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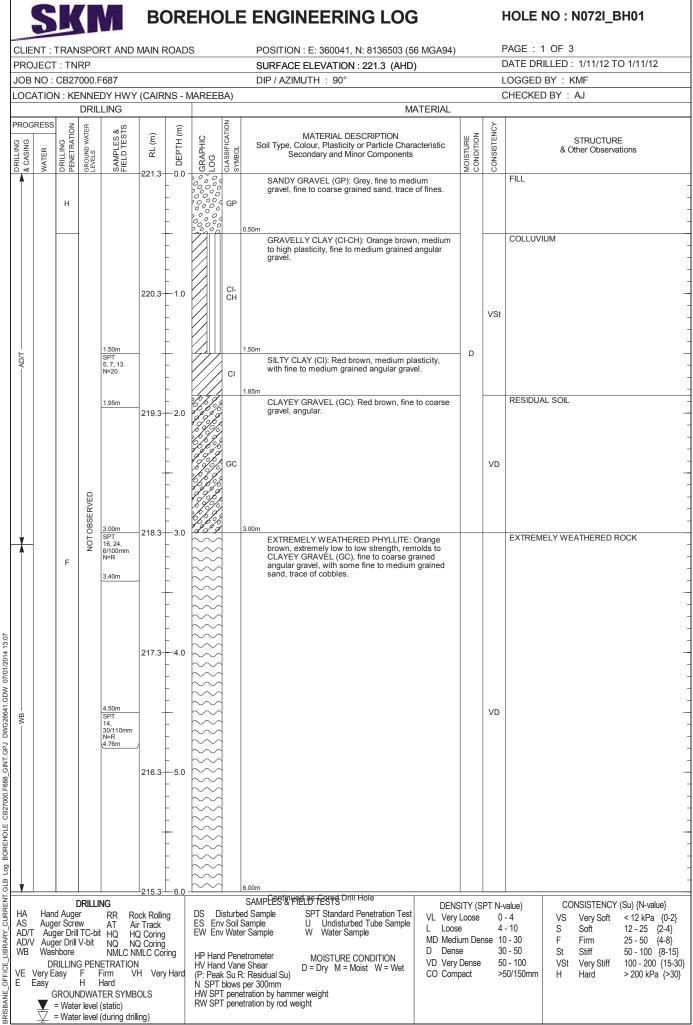
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	5	5		V	C	ORE	D BOREHOLE ENG	INEE	RIN	IG LO	COG	нс	DLE	NO :	N072I_BH01	
С	CLIENT : TRANSPORT AND MAIN ROADS POSITION : E: 360041, N: 8136503 (56 MGA94)									PAGE : 2 OF 3						
+	PROJECT : TNRP SURFACE ELEVATION : 221.3 (AHD) JOB NO : CB27000.F687 DIP / AZIMUTH : 90°								HD)) DATE DRILLED : 1/11/12 TO 1/11/12 LOGGED BY : KMF						
-					WY (CA	IRNS - MAF	DIP / AZIMUTH : 90°					CHECKED BY : AJ				
	DRILLING MATERIAL									-		S & COMMENTS				
ONLING	WATER	I L L L L L L L L L L L L L L L L L L L		(texture	DESCRIPTION (TYPE : Colour, Grain size, Structure , fabric, mineral composition, hardness ation, cementation, etc as applicable)			ESTIMATED STRENGTH Is(50) • - Axial O Diametral			()		ription of joints, seams, defects, additional rvations and comments	GENERAL		
		100% TCR 11% RQD 7.00	214.3-	-		bedding at 3	0.20m (7.00-7.20))range brown, pale brown, brown grey, indistinc		EW - HW HW					- 6.22 : - 6.34 ; - 6.41 : - 6.54 : - 6.67 ; - 6.67 ; - 6.87 ; - 6.87 ; - 6.87 ; - 6.87 ; - 6.93 ; - 7.24 ; - 7.24 ;	UT 80° Clay CU RF 5 mm SS 30° GC UN RF 40 mm JT 40° Clay PR S 5 mm SS 50° Clay CU RF 50 mm SS 30° Clay CU RF 50 mm JT 50° PR S JT 60° CU RF SS 30° Clay CU RF 40 mm JT 30° UN RF JT 30° UN RF JT 30° UN RF SS 30° GC PR RF 330 mm	
		72% TCR 0% RQD	213.3-											- 7.67 - 7.81 7.88 7.89 7.89 8.20 8.20 8.21 8.20 8.22 8.34 8.54 8.62 8.68 5 8.68	JT 30° PR RF SS 30° GC CU RF 140 mm JT 30° PR RF JT 40° Clay CU RF 5 mm SS 30° GC CU RF 30 mm JT 30° PR RF JT 40° CU RF JT 40° CU RF JT 20° PR RF SS 30° GC PR RF 30 mm JT 30° Clay UN RF 5 mm JT 30° Clay UN RF 5 mm JT 30° Clay UN RF 10 mm JT 30° UN RF JT 30° UN RF JT 30° UN RF JT 30° UN RF 100 mm SS 30° GC UN RF 100 mm	- - - - - - - - -
- J IWN		9.50 70% TCR 0% RQD	212.3-	- - - - - - - - - - - -		CORE LOSS	0.50m (9.00-9.50) 0.15m (9.50-9.65) Vrange brown, pale brown, brown grey, indistinc ° to 40°.	t to distinct	EW					_	SS 50° GC PR RF 450 mm	
		10.00 100% TCR 26% RQD	211.3-						EW - HW				ilii	- 10.12 - 10.60 - 10.70	3 JT 70° UN RF 2 SS 50° PR RF 380 mm 9 JT 70° UN RF 9 JT 70° PR RF	
		11.00 80% TCR 27%	- 210.3 - 11.0 - - - - - -										- 11.06 - 11.14 - 11.20 - 11.35 - 11.37 - 11.44 - 11.54	7 JT 30° UN RF 3 JT 30° PR RF 3 JT 30° UN RF 4 JT 30° UN RF 9 JT 30° UN RF 5 JT 70° PR RF 7 JT 30° CU RF 4 JT 30° UN RF 4 JT 30° UN RF 4 JT 30° UN RF	-	
		RQD	209.3 DF	- - - - <u> - 12.0</u> RILLING			SAMPLES & FIELD TESTS		EW	 	 	Lii	 ONS	11.59	5 JT 20° UN RF JT 40° IR RF 5 SS 70° GC IR RF 250 mm ROCK STRENGTH (IS50	
