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**Queensland  
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Department of  
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# ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH113  
SHEET 1 of 1  
REFERENCE No H10690

PROJECT BRUCE HIGHWAY (COOROY - CURRA) SECTION A GEOTECHNICAL INVESTIGATION  
LOCATION Embankment 14 - Skyring Creek Approaches COORDINATES 483686.8 E; 7081307.8 N  
PROJECT No FG5825 SURFACE R.L. 103.48m PLUNGE \_\_\_\_\_ DATE STARTED 3/2/10 GRID DATUM MGA94  
JOB No 128/10A/901 HEIGHT DATUM AHD BEARING \_\_\_\_\_ DATE COMPLETED 3/2/10 DRILLER R & D Drilling

DEPTH (m)	R.L. (m)	ALGER 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
0	103.48					<b>Gravelly Silty CLAY (Alluvial)</b> Brown, moist, very stiff.  Fine to coarse grained gravel.							
1	102.48				A	<b>Silty CLAY (Alluvial)</b> Dark brown with mottled orange iron staining, moist, very stiff to hard.  Intermediate to high plasticity.		(CI)				5,8,11 N=19	SPT
2					B							7,10,15 N=25	SPT
3					C			(CI-CH)				7,12,15 N=27	SPT
4					D							8,12,19 N=31	SPT
5					E							8,14,18 N=32	SPT
6	97.88				F	<b>Gravelly Silty CLAY (Alluvial)</b> Brown, moist, hard.  Angular quartz gravels up to 3cm.		(CI)				7,11,20 N=31	SPT
7					G							20,18,21 N=39	SPT
8	95.78				H	<b>PHYLLITE (HW):</b> Generally exhibits the engineering properties of grey to brown, moist, hard, clayey Silt of low plasticity,		HW				19,30/65mm N>50	SPT
9					J							30/70mm N>50	SPT
10	93.48				K							24,30/80mm N>50	SPT
Borehole terminated at 10m													
REMARKS _____												LOGGED BY ME/JA	