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Connell Wagner

Commenced: 14/06/06 Borehole Number: BH-02

Completed: 19/06/06

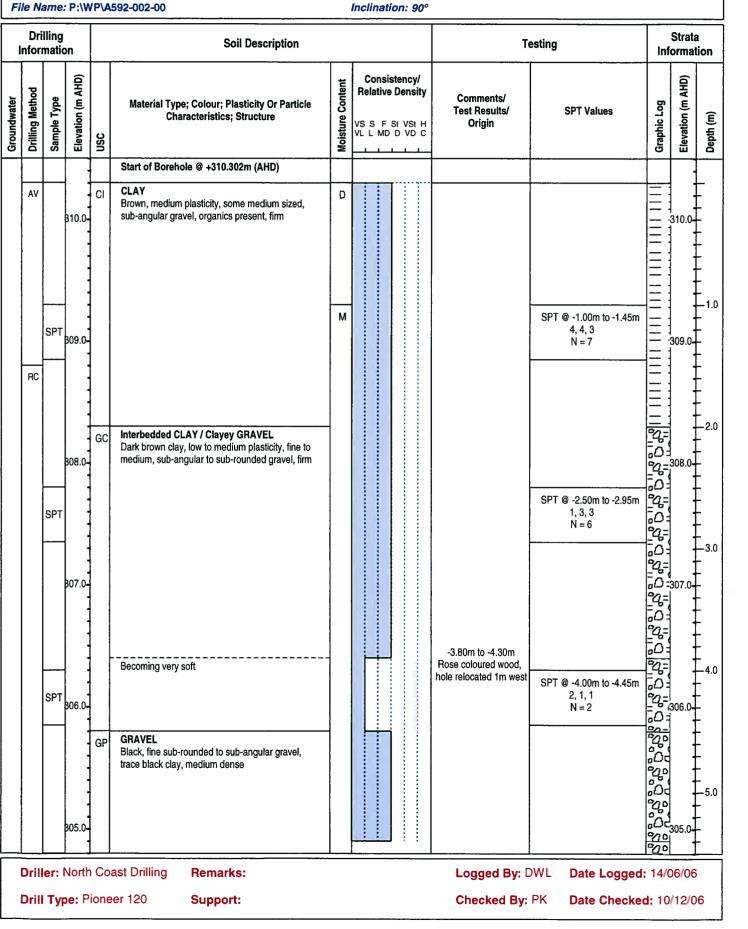
Location: Barambah Creek - River Terrace, Nth Bank Easting: 407194.827 Northing: 7088154.318 Elevation: +310.302m (AHD)

Sheet: 1 of 3

Project Number: A592-002-00

Project: ARRP Bridges

Client: QDMR



Connell Wagner

Commenced: 14/06/06 Borehole Number: BH-02

Completed: 19/06/06

Location: Barambah Creek - River Terrace, Nth Bank Easting: 407194.827 Northing: 7088154.318 Elevation: +310.302m (AHD) Inclination: 90°

Sheet: 2 of 3

Project Number: A592-002-00 *File Name:* P:\WP\A592-002-00

Project: ARRP Bridges

Client: QDMR

Drilling Information		Soil Description	Ti	Strata Information					
Groundwater Drilling Method Sample Type Elevation (m AHD)	USC	Material Type; Colour; Plasticity Or Particle Characteristics; Structure	Moisture Content	Consistency/ Relative Density VSSFStVStH VLLMDDVDC	Comments/ Test Results/ Origin	SPT Values	Graphic Log	Elevation (m AHD)	Depth (m)
С		GRAVEL (Continued) As previous Becoming very fine gravel to coarse sands, medium dense GRAVEL Dark grey, sub-angular to sub-rounded gravel, fine to cobble sized, trace black clay, medium dense Start NMLC Rock Core Log @ +300.85m (AHD)				8, 6, 5 N = 11 SPT @ -7.00m to -7.45m 8, 9, 10 N = 19 SPT @ -8.50m to -8.95m 14, 13, 14 N = 27	<u></u> אָיָלְאָיָלְאָיָלְאָיָלְאָיָלְאָיָלְאָיָלְאָיָלְאָיָלְאָיָלְאָיָלְאָיָלְאָיָלְאָיָלְאָיָלְאָיָלְאָיַלְאָיַלְאַיַל	304.0- 303.0- 302.0-	
Driller: North Coast Drilling Remarks: Logged By: DWL Date Logged: 14/06/06 Drill Type: Pioneer 120 Support: Checked By: PK Date Checked: 10/12/06									

