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

ARUP	Trial Pit Log	Job No. 249964	Hole ref T-TP14		of 1	
	_	Contractor		I		
			Ground Level (m)	Date		
Port Drive Upgrade			3.05	01	-Sep-	16

Samples & tests			Red. Level Legend (Thick-ness) Strata log Depth (Thick-ness) Description								
Depth	Sample Type Ref	Test Result	Red. Level	Level Legend (Trick- ness) Description							
0.16-0.70	В		2.9	X X	(0.16) 0.16/	Silty SAND (SM) fine to coarse grained, brown-grey, with gravel, with organics (rootlets, roots and vegetation), dry.		ටූ Geology			
0.10-0.70	Ь	PP=14.06kNm/	2	× × × × × ×	- - (0.54) -	Sandy SILT (ML) low plasticity, pale grey mottled pale red-brown, sand is medium grained, with gravel, fine to coarse, angular to sub-angular, with clay, moist, firm.		FILL			
ļ	_		2.4	× × ×	0.70						
. 0.70-1.00 -	В	PP=15.04kNm2	2 2.1		- (0.30) 1.00	Sandy CLAY (CL) low plasticity, brown-red mottled pale grey, sand is fine to coarse grained, with gravel, fine to coarse, angular to sub-angular, moist, firm.		FILL			
-			-		-	Trial pit completed at 1m depth					
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Remarks

Local coords: MGA coords: 516496.17E,6967322.64N Ground level = 3.05mOD Investigation/cluster ref: Main

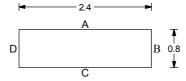
Plant: 8T Crew: MF Backfilled: 01-Sep-16

Groundwater

No groundwater encountered

Shoring/Support: None

Stability: Stable



Logged by: GCP

Database check:

