

Borehole drill Requirements

underwrite of design institute :

date: 05/12/09

Hole No.	417		Type	Control	
coordinate	East	15740.50m	Remark		
	North	20818.20m			
altitude	62.324m		Remark		
Design Depth (m)		18m	Depth of groundwater	beginning	—
Finished Depth(m)		18.20m		stable	3.12m below E.G.L.
Requirements	Undisturbed sample	Be collected in clay soil and sand Collected at the depth of 1.00 m below the earth surface at regular interval of 1.50 m one by one			
	disturbed sample	Be collected in sand and sandy soil Collected from SPT,			
	SPT	Be performed in all soil and cw rock Performed at the depth of 1.50 m below the earth surface at regular interval of 1.50 m one by one			
	DPT	Be performed in cw rock or hw rock at regular interval of 2.00 m one by one			
	Term of Finished	Be drilled to 3 meters deep into medium weathered bedrock			
Result	samples		UDS ⇒ Nil		
	SPT & DPT		SPT ⇒ 02		
	finitude of stratum		0.00 m to 1.00 m ⇒ Silt 1.00 m to 6.00 m ⇒ M.W. Rock. 6.00 m to 13.50 m ⇒ S.W. Rock. 13.50 m to 18.20 m ⇒ Fresh Rock.		
Deputy of investigator (signature)				EPC contractor&design (signature)	王树一

S. Karmakar

Record of Boring

Project No.: _____

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Pit or Borehole No.: 417

Elevation of Pit or borehole: 62.324 m

Length and Width of Pit: _____ m

Diameter of Borehole: 150/NX mm

Depth of Pit : _____ m

Depth of Borehole: 18.20 m

The buried depth of groundwater:

the beginning: _____

the stable: 3.12 m below F.G.L.

Duration: From 03 / 12 / 09 (day/month/year) Start
To 05 / 12 / 09 (day/month/year) End

Record of Sampling												
No.	Depth (m)		lithology	Un-disturbed	Disturbed		No.	Depth(m)		lithology	Un-disturbed	Disturbed
	from	to						from	to			
01	0.80	0.82			(R)							
02	1.00	1.03			(R)							
Date: / (day/month)			Weather				The accumulative depth drilled					
03 / 12			Sunny				0.00 m to 6.00 m					
04 / 12			Sunny				6.00 m to 13.50 m					
05 / 12			Sunny				13.50 m to 18.20 m					
/												

Recorded: S. Karmakar

Checked: _____

Record of SPT

borehole No.: 417

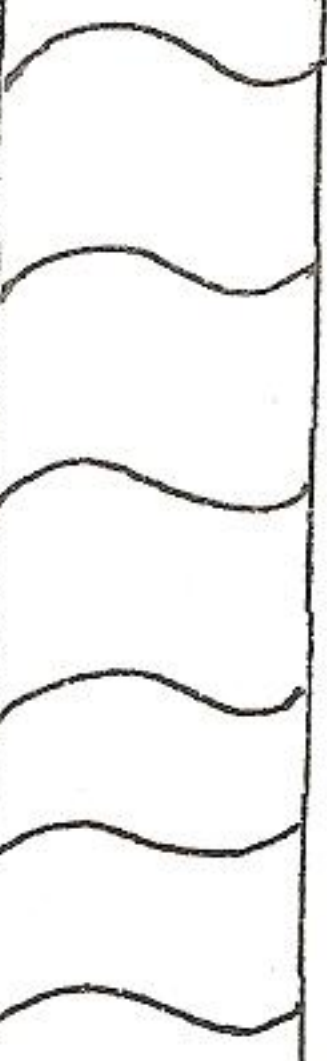
