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ENGINEERINGBOREHOLE LOG

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

BOREHOLE No ____BH49 ___

SHEET __1__ of __3__

REFERENCE No ___H11088 ___

PROJECT LOCATION		Moreton Bay Rail Link												– – – – –) 3 F [.] 6984307	
						SURFACE R.L. <u>6.10m</u> PLUNGE						OORDINATES <u>498390.3 E; 6984307</u>			
						HEIGHT DATUM <u>AHD</u> BEARING									
DEPTH (m)	R.L. (m)	SORING	RILLING (QD)% ORE	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	П	INTACT STRENGTH	DEFECT	GRAPHIC LOG	ADE	OITIONAL I AND	DATA	SAMPLES
0	6.10	₹8\$	S RE	C %	SA	Owner III of III of AV (Decided)	늘	USC	m>±2->m	M&W@W	GR		.OT INEOU		SA
olghi Add-in 06/10/2011 14:46					В	Gravelly Silty CLAY (Residual) Mottled brown grey, moist, stiff to very stiff. Low plasticity. Gravel fraction is subangular, high strength quartzitic gravels sizing <30mm. Iron staining throughout; occasional ferruginous nodules in parts.		(CL.				— Based on Di	riller's logs o	2,4,6 N=10 4,7,10 N=17 6,9,14 N=23	SPT SPT SPT
RAIL INK GPJ <<0ra>	1.10				D									3,7,9 N=16	SPT
OLD DMR, LIB, 01A GLB, LOg A_ENGINEERING BOREHOLE LOG W LITHOLOGY FG9221 MORETON BAY RAIL LINK GF					E F G	Silty CLAYSTONE Fine grained sedimentary rock mainly comprising silt and clay-sized particles XW: Generally exhibits engineering properties of grey and red brown, moist, very stiff silty clay. Medium to high plasticity. Contains thin bands of fine grained sand in parts; minor iron staining throughout. Relict rock structure visible throughout. Displays cracking on drying.		xw						9,6,14 N=20 9,6,14 N=20 5,9,15 N=24	SPT SPT
GLD DMR LIB OLAGEB LOG A ENGINEERING BOO					J	(See over)								4,8,12 N=20 5,11,17 N=28	SPT
R	EMARK	s										. [LOGGED BY		
											BW				



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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH49 _2_ of _3_ SHEET H11088 REFERENCE No

PROJECT Moreton Bay Rail Link COORDINATES 498390.3 E; 6984307.7 N LOCATION Yebri Creek Rail Bridge, Abutment B, Ch.840 DATE STARTED 12/7/11 GRID DATUM MGA94 Zone 56 PROJECT No FG5921 SURFACE R.L. 6.10m PLUNGE DATE COMPLETED 12/7/11 JOB No 250/120/3 HEIGHT DATUM AHD BEARING DRILLER R&D Drilling Pty Ltd R.L. RQD INTACT DEFECT ADDITIONAL DATA STRENGTH **SPACING** ()% (m) DEPTH (m) MATERIAL AND GRAPHIC SAMPLE CASING WASHE CASING **DESCRIPTION** SAMPL TESTS WEAT

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ENGINEERING BOREHOLE LOG

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

BOREHOLE No _____BH49 ___

SHEET __3__ of __3__

REFERENCE No ____H11088 ___

PROJECT Moreton Bay Rail Link COORDINATES 498390.3 E; 6984307.7 N LOCATION Yebri Creek Rail Bridge, Abutment B, Ch.840 PROJECT No FG5921 DATE STARTED 12/7/11 GRID DATUM MGA94 Zone 56 SURFACE R.L. __6.10m__ PLUNGE ______ DATE COMPLETED 12/7/11 DRILLER R&D Drilling Pty Ltd JOB No 250/120/3 HEIGHT DATUM AHD BEARING R.L. RQD INTACT DEFECT AUGER CASING WASH BORING WASH BORING WASH BORING USC WEATHERING WEATHERING WEATHERING WEATHERING WEATHERING WEATHERING WEATHERING ADDITIONAL DATA ()% **SPACING** DEPTH (m) MATERIAL AND SAMPLE **DESCRIPTION** TESTS 200 200 200 200 200 CORE **TEST RESULTS** REC % 20 Is(50) = 0.67MPa0 SANDSTONE Is(50) = 0.40MPa Is(50) = 0.66MPaSW: (Cont'd) 0 Is(50) = 0.65MPaIs(50) = 0.73MPa0 Is(50) = 0.35MPa Is(50) = 0.38MPa- Mudstone I/B 100 21 0 (95)J, 45°, CA infill Is(50) = 0.42MPaSW Is(50) = 0.42MPa0 Is(50) = 0.21MPa Is(50) = 0.31MPa0 Is(50) = 7.58MPaIs(50) = 3.70MPa100 FG5921 MORETON BAY RAIL LINK.GPJ <<DrawingFile>> Datgel CPT Tool gINt Add-In 06/10/2011 14:46 (95) Is(50) = 0.36MPa-16.90 100 Is(50) = 0.71MPaBorehole terminated at 23m - 25 - 26 LIB_01A.GLB LOG A_ENGINEERING BOREHOLE LOGW LITHOLOGY -28 - 29 9 LOGGED BY REMARKS_ BW



Project Name	Moreton Bay Rail Link (MBRL)		and the second s
Project No	FG5 92 1	Date	12/07/11
Borehole No	BH 49	TMR H No	
Location	Yebri Creek Rail Bridge	Start Depth (m)	17.00
Detail	Abutment B Structure	inish Depth (m)	23.00
Chainage	812 Approx	Submitted By	BW
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