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## ENGINEERING BOREHOLE LOG

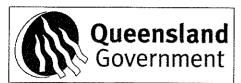
FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No BH126

SHEET 1 of 2

REFERENCE No H10697

PROJ	JECT	BRU	<u>ICE HIG</u>	<u>HW</u>	AY (COOROY - CURRA) SECTION A GEOTEC	<u>HNIC</u>	AL INVESTIGATION	!		
LOCA	ATION	<u>Ch.</u> 1	<u> 105700 -</u>	<u>Exi</u>	sting Highway Embankment			coo	RDINATES 483599.0 E; 7081254.0 N	<u>N</u>
PROJ	JECT No	<u>FG</u> 5	<u>825</u>		SURFACE R.L. 104.66m PLUNGE -90		DATE STARTED	10/3/10	GRID DATUM MGA94	
JOB N	No	_128/	<u>10A/901</u>		HEIGHT DATUM AHD BEARING		DATE COMPLETED	<u> 10/3/10</u>	DRILLER R & D Drilling	
DEPTH (m)	R.L. (m)	A 35	RQD ()%	SAMPLE	MATERIAL DESCRIPTION	ATHERING	INTACT DEFECT STRENGTH SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA  AND  TEST RESULTS	SAMPLES
0	104.66	A A	REC %	SAN		VEA	#¥==>==================================	GR.	IEST KESULIS	SAN
ţ.	104.36			-	Asphalt and Roadbase		<b> </b>			
			A THE STATE OF THE		Gravelly Silty CLAY (Fill) Mottled red brown to grey, moist, stiff to very stiff.					,
				A	High plasticity; gravel fraction is minor and typically fine grained and less than 3cm; occassional coarse grained sand particles.				MC = 23.4%; PP (UCS)=297kPa	U100 -
2				В	Becoming sandy clay in parts				MC = 23%; LL=57.6; PI=35.8; LS=15.6	U100
3 3 4 5 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9				С					MC = 20%; PP (UCS)=180kPa	U100
4				D		(CH)			MC = 23.2%; PP (UCS)=137kPa LL=56.4; PI=35.0; LS=15.2	U100
5				E					MC = 24.6%; PP (UCS)=340kPa	U100
6			**************************************	F					MC = 22.2%; LL=54.2; PI=32.2; LS=13.2	U100
7				G	Becoming mottled red to brown	And the state of t			MC = 30%; PP (UCS)=336kPa	U100
8	96.51			-H	Gravelly Sandy CLAY (Alluvial) Brown, moist, very stiff to hard. Intermediate plasticity; organics throughout; sand fraction is fine grained; gravels up to 1cm	(CI)			MC = 18.4%: PP (UCS)=319kPa MC = 25%; LL=42.2; PI=24.6; LS=11.8	U100
9	95.51			J	Sandy CLAY (Residual) Pale grey, moist, very stiff to hard. Intermediate plasticity; clayey sand interbeds	(CI)			MC = 19.2%; PP (UCS)=451kPa €	U100
	94.66 <u> </u> EMARKS	: <u>PP=</u>	Pocket Pe	enetro	ometer				LOGGED BY JA	
									L	



## ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/6-2010 \_\_H10697\_\_

REFERENCE No

PROJECT	BRUCE HIGHWA	AY (COOROY - CURRA) SECTION A GEOTE	CHNICA	L INVESTIGATI	ON					
LOCATION		ting Highway Embankment				OORDINATES 483599.0 E; 7081254.0 N				
PROJECT N JOB No		SURFACE R.L. 104.66m PLUNGE90				<del></del>				
	_126/10A/901	HEIGHT DATUM AHD BEARING	'	DATE COMPLETE	D <u>10/3</u>	0/10 DRILLER R & D Drilling				
R.L. (m)	RQD ()%			INTACT DEFE STRENGTH SPACI		ADDITIONAL DATA				
DEPTH (m)		MATERIAL	ERIN	STRENGTH SPACI	- 2000 6 GRAPHIC LOG					
DE DE	AUGER AUGER SAMPLE	DESCRIPTION	USC WEATH EH	동도로 '국의 영양성	% PH   800	AND SAMPLES STAND SAMPLES SA				
10 94,66		Silty CLAY (Residual)	5  <b>\$</b>			00000000000				
	K	Pale grey, moist, very stiff.		<u> </u>		MC = 21.2%; PP (UCS)=314kPa LL=57.0; PI=36.0; LS=16.0				
		High plasticity; traces of organics; occasional fine gravels up to 1cm; occasional fine grained	4	+	A A A A A A A A A A A A A A A A A A A					
- -11		sandy clay interbeds; iron cemented nodules.	d (CH)	Ī						
'	L			<u> </u>		4,9,11 SPT				
93.21		Borehole terminated at 11.45m				N=20 SF1				
	141-1111-1111-1111-1111-1111-1111-1111-1111	Borenoie tensimated at 11.45m		‡						
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REMARK	REMARKS PP= Pocket Penetrometer									