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ENGINEERING BOREHOLE LOG

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

BOREHOLE No	<u> BH35 </u>
SHEET	<u> 1 </u> of <u> 1 </u>
REFERENCE No	<u> H11083 </u>

PROJECT Moreton Bay Rail Link LOCATION Fill 18, Ch.11100 COORDINATES 506731.5 E; 6988845.3 N
 PROJECT No FG5921 SURFACE R.L. 2.00m PLUNGE _____ DATE STARTED 22/6/11 GRID DATUM MGA94 Zone 56
 JOB No 250/120/3 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 22/6/11 DRILLER R&D Drilling Pty Ltd

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH							DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
									EH	VH	IV	IM	JL	VL	EL				
0	2.00					Silty CLAY(Alluvial) Grey, moist, soft to mainly firm. Medium plasticity. Organic odour; minor traces of fine grained sand.		(Cl)										Based on Driller's logs only	
1					A													1,3,3 N=6	SPT
2	0.40				B	Sandy SILT(Residual) Yellow grey, moist, very stiff. Sand fraction is fine grained. Minor iron staining throughout; contains thin clay bands in parts.		(CL-ML)										4,6,12 N=18	SPT
3					C													6,8,11 N=19	SPT
4	-2.00				D	Interbedded SILTSTONE and SANDSTONE SANDSTONE: Fine grained, massive, poorly cemented sedimentary rock mainly comprising of sand-sized particles												5,5,9 N=14	SPT
5					E	SILTSTONE: Fine grained sedimentary rock mainly comprising of silt-sized particles XW: Generally exhibits engineering properties of yellow brown grey, moist, laminated, medium dense to very dense silty sand.												9,7,11 N=18	SPT
6					F	Relict rock structure visible throughout; displays cracking along laminations; minor iron staining throughout.		XW										7,17,26 N=43	SPT
7					G													11,20,23 N=43	SPT
8	-6.45				H													12,24,30 N>50	SPT
9						Borehole terminated at 8.45m													
10																			

REMARKS _____

LOGGED BY
BW