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ENGINEERING BOREHOLE LOG

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

BOREHOLE No	BH030					
SHEET	_1_ of _2_					
REFERENCE No	H10652					

PROJECT	BRUCE HIGHWAY (COORDY - CURRA) SECTION A GEOTECHNICAL INVESTIGATION											
	N <u>Cudgerie Drive Underpass</u> TNO <u>FG5825</u> SURFACE R.L. <u>118.10m</u> PLUNGE DATE STARTE									COORDINATES 487760.5 E; 7080500.9 N		
				HEIGHT DATUM _AHD BEARING								
JOB No	_120/	10A/901		HEIGHT DATOM _AND _ BEAKING		<u></u>			_1/_12/5	DIVILLEN ING DAMES		
R.L. (m)	Ŋ.	RQD ()%					O	INTACT DEFECT STRENGTH SPACING	ပ္ခ	ADDITIONAL DATA		
(m) HE DE	SRILLI	13 TS		MATERIAL	OGY		ERIN	STRENGTH SPACING (mm)	GRAPHIC LOG	AND S		
DEP	SSING	CORE	SAMPLE	DESCRIPTION	LITHOLOGY	nsc	EATH	00 000 000 000 000 000 000 000 000 000	RAPI	AND SIND SIND SIND SIND SIND SIND SIND SI	TESTS	
0 118.10	498	REC %	Ś	Sandy CLAY	5	S	3		O	o o	-	
				Mottled red grey, moist, stiff to very stiff.				‡			=	
-								Ŧ			-	
E								ŧ			-	
117.10				Clayey CONGLOMERATE (XW):		H	7		7		=	
-				Poorly consolidated pinkish brown with red mottles.		χı	N				-	
				Exhibits engineering properties of sandy							=	
116.29		100		clayey Gravel. Fine to coarse grained sand, fine to medium gravel, sub rounded		T	1				-	
-2				to sub angular.							=	
				SILTSTONE (HW): Pale grey with patches of dark red, fine							-	
-				grained cones of iron cementing.							-	
-3		100		Defects generally wide to very wide							-	
114.79				spaced.							4	
				Defects typically between 45-50°, clean defect surfaces.						Rehealed Jt, 40°, Pl, C.	-	
-				From 2.57m: Minimal iron cementing.							-	
-4				2.57 - 3.51m: Very fine grained clayey Sandstone.							=	
		100		Sandstone.							-	
-											1	
				From 4.7m: Pale brown with occasional							-	
5				grey patches.							-	
		100								Relict clay seam, 55°, 20mm	1	
E										wide Relict clay seam, 65°, 10mm	3	
-6						н	w			wide Rehealed Vn, 70°, clay infill,		
										1mm, PI, C	1	
				6.26 - 6.3, 6.52 - 6.64, 6.7 - 7.0m: Clayey altered bands.						— Jt, 50°, Pl, S, C, Cn	-	
111.40		100		6.34 - 6.7m: Very fine grained clayey Sandstone.							-	
7				canasione.							-	
											-	
										Relict Jt, 65°, Pl, C	-	
				2						Trende di, do , i i, d	-	
8		100										
109.74				8.31 - 8.36m: Iron cemented band.						- Jt, 90°, PI, R, FeSt	-	
											-	
											_	
9										Jt, 45°, PI, S, C, Cn	-	
		100								Rehealed Jt, 55°, Pl, C Rehealed Vn, clay infill, 1mm, Pl,	-	
							8			C DI, Bz	-	
10 108.10				(See over)							- 12	
REMARK	s						_			LOGGED BY		
							_			-		



ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/5-2009 BOREHOLE No __BH030__

SHEET __2_ of __2_

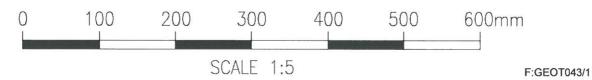
REFERENCE NO __H10652__

PROJECT			AY (COOROY - CURRA) SECTION A GEOT						
LOCATION			Underpass					OORDINATES 487760.5 E; 7080500.	9 N _
			SURFACE R.L118.10m PLUNGE						
JOB No	128/10A/901		HEIGHT DATUM <u>AHD</u> BEARING _			DATE COMPLETED _	1/12/	09 DRILLER R & D Drilling	L
R.L. (m) HE	AUGER CASING CORE DRILLING SADA ADD CORE OR MC ()	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	INTACT DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES
-11	100		SILTSTONE (HW): (Cont'd) (As above) 10.95m: Zone of pale grey sandy Clay (40mm diameter).		нw			— Jt, reahealed, 50°, PI, C — RehealedVn, 70°, Un, C	
2507 105.84	100								-
00.01 0.05 0.05			Borehole terminated at 12.26m						
REMARKS	3							LOGGED BY	
								BW	

Project: Bruce Hwy Upgrade Cudgerie Drive Underpass

Borehole No: BH 30
Start Depth: 1.00m
Finish Depth: 12.26m
Project No: FG 5825
H No: H10652





Project: <u>Bruce Hwy Upgrade Cudgerie Drive Underpass</u>

Borehole No: BH 30
Start Depth: 1.00m
Finish Depth: Project No: FG 5825
H No: H10652



