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ARUP	BOREHOL	E BECO		D	H4	SHEET	1
Geotechnics			n u	HOLE		OF	3
PROJECT \	Yandina Highway Upgradin Preliminary Geotechnical			LOCATION GROUND LEV		Fig.2.	-
CONTRACTOR	Christensen Drilling	ANGLE	90	LOGGED BY	PFW	/BS	
DRILL MODEL MOUNTING	Jacro 350 Truck	BEARING DIAMETÉR	_ 100mm	DATE/S	19 (OCT '93	;

MOUNTING	Truck		DIAMETER 100mm	<u> </u>	19 001 93
DRILLING	STRATA		MATERIAL DESCRIPTION	CONDITION	OBSERVATIONS
SAMPLE, TEST, BIT, SUPPORT ETC	R.L DEPTH	GROUP SYMBOL. LEGEND	SOIL TYPE Colour, Piesticity, Grain Size, Minor Components	WATER/ MOSTURE STATES OF THE CONSTITUTE OF THE CONSTITUTE OF THE CONSTITUTION OF THE C	SOIL ORIGIN STRUCTURE, ETC
SPT:10,21,32	1.5 3.0 C	PWS	TOPSOIL Silty SAND: brown, fine grained sand. Silty CLAY: grey, medium plasticity, containing some silt. As Above: but change in colour to brown—grey. As Above: mottled grey, appearance of some fine sand. As Above: mottled grey colour, trace of fine gravel, clasts of volcanic rock (<10mm). EW/HW VOLCANIC TUFF: (Hard drilling with TC bit).		RESIDUAL ROCK (texture evident) EW ROCK (Volcanic Tuff)
2. AD-T dri	302° from PC	increa	sed difficultly in drilling.	FIGURE	JOB 7472/4

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ARI				E	SOREHOLE RECORD	н	OLE	E	3H	14		SHEE	⁷ 2 3	
PROJECT		Yandi	na I	lighy	yay Upgrading	LC	CATI		_		see Fig.2.			
CONTRACTOR DRILL MODEL		Christ Jacro	ense 35	en D	BEARING —	LC		D EY		ı	PFW/	'BS CT '9	3	
MOUNTING		Truck			DIAMETER 100mm	<u> </u>						DOED	ATIONS	_ ☐
DRILLING		STRATA	5		MATERIAL DESCRIPTION	-	τ .	CONSI	CTE		╫	DESERV	AHUNS	-
Sample, Test, Bit, Support ETC	R.L AHD	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER/ MOISTURE	8.8	. <u>ک</u> اما۔	- 5-	73.9	3		origin Re, etc	
AD-T	~	_ 8.0	<u> </u>	_	EW/HW VOLCANIC TUFF	М		П			EV	//HW	ROCK	1
<u>-</u> -		-		. 1	- -	 -					Į (V	olcani	c Tuff)	_
-		8.8 - 9.0 			T.C bit refusal at 8.8m. Borehole continued by									_
- - -	+	-		-	- coring — see Sheet 3 	† ‡								1
-	-	_ 10.0		_	<u> </u>	 -							•	
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ARUP Geotechnics	CORED	30REHOL	E RECORD	HOLE BH4	ļ	SHEET	3
PROJECT	Yandina Highway Upgradi Preliminary Geotechnical			LOCATION GROUND LEVEL	see	Fig.2.	-
CONTRACTOR DRILL MODEL MOUNTING	Christensen Drilling Jacro 350 Truck	ANGLE BEARING DIAMETER	90 — 100mm	LOGGED BY DATE/S	PFW/ 20 C	/BS OCT '93	

Г	DRIL	LING		STRATA	,		MATERIAL DESCRIPTION	T							_		DISCONTINUITIES
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RUN, REC.	WATER	SAMPLE TEST	R.L	HI430	SROUP SYMBOR	LEGEND	SOIL TYPE	WEATHERING	ESTIM ROX STREM		CK Natio	1	1 G		<u>"</u>	YESS	Planarity, Roughnese,
3. 3.	€		AHD	E	GROUF	Щ	Colour, Plasticity, Grain Size, Minor Component	4	μ,	 ا		田名	5 to]≛	Ž	THICKNESS (mm)	Coating, Infill
-			-	8.0			BH4 Auger drilled from 0.0m to	T	T		Ţ	П	П	1	П		
-			_	-			8.8m. Refer to Sheet 1 and 2 for description.	+	Ш								4
			_	- - 8.8			_ ior description.	†					\parallel				-
25%			-	9.0 9.1			_ As Below:	E	~		П				П		As Below:
				- 9.1		7	ALTERED SEDIMENTARY BOCK	Ŧ	П					Т			Alteration and - crushing common
100%						1	 ALTERED SEDIMENTARY ROCK: green— purple, fine grained, extreme deformation of some bedding planes. 	<u> </u> H/	Ņ								possible faulting I
+			- 1	-		+		I M									causing heavy - fracturing at 9.8m, jointing
				10.05 10.05			BH4 terminated at required death	╪	H	+		+	╫	Н	Н		9.8m, jointing 0-15 degrees.
-			1	-		1	BH4 terminated at required depth 10.05m.	Ţ]
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							We-WEATHEREI Cr-CRUSHED	D 5£								-	7472/4
							Sh-SHEARED					'	٠.				
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