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Drilling Information				Soil Description			Testing		Strata Information			
Groundwater	Drilling Method	Sample Type	Elevation (m AHD)	USC	Material Type; Colour; Plasticity Or Particle Characteristics; Structure	Moisture Content	Consistency/ Relative Density	Comments/ Test Results/ Origin	SPT Values	Graphic Log	Elevation (m AHD)	Depth (m)
			314.0		Start of Borehole @ +314.005m AHD						314.0	
	AV			CL	CLAY Brown, low plasticity, trace silt, organics present, firm	D						
		SPT							SPT @ -1.00m to -1.45m 2, 3, 3 N = 6		313.0	1.0
	RC											
			312.0	SC	Sandy CLAY Brown, high plasticity clay, fine sand, trace silt, firm	M						
		SPT							SPT @ -2.50m to -2.95m 2, 3, 4 N = 7		312.0	2.0
			311.0									
			310.0	CI	CLAY Brown, medium plasticity, trace silt and fine sand, firm							
		SPT							SPT @ -4.00m to -4.45m 2, 3, 4 N = 7		310.0	4.0
			309.0	CH	CLAY Brown with light brown and black lenses, high plasticity, trace silt, soft							
											309.0	5.0

Driller: North Coast Drilling **Remarks:**
Drill Type: Pioneer 120 **Support:**

Logged By: DWL **Date Logged:** 15/06/06
Checked By: PK **Date Checked:** 10/12/06

Commenced: 15/06/06

Completed: 17/06/06

Location: Barambah Creek - North Abutment

Easting: 407199.385

Northing: 7088170.187

Elevation: +314.005m (AHD)

Inclination: 90°

Client: QDMR

Project: ARRP Bridges

Project Number: A592-002-00

File Name: P:\WPVA592-002-00

Sheet: 2 of 4

Drilling Information				Soil Description				Testing		Strata Information			
Groundwater	Drilling Method	Sample Type	Elevation (m AHD)	USC	Material Type; Colour; Plasticity Or Particle Characteristics; Structure	Moisture Content	Consistency/ Relative Density		Comments/ Test Results/ Origin	SPT Values	Graphic Log	Elevation (m AHD)	Depth (m)
							VS VL	S L					
	SPT		308.0		CLAY (Continued) As previous					SPT @ -5.50m to -5.95m 1, 2, 2 N = 4		308.0	6.0
	SPT		307.0	CI	CLAY Dark grey, trace silt, medium plasticity, firm					SPT @ -7.00m to -7.45m 2, 3, 3 N = 6		307.0	7.0
	SPT		306.0	SC	Clayey SAND Dark grey, low to medium plasticity, medium to coarse sand, trace sub-angular gravel, loose					SPT @ -8.50m to -8.95m 2, 3, 4 N = 7		306.0	8.0
	SPT		304.0	GC	Clayey GRAVEL Dark grey, low to medium plasticity clay, fine sub-angular to sub-rounded gravel, stained, some coarse sand, loose					SPT @ -10.00m to -10.45m 5, 3, 3 N = 6		304.0	10.0
			303.0									303.0	11.0

Driller: North Coast Drilling

Remarks:

Logged By: DWL

Date Logged: 15/06/06

Drill Type: Pioneer 120

Support:

Checked By: PK

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Client: QDMR

Project: ARRP Bridges

Project Number: A592-002-00

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

Sheet: 3 of 4

Drilling Information				Soil Description				Testing		Strata Information					
Groundwater	Drilling Method	Sample Type	Elevation (m AHD)	USC	Material Type; Colour; Plasticity Or Particle Characteristics; Structure	Moisture Content	Consistency/ Relative Density				Comments/ Test Results/ Origin	SPT Values	Graphic Log	Elevation (m AHD)	Depth (m)
							VS	S	F	St					
		SPT	302.0		Clayey GRAVEL (Continued) As previous										
		SPT	301.0		Gravel size increasing, medium to coarse gravels, medium dense						-11.88m to -12.10m Rose coloured wood, soft				
		SPT	300.0		Clay becoming black, medium plasticity, medium to coarse gravels, some cobbles, dense										
		SPT	299.0		Start NMLC Rock Log @ +299.40m (AHD)										
			298.0												

Driller: North Coast Drilling

Remarks:

Logged By: DWL

Date Logged: 15/06/06

Drill Type: Pioneer 120

Support:

Checked By: PK

Date Checked: 10/12/06

Client: QDMR

Project: ARRP Bridges

Project Number: A592-002-00

File Name: P:\WPVA592-002-00

Sheet: 4 of 4

Drilling Information				Rock Description		Intact Strength		Rock Mass Defects			Strata Information			
Groundwater	Drilling Method	Core Recovery	Elevation (m LAT)	Weathering	Material Type; Colour; Plasticity Or Particle Characteristics; Structure	RQD (%)	Estimated Strength			Defect Spacing (m)	Defect Description (depth, type, angle, roughness, infill, thickness)	Graphic Log	Elevation (m AHD)	Depth (m)
							VL EL	M L	VH H					
					Begin NMLC Core Log @ +299.40m									
	NMLC 95			SW	RHYOLITE Light grey, fine grained, slightly weathered at defects, some sub-rounded andesite, very high strength	60			D = 5.69		14.61m Jo, 30°, Pl, Sm, Clay Infill 14.76m Jo, 30°, Pl, Ro, Cn	+	299.0	15.0
		100				81			D = 8.06		15.00m Jo, 60°, Pl, Sm, Cn 15.10m Jo, 50°, Pl, Sm, Cn 15.22m DI 15.32m Jo, 55°, Pl, Sm, Cn 15.36m Jo, 60°, Pl, Sm, Cg, Calcite 15.55m Jo, 30°, St, Sm, Cn			
									D = 9.34 A = 8.17		15.84m Jo, 40°, Pl, Sm, Cn 15.90m Jo, 40°, Pl, Un, Cn 15.97m DI, 60° 16.17m DI		298.0	16.0
					End of Borehole @ +297.80m (AHD)								297.0	17.0
													296.0	18.0
													295.0	19.0

Driller: North Coast Drilling

Remarks:

Logged By: DWL

Date Logged: 17/06/06

Drill Type: Pioneer 120

Support:

Checked By: PK

Date Checked: 10/12/06

Connell Wagner

Grey Scale



Colour Scale



Location

Barambah Creek
(North Abutment)

Borehole Number

BH-01

Box

1

of

1

Depth

-14.60 m

to

- 16.20 m

Project

ARRP Bridges

Number

A592-002

Client

Queensland Department of Main Roads

