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ARU Geotechr		OREHOLE RECORD	HOLE B	<del>-</del> 103	SHEET 1	
PROJECT	South West Arterial		LOGGED BY PBF DATES 21/7/99			
CONTRACTOR DRILL MODEL MOUNTING	SP & KF Christensen Pty Ltd ANGLE Vertical GROUN Jacro 350 BEARING EASTI			UND LEVEL RL 40.5 TING 490 414.6 THING 938 627.2		
DRILLING	STRATA	MATERIAL DESCRIPTION	CONDITIO	ON	OBSERVATION	
SAMPLE, TEST, BIT, SUPPORT, ETC.	GROUP SYMBOL	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER / MOISTURE / WS S S S S S S S S S S S S S S S S S	NON COHESIVE	SOIL ORIGIN, STRUCTURE, ETC.	
Augering	0.7 	Gravel Road Base, 50mm CLAY (CL): Red brown, medium plasticity  becoming more yellow in colour  Topsoll: Dark brown silty clay CLAY (CH): Red brown, medium to high plasticity	> S L S > H	) W	FILL	
Wash Boring	- 3.5 	Sandy CLAY (CH): Red brown, high plasticity, soft				
	5.3 5.5 	becoming stiffer  Silty CLAY (CL): Red brown, stiff to very stiff				
	+ + 8 + + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1	increasing in strength (suspect XW SILTSTONE)			XW SILTSTONE	
	7	becoming Sandy Siltstone/ Silty Sandstone				
NOTES Water Table located at 3.5m below GL.  FN30.14 October 1994				ЈОВ 110	613	

ARU Geotechi		BOREHOLE RECORD	HOLE BI	<del>-</del> 103	SHEET 2
PROJECT	South West Arteria		LOGGED BY	PB 7/99	<u> </u>
CONTRACTOR DRILL MODEL MOUNTING	SP & KF Christe Jacro 350 Truck (4x4)	nsen Pty Ltd ANGLE Vertical BEARING DIAMETER	GROUND LEVEL RL 40.5  EASTING 490 414.6  NORTHING 938 627.2		
DRILLING	STRATA	MATERIAL DESCRIPTION	CONDITION OF		OBSERVATION
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L. DEPTH SAMON AND ME	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER / MOISTURE COHESIVE TO COHESIVE	NON COHESIVE	SOIL ORIGIN, STRUCTURE, ETC.
SPT @ 10.5m = 9/18/26 N=44	10.5	SILTSTONE: Grey, very low to low strength	> ω   L ω > 1	>_1\(\sigma\)	
_		Start Coring at 12.0m			
	+ + + + + + + + + + + + + + + + + + +				
-	+ -16 +				
	† 17 † 17 † 17				
	+18 + + + + + + + + + + + + + + + + + +				
	20			JOB	
NOTES Water Table located at 3.5m below GL.  FN30.14 October 1994					613

ARU Geotechr	CO	RED BOREHOLE RECO	ORD	HOLE BH10		
PRUJECT South West Afterial			LOGGED BY DATE/S			
CONTRACTOR SP & KF Christ DRILL MODEL Jacro 350 MOUNTING 4WD Truck		tensen Pty Ltd ANGLE Vertical BEARING DIAMETER NMLC		GROUND LEVEL RL 40.5 NORTHING 938 627.2 EASTING 490 414.6		
DRILLING	STRATA	MATERIAL DESCRIPTION		DISCONTINUITIES		
MATER MATER TSATE	R.L. DEPTH	ROCK TYPE Colour, Grain Size, Structure, Minor Components	EATHERING STRENGTH	FREQUENCY   10   10   10   10   10   10   10   1	GENERAL DESCRIPTION  Roughness Class, Coating, Infill	
Is50= 0.04MPa Is50= 0.13MPa Is50= 0.07MPa Is50= 0.07MPa	AHD m	Start Coring at 12.0m  SILTSTONE: Brown to red brown, low strength, some iron staining  SANDSTONE: Grey, fine grained, low strength  SILTSTONE: Red brown to grey, low strength  End BH103 at 15.5m	xw T			
NOTES	1 <sub>20</sub>		Fo FOLIATI	G PLANE PARTING ION PARTING EAM RED SEAM	<sup>ЈОВ</sup>	

## ARUP

## SOUTH WEST ARTERIAL JOB # 11613



**BOREHOLE 103** 

PLATE No. 3