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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)
							VS	S	F	St					
					Start of Borehole @ +311.436m (AHD)										
	AV		311.0	GC	Clayey GRAVEL Brown, low plasticity, some medium to coarse sized, sub-angular volcanic gravel, firm	D									
		SPT	310.0	CI	CLAY Dark brown, medium plasticity, trace organics, trace fine sub-angular gravel, stiff	M					SPT @ -1.00m to -1.45m 5, 5, 5 N = 10				
	RC			GC	Gravelly CLAY Brown to light brown, medium plasticity, fine, angular to sub-angular volcanic gravels, stiff										
		SPT	309.0	XW	RHYOLITE Light brown, rock fabric present, extremely weathered, extremely low strength rock lenses, hard Start NMLC Rock Log @ +308.836m (AHD)						SPT @ -2.50m to -2.95m 30 / 115mm N* > 75				
			308.0												
			307.0												
			306.0												

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

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)			Graphic Log	Elevation (m AHD)	Depth (m)
							VL EL	M L	VH H	Is(50) A/r (MPa)	UCS (MPa)	0.02 0.006			
					Begin NMLC Rock Log @ +308.836m										
	NMLC	100		XW DW	RHYOLITE Light grey, stained orange and black, fractured, fine grained, distinctly to extremely weathered, low to medium strength	0						2.67m Jo, 55°, Pl, Sm, Cn 2.76m to 2.78m, Gravelly Clay Infill 2.78m to 2.89m, 55°, Gravelly Clay Infill 2.92m Jo, 40°, Pl, Sm, Cn 2.96m Jo, 50°, Pl, Sm, Cn 3.00m to 3.10m, 50°, Pl, Sm, Cn, Fractured 3.12m Jo, 15°, Ir, Ro, Cn 3.16m Jo, 45°, Pl, Sm, Cn 3.21m Jo, 60°, Pl, Sm, Cn 3.29m Jo, 45°, Ir, Ro, Cn 3.34m Jo, 60°, Pl, Sm, Cn 3.39m to 3.46m, 60°, Clay Seam, 70mm 3.50m Jo, 60°, Pl, Sm, Cg, Calcite 3.56m Jo, 80°, Pl, Sm, Cg, Calcite 3.60m Jo, 10°, Pl, Sm, Gravelly Clay Infill 3.68m Jo, 45°, Pl, Sm, Cn 3.72m Jo, 60°, St, Ro, Cn 3.78m DI, 20°, Un, Sm, Cn 3.88m Jo, 35°, Ir, Sm, Cn 3.93m Jo, 35°, Pl, Sm, Cg, Calcite 3.97m Jo, 70°, Ir, Sm, Cn 4.05m Jo, 65°, Ir, Ro, Cn 4.07m Jo, 85°, Pl, Sm, Cg, Calcite 4.15m to 4.30m, DI Fractures, gravel 4.3m Jo, 20°, St, Ro, Cn 4.35m Jo, 80°, Pl, Sm, Cn 4.37m Jo, 30°, Pl, Sm, Cn 4.41m Jo, 60°, St, Sm, Cn 4.5m Jo, 70°, Pl, Sm, Cn 4.53m Jo, 70°, Pl, Sm, Cg, Calcite 4.57m Jo, 70°, Pl, Ro, Sn 4.61m Jo, 60°, Pl, Sm, Sn 4.73m Jo, 40°, St, Sm, Cn 4.80m to 4.85m, DI Gravels 5.01m Jo, 10°, Pl, Sm, Cn 5.07m Jo, 90°, Pl, Sm, Sn 5.15m Jo, 75°, Pl, Sm, Sn 5.18m Jo, 20°, Pl, Ro, Sn 5.23m Jo, 20°, Pl, Ro, Sn 5.27m Jo, 5°, Pl, Sm, Cg 5.32m Jo, 40°, Pl, Sm, Cg 5.52m Jo, 15°, St, Sm, Sn 5.67m Jo, 40°, Un, Sm, Cg, Calcite 5.70m Jo, 75°, Pl, Sm, Sn			
		100		DW	Becoming distinctly weathered, very high strength	0									
			308.0												
		100			Becoming highly fractured, with calcite coating of defects, very high strength	0									
			307.0												
		100		SW	Becoming slightly weathered, very high strength	40									
			306.0												
					End of Borehole @ +305.686m (AHD)										
			305.0												
			304.0												

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
(South Terrace)

Borehole Number

BH-03

Box

1

of

2

Depth

-2.60 m

to

-4.90 m

Project

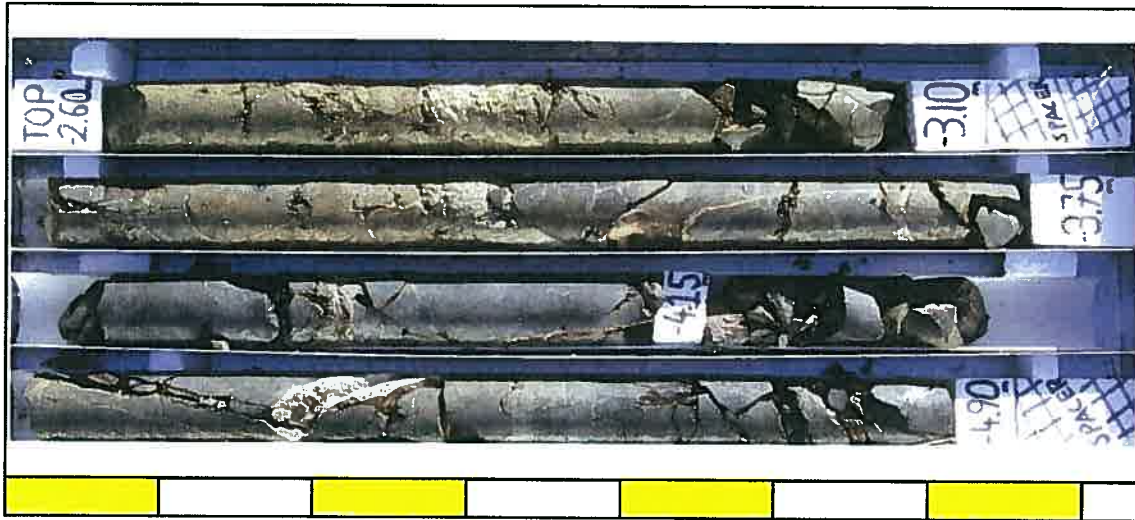
ARRP Bridges

Number

A592-002

Client

Queensland Department of Main Roads



Connell Wagner

Grey Scale



Colour Scale



Location

Barambah Creek
(South Terrace)

Borehole Number

BH-03

Box

2

of

2

Depth

-4.90 m

to

-5.75 m

Project

ARRP Bridges

Number

A592-002

Client

Queensland Department of Main Roads

