COPYRIGHT NOTICE

This geotechnical log and its associated data (the Document) is licensed by Port of Brisbane Pty Ltd 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 Port of Brisbane Pty Ltd and the author as follows: "*(c) Port of Brisbane Pty Ltd 2023, licensed under the CC BY 4.0 Licence, prepared by Arup*". 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 Port of Brisbane Pty Ltd 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/

							Job No.	Pa	Page							
ARUP Trial Pit Log							24996	64 T-	TP03		1 of 1					
			I				Contractor									
								Date								
Port Dri	ve upg	rade							3.48	31-A	Nug-1	6				
Sam	nples & te	sts		1		Strat	a log					y				
Depth	Sample Type Ref	Test Result	Red. Level	Legend	ness)		Descri				Stratum	Geology				
0.10-0.30	в			X X X X	<u>)</u> 0.10	\(rootlets, roots	and vegetation).		brown, with gravel, w		\square	TOP FILL				
0.30-1.10	В				(0.20) 0.30 (0.80)	grey mottled p angular, trace Silty SAND (S low plasticity, y	ale pink and red-b clay, moist, mediu M) fine to medium vith gravel, fine to	rown, silt is low plas m dense. n grained, trace coa coarse, angular, wi	to moderate cement sticity, with gravel, fin- arse grains, pale red- th cobbles, trace bou	e to coarse, brown, silt is		FILL				
			2.4	× × ×	1.10	clay, moist, me	edium dense to de	nse.								
					-	Trial pit compl	eted at 1.1m depti	h								
					-											
			-		-											
			_		-											
					-											
			-		-											
			_		-											
					-											
			-		-											
					-											
			_		-											
			-		-											
Remarks Side collapse	e of hole du	e to boulder						Local coords: MGA coords: 5159 Ground level = 3.4 Investigation/clust	952.22E,6966716.68 8mOD er ref: Main	N						
								Plant: 8T Crew: MF Backfilled: 31-Aug	-16							
Groundwate No groundwa		itered														
No groundwe																
Shoring/Sup	nort: None															
		i collapse occu	urred		-	1.65 -										
-					D	A	В 0	.75								
						С		¥.								
Client							Logged by: GCF)	Database check:							
							Logged by. GCP		Database Check:							

Hole/test made by Contractor but logged by Arup. <<DrawingFileSpec>> (c) Port of Brisbane Pty Ltd 2023, CC BY 4.0. Please note copyright and limitation of liability notices on attached cover page.

