. SW Defencia: Rare subhorizontal bedding partings. Location of the minimal of 17.34m. Location of 18.4m. Loca	Pale orange-brown, ironstained, medium to coarse grained, but medium strength. Defects: Occasional subhorizontal bedding partings. SW: Pale grey, slight orange-brown ironstaining above 12. Im, medium to coarse grained, black coal lamines, coarse grained black coal lamines, coarse grained below 12. 14m. Defects: Rare subhorizontal bedding partings. Deretoile terminated at 12.34m MARKS MARKS LOGGED BY	-5.91	111	(94)	0)	SANDSTONE: As above	2 8			Ö	N>50	S
Coarse grained, low to medium strength. Defects: Occasional subhorizontal bedding partings. SW: Policy stight orange-brown inonstaining Policy 12-1m, medium to express grained, medium to medium-high strength, occasional black corollaminae, coarse grained below 12-14m. Defects: Rare subhorizontal bedding partings. Borehold forminated at 12-94m MARKS LOGGED BY	Coarse grained, low to medium strength. Defects: Occasional subhorizontal bedding partings. SW: Palce ray, slight orange-brown inorestating Palce ray, slight orange-brown inorestating medium to medium to medium-high strength, occasional black coal laminae, coarse grained below 12.14m. Defects: Rare subhorizontal bedding partings. Borefrole terminated at 17.94m MARKS MARKS LOGGED BY					MW:					Is(50)=0.28 MPa	
Defects: Cocasional subhorizontal bedding partings. SW: Pale grey, slight orange-brown ironstaining above 12-1m, medium to coarse grained, medium to medium-high strength, occasional bits or cost laminae, coarse grained per coars	Defects: Occasional subhorizontal bedding parlings. SW: Pale grey, slight orange-brown ironstaining above 12-1m, medium to coarse grained, medium to medium-high strength, occasional total coal laminae, coarse grained below 12-1m. Defects: Rare subhorizontal bedding parlings. Borehole terminated at 12.94m MARKS LOGGED BY					coarse grained, low to medium strength.					13(00)-0.43 WII a	
Occasional subhorizontal bedding partings. SW: Pate grey, slight orange-brown ironstaining above 12.1m, medium to coarse grained, black coal lamines, coarse grained below 12.14m. Joffects: Rare subhorizontal bedding partings. SW Borehole terminated at 172.94m LOGGED BY	Occasional subhorizontal bedding partings. SW: Pale grey, slight orange-brown ironstaining above 12.1m, medium to coarse grained, black coal laminae, coarse grained below 12.14m. Defects: Rare authorizontal bedding partings. Borehole terminated at 172.94m						MW					
SW: Pele grey, slight orange-brown ironstaining above 12.1m, medium to ocarse grained, medium to medium-high strength, ocasional black coal laminae, coarse grained blow 12.14m. Defects: Rare subhorizontal bedding partings. Borehold terminated at 12.94m Borehold terminated at 12.94m LOGGED BY	SW: Pale grey, slight orange-brown ironstaining above 12.1m, medium to coarse grained, medium to medium-high strength, ocasional black coal laminae, coarse grained blew 12.14m. Defects: Rere subhorizontal bedding partings. Borrehole terminated at 12.94m MARKS LOGGED BY	11	100									
SW: Pele grey, slight orange-brown ironstaining above 12.1m, medium to ocarse grained, medium to medium-high strength, ocasional black coal laminae, coarse grained blow 12.14m. Defects: Rare subhorizontal bedding partings. Borehold terminated at 12.94m Borehold terminated at 12.94m LOGGED BY	SW: Pale grey, slight orange-brown ironstaining above 12.1m, medium to coarse grained, medium to medium-high strength, ocasional black coal laminae, coarse grained blew 12.14m. Defects: Rere subhorizontal bedding partings. Borrehole terminated at 12.94m MARKS LOGGED BY		2000									
Palo grey Li1m, medium to cares grained, medium to medium-high strength, occasional black coal laminae, coarse grained below 12.14m. Defects: Rare subhorizontal bedding partings. Uneffold Germinated at 12.94m Lorentole Germinated at 12.94m	Pale grey, slight orange-brown ironstaining above 12-1m, medium to medium-high strength, occasional black coal laminae, coarse grained below 12.14m. Defects: Rare subhorizontal bedding partings. Borehold forminated at 12.94m MARKS LOGGED BY	-7.45	1									
above 12.1m, medium to coarse grained, medium to coarse grained black coal laminae, coarse grained, medium to coarse grained, medium to medium to coarse grained, m	above 12.1m, medium to coarse grained, medium to medium										ls(50)=0.36 MPa	,
black coal laminae, coarse grained below 12.14m. Defects: Rare subhorizontal bedding partings. Borehole terminated at 12.94m Brown at 12.94m LOGGED BY	black coal laminae, coarse grained below 12.14m. Defects: Rare subhorizontal bedding partings. Borefrole terminated at 12.94m 100 1	12				above 12.1m, medium to coarse grained.					13(30)-0.07 WFa	(
### 12.14m. Defects: Rare subhorizontal bedding partings. Borrehole terminated at 12.94m 12.14m. 13.00	12.14m. Defects: Rare subhorizontal bedding partings. Borehole terminated at 12.94m Borehole terminated at 12.94m LOGGED BY					medium to medium-high strength, occasional black coal laminae, coarse grained below	sw					
-3.85 100 Rare subhorizontal bedding partings. Is(50)=0.90 MPa Is(50)=1.00 MPa	Borehole terminated at 12.94m					12.14m.	"					
Borehole terminated at 12.94m sig(9) - Loo MP a	Borehole terminated at 12.94m											
MARKSLOGGED BY	MARKS	-8.85		100		Rare subhorizontal bedding partings. Borehole terminated at 12 94m						
MARKSLOGGED BY	LOGGED BY					25.5110.0 tollimated at 12.54m		Ŧ			13(30)=1.00 MFa	
MARKSLOGGED BY	LOGGED BY							‡				
MARKSLOGGED BY	LOGGED BY							Ŧ				
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LOGGED BY	LOGGED BY	EMARKS							-	\perp		_
	A O'Rourke	LIVIARKS										

