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ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/5-2009

BOREHOLE No __BH094 ___

SHEET __1_ of __2_

REFERENCE No __H10736 ___

DB No _1	RQD () % () %	SURFACE R.L. 135.85m PLUNGE _ HEIGHT DATUM _AHD _ BEARING _ MATERIAL DESCRIPTION	 		DATE COMPLE	ETED 2		
R.L. (m) 200 PC (m) 20	MGC WGC W () W W () W	MATERIAL		П	INTACT DE		1/15/	DRILLER R&D Drilling
(m) 135.85 V 200 V	ROLLER DRILLING () %				INTACT DE			
		DESCRIPTION	LITHOLOGY	USC	STRENGTH SP.	PACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS
		Silty CLAY Red-brown, moist, firm, intermediate plasticity.	1	(CI)				
122.05	A	PHYLLITE (XW): Generally exhibits the engineering properties of pale brown to red, moist, hard, gravelly silt of low plasticity. Rock fabric visible throughout.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	xw				9,13,21 N=34
133.85	В	PHYLLITE (HW): Generally exhibits the engineering properties of pale brown to slightly red,	\$\$\$\$\$\$					18,30/145mm N>50
	(0)	moist, hard, gravelly silt of low plasticity. Rock fabric visible throughout. From 3.32: Grading into very low strength rock.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		‡ ‡ <u>‡</u>			30/125mm N>50
	100 (0) 100 (0)	Foliation dips at 30-40°. Clayey broken zones throughout.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	HW				
130.75	(0) 100 (0)	PHYLLITE (MW): Grey with pale brown mottling, fine grained foliated. Foliation dips at 20-30°. Defect spacing is close. Prominent defect set parallel to foliation. Defect surfaces are typically thinnly clay	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					J, 20°, PI, C, CInf 5mm
	100 (0)	infilled or iron stained. Healed irregular fractures throughout.	\$	мw				- J, 20°, PI, C, CInf CLy zone
	100 (16)		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					⊡– CLy BZ ⊡– CLy BZ
126.50	100	PHYLLITE (SW):	*************************************			54 55 6 6		Is(50) = 0.03MPa — J, 30°, PI, O, CInf 10mm ⊐ BZ
	100	(See over)	\$\$\$\$\$\$\$	sw				CLy SZ, reahealed joints



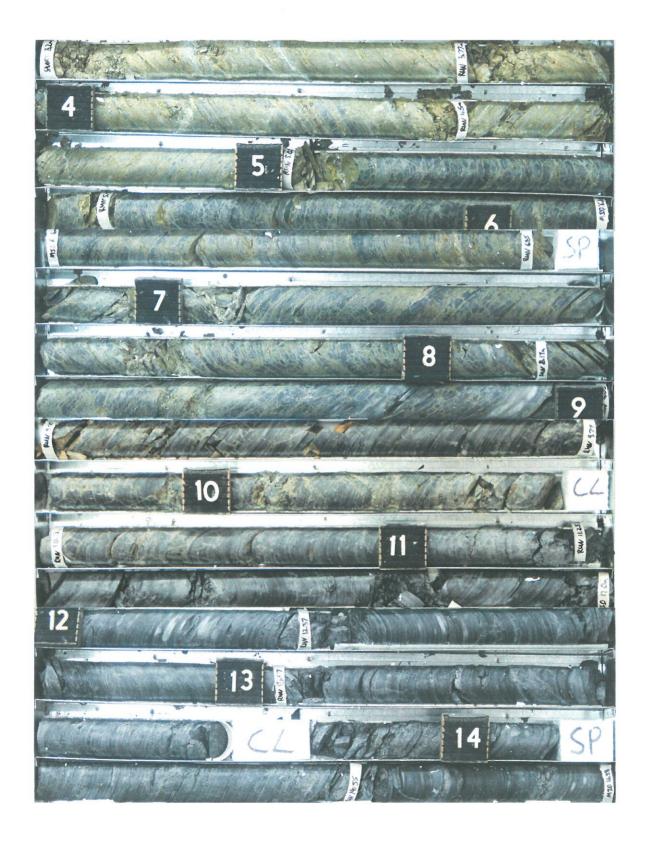
ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/5-2009

PROJEC					AY (COOROY - CURRA) SECTION A GEO							
					rn Interchange Roundabout SURFACE R.L. <u>135.85m</u> PLUNGE _						ORDINATES 487003.3 E; 7080663	. <u>6 N</u> _
JOB No					HEIGHT DATUM <u>AHD</u> BEARING _							
C		120/1	07.0001		TICIOTI DATONI _ALD BEAKING _			DATE CON	MPLETED	2//5/1	DRILLER R & D Drilling	<u> </u>
(E) HL (DE DI LE CONTROL CONTR	n)	CASING ROCK ROLLER CORE DRILLING	RQD () % CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	INTACT STRENGTH ボデェをコラゴ	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES
COOROY-C/RRAN SECTION A BHS. GPJ DWG68842.CDW Datgel CPT Tool gills Add-in 22082010 1043	9.60		93 (0) 100 (0) 100 (17) 100 (0) 100 (0) 88 (0)		PHYLLITE (SW) CONT'D: Pale grey, fine grained, foliated. Foliation dips at 30°. Defect spacing is close. Prominent defect set parallel to foliation with irregular rehealed joints throughout. 'Defect surfaces are typically thinly clay infilled or iron stained.		SW				CLy SZ, reahealed joints CLy BZ / SZ BZ BZ CLy BZ CLy BZ CLy BZ CLy BZ CLy SZ	
120).39		8		ANDESITE (MW):	***					Sharp contact at 40° Is(50) = 1.58MPa	×
8 } - 16 119	9.89		100		Grey with white flecks, fine grained, massive.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	MW				Is(50) = 1.39MPa	ô
06Y F63823 BKUCE			(0)		Defects are closely spaced. Defects are irregular, closed, iron stained or clay infilled. PHYLLITE (SW): Pale grey, fine grained, foliated.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	sw			1111	⊐−CLy BZ	
7 17 17 17 17 17 17 17 17 17 17 17 17 17	3.10		(0)		Foliation dips at 30°. Defect spacing is close. Prominent defect set parallel to foliation with irregular rehealed joints throughout	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					← CLy seam ← CLy BZ	
5-18				- 1	Defect surfaces are typically thinly clay							
119				μ	infilled or iron stained. Borehole terminated at 17.75m	J						
REMA	RKS_										LOGGED BY JA	

Project: Bruce Highway Upgrade (Cooroy - Curra) Section A

Borehole No: BH 94
Start Depth: 3.20m
Finish Depth: 17.75m
Project No: FG5825
H No: 10736





Project: Bruce Highway Upgrade (Cooroy - Curra) Section A

Borehole No: BH 94
Start Depth: 3.20m
Finish Depth: 17.75m

Project No: FG5825 H No: 10736



