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**Queensland
Government**

Department of
Main Roads

ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/2-2004

BOREHOLE No BH C16

SHEET 1 of 1

REFERENCE No H11109

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C

LOCATION Cut 6

COORDINATES 472830.4 E; 7091716.1 N

PROJECT No FG5799

SURFACE R.L. 87.80

DATE STARTED 8/8/11

DATUM MGA94

JOB No 232/10A/2

DATUM AHD

DATE COMPLETED 8/8/11

DRILLER Cairns Drilling Contract

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	87.80					TOPSOIL: Brown, silt.								
	87.60					Clayey SAND (Residual): Red/brown.							Based on driller's logs only	
	87.30					SANDSTONE (HW): Red/grey, fine to medium grained, massive, mainly medium strength with extremely low strength bands.								
1						Defects: -Clayey seams up to 400mm. -Joint at 10° (2/m) -Joint at 50° (1-2/m) -Joint at 70° (1/m)								
2				(0)		Defect spacing is mainly close to medium. Defect surfaces are planar, tight, slightly rough, clay infilled, iron stained.								
3				89 (15)										9,16,36 N>50 SPT
4														
5														
6				100 (18)										
7														
8	79.80			100										
9						Borehole terminated at 8m								
10														

REMARKS

LOGGED BY
JA/DC

OLD_DWR_LIB_01A_GLB_Log_Z_BOREHOLE WITH LITHOLOGY 1 FG5799 - BRUCE HWY UPGRADE SECTION C.GPJ DWG81466.GDW Delgad CPT Tool gINT AddIn 13/12/2011 11:36

CORE PHOTO LOG - BH C16

Project Name:	BRUCE HIGHWAY UPGRADE - SECTION C		
Project No.:	FG5799	Date:	06/09/2011
Details:	Cut 6	Start Depth (m):	2.00
Reference No.:	H11109	Finish Depth (m):	8.00



SCALE 1:5