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BOREHOLE RECORD

HOLE

BH101

SHEET 1
OF 2

PROJECT MARBURG BYPASS - Warrego Highway Duplication

LOGGED BY PBF
DATE/S 27.9.99

CONTRACTOR SP & KF Christensen Pty Ltd
DRILL MODEL Jacro 350
MOUNTING 4WD Truck

ANGLE Vertical
BEARING -
DIAMETER 50mm

GROUND LEVEL
LOCATION See Figure 2

DRILLING		STRATA		MATERIAL DESCRIPTION		CONDITION		OBSERVATION										
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER / MOISTURE	CONSISTENCY		SOIL ORIGIN, STRUCTURE, ETC.									
	AHD	m					COHESIVE	NON COHESIVE										
							VS	S	F	ST	VST	H	VL	L	MD	D	VD	
			CH		CLAY: Light orange brown, high plasticity													ALLUVIAL FLOOD FLAIN
SPT @ 1.0m 1/1/1 N=2		1			CLAY: Light grey becoming dark grey, high plasticity, organics noted													
		2																
U50 @ 2.5m Cu = 77.5 kPa		3			CLAY: Dark grey mottled orange brown, high plasticity, trace sandy Becoming Sandy CLAY													
		4																
SPT @ 4.0m 3/4/5 N=9		4.00	SC		Clayey SAND: Brown, fine grained sand, high plasticity clay													
		5																
SPT @ 5.5m 5/7/10 N=17		6			Sand Band, medium to coarse Clayey/SAND to SAND: Orange brown with some dark grey mottling, medium to coarse grained sand in a clayey matrix													
		6.00																
		7			SANDSTONE: White, distinctly weathered													DW SANDSTONE
SPT @ 7.0m 20/40mm N=Refusal		7.05			(no recovery)													
		8																
		9																

NOTES

JOB

11702/2

BOREHOLE TEST PIT MARBURG2.GPJ ARUP_AUS.GDT 27/10/99

PROJECT MARBURG BYPASS - Warrego Highway Duplication

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ANGLE Vertical

GROUND LEVEL

DRILL MODEL Jacro 350

BEARING -

LOCATION See Figure 2

MOUNTING 4WD Truck

DIAMETER 50mm

DRILLING			STRATA		MATERIAL DESCRIPTION							DISCONTINUITIES		
CASING RUN, REC. (%)	WATER	SAMPLE TEST	R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH			FREQUENCY (per m)	SPECIFIC		GENERAL DESCRIPTION
			AHD	m				EL	M	EH		TYPE	ANGLE	
				1										
				2										
				3										
				4										
				5										
				6										
		Is(50) = 0.24 MPa		7		SANDSTONE: Orange brown, fine grained sand with some fine to medium grained gravel, high strength	DW							
				8										
		Is(50) = 0.12 MPa		9		Gravel content increasing, fine to medium grained gravel, well cemented								
				9.80										

NOTES

- TYPE OF DISCONTINUITY
- Jo JOINT
 - Be BEDDING PLANE PARTING
 - Fo FOLIATION PARTING
 - Cl CLAY SEAM
 - We WEATHERED SEAM
 - Cr CRUSHED SEAM
 - Sh SHEARED ZONE

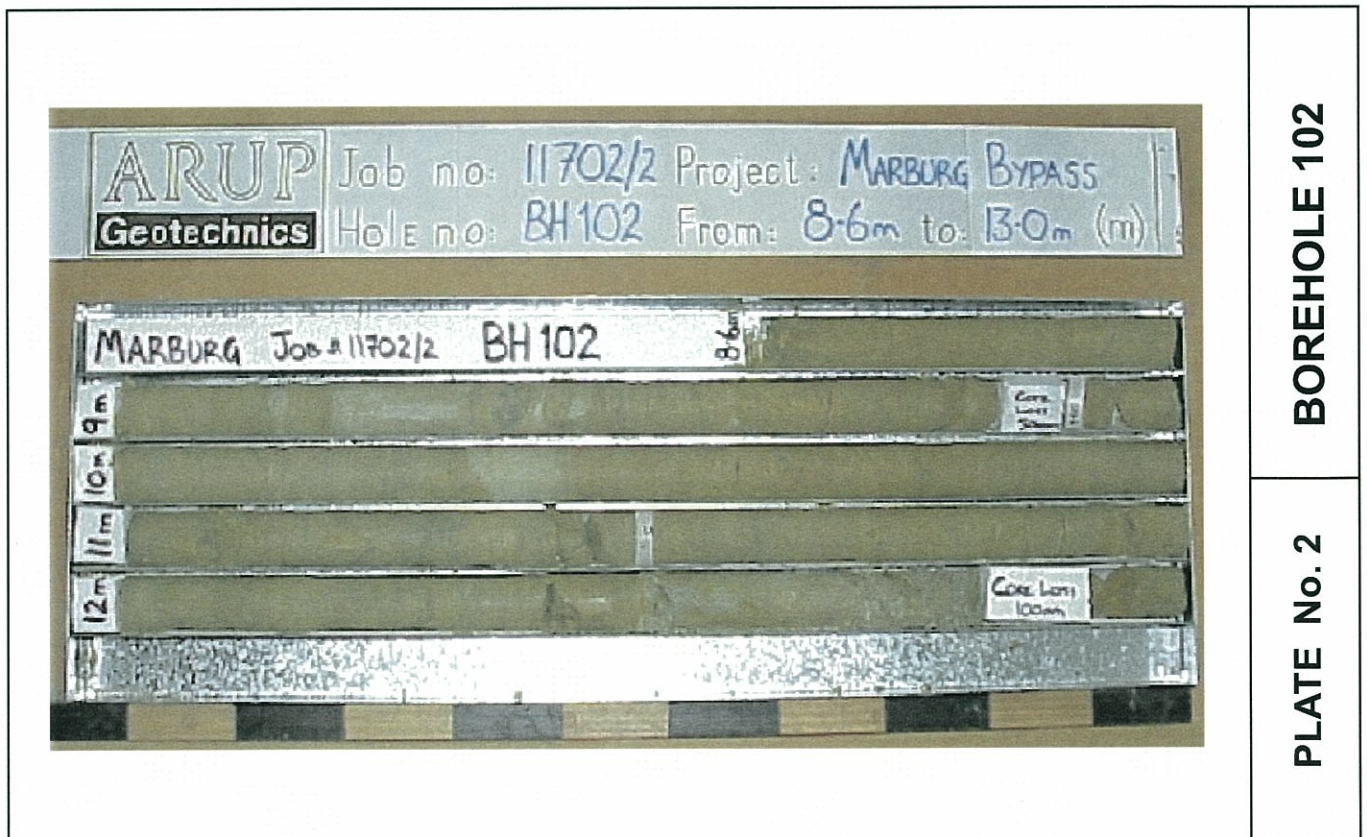
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CORED BOREHOLE MARBURG2.GPJ ARUP AUS.GDT 27/10/99



BOREHOLE 101

PLATE No. 1



BOREHOLE 102

PLATE No. 2