AR	UP	DYNAMIC CONE PENETROMETER TEST RESULTS												R							Test No.																				
Proj	ect Name	Port Drive Up	gra	de																											Sh	Sheet 1 of 1									
R.L. Ground (m		3.05					I	R.L.		nish .eve			ırfa	се									Easting / Northing																		
Depth below surface	Blows/ 100mm	Cumulative Blows																Gr	ар	hic	Lo	g																			
(m)	(n)	(Σn)	F	11	ī	H		11	Ŧ	1 1	1	\blacksquare	H	ī	П	F				H	ī		H		1	Н	1		1	Ŧ	1 1	T	\exists	$\overline{}$	 	\exists	_				
0.0 - 0.1			${\it H}$	H	+	H	+	H	╁	H	-	+	H	-	Н	╬	H	-	\vdash	\mathbb{H}	-	H	╁	H	-	H	-	H	+	╬	Н	+	otag	+	${\it H}$	+					
0.1 - 0.2 0.2 - 0.3			${\it H}$	${\rm H}$	+	H	+	H	╁	H	+	H	H	+	H	╂	H		H	H	╁	H	╁	H	-	H	-	H	-	╁	H	+	${\mathbb H}$	+	H	+					
0.2 - 0.3			H	${\sf H}$	+	H	+	H	╁	H	+	H	H	+	H	╁	H		H	H	╁	H	╁	H		H	+	H	+	╁	H	+	\forall	+	H	+					
0.4 - 0.5			${}^{\dag}$	+	+	H	+	H	╁	H		H	H		H	+	H		H	H	+	H	╁	H		H	-	H		+	H	+	╫	+	H	+					
0.5 - 0.6			H	$^{\rm H}$		H	H	H	t	H		H	H		H	+	H		H	H		H	+	H		H		H	1	+	H	H	\forall	H	H	\forall					
0.6 - 0.7			$\dag \dagger$	$\dagger \dagger$	+	H	t	$\dagger \dagger$	t	H	+	H	H	+	H	+	H			H	+	H	╁	H	+	H	+	H		t	Ħ	t	+	\vdash	Ħ	\forall					
0.7 - 0.8			H	H		H	t	Ħ	t	H	+	H	Ħ		H	†	Ħ			H		Ħ	t	H		H	+	Н		t	H	ı	H	\dagger	Ħ	\forall					
0.8 - 0.9			IT	Ħ	+	Ħ	t	Ħ	t	H	t	Ħ	H	t	H	╁	H		H	H	t	Ħ	t	H		H	+	Ħ	1	t	Ħ	T	Ħ	T	Ħ	\forall					
0.9 - 1.0			ΠŤ	Ħ		Ħ	T	Ħ	t	H		П	Ħ		H	t	Ħ		t	H		Ħ	t	H		Ħ		П	1	t	Ħ	T	Ħ	Ħ	Ħ	\forall					
1.0 - 1.1	1	1		Ħ		Ħ	t	Ħ	t		T	Ħ	Ħ		Ħ	T	Ħ		T	H		Ħ	t	ht		Ħ		Ħ	Ť	t	Ħ	T	Ħ	T	Ħ	Ħ					
1.1 - 1.2	2	3				Ħ	T	Ħ	t			Ħ	Ħ	T	Ħ	T	Ħ			H	T	Ħ	T	Ħ		Ħ		П		T	Ħ	t	Ħ	\sqcap	Ħ	П					
1.2 - 1.3	0	3				Ħ		Ħ	T	Ħ	T	Ħ	Ħ		Ħ	T				Ħ			1			Ħ		Ħ	1	T	Ħ	T	$\dagger \dagger$	T	Ħ	T					
1.3 - 1.4	3	6	Ė			П	T	Ħ	T	П		П	Ħ		Ħ	T	Ħ		T	H		Ħ	T	Ħ		П		П	1	T	П	T	П	Ħ	Ħ	П					
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1.5 - 1.6	4	20																															\sqcap	T	П	П					
1.6 - 1.7	2	22																															П		П	П					
1.7 - 1.8	3	25																															П		П	П					
1.8 - 1.9	5	30																															П								
1.9 - 2.0	3	33																															П								
2.0 - 2.1	3	36																															\prod			П					
2.1 - 2.2	4	40																																							
2.2 - 2.3	21	61																																							
2.3 - 2.4			Ц	Ш		Ш		Ш		Ш		Ш												Ш							Ш		Ш	Ш							
2.4 - 2.5			Ц	Ш		Ш		Ш				Ш			Ш							Ш				Ш		Ш			Ш		Ш	Ц	Ц	Ш					
2.5 - 2.6			Ц	Ш		Ш		Ш		Ш			Ш		Ш					Ш		Ш		Ш		Ц					Ш		Ш	Ц	Ц	Ш					
2.6 - 2.7			Ц	Ш		Ш		Ш		Ш			Ш		Ш					Ш		Ш		Ш		Ц					Ш		Ш	Ц	Ц	Ш					
2.7 - 2.8			Ц	Ш		Ц		Ш		Ш		Ш			Ш	1				Ш		Ш		Ц		Ц		Ш			Ш		Ш	Ц	Ц	Ш					
2.8 - 2.9			Ц	Ш		Ц		Ш		Ш		Ш	Ц		Ш	1	Ц			Ц		Ш	_	Ц		Ц		Ш		_	Ш	_	Ш	Ц	Ц	Ш					
2.9 - 3.0			Ц	\perp		Ш		Ш	1	Ш	_	Ш	Ц		Ш	_	Ц			Ц		Ш	_	Ц		Ц		Ш		_	Ш		Ш	$oldsymbol{\perp}$	Ш	Ш					
3.0 - 3.1			$oldsymbol{\perp}$	Ш		Ш	4	11	1	Ш	_	Ш	Ц		Ц	1	L			Ц		Ц	1	Ц		Ц	-	Ш	_	-	Ш	4	Ц	4	Ц	\perp					
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3.2 - 3.3			pph	\mathbb{H}		Н	4	Н	+	Н	-	Н	H	-	Н	-	H			Н		Н	+	Н		Н	-	Н	_	-	Н	4	$\!$	4	${f H}$	\dashv					
3.3 - 3.4			${oldsymbol{ert}}$	\blacksquare		Н	_	₩	╀	\sqcup	-	Н	Н		Н	-	H			H		Ш	-	Щ		Н	-	Н	-	-	Н	4	$\!$	$oldsymbol{\perp}$	${f H}$	4					
3.4 - 3.5			pph	\mathbb{H}		Н	4	Н	+	Н	-	Н	H	-	Н	-	H			Н		Н	+	Н		Н	-	Н	_	-	Н	4	$\!$	4	${f H}$	\dashv					
3.5 - 3.6			${oldsymbol{ert}}$	\blacksquare		Н	_	₩	╀	\sqcup	-	Н	Н		Н	-	H			H		Ш	-	Щ		Н	-	Н	-	-	Н	4	$\!$	$oldsymbol{\perp}$	${f H}$	4					
3.6 - 3.7			${}$	\dashv	+	H	\bot	ert	+	${oldsymbol{arphi}}$	_	Н	ert	+	${oldsymbol{ert}}$	+	Н	+	H	${oldsymbol{arphi}}$	-	\sqcup	╀	Н	+	$oxed{\square}$	_	Н	\downarrow	_	${m H}$	\downarrow	$\!$	+	otag	+					
3.7 - 3.8			${oldsymbol{+}}$	$oldsymbol{+}oldsymbol{+}$	+	$oldsymbol{arphi}$	+	${\it H}$	╀	${m H}$	+	H	dash	+	${oldsymbol{ert}}$	+	Н	$oldsymbol{+}$	H	${oldsymbol{ert}}$	+	\sqcup	╀	H	+	H	-	Н	+	╂	H	+	\dashv	\dashv	${m H}$	+					
3.8 - 3.9			${\it H}$	\mathbb{H}	+	H	+	${\it H}$	╀	H	+	Н	ert	+	H	+	Н	+	H	${\sf H}$	+	H	+	${\mathbb H}$	+	$oldsymbol{H}$	+	Н	+	╀	H	+	$+\!$	+	${m H}$	+					
3.9 - 4.0			ட	Ш				П	1			Ш	Ц		П		Ш					H	1	<u> </u>				Ш		1	<u>11</u>		Ш	丄	Ш		_				
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