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ENGINEERING **BOREHOLE LOG**

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No	<u>BH47</u>
SHEET	<u>1</u> of <u>1</u>
REFERENCE No	<u>H11087</u>

PROJECT Moreton Bay Rail Link														
LOCATION <u>At CPTu47, Fill 19, Ch.12300</u> COORDINATES <u>507860.0 E; 6988558.0 N</u>										<u>0 N</u>				
PRC	ROJECT No FG5921 SURFACE R.L. 1.10m PLUNGE DATE STARTED 23/6/11 GRID DATUM MGA94 Zone 56 OB No 250/120/3 HEIGHT DATUM AHD BEARING DATE COMPLETED 23/6/11 DRILLER R&D Drilling Pty Ltd R.L. RQD INTACT DEFECT ADDITIONAL DATA									56				
JOB	No	_250/120/3 HEIGHT DATUM _AHD BEARING				DATE COMPLETED			23/6/	<u>11</u> DF	DRILLER R&D Drilling Pty Ltd		<u>Pty Ltd</u>	
DEPTH (m)	(m)	AUGER CASING WASH BORING	RQD ()% CORE REC%	SAMPLE	MATERIAL DESCRIPTION		USC	OTDENOTU	ENGTH SPACING 00 (mm) 01		ADDITIONAL DATA AND TEST RESULTS		SAMPLES TESTS	
					Silty CLAY (Estuarine) Dark grey to black, moist, soft to firm. High plasticity; minor plant material in parts; yellow red oxidisation at top.						— Based on Drille	er's logs on	ıly	

	Da	ark grey to black, moist, soft to firm.				-Based on	Driller's logs only
		gh plasticity; minor plant material in parts; llow red oxidisation at top.					
-		ecoming mottled yellow red iron staining					
	A be	elow 2m.					
			(CH)		- : : : : :		
	В						LL-67%, PI=42%, LS=15+
	С						LL-48%, PI=25%, LS=12+
							L070, 11 2070, LO ⁻¹ 21
-2.40				· · · · · · · ·	<u></u>		
	D Br	Ity SAND (Alluvial) rown grey, moist, medium grained,					3,5,7 N=12
		edium dense.	(SP-		-		N=12
			(SF- SM)		-		
				· · · · · · · · · · · · · · · · · · ·			
-3.40						├ <u></u> _ _ <u>-</u>	
	E Pa	andy SILT (Residual) ale grey, moist, mainly stiff to hard.					9,19,21 N=40
							N=40
	Sa Sa	and fraction is fine grained.			-		
	I Mi	inor red iron staining at 5.5m; minor clay					
	fra	action.					
	F				-		9,12,13 N=25
							N=25
			(CL- ML)				
	G						5,7,11
							N=18
					-		
	н						4,7,10 N=17
7 40							
-7.40	J SA	ANDSTONE	XW	· · · · · · · ·			26,30/70mm
-7.62	XV	N: Yellow brown, moist, medium			-		N>50
		ained, very dense sand.					
	Bo	prehole terminated at 8.72m					
					-		
					-		
MARKS_							LOGGED BY
							BW / DC2

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