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## ENGINEERING BOREHOLE

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/2-2004

PROJECT LOCATION		GATEWAY UPGRADE PROJECT GEOTECHNICAL INVESTIGATION - NORTHERN SECTION  CONTROL LINE: MCAO - Ch. 21694.2 - OFFSET 53.8 L COORDINATES 9073.4 E: 172100.8 N									
		FM2055									
JOB No					DATIMA AND						
	R.L (m)		RQD ()%		5/(0)II _ <u>AIS</u>	Т		INTACT DEFECT	1	ADDITIONAL DATA	
DEPTH (m)	(ui-y	R IG BORING	( ) %		MATERIAL	≿	NE NG	STRENGTH SPACING (mm)  ボデェをユメゴ 888888888888888888888888888888888888	GRAPHIC LOG	AND	"
EPT		띯듰풊	CORE	SAMPLE	DESCRIPTION	LITHOLOGY	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		PHE		SAMPLES
0	1.68	₹88	REC %	SAN		Ë	VE	<u>                                     </u>	GR/	TEST RESULTS	SAMPL
1 + 1 - 1		.			ESTUARINE WEATHERED OC CRUST Pale grey to mottled orange, moist, firm.						
		·			High plasticity, medium to high organic content, no shell fragments.			<del> </del>			-
F1				$\vdash$	Frequent subvertical cracks filled with	₩,		+		MC=41.0%, WD=1.78t/m3,	U50
;				$\vdash$	yellow jarosite crystals.			‡		DD=1.26t/m3	050
F							ОН	+			
						<b>***</b>		‡			
-2		46		V				+		LL=62.0%, PI=31.4%, LS=18.0% APD=8.60t/m3	* 31.7.
				1						MC=52.2%, WD=1.78t/m3,	U100
F I		냅				₩		1		DD=1.18t/m3, OC=8.60%	
		:				$\bowtie$		1			
-3	-1.44	3						+			) Listón
		ŀ			SAND AND GRAVEL. Orange brown to brown, wet, very loose to	0.0			Γ_		U100
F 1					loose.	00	GP	+			
-		ř			Occasional soft silty clay interlayers	60		Ī			
-4	-2.32				(<20mm); subangular to subrounded			<u> </u>	<u></u>		* v* /*
Εl					quartzitic fragments sizing up to 15mm. SILTY CLAY - ALLUVIUM			]		1,3,6 N=9	SPT
<u> </u>				-	Pale green to mottled orange, moist, mainly firm to stiff.						y . 28
547		* *;						1			
5 -5				$\vdash$	Medium to high plasticity.			‡			120 E
<u> </u>				1.0				1 ‡		4,6,8 N=14	SPT
				<u> </u>							
ᆙ							CI	l			
함-6				$\vdash$							
2   2		27						1 1		3,5,5 N=10	SPT
<u> </u>		`		Ŀ						14-15	7.
5   4   1								1 1			
<u></u>		-						1 -			
를   기를 기를 기										3,4,5 N=9	SPT
	-5,77	Ш		+-	Borehole terminated at 7.45m		4_	<u> </u>		14-3	1177
를					Bolenole terminated at 7.45m			‡			
Z								1 1			
화								‡			
3[								1 1		1	l .
BOKEHOLE WITH LITHOLOGY GAT EWAY NOR HERN UPGRADE.GP2 ENG BOKEHOLE FINAL.GD1 20/4/09								† † † † † † †			
								1 ‡			
非기								l Ŧ			
ğΓ								‡			
								l Ŧ			
計 10								‡		•	
	EMARKS									LOGGED BY	
										B.Woodgate & A.Dissa	anayake