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ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No BH C74

SHEET _ 1 _ of _ 2 _

REFERENCE No _ H11149 _

PR	OJECT	В	ruce	Highw	ay l	Jpgrade (Cooroy to Curra) Section C					
LO	CATION	E	mba	<u>nkmen</u>	t <u>8/</u> F	Potential Access Overpass Abut B			C	OORDINATES 472042.3 E; 7093855.	1 N
PR	OJECT No	·F	<u>G57</u>	99		SURFACE R.L. <u>69</u> .40m PLUNGE <u>-9</u> 0	<u> </u>	DATE STARTED	31/8	/ <u>1</u> 1 GRID DATUM <u>MGA9</u> 4	200.000.00
JO	B No	_2;	32/1	0 <u>A</u> /2		. HEIGHT DATUM <u>AHD</u> BEARING		DATE COMPLETED	_1/ <u>9/</u> 1	DRILLER _Drillsure_Pty L	td
o DEPTH (m)	R.L. (m)	띴줐	WASH BORING CORE DRILLING	RQD ()% CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC	INTACT DEFECT STRENGTH SPACING (mm)		ADDITIONAL DATA AND TEST RESULTS	SAMPLES
-	69.20		T	1120 70	-	TOPSOIL		+	+		0, F
	68.40					Silty CLAY (Alluvium): Brown, moist, firm to stiff, high plasticity.	(CH)	+	1		-
-					Α	Gravelly Silty CLAY (Alluvium): Brown/grey, moist, very stiff, low plasticity.				7,9,9 N=18	SPT
-2	66.90				:		(CL)	† † †			-
1 16,48					В	Sandy Silty CLAY (Alluvium): Brown/grey, moist, firm to stiff, intermediate to]	3,5,4 N=9	SPT
GLD_DMR_LIB_01A.GLB_LOG_A_ENGINEERING BOREHOLE LOG FG5789-BRUCE HWV UPGRADE SECTION C.GPJ_DWG53226.GDW_Datgel CPT Tool gIN Add-in 13/12/2011 16:48						high plasticity.	(CI- CH)				-
Datgel					С		(CH)			3,4,4 N=8	SPT
ON C.GPJ DWG53226.GDW	63.90			i		Crovally Condu CLAY (Allusticas)					
RUCE HWY UPGRADE SECTION OF THE PARTY OF THE			- 1		D	Gravelly Sandy CLAY (Alluvium?): Brown/grey, moist, very stiff, intermediate plasticity. Gravel portion is angular sizing up to 25mm.	(CI)			4,6,13 N=19	SPT
8-6623	62.40	Ц			Е	SILTSTONE (SHEAR ZONE) (HW):		<u> </u>	_	28,5/0	SPT -
0G FG		L	+	(0)		Grey, fine grained, subtly foliated, extremely to very low strength.		-		N>50 - Is(50) = 1.00MPa	x]
JOLE L						Defects:				CLy BZ Is(50) = 0.17MPa	0 -
BORE				100		-Foliation partings throughout at 20°Clayey and sheared throughout.				Broken CLy QZ band	-
- CRING				(0) 100		-Joint at 30° (1-2/m)				BZ CLy D-BZ	-
01A.GLB Log A_ENGINEE	,			100		-Joint at 60°-70° (1-2/m) Defect spacing is mainly extremely close to very close. Defect surfaces are planar, tight or closed, smooth, clay infilled.	HW			Zone with prominant clay seams	
MR LIE				(0)					1		-
10				100					1111	T⊢BZ	=
	REMARKS	_								LOGGED BY	
		_								JA/DC	



ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/6-2010

PROJECT		lpgrade (Cooroy to Curra) Section C		
		Potential Access Overpass Abut B	COORDINATES 472042.3 E; 7093855.1 N	
		SURFACE R.L. 69.40m PLUNGE -90° DATE STARTED 31/8/11		
		HEIGHT DATUM <u>AHD</u> BEARING	DATE COMPLETED _1/9	DRILLER _Drillsure Pty Ltd
R.L. (m) E) HL 430 10 59.40	AUGER AUGER WASH BORING CORE DRILLING S THE SAMPLE	MATERIAL DESCRIPTION	WEATHERNO LUSC (www) SARANG (ww	ADDITIONAL DATA AND TEST RESULTS ADDITIONAL DATA
-11	100 (0) 100 180 180 180 180 180 180		HW	- CLy Sheared Zone
56.03 56.03 56.03 56.03 56.03 56.03	100 (0) 100 (0)	ANDESITE (MW): Grey, fine grained, massive, medium to high strength. Defects: -Joint at subvertical (1-2/m) -Joint at 10° (3/m) -Joint at 70° (2/m) Defect spacing is extremely close to very close. Defect surfaces are planar or irregular, tight, slighly rough, thinly clay infilled.	MW	J, Subvertical, I, T, R, CInf J, 70°, PI, T, SR, CInf
16 16 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19		Borehole terminated at 15.55m		
REMARKS				LOGGED BY JA/DC



Phone 07 3115 3035 Fax	07 3115 3011						
	CORE PHOTO I	_OG = BH C74					
Project Name: BRUCE HIGHWAY UPGRADE - SECTION C							
Project No.:	FG5799	Date:	08/09/2011				
Details:	Structure	Start Depth (m):	7.30				
Reference No.:	H11149	Finish Depth (m):	15.55				
0							
	TO L						
A STATE OF THE PARTY OF		made 14 1	1				
APPROXIMENT OF THE PERSON	the similar bases of		HIS MID SPACER				
School Control			(Hillian)				
A CONTRACTOR			THE RESERVE OF THE PERSON OF T				
	Contraction of the last of the						
			100				
T. V			2				
Jan Jakob							
See	DHC74		UMS CARCIN				
		A CONTRACTOR	G,Rad				
			4				
San Control of San Co		of the second					

300

200

0

100

END OF BOREHOUS

400

15.55 M

600

500

700