Project: F

FOUNDATION INVESTIGATION FOR THE WIDENING OF THE CAPTAIN

WHISH BRIDGES (NORTH AND SOUTHBOUND) - CABOOLTURE RIVER

Borehole No: BH16 Pier 6

Start Depth:

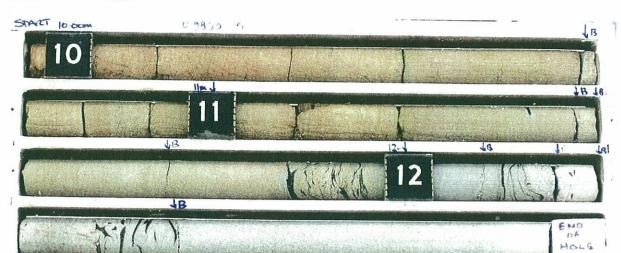
10.00m

Finish Depth: Project No:

12.94m FG5439

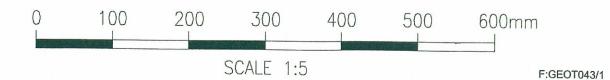
H No:

9800



FG 5439 CAPTAIN WISH BRIDGE PIECE BHIG

FND OF HOL 12.94M





ROAD SYSTEM & ENGINEERING Geotechnical Branch Butterfield St Herston QLD 4006

Point Load Strength Index - Test Report

Project: CABOOLTURE RIVER BRIDGE

Project No: FG 5439

Date Sampled 22/11/05

Feature: PIER 6

Sample Type: NMLC ROCK CORE

Report No. FG 5439/15/GS05/825AS4133.4.1

Date Tested 14/12/05

Sample	Sample	Depth	Test Type	ls	Is50	Strength	Lithology
Number	Location	(m)	D,A,B,I*	(MPa)	(MPa)	Descriptor*	
GS05/824-A GS05/824-B GS05/824-C GS05/824-D GS05/824-E GS05/824-F	BH16 BH16 BH16 BH16 BH16 BH16	10.11 10.14 11.62 11.65 12.82 12.85	D A D A D	0.28 0.48 0.36 0.72 0.90 1.18	0.28 0.43 0.36 0.67 0.90 1.00	L M M M M	Sandstone Sandstone Sandstone Sandstone Sandstone Sandstone

Sample Remarks

* D - Diametral; A - Axial; B - Block; I - Irregular;

** EL - Extremely Low; VL - Very Low; L - Low; M - Medium; H - High; VH - Very High; EH - Extremely High (taken from AS1726 Table 8A)

Remarks / Variations to Test Procedures:

Test Method: AS4133.4.1

Software Version 2.03 April 2005

Client Name: RS&E STRUCTURES DIVISION Client Address: PO BOX 1412 SPRING HILL 4001

(P.REYNOLDS)

Accreditation Number: 2302 Accredited for compliance with ISO/IEC 17025

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