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# BOREHOLE RECORD

SHEET 1

OF 2

HOLE **BH2**

LOCATION see Fig.2.  
GROUND LEVEL

LOGGED BY PFW/BS  
DATE/S

19 OCT '93

PROJECT Yandina Highway Upgrading  
Preliminary Geotechnical Investigation

CONTRACTOR Christensen Drilling  
DRILL MODEL Jacro 350  
MOUNTING Truck  
ANGLE 90  
BEARING —  
DIAMETER 100mm

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION	OBSERVATIONS				
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					15	10		5	2.5
AD-T		0.3	SC		Clayey SAND: dark brown, low plasticity clay content, fine grained sand.	M				TOPSOIL	
		0.6	SM		Silty SAND: grey brown, fine grained sand.						SLOPEWASH
		1.0	CL		CLAY: grey brown, medium to high plasticity, some fine sand.						
		1.8	CH		CLAY: grey, high plasticity, some fine sand and some fine gravel (rock fragments).						RESIDUAL SOIL
		2.0									
		2.8			Sandy CLAY: brown, medium plasticity.					EW ROCK	
		3.0									
SPT:28/115 Refusal		3.1			VOLCANIC ROCK: pink, grey and green, highly weathered.					HW ROCK	
AD-T		4.0									
		4.2									
		5.0			TC bit refusal at 4.2m. Borehole continued by coring - see Sheet 2.						
		6.0									
		7.0									
		8.0									
NOTES						FIGURE		JOB			
1. Auger drilled with tungsten blade bit from 3.1m to 4.2m. Difficult drilling in rock.								7472/4			

**CORED BOREHOLE RECORD**

SHEET 2  
OF 2

HOLE **BH2**

PROJECT Yandina Highway Upgrading  
Preliminary Geotechnical Investigation

LOCATION see Fig.2.  
GROUND LEVEL

CONTRACTOR Christensen Drilling  
DRILL MODEL Jacro 350  
MOUNTING Truck

LOGGED BY PFW/BS  
DATE/S 19 OCT '93

DRILLING			STRATA			MATERIAL DESCRIPTION			DISCONTINUITIES				
CASING RUN, REC. (%)	WATER	SAMPLE TEST	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH	SO FREQUENCY TO FREQUENCY (per m)	SPECIFIC		GENERAL CONDITION Planarity, Roughness, Coating, Infill
			AHD	m							TYPE	ANGLE	
				0.0									
				1.0									
				2.0									
				3.0									
				4.0									
				4.2									
100%				5.0			VOLCANIC ROCK: red and grey, massive, poorly developed banding.	SW			CI	0	10
				5.5							CI	0	2
				6.0			BH2 terminated at required depth 5.5m.						
				15.0									
				16.0									
NOTES							TYPE OF DISCONTINUITY			FIGURE		JOB	
							Jo-JOINT Be-BEDDING PLANE PARTING Fo-FOLIATED PARTING Ci-CLAY SEAM We-WEATHERED SEAM Cr-CRUSHED SEAM Sh-SHEARED ZONE					<b>747214</b>	