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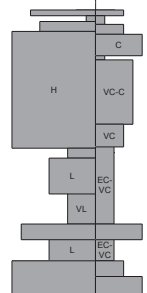
GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH7**
 Sheet 1 of 2
 REFERENCE No **H12808**

PROJECT Lochaber Creek Bridge Replacement
 LOCATION Abutment B, LHS COORDINATES 319989.2 E; 7181073.4 N
 PROJECT No FG6448 SURFACE RL 140.42m PLUNGE 90° DATE STARTED 15/03/2017 GRID DATUM GDA 94
 JOB No _____ HEIGHT DATUM AHD BEARING ° DATE COMPLETED 15/03/2017 DRILLER Schneider Drilling

DEPTH (m)	R.L. (m)	AUGER CASING WASH/BORING CORE DRILLING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH	DEFECT SPACING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS	
													EH
1					A	Sandy CLAY with silt (Alluvium) Brown, moist, very stiff. Medium plasticity.	(CI)					4, 10, 10 N=20	SPT
2	138.62				B	Silty SAND (Alluvium) Brown, moist, medium dense. Fine to medium grained sand, low plasticity fines.						4, 6, 5 N=11	SPT
3					C		(SM)					5, 8, 8 N=16	SPT
4					D							12, 11, 10 N=21	SPT
5	135.52				E	Sandy CLAY (Alluvium) Brown, moist, hard. Low plasticity, fine grained sand.	(CL)					11, 13, 18 N=31	SPT
6	134.52				F	Clayey SAND trace gravel (Alluvium) Pale brown, moist, dense. Fine to medium grained sand, low plasticity fines.	(SC)					11, 13, 18 N=31	SPT
7	133.32				G	Becoming very dense. SANDSTONE (Je/1) HW: Pale grey, medium grained, very thinly to thinly bedded, very low strength.	HW					11, 22, 30/120	SPT
8	132.42				(0)	SANDSTONE (Je/1) SW: Pale grey, medium grained, very thinly to thinly bedded, high strength.	MW						
					100		SW						
					(7)	- BP: 5°-20° (5/m), Pl/Ro, Tl.							
9	131.45					SANDSTONE (Je/1) HW: Pale grey, medium grained, very thinly to thinly bedded, mainly very low to low strength.	HW						
					100		SW						
					(45)		SW						



8.04m: Cly, 10°, 40mm
 8.12m: Cly, 40°, 8mm
 8.15m: Cly, 15°, 10mm
 8.34m: Cly, 15°, 10mm
 8.60m: Cly, 30°, 8mm
 8.81m: Sandy Cly, irregular, 8mm
 8.97m-9.50m: HW zone, sandy Cly & rock
 9.61m-9.76m: HW zone, sandy Cly & rock

is(50)=1.50 MPa
 is(50)=2.80 MPa
 D (8.19m)
 A (8.25m)
 is(50)=1.40 MPa
 A (10.00m)

Continued on next sheet

REMARKS: Je/1 = Evergreen Formation

LOGGED BY	REVIEWED BY
M.Ensor	S.Foley

CORE PHOTO LOG
F: GEOT043/3
DEPARTMENT OF TRANSPORT AND MAIN ROADS
Geotechnical Section



Project Name	Lochaber Creek Bridge Replacement (Burnett Highway 41C)		
Project No.	FG6448	Date Completed	15/03/2017
Borehole No.	BH7	Reference Number	H12808
Location	Lochaber Creek (Abut B LHS)	Start Depth (m)	8.00
Submitted By	Jaime Lopez	Finish Depth (m)	15.95
Remarks			

