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	(S	Ľ		1	В	OR	EHC)LI	ENGINEERING LOG			ı	HOLE NO : N071B_BH05			
F	CLIENT : TRANSPORT AND MAIN ROADS PROJECT : TNRP JOB NO : CB27000.F687									POSITION : E: 358641, N: 8137295 (56 MGA94) SURFACE ELEVATION : 337.5 (AHD)				PAGE: 1 OF 1 DATE DRILLED: 7/24/13 TO 7/24/13			
- 1-	LOCATION : KENNEDY HWY (CAIRNS - MAREEBA)								ВА)	DIP / AZIMUTH : 90°			LOGGED BY: JP CHECKED BY: AJ				
-	PROG	RESS	7		LING				z	MAT	TERIAL		>				
-	& CASING	WATER	DRILLING PENETRATION	GROUND WATER LEVELS	SAMPLES & FIELD TESTS	(m)	DEPTH (m)	GRAPHIC LOG	CLASSIFICATION SYMBOL	MATERIAL DESCRIPTION Soil Type, Colour, Plasticity or Particle Charact Secondary and Minor Components	teristic	MOISTURE	CONSISTENCY		STRUCTUR & Other Observa		
	A		F	SVED		337.5	0.0			0.08m ASPHALT: (0.08 m). SANDY GRAVEL: Orange brown, grey brown,				FILL		-	
	AD/T —			NOT OBSERVED			_	00000		medium gravel, angular, fine to coarse grained trace of fines.	d sand,					-	
	- AC		Н	NOT	0.30m DS		-			QUARTZITE: Orange brown, extremely to high weathered, very low to medium strength.	hly	D		EXTREME	ELY TO HIGHLY WEA	THERED ROCK _	
	V		VH		0.50m	337.0-	-0.5			0.50m							
						337.0	- 0.5			End of Borehole				0.50: TC -	Bit Refusal	-	
							-									-	
							-									=	
						336.5-										_	
						000.0	- 1.0									-	
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						336.0-	1.5									_	
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						335.5-	2.0									_	
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38_GIN							Ĺ									-	
.000.F68						334.0-	-3.5									_	
E CB27							-									-	
REHOLI							-									-	
og BO																-	
T.GLB I						333.5	4.0										
FICE_LIBRARY_CU	AS Auger Screw AT Air Track AD/T Auger Drill TC-bit HQ HQ Coring AD/V Auger Drill V-bit NQ NQ Coring WB Washbore NMLC NMLC Coring DRILLING PENETRATION VE Very Easy F Firm VH Very Hard E Easy H Hard GROUNDWATER SYMBOLS ES Env Soil S EW Env Water HP Hand Pene HP Hand Pene HP Hand Vane (P: Peak Su EN N SPT blows) HW SPT pene							ES Env EW Env HP Han HV Han (P: Peal N SPT HW SP	v Soil v Water d Pen d Van k Su F blows T pene	d Sample SPT Standard Penetration Test Sample U Undisturbed Tube Sample L Loose MD Medium D Pense e Shear D = Dry M = Moist W = Wet CO Compact			4 - 10 Dense 10 - 30 30 - 50 ase 50 - 100		CONSISTENCY VS Very Soft S Soft F Firm St Stiff VSt Very Stiff H Hard	(Su) {N-value} < 12 kPa {0-2} 12 - 25 {2-4} 25 - 50 {4-8} 50 - 100 {8-15} 100 - 200 {15-30} > 200 kPa {>30}	
BRIS					during drill	ing)					Fil	le· C	B27	000 F68	7 N071B_BH05	Page 1 OF 1	