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CLIENT : TMR

POSITION : E: 358661, N: 8137031 (55 MGA94)

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PROJECT : SAFER ROADS SOONER PROJECT

SURFACE ELEVATION : 317.1 (AHD)

DATE DRILLED : 2/8/13 TO 2/8/13

JOB NO : CB24735.01

DIP / AZIMUTH : 90°

LOGGED BY : JP

LOCATION : KENNEDY HWY (CAIRNS - MAREEBA)

CHECKED BY : AJ

DRILLING					MATERIAL							
PROGRESS		DRILLING PENETRATION	GROUND WATER LEVELS	SAMPLES & FIELD TESTS	RL (m)	DEPTH (m)	GRAPHIC LOG	CLASSIFICATION SYMBOL	MATERIAL DESCRIPTION Soil Type, Colour, Plasticity or Particle Characteristic Secondary and Minor Components	MOISTURE CONDITION	CONSISTENCY	STRUCTURE & Other Observations
DRILLING & CASING	WATER											
<div>ADIT</div>		H	NOT OBSERVED	1.00m SPT 5, 7, 10 N=17	317.1	0.0		GM	0.10m ASPHALT: (0.10 m).	D		FILL
		F				SILTY GRAVEL (GM): Orange brown, red brown, fine to medium gravel, sub-angular, with fine to coarse grained sand and clay.						
		H										
						1.45m						
					315.1	2.0						
					314.1	3.0						
					313.1	4.0						
					312.1	5.0						
					311.1	6.0						

DRILLING				SAMPLES & FIELD TESTS				DENSITY (SPT N-value)		CONSISTENCY (Su) (N-value)			
HA	Hand Auger	RR	Rock Rolling	DS	Disturbed Sample	SPT Standard Penetration Test		VL	Very Loose	0 - 4	VS	Very Soft	< 12 kPa {0-2}
AS	Auger Screw	AT	Air Track	ES	Env Soil Sample	U Undisturbed Tube Sample		L	Loose	4 - 10	S	Soft	12 - 25 {2-4}
AD/T	Auger Drill TC-bit	HQ	HQ Coring	EW	Env Water Sample	W Water Sample		MD	Medium Dense	10 - 30	F	Firm	25 - 50 {4-8}
AD/V	Auger Drill V-bit	NQ	NQ Coring					D	Dense	30 - 50	St	Stiff	50 - 100 {8-15}
WB	Washbore	NMLC	NMLC Coring	HP	Hand Penetrometer	MOISTURE CONDITION		VD	Very Dense	50 - 100	VSt	Very Stiff	100 - 200 {15-30}
DRILLING PENETRATION				HV	Hand Vane Shear	D = Dry M = Moist W = Wet		CO	Compact	>50/150mm	H	Hard	> 200 kPa {>30}
VE	Very Easy	F	Firm	VH	Very Hard	(P: Peak Su R: Residual Su)							
E	Easy	H	Hard			N SPT blows per 300mm							
GROUNDWATER SYMBOLS				HW	SPT penetration by hammer weight								
▼ = Water level (static)				RW	SPT penetration by rod weight								
▽ = Water level (during drilling)													