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LOCATION Cut 6, Ch.6500

Moreton Bay Rail Link

PROJECT

ENGINEERING BOREHOLE LOG

BOREHOLE No	<u>BH57</u>
SHEET	<u>1</u> of <u>2</u>
REFERENCE No	<u>H11096</u>

BW

COORDINATES 503116.0 E; 6986909.2 N

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

_ _ _ _ _ _ _ _ _ _ _ _ _

	JECT N		<u>921</u>		SURFACE R.L. <u>25.40m</u> PLUNGE	· — ·		 DATE S	TARTED	20/7/	11 GRID DATUM _ <u>MGA94_Zone</u>	
JOB					HEIGHT DATUM <u>AHD</u> BEARING							
DEPTH (m)	R.L. (m)	R JG I BORING DRILLING	RQD ()%	SAMPLE	MATERIAL DESCRIPTION	LOGY	HERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES
0	25.40	AÚGE CASIN WASH CORE	REC %	Ś	Clayey SAND (Uncontrolled Fill) Dark grey to black, moist, mainly loose to	5	S S			GF	Based on Driller's logs only	LE SA
- - - -					medium dense. Sand fraction is fine to medium grained.							
				A	Becoming red brown below 3m. Occasional subangular quartzitic gravel sizing <40mm; red iron staining in parts.						5,5,5 N=10	
-2												
14:46				В		(\$	sm/s	P)			1,0,2 N=2	SPT
Datgel CPT Tool giNt Add-in 06/10/2011 14:46				с							2,1,5 N=6	SPT
PT Tool gINt Ad											IN-0	
				D							6,13,9 N=22	SPT
GPJ < <drawingfile>> - </drawingfile>	20.70				SANDSTONE Medium to coarse grained, massive, poorly cemented sedimentary rock mainly						2,10,14	
BAY RAIL LINK.GPJ				E	comprising sand-sized particles XW: Generally exhibits engineering properties of mottled red yellow, moist, medium to coarse grained, medium dense		xw				PROPOSED RAIL LEVEL.	SPT
ORETON	19.30			F	silty sand. Contains minor clay fraction and red iron staining throughout; minor traces of gravel						30/90 - — — — — — — — — — — — N >50 ⁻	
HOLOGY FG50			(0)		I<10mm. I HW: Yellow red with grey bands, massive, fine to coarse grained, very low to mainly low strength.							
J J J J J J J J J J J J J J J J J J J					Contains bands of quartzitic feldspathic sandstone below 8m, approx. 400mm thick.						7	
RING BOREHC		-	100 (0)		Defects: Generally nil or rare. - Drilling-induced irregular fractures @ 5-10° (1/m)		нw				Heavily FeSt	
QLD_DMR_LIB_01A.GLB_LOg_A_ENGINEERING BOREHOLE LOG W LITHOLOGY FG8921 MK 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					Defect surfaces are mainly widely spaced, irregular, rough, open and closed, iron stained.							
			100								- Fine grained SSt	
aLD_DMR_	15.40		(33)									
	REMARK										LOGGED BY	<u> </u>

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ENGINEERING BOREHOLE LOG

BOREHOLE No	<u>BH57</u>
SHEET	<u>2</u> of <u>2</u>
REFERENCE No	<u>H11096</u>

BW

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

	JECT ATION		t <u>on</u> Bay 3. <u>Ch.65</u>		LLink						- -
					SURFACE R.L. <u>25.40m</u> PLUNGE .			DATE STARTED			
JOB					HEIGHT DATUM <u>AHD</u> BEARING						
DEPTH (m)	R.L. (m) 15.40	JGER \SING ASH BORING DRE DRILLING	RQD ()% CORE	SAMPLE	MATERIAL DESCRIPTION	ГІТНОГОGY	SC EATHERING	INTACT DEFECT STRENGTH SPACING (mm) 표풍규도 그것과 않않않않?	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
10	15.40	RA≷S C≰CA	REC %	SA		5	SIN		Ь		SA
- - - - - - - - - - - - - - - - - - -			100 (13)		SILTSTONE Fine grained sedimentary rock mainly comprising silt-sized particles HW: Grey, fine grained, massive, very low strength. Contains extremely low strength silty clay (XW) bands approx. 300mm thick. Defects: Nil.		HW			-XW silty CLy	
- 12 - - 12 - 	13.40		(38)		SANDSTONE HW: Grey yellow with red bands, medium to coarse grained, massive to slightly laminated, very low to low strength. Contains iron stained bands throughout.						
			<u>100</u> (40)		Defects: Generally nil or rare. - Drilling-induced fractures @ 5-10° (2/m) - Joint @ 15° (1/m) Defect surfaces are close to medium spaced, irregular, slightly rough, open and closed, clay infill or iron stained.]– Coarse grained SSt	
01D_DMR_LIB_01A.GLB_Log_A_ENGINEERING BOREHOLE LOGW UTHOLOGY F63921 MORETON BAY RAIL LINK GPJ << Drawingeli 07 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7.60		<u>100</u> (0) <u>100</u> (10)				HW			— Jt, 15°, CLy	
QLD_DMR_LUB_01A.GLB_Log_A_ENGINEERING BORR 					Borehole terminated at 17.8m						
R	EMARK	s								- LOGGED BY	

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Project Name	Moreton Bay Rail Link (MBRL)		
Project No	FG5921	Date	20/07/11
Borehole No	BH 57	TMR H No	
Location	Cut	Start Depth (m)	6.50
Detail	Cut	Finish Depth (m)	17.80
Chainage	6535	Submitted By	BW
Remarks			

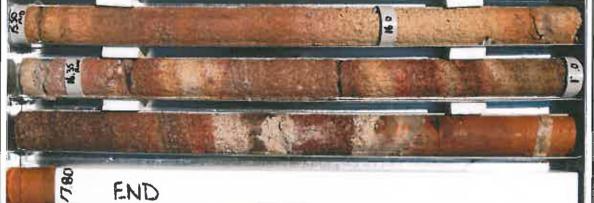


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GEOT043/1



Project Name	Moreton Bay Rail Link (MBRL)		and a Barbara (مارین میروند) این
Project No	FG5921	Date	20/07/11
Borehole No	BH 57	TMR H No	
Location	Cut	Start Depth (m)	6.50
Detail	Cut	Finish Depth (m)	17.80
Chainage	6535	Submitted By	BW
Remarks			
	1		
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0 100) 200	300 SCALE 1:	400 5	500	600mm	

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