




SOIL INVESTIGATION WORK FOR THE EXTENSION OF WESTERN JETTY													
		GEO FOUNDATIONS & STRUCTURES PVT. LTD		Bore Hole No : BH-01		Boring Started : 02.04.2017				TC-5397			
				Type of boring : Rotary		Boring Completed : 06.04.2017							
				Termination Depth : 9.50m		*Water Level:							
LOCATION : KALPENI													
SOIL PROFILE	THICKNESS OF STRATA (m)	DESCRIPTION OF STRATA	IS CLASSIF ICATIO N	DEPTH FROM EXTG. BED LEVEL (m)	SAMPLES TEST DEPTH IN m	BLOWS/15cm			SPT "N"	Rock Core characteristics			REMARKS
						15cm	15cm	15cm		C.R (%)	R.Q.D (%)	UCS KG/CM ²	
	2.00	Silty sand with coral stones (White)	SM	1.50	1.50-1.95	14	6	5	11				
	0.40	Coral Boulder		3.00	3.00-3.45	2	3	3	6				
	3.20	Sand with shell dust(White)	SP	4.50	4.50-4.95	1	0	1	1				
				6.00	6.00-6.45	3	6	10	14				
	1.40	Silty sand with coral stones(White)	SM	7.50									
	0.60	Coral Boulder		7.00	7.00 to 7.60	DRILLING DONE USING DIAMOND BIT				NIL	NIL	-	
	1.40	Coral Rock with pores		8.50	7.60 to 9.00	DRILLING DONE USING DIAMOND BIT				NIL	NIL	-	
	0.50	Coral Rock		9.50	9.00 to 9.50	DRILLING DONE USING DIAMOND BIT				NIL	NIL	-	

Termination Depth :9.50m

Note : UDS- Undisturbed Sample

SPT "N"-Standard Penetration Test "N"

Fig :3

SOIL INVESTIGATION WORK FOR THE EXTENSION OF WESTERN JETTY														
		GEO FOUNDATIONS & STRUCTURES PVT. LTD		Bore Hole No : BH-02	Boring Started : 07.04.2017	Type of Boring : Rotary		Boring Completed : 11.04.2017	 TC-6397					
				Termination Depth : 10.0m	* Water Level :									
LOCATION : KALPENI														
SOIL PROFILE	THICKNESS OF STRATA (m)	DESCRIPTION OF STRATA	IS CLASSIFICATION	DEPTH (m)	SAMPLES TEST DEPTH IN m	BLOWS/15cm			SPT "N"	Rock Core characteristics			REMARKS	
						15cm	15cm	15cm		C.R (%)	R.Q.D (%)	UCS KG/CM ²		
	2.50	Silty sand with coral stones (White)	SM	1.50	1.50-1.95	14	10	11	21				SPT REBOUND	
	0.20	Coral boulders		3.00	3.00-3.45	3	0	1	1					
	4.50	Sand with shell dust(White)	SP	4.50	4.50-4.95	1	0	27	27					
				6.00	6.00-6.45	5	2	1	3					
				7.50	7.50-7.95	26	40	1	41					
				9.00	9.00-9.45	1	1	7	8					
	2.80	Silty sand with coral stones (White)	SM	9.00	9.00-9.45	1	1	7	8					
				10.0	10.0	100	-	-	>100					
			HARD STRATA											

Termination Depth : 10.0m

Note : UDS- Undisturbed Sample

SPT "N"-Standard Penetration Test "N"

Fig :10