NMLC NMLC Coring HQ HQ Coring NQ NQ Coring PQ TCR % core run recovered RQD % core run > 100mm long (rock fraction only measured) GROUNDWATER SYMBOLS ▼ = Water level (static) ↓ ↓				un > 100 ion only WATER vel (stat	PQ F vered Dmm long measured SYMBOL	PQ Coring d) S	D Disturbed Sample ES Env Soil S W Water Sample EW Env Wate SPT SPT Sample U Undisturbed Tube Sample	er Sample	CS Crushed Seam CN Clean Cu Curved CZ Crushed Zone CT Coating IR Irregular DB Drill Break SN Stain PR Planar TZ Fractured Zone VR Veneer ST Stepped JT Joint Un Undulated IS Infilled Seam POL Polished SZ Shear Zone RF Rough VN Vein S Smooth SL Slickensided			.ow				

	5				C	ORE	D BOREHOLE ENGINE	ERI	NG LOG	HOLE NO :	N072I_BH01		
							POSITION : E: 360041, N: 8136	503 (56 1	/IGA94)	PAGE: 3 OF	AGE : 3 OF 3		
-	PROJECT : TNRP JOB NO : CB27000.F687						SURFACE ELEVATION : 221.3	DATE DRILLED : 1/11/12 TO 1/11/12					
-	LOCATION : KENNEDY HWY (CAIRNS - MA						DIP / AZIMUTH : 90°			LOGGED BY : CHECKED BY			
	DRILLING						MATERIAL			1	TS & COMMENTS		
DRILLING	WATER DETAIL	DRILL HILD HILD DRILL	B R (m)	5 DEPTH (m)	GRAPHIC LOG	(texture	DESCRIPTION K TYPE : Colour, Grain size, Structure e, fabric, mineral composition, hardness ation, cementation, etc as applicable)	Weathering	ESTIMATED STRENGTH Is(50) O - Diametral O - Diametral	DEFECT SPACING (mm) Des	cription of joints, seams, defects, additional ervations and comments		
		DRILL DEPTH 12.25	208.3-	- 12.0 - 12.0 		CORE LOSS	ation, cementation, etc as applicable) 0.25m (12.00-12.25) ole Terminated at 12.25 m.						
-OFFICE_LIBRARY_CURRENI.GLB LOG CURED BURE	NQ N F	RQD (n (n GF	Coring ing % core ru % core ru ock fracti	un > 100 ion only VATER :	PQ F ered mm long measure SYMBOL		SAMPLES & FIELD TESTS D Disturbed Sample ES Env Soil Sample W Water Sample EW Env Water Sample SPT SPT Sample U Undisturbed Tube Sample	e CZ Cr DB Dr FZ Fra JT Joi IS Infil	led Seam POL Po ear Zone RF Ro ein S Sn	an Cu Curved ating IR Irregular in PR Planar eeer ST Stepped Un Undulated blished	ROCK STRENGTH (Is50 MPa) 0-0.03 Extremely Low 0.03-01 Very Low 0.1-0.3 Low 0.3-1.0 Medium 1.0-3.0 High 3.0-10 Very High		
	 ✓ = Water level (static) ✓ = Water level (during drilling))							

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CB	27000 N	0721-BHOI	0111.2012	START 60m				
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0 V								
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		Star Star	Million .					
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CB2700	00 N07	2I_6H01	END P	2.25m				
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		and the second						
	SINCLAIR KNIGHT MERZ	Client: Transport and Mair	n Roads					
	KM	Project: Transport Network Reconstruction Program						
drawn date	KMF 8/11/2012	Core Photograph – N072I_BH1						
scale	NTS	Project no. CB27000		N072I_BH1 1 of 1				
			1 11010 140.1					