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**Queensland
Government**

Department of
Main Roads

ENGINEERING BOREHOLE

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

BOREHOLE No BH147

SHEET 1 of 1

REFERENCE No H9584

PROJECT GATEWAY UPGRADE PROJECT GEOTECHNICAL INVESTIGATION - NORTHERN SECTION

LOCATION _____ COORDINATES 9286.9 E; 169946.7 N

PROJECT No FM2055 SURFACE R.L. 2.72 DATE STARTED 31/1/05 DATUM SETP

JOB No _____ DATUM AHD DATE COMPLETED 31/1/05 DRILLER R&D DRILLING PTY LTD

DEPTH (m)	R.L. (m)	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	VL					EL	20	60
0	2.72				PLEASE REFER BH143 FOR STRATA BOUNDARIES AND MATERIAL DESCRIPTION															
1																			Peak Su=42kPa; Res Su=6kPa	FSV
2																			Too stiff to shear with the large vein	FSV
3																			Peak Su=51kPa; Res Su=6kPa	FSV
4																			Peak Su=60kPa; Res Su=5kPa	FSV
5																			Peak Su>31.5kPa	FSV
6																			Too stiff to shear with the large vein	FSV
7																			Too stiff to shear with the large vein	FSV
8																			Peak Su=45kPa; Res Su=10kPa	FSV
9																			Peak Su=38kPa; Res Su=11kPa	FSV
10																		Peak Su=38kPa; Res Su=10kPa	FSV	
	-5.93																	Peak Su=90kPa; Res Su=10kPa	FSV	
					Borehole terminated at 8.65m															

BOREHOLE WITH LITHOLOGY GATEWAY NORTHERN UPGRADE.GPJ ENG BOREHOLE FINAL.GDT. 29/4/05

REMARKS _____

LOGGED BY
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