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GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH8**

Sheet 1 of 2

REFERENCE No **H12809**PROJECT **Lochaber Creek Bridge Replacement**LOCATION **Abutment B, RHS**COORDINATES **320003.1 E; 7181078.2 N**PROJECT No **FG6448**SURFACE RL **140.12m**PLUNGE **90°**DATE STARTED **16/03/2017**GRID DATUM **GDA 94**

JOB No

HEIGHT DATUM **AHD**

BEARING °

DATE COMPLETED **16/03/2017**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	VH	H	M	J	VL	EL	EC	VC	C	M				W	VW	EW																						
1					Sandy CLAY with silt (Alluvium) Brown, moist, stiff Low plasticity, fine grained sand.	(CL)																	2, 3, 5 N=8	SPT																						
2				Becoming very stiff																																						7, 10, 9 N=19	SPT			
3																																												8, 10, 9 N=19		
4																																													11, 11, 14 N=25	
5	135.22				Clayey SAND (Alluvium) Mottled pale brown & grey, moist, medium dense. Fine to medium grained sand, low plasticity fines.	(SC)																			12, 15, 13 N=28	SPT																				
6																																														11, 14, 15 N=29
7	133.12				SANDSTONE (Je/1) XW: Recovered as pale grey & yellow-brown, moist, hard, medium plasticity, Sandy CLAY with gravel.	XW																			29, 30/90	SPT																				
8																																														14, 15, 20 N=35
9																																														
	130.76		(54)		SANDSTONE (Je/1) SW: Pale grey, medium to coarse grained, very thinly to thinly	SW																				9.20m-9.36m: Sandy Cly 9.58m: Sandy Cly, 20°, 15mm 9.88m: Sandy Cly, 10°, 10mm	Is(50)=1.90 MPa Is(50)=1.50 MPa A (9.39m) D (9.46m)																			
	130.12																																													

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REMARKS: Je/1 = Evergreen Formation

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M.Ensor

S.Foley

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Sheet 2 of 2

REFERENCE No **H12809**

COORDINATES 320003.1 E; 7181078.2 N

GRID DATUM GDA 94

JOB No _____ HEIGHT DATUM AHD _____ BEARING ° _____ DATE COMPLETED 16/03/2017 DRILLER Schneider Drilling

REMARKS: Je/1 = Evergreen Formation

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REVIEWED BY

M.ENSOR

S.Foley