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**Queensland
Government**

Department of
Main Roads

ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/5-2009

BOREHOLE No BH100

SHEET 1 of 1

REFERENCE No H10687

PROJECT BRUCE HIGHWAY (COOROY - CURRA) SECTION A GEOTECHNICAL INVESTIGATION

LOCATION Embankment 18 COORDINATES 482351.5 E; 7080675.6 N

PROJECT No FG5825 SURFACE R.L. 100.90m PLUNGE DATE STARTED 4/2/10 GRID DATUM MGA94

JOB No 128/10A/901 HEIGHT DATUM AHD BEARING DATE COMPLETED 4/2/10 DRILLER R & D Drilling

DEPTH (m)	R.L. (m)	AUGER 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	H	M	J	L	EL	20	60				200	600	2000	
0	100.90					Silty Gravelly CLAY (Alluvium) Dark grey, stiff to very stiff, moist. Gravel fraction comprises angular phyllite and quartz up to 20mm.																		
1					A			(CI)													U50			
2	98.60				B																U50			
3					C	Gravelly Sandy CLAY (Alluvial?) Dark brown to red and grey, moist, very stiff. Fine gravels up to 10mm.															6,6,11 N=17	SPT		
4					D																	8,11,17 N=28	SPT	
5					E			(CI)														7,7,9 N=16	SPT	
6					F																	6,6,16 N=22	SPT	
7					G																		U50	
8	93.40				H	PHYLLITE (XW/HW) Generally exhibits the engineering properties of grey, moist, hard, gravelly silt. Rock structure visible throughout with relict quartz veining.		XW															5,28,30/85mm N>50	SPT
9					J																		30/100mm N>50	SPT
10	90.90				K			HW															30/80mm N>50	SPT

REMARKS Borehole terminated at 10m

LOGGED BY
ME