AR	UP				D١	/N/	41	/10		CC ES									Μ	E.	TE	R								Test No. TP03								
Proje	ect Name	Port Drive Up	grade																							s	Sheet 1 of 1											
R.L. Ground (m)		3.48					R.L			hed el (i		rfac	ce											ng / iing														
Depth below surface (m)	Blows/ 100mm (n)	Cumulative Blows															Gr	apł	hic	Lo	g																	
0.0 - 0.1	(1)	(Σn)	Т		Т	П		rt			Т		П	Т		П		Г			П		T	П		П		П	Т	Π		F	Π	Т				
0.1 - 0.2			++		+								+			\square									┢	\mathbb{H}		+	╈	+			+	+				
0.2 - 0.3			++		Ħ						Ħ		\square			H										H		Ħ	╈	Ħ			+					
0.3 - 0.4			++		Ħ		Т	H			Ħ		Ħ			H		†				H				Ħ		Π	╈	Ħ			+	+				
0.4 - 0.5			++		Ħ			h			Π		Ħ		T	Ħ									T	Ħ		Ħ	╈	Ħ			Ħ					
0.5 - 0.6			+		Ħ						Π		Π								ht		T		ľ	Ħ		Ħ	╈	Ħ			†					
0.6 - 0.7					П						П		Π										1			Π		T	T	Π			+					
0.7 - 0.8			T		Π			Π			Π															Ħ			T	Π			Π	П				
0.8 - 0.9			Π		Π	П		Π			Π		Π													Π				Π			Π					
0.9 - 1.0			Π																														Π					
1.0 - 1.1																																	\Box					
1.1 - 1.2	4	4																																				
1.2 - 1.3	8	12																														Ш	Ш					
1.3 - 1.4	4	16																								Ш				Ц		Ш	Ш					
1.4 - 1.5	2	18											\square													Ш			\bot	Ш		Ц						
1.5 - 1.6	9	27						Ц					Ц								Ш	Ш				Ц			\bot	Ц		Ц	Ш					
1.6 - 1.7	3	30									Ц		Ц													Ц			⊥	Ц		Ц	Ш					
1.7 - 1.8	3	33			\square								Ц													Ц			∔	Ц		\square	╨	Щ				
1.8 - 1.9	3	36			\square								Ц													Ц			∔	Ц		\square	╨	Щ				
1.9 - 2.0	3	39											\square													Ш	_		∔	Ц		\square	╨					
2.0 - 2.1	4	43											Н					\square					_		_	Ш			╇	Щ		\square	╄	\square				
2.1 - 2.2	5	48											Н					\square					_		_	Ш			╇	Щ		\square	╄	\square				
2.2 - 2.3	4	52										_	H	_			_		_	_			-			\square	_	+	╇	⊢		\vdash	┯					
2.3 - 2.4	4	56										_	\square	_			_	$\left \right $		_			_			\square	_	+	+	₩		\vdash	╓	+				
2.4 - 2.5	5	61											\mathbb{H}	_				+			\square	┢┼	-			⊢⊦		+	╇	⊣		⊢	┿	+				
2.5 - 2.6	5 5	66 71				+	+			_	+	+	H	-		\vdash	+	+	_	_		╟┼	-		-	\mathbb{H}	-	+	╋	₩	_	\vdash	┿	+				
2.6 - 2.7 2.7 - 2.8	5 6	71						⊢⊢			+	+	\mathbb{H}	-		\vdash	+	+		+	\square	┢┼	+	\vdash		\mathbb{H}	-	+	╋	₩		⊢	+	+				
2.7 - 2.8	6	83					+	\square			+	+	\mathbb{H}	-		\vdash	+	+		+	\square	╟┼	-			\mathbb{H}	-	+	╋	॑	-	\vdash	╋	+				
2.9 - 3.0	7	90						┢╋		-	+	+	\mathbb{H}	-		\vdash	+	+	-	+	\vdash	┢┼	-			\mathbb{H}	-	+	╈	+	-	\vdash	++	+				
3.0 - 3.1	8	98						H				+	H	-		H	+	+		+	┝┼╴	┢┼╴	+			H		+	╋	+		\vdash	╋	+				
3.1 - 3.2	8	106					-						+			\square									┢	\mathbb{H}		\uparrow	╈	+			+	+				
3.2 - 3.3	7	113						H			H	+	Ħ			H	+			+		┢┼				H		$^{+}$	╈	+		\vdash	╉╋	+				
3.3 - 3.4	8	121						h			Ħ		\square		+	H		$^{+1}$		1			t	h	┢	\square		$^{++}$	╈	Ħ			++					
3.4 - 3.5	7	128									Ħ		\square			H										H		Ħ	╈	Ħ			+					
3.5 - 3.6	7	135											\square			H					ht					Ħ		\uparrow	╈	\square			+	+				
3.6 - 3.7	7	142					Π	┢╋	\dagger	\vdash	╞╋	╈	$\uparrow \uparrow$	╈	T	H	╈	╞┤	╋	╈	+	╞┼╴	$^{+}$	+	t	††	╈	\dagger	╋	H	╈	H	\dagger	+				
3.7 - 3.8	13	155									╞╋	╈	$ \uparrow $	╈	\dagger	H	╈	╞┤	╉	╈	\square		t	\vdash	t	Ħ	\dagger	\dag	+	Ħ	╈	H	\dagger	++				
3.8 - 3.9	15	170										╈	Ħ	╈	T	Ħ	╈	Ħ	╋	╈	$ \uparrow$		t	H	t	Ħ	╈	Ħ	\dagger	Ħ	╈	\square	\dagger	+				
3.9 - 4.0			TT					Π				T	Ħ	T	T	Ħ	╈	Ħ	╋	Τ	$ \uparrow$	\square	t	$ \uparrow$	T	Ħ	T	Ħ	\uparrow	Ħ	╈	Π	\ddagger	\top				
Comments	-	-					-								-	- 8						de l	Зу		C	GCF	, ,	T	Da			31/	08/2	2016				
																					Figi	ure						,	Job	Nc	D							
																															24	996	34					