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ARUP Geotechnics		CORED BOREHOLE RECORD				HOLE BH110		SHEET 1 OF 1						
PROJECT South West Arterial						LOGGED BY PBF DATE/S 23/7/99								
CONTRACTOR SP & KF Christensen Pty Ltd		ANGLE Vertical		GROUND LEVEL RL 63.4										
DRILL MODEL Jacro 350		BEARING		NORTHING 938 913.1										
MOUNTING 4WD Truck		DIAMETER NMLC		EASTING 491 102.5										
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)		
						Start Coring at 1.15m								
100%				1.9		SANDSTONE: Orange brown, fine grained, high strength	DW				CI	-	50	Orange clay
				2.15		highly fractured with some low strength clay bands					Jo	10	<5	No infill
				2.35		SANDSTONE: Orange brown, fractured, fine grained, medium strength					CI	-	100	White clay seam
				2.5							CI	1-	5	
100%		Is50= 0.02MPa		3							CI	10	10	Orange clay seam
				3.2							CI	10	20	White clay seams
				3.85							CI	10	10	
100%		Is50= 0.06MPa		4							Be	30	<5	Clay infill
				4.5										
				5.2							CI	10	10	White clay seam
				5.35		highly fractured zone								
				6										
				6.5							Jo	90	10	Quartz in joint
		Is50= 1.20MPa		6.75		Core loss, 100mm					Jo	70	5	Quartz bands
				6.85		SANDSTONE: Light orange brown, high strength								
		Is50= 0.35MPa		7							Jo	70	5	Undulating
		Is50= 0.32MPa		7.7										
		Is50= 0.43MPa		8										
						END BH110 at 8.35m								
				9										
				10										
NOTES							TYPE OF DISCONTINUITY				JOB			
							Jo JOINT Be BEDDING PLANE PARTING Fo FOLIATION PARTING CI CLAY SEAM We WEATHERED SEAM Cr CRUSHED SEAM Sh SHEARED ZONE				11613			

FN32.14 October 1994

<div><div>ARUP</div><div>Job no: 11613 Project: SW ARTERIAL</div><div>Hole no: BH110 From: 1.15 to: 8.35 (m)</div></div> <div><div>BH 110</div><div>1.15 m</div><div>2.0 m</div><div>3.0 m</div><div>4.0 m</div><div>5.0 m</div><div>6.0 m</div><div>7.0 m</div><div>8.0 m</div><div>END BH110 @ 8.35 m</div></div>		BOREHOLE 110
<div><div>CORE</div><div>LOGS</div></div>		PLATE No. 9