FINAL 25/06/2015

Queensland Government

GEOTECHNICAL BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No **BH214**

Sheet 1 of 1

REFERENCE No **H12158**

PROJECT Ipswich Motorway Upgrade - Rocklea to Darra

LOCATION Approach Embankment

COORDINATES 498936.4 E; 6951027.7 N

PROJECT No FG6202 | SURFACE RL 5.50m | PLUNGE 90° | DATE STARTED 22/04/2015 | GRID DATUM MGA94 Z56

JOB No 201/416/003 | HEIGHT DATUM AHD | BEARING ° | DATE COMPLETED 23/04/2015 | DRILLER North Coast

DEPTH (m)	R.L. (m)	AUGER / CASING / WASH BORING / CORE DRILLING	RQD ( ) % CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH (EH VH H M L VL EL)	DEFECT SPACING (EC VC C M W VW EW)	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
	5.36				ASPHALT						
	5.00				Sandy GRAVEL (Fill) Unbound Paving Material.		(GW)				
1				A	Silty CLAY (Fill) Pale grey, moist, ~~firm to~~ stiff. High plasticity, trace medium to coarse grained sand.		(CH)			1, 2, 4 N=6	SPT
					Gravel layer.						
2				B	Becoming stiff.					3, 5, 7 N=12	SPT
	2.90										
3				C	Silty CLAY with Sand (Alluvium) Grey, moist, ~~firm to~~ stiff. Medium plasticity; fine sand.		CI			1, 4, 5 N=9 LL=44% PI= 23% MC=25.7% LS= 12% <75µm= 76%	SPT
4	1.50			D	Clayey SAND (Alluvium) Grey, moist, loose. Fine grained sand.					hw, 3, 3 N=6 LL=38% PI= 21% MC=26.4% LS= 9% <75µm= 41%	SPT
										inferred GWT	
5				E						4, 4, 3 N=7	SPT
6				F	Becoming medium dense. Fine to medium grained sand.		SC			7, 10, 10 N=20	SPT
7				G	Colour changed to dark grey.					2, 7, 5 N=12	SPT
8				H						6, 5, 7 N=12	SPT
9				I	Medium to coarse grained sand.					6, 10, 10 N=20	SPT
	-3.94				Borehole completed at 9.45m						

REMARKS:

LOGGED BY	REVIEWED BY
MS	SF

TMR GEOTECHNICAL BOREHOLE LOG - CREATED WITH HOLEBASE SI