

- 1 The Level of Ground Water (G.W.L) recorded at specified time shall be considered approximate only, due to variation of water Level upto 3m (low tide and high tide) as per Kuwait Ports Authority - Tide Tables and refer to MPW - General Notes attached Plate: 4 (Item 1.5).
- 2 All depth measurement are from the nearest road level. (ERL : Existing Road Level)
- 3 E.G.L = Existing Ground Level
- 4 G.W.L = Ground Water Level
- 5 B.G.L = Below Ground Level
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- 9 Due to the presence of cohesionless soil (SP, SP-SM) in BH 1, it is the responsibility of the Designer to ensure if the existing foundation is suitable for unstable or collapsible soil (SP, SP-SM), taking into consideration the note mentioned in the General Notes (Plate 4, Item 2.3).

Allowable Bearing Capacity (qall) Table				
Depth (m)	N 30 Values	qall (Kg/cm <sup>2</sup> )		
		Footing width (m)		
		1.5	2.0	3.0
0.5	-	-	-	-
1.0	27	3.0	2.8	2.6
1.5	17	1.8	1.6	1.5
2.0	11	1.1	1.0	0.9
2.5	10	1.0	0.9	0.8
3.0	9	0.9	0.8	0.7
4.0	3	-	-	-
5.0	14	1.5	1.3	1.2
6.0	79for28	3.0	3.0	3.0
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

						BORING NO. BH-2		Page	1/1
SAMPLE TYPE	SAMPLE No.	BLOWS/15cm	BLOWS/15cm	BLOWS/15cm	N 30 VALUES				
						Elevation: ERL			
						G.W.L: 4.50m below ERL			
						G.W Time: 10:10 AM			
						SYMBOLS		DESCRIPTION	
SPT	1	-	-	-	-	0.5			
SPT	2	5	6	5	11	1.0	SC-SM	Medium dense, silty clayey sand, fine to medium grained, traces of strong & weak cementation particles, strong HCL reaction, light brown color, dry.	
SPT	3	4	5	5	10	1.5			
SPT	4	3	6	7	13	2.0			
SPT	5	4	4	5	9	2.5		Loose.	
SPT	6	5	7	7	14	3.0		Medium dense, more clay contains.	
SPT	7	6	8	10	18	4.0		Light reddish brown color, moist.	
						4.50	GWL		
SPT	8	7	9	12	21	5.0	SP-SM	Medium dense, poorly graded sand with silt, fine to medium grained, weak HCL-reaction, light reddish brown color, wet.	
SPT	9	10	17	28	45	6.0		Dense, strong HCL reaction, light brown color.	
SPT	10	-	-	-	-	7.0		END OF BOREHOLE	
SPT	11	-	-	-	-	8.0			
SPT	12	-	-	-	-	9.0			
SPT	13	-	-	-	-	10.0			

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Depth (m)	N 30 Values	qall (Kg/cm <sup>2</sup> )		
		Footing width (m)		
		1.5	2.0	3.0
0.5	-	-	-	-
1.0	11	1.1	1.0	0.9
1.5	10	1.0	0.9	0.8
2.0	13	1.4	1.2	1.1
2.5	9	0.9	0.8	0.7
3.0	14	1.5	1.3	1.2
4.0	18	1.9	1.8	1.6
5.0	21	2.2	2.1	1.9
6.0	45	3.0	3.0	3.0
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-




SAMPLE TYPE						SAMPLE No.						BLOWS/15cm.						BLOWS/15cm.						BLOWS/15cm.						N 30 VALUES						DEPTH METERS						BORING NO. BH-3						Page						1/1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Date:						November 30, 2022						Drilling (6m)						CO-ORDINATES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

BORING NO. BH-4						Page	1/1	
Date: November 30, 2022		Drilling (6m)		CO-ORDINATES				
Elevation: ERL								
G.W.L: 5.20m below ERL								
G.W Time: 1:30 PM								
SYMBOLS		DESCRIPTION						
SPT	1	-	-	-	-	0.5		
SPT	2	10	11	10	21	1.0	SC-SM	Medium dense, silty clayey sand, fine to medium grained, traces of strong & weak - cementation particles, strong HCL reaction, light brown color, dry.
SPT	3	8	7	8	15	1.5		
SPT	4	5	6	4	10	2.0		
SPT	5	4	5	7	12	2.5		
SPT	6	3	4	5	9	3.0		Loose.
SPT	7	1	1	1	2	4.0		Very loose, moist.
SPT	8	3	2	2	4	5.0	GWL	Light brownish gray color, wet.
SPT	9	1	2	1	3	6.0		Light brown color.
SPT	10	-	-	-	-	7.0		END OF BOREHOLE
SPT	11	-	-	-	-	8.0		
SPT	12	-	-	-	-	9.0		
SPT	13	-	-	-	-	10.0		

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		Footing width (m)		
		1.5	2.0	3.0
0.5	-	-	-	-
1.0	21	2.2	2.1	1.9
1.5	15	1.6	1.4	1.3
2.0	10	1.0	0.9	0.8
2.5	12	1.2	1.1	1.0
3.0	9	0.9	0.8	0.7
4.0	2	-	-	-
5.0	4	-	-	-
6.0	3	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-