Connell Wagner

Borehole Number: BH-02 Commenced: 14/06/06

Completed: 19/06/06

Location: Barambah Creek - River Terrace, Nth Bank

Easting: 407194.827 Northing: 7088154.318

Elevation: +310.302m (AHD)

Inclination: 90°

Sheet: 2 of 2	
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Project Number: A592-002-00

Project: ARRP Bridges

Client: QDMR

File Name: P:\WP\A592-002-00 _____

100 800.0- xW Becoming stained orange and black, fractured, extremely weathered, some lenesses of gravels and residual clays, finity beted, calcite veining, extremely low strength 38 9 <th colspan="2">Drilling Information</th> <th></th> <th colspan="4">Rock Description</th> <th>t Stre</th> <th>ength</th> <th></th> <th>R</th> <th colspan="4">Rock Mass Defects</th>	Drilling Information			Rock Description				t Stre	ength		R	Rock Mass Defects				
Nucling DW HVTCITE 28 4 6 4 6 4 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 7 7 6 7 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 <th8< th=""> 8 8</th8<>	Groundwater Drilling Method	Core Recovery	Elevation (m LAT)	Weathering	Material Type; Colour; Plasticity Or Particle Characteristics; Structure	RQD (%)	VL S	Strength VL M VH		Strength 🔒		(m)	type, angle, roughness, infill,	Graphic Log	Elevation (m AHD)	Depth (m)
Midt fool DW Mindt fool DW Mindt fool Part of the log back of the				1	Begin NMLC Rock Log @ +300.85m											-
Image: A start of the second start of the second start,	NM				Light grey, fine grained, some healed microfracturing, distinctly weathered,	28							9.51m Jo, 45°, PI, Sm, Cg, Calcite 9.53m Jo, 45°, PI, Ro, Sn 9.62m Jo, 45°, PI, Sm, Cg, Clay Infill 9.65m DI, 30° 9.76m to 9.81m, Clay Seam - off white 9.83m Jo, 45°, PI, Sm, Cg, Clacite 9.92m Jo, 80°, PI, Sm, Cn 9.95m to 10.10m, Highty Microfractured			- - - - - - 10.0
SW becoming distinctly oslightly weathered, high strength 0		10) ^{800.(}	•	fractured, extremely weathered, some lenses of gravels and residual clays, thinly beded, calcite veining, extremely low strength	38							10.20m Jo, 30°, PI, Sm, Sn 10.24m Jo, 30°, PI, Sm, Clay Infill 10.25m, Clay Seam - off white 10.35m to 10.46m, Highly Microfractured 10.40m Jo, 40°, Ir, Ro, Sn 10.45m Jo, 5°, PI, Ro, Sn 10.58m Jo, 60°, Ir, Ro, Sn 10.50m to 10.86m		300.0-	
Priller: North Coast Drilling Remarks: Driller: North Coast Drilling Remarks:				sw	becoming distinctly to slightly weathered, high strength					2.3 A =	5		10.94m Jo, 40°, PI, Sm, Sn 11.15m Jo, 20°, Ir, Ro, Gravelly Clay infill	++++ ++++ 1 I I I ++++ ++++ 1 I I 7 I I 7 I I	299.0-	- 11.0 - - - -
Particle Pariticle Pariticle <		100		FR		100				6.3 A = 3.3 D = 1.3 A =				17 7 1	298.0-	- - - 12.0 - - -
					End of Borehole @ +297.78m (AHD)					0.3					4 4 4 4 4 4	- - - - - - - - - - - - - - - - - - -
	Dri	ller:	: Noi	th C	oast Drilling Remarks:							Logged	By: DWL Date Logged	L	1 06/06	

