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BOREHOLE RECORD

SHEET 1

HOLE BH112

OF 1

PROJECT South West Arterial

LOGGED BY PBF

DATES 27/7/99

CONTRACTOR SP & KF Christensen Pty Ltd

ANGLE Vertical

GROUND LEVEL RL 70.4

DRILL MODEL Jacro 350




BEARING

EASTING 491 423.7

MOUNTING 4WD Truck

DIAMETER

NORTHING 939 240.2

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	SL	ST	VST	HL	JL	MD	DD	VD	
Augering			CL		Sandy CLAY (CL): Orange brown, medium plasticity											RESIDUAL
Wash Boring		1			SANDSTONE: Light orange brown, extremely weathered											XW SANDSTONE/ XW SILTSTONE
		1.5														
		2														
		3			becoming light orange to pale grey											
SPT @ 3.0m 16/22/28 N=50																
		3.9			SILTSTONE: Pale grey, extremely weathered											
		4														
SPT @ 4.5m 11/30/145mm N=R		4.5														
		5			Start Coring at 4.8m											
		6														
		7														
		8														
		9														
		10														

NOTES

JOB

11613

PROJECT South West Arterial

LOGGED BY	PBF
DATE/S	27/7/99

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

ANGLE	Vertical
BEARING	
DIAMETER	NMLC

GROUND LEVEL RL 70.4
NORTHING 939 240.2
EASTING 491 423.7

DRILLING			STRATA		MATERIAL DESCRIPTION				DISCONTINUITIES					
RUN REC. (%)	WATER	SAMPLE TEST	R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH	FREQUENCY (per mm)	SPECIFIC		GENERAL DESCRIPTION		
			AHD	m						TYPE	ANGLE	THICKNESS (mm)	Roughness Class, Coating, Infill	
				1										
				2										
				3										
				4										
		Is50= 0.02MPa		5		Start Coring at 4.8m								
				5.25		MUDSTONE: Orange brown to grey, very low strength	XW				Cr	45	20	Rough, fine gravel infill
		Is50= 0.01MPa		5.6							Be	5	<5	Bedding parting
				5.7		SANDSTONE: Orange brown, fine grained sand					Jo	90	5	White clay infill
				6.1										
		Is50= 0.08MPa		6.45		SANDSTONE: Light brown with occasional dark grey banding, some siltstone layers, low strength								
				7										
				7.3		SANDSTONE: Orange brown with occasional dark grey banding					Jo	0	5	Veneer clay coating, Smooth
				7.4							Jo	90	<5	
				7.75		SILTSTONE: Orange brown, low strength					Jo	0	<5	
		Is50= 2.41MPa		8			DW							
				8.2		SANDSTONE: Grey to orange brown, high strength					Jo	10	<5	Smooth, Iron stained
		Is50= 0.12MPa		8.3		SANDSTONE: Grey with dark grey banding, fine grained, medium strength								
				9										
						END BH112 at 9.3m								

NOTES

TYPE OF DISCONTINUITY

JOB

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

11613

FN32.14 October 1994

<div>ARUP</div> <div>Job no: 11613 Project: SW ARTERIAL</div> <div>Hole no: BH112 From: 4.8 to: 9.3 (m)</div>	BOREHOLE 112
<div>SW ARTERIAL JOB # 11613 BH 112 START CORING @ 4.8m</div> <div>5.0m</div> <div>6.0m</div> <div>7.0m</div> <div>9.0m</div> <div>9.3m END BH 112</div>	PLATE No. 11