Queensland Government

ENGINEERING BOREHOLE LOG

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

BOREHOLE No	BH C09
SHEET	1 of 1
REFERENCE No	H11045

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C

LOCATION Cut 4 COORDINATES 472892.2 E; 7089590.6 N

PROJECT No FG5799 SURFACE R.L. 101.60m PLUNGE DATE STARTED 04/07/11 GRID DATUM MGA94

JOB No 232/10A/2 HEIGHT DATUM AHD BEARING DATE COMPLETED 04/07/11 DRILLER Drillsure Pty Ltd

DEPTH (m)	R.L. (m)	AUGER / CASING / WASH BORING / CORE DRILLING	RQD ( )% CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH (EH VH H M L VL EL)	DEFECT SPACING (mm) (20 60 200 600 2000)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES / TESTS
0	101.60				**Silty CLAY:** Grey/brown, moist, very stiff and becoming hard with depth, high plasticity. Occasional subrounded pebbles sizing up to 20mm. Occassional traces of organic material.								
1				A								5,8,9 N=17	SPT
2				B	2.5m: Becoming hard.							19,15,16 N=31	SPT
3							(CH)						
4				C								12,16,21 N=37	SPT
5				D								10,12,12 N=24	SPT
6	95.15			E	6.0m: Plant material present?							10,16,25 N=41	SPT
7				F	**SILTSTONE (XW):** Generally exhibits engineering properties of a brown/grey, moist, hard, clayey silt.		XW					19,27,30/100mm N>50	SPT
8	94.10		(0) 100 (0)		**SILTSTONE (HW):** Brown, fine grained, subtly foliated, extremely low to very low strength. Defects: -Clayey and broken throughout. -Foliation parting at 60° (3-4/m) Defect spacing is extremely close to close. Defect surfaces are planar, open, clay infilled.		HW				XW Clay Seam; Clay Seam; Clay Seam; Clay Seam; Clay Seam; BZ, Drilling Induced?		
9	92.45		100										
10					Borehole terminated at 9.15m								

REMARKS

LOGGED BY JA/DC

QLD_DMR_LIB_01A.GLB Log A_ENGINEERING BOREHOLE LOG W LITHOLOGY FG5799 - BRUCE HWY UPGRADE SECTION C.GPJ DWG48352.GDW Datgel CPT Tool gINt Add-In 12/12/2011 16:28

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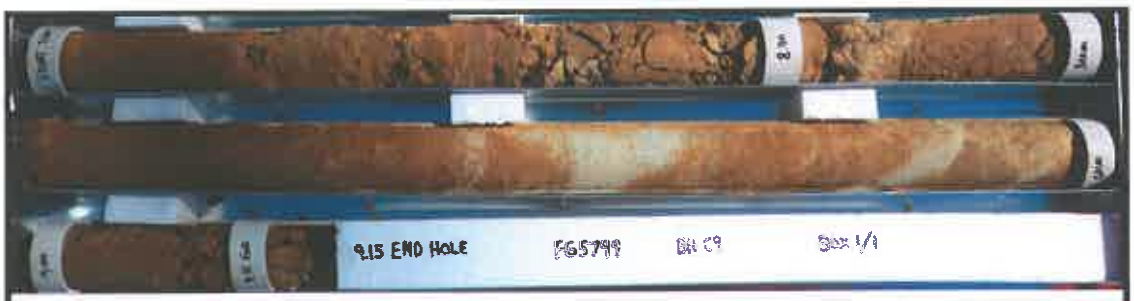
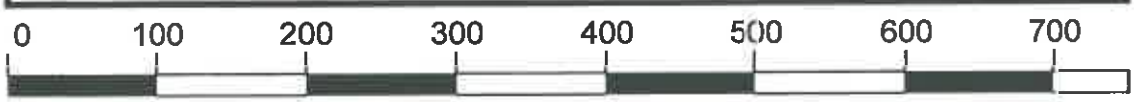
CORE PHOTO LOG - BH C9

Project Name:	BRUCE HIGHWAY UPGRADE - SECTION C		
Project No.:	FG5799	Date:	06/09/2011
Details:	Cut 4	Start Depth (m):	7.50
Reference No.:	H11045	Finish Depth (m):	9.15





SCALE 1:5