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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH C66
 SHEET 1 of 1
 REFERENCE No H11146

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
 LOCATION Embankment 7 COORDINATES 472312.2 E; 7093138.7 N
 PROJECT No FG5799 SURFACE R.L. 68.90m PLUNGE _____ DATE STARTED 06/08/11 GRID DATUM MGA94
 JOB No 232/10A/2 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 06/08/11 DRILLER Drillsure Pty Ltd

QLD_DMIR_LIB_01A_GLB_Log_A_ENGINEERING_BOREHOLE_LOG_W/LITHOLOGY_FC5799 - BRUCE HWY UPGRADE SECTION C.GPJ DWG#46352.GDW Date: 12/12/2011 16:30

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	68.90					TOPSOIL Grey, gravelly.	(GC)						
0.5	68.70					Clayey SILT (Residual): Brown, dry.	(ML)						
0.8	68.30					SILTSTONE (HW): Brown/grey, fine grained, subtly foliated.	XXXXXX						
1.2					A							14,20,27 N=47	SPT
1.8					B		HW					30/50 N>50	SPT
2.8					C		XXXXXX					30/80 N>50	SPT
3.8	65.40		(0)			SANDSTONE (MW): Brown, fine to medium grained, massive, low to medium strength, indurated and/or slightly metamorphosed. Defects: Clayey broken zones sizing up to 150mm. -Joint at 30° (4/m) -Joint at 60° (3/m) -Joint at 70° (1/m)	XXXXXX					J, 30°, Pl, S, FeSt J, 40°, Pl, O, R, FeSt Is(50) = 0.20MPa J, 40°, Pl, T, Clnf J, 10°, Pl, T, Clnf J, 60°, Pl, O, Clnf, 10mm J, 60°, Pl, T, S, FeSt	x
4.8			100			Defect spacing is close. Defect surfaces are planar, tight or closed, smooth to slightly rough, clay infilled, iron stained.	MW					CLy BZ J, 50°, Pl, O, Clnf, 10mm CLy BZ Clay Seam J, 40°, Pl, O, Clnf	
5.8	62.40		100									J, 20°, Pl, O, Clnf, 10mm J, 70°, Pl, O, Clnf, 10mm Clayey Seam Is(50) = 0.47MPa	x
6.5						Borehole terminated at 6.5m							

REMARKS _____

LOGGED BY
JA/DC

CORE PHOTO LOG - BH C66

Project Name:	BRUCE HIGHWAY UPGRADE - SECTION C		
Project No.:	FG5799	Date:	08/09/2011
Details:	Embankment 7	Start Depth (m):	3.50
Reference No.:	H11146	Finish Depth (m):	6.50



SCALE 1:5