Queensland Government
Department of Main Roads

ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH112
SHEET 1 of 1
REFERENCE No H10689

PROJECT BRUCE HIGHWAY (COOROY - CURRA) SECTION A GEOTECHNICAL INVESTIGATION
LOCATION Embankment 14 - Skyring Creek Approaches COORDINATES 483691.6 E; 7081278.4 N
PROJECT No FG5825 SURFACE R.L. 100.02m PLUNGE DATE STARTED 3/2/10 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 (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	100.02				**Clayey SILT (Alluvial)** Light orange-brown, moist, firm to stiff. Intermediate plasticity; occasioanl quartz gravels up to 1cm; minor fine grained sand.								
1				A								5,6,8 N=14	SPT
2				B			(MI)					5,4,4 N=8	SPT
3	97.02				Below 2.5m: Contains quartz gravel bands.								
				C	**Gravelly Sandy CLAY (Alluvial)** Grey to orange-brown, moist, stiff to very stiff. Intermediate plasticity; sand fraction is fine to medium grained; quartz gravels up to 2cm.		(CI)					6,6,9 N=15	SPT
4	96.22			D	**PHYLLITE (HW):** Generally exhibits the engineering properties of brown to grey, moist, hard, gravelly Silt of intermediate plasticity. Quartz gravels throuhgout up to 3cm; rock fabric visible throughout.							14,30/130mm N>50	SPT
5				E			HW					15,30/150mm N>50	SPT
6	93.87			F								30/150mm N>50	SPT
					Borehole terminated at 6.15m								
7													
8													
9													
10													

REMARKS

LOGGED BY ME/JA

QLD_DMR_LIB_01.GLB Log A_ENGINEERING BOREHOLE LOG W LITHOLOGY FG5825 BRUCE HWY COOROY-CURRA SECTION A BHS.GPJ DWG71494.GDW Datgel CPT Tool gINt Add-In 20/05/2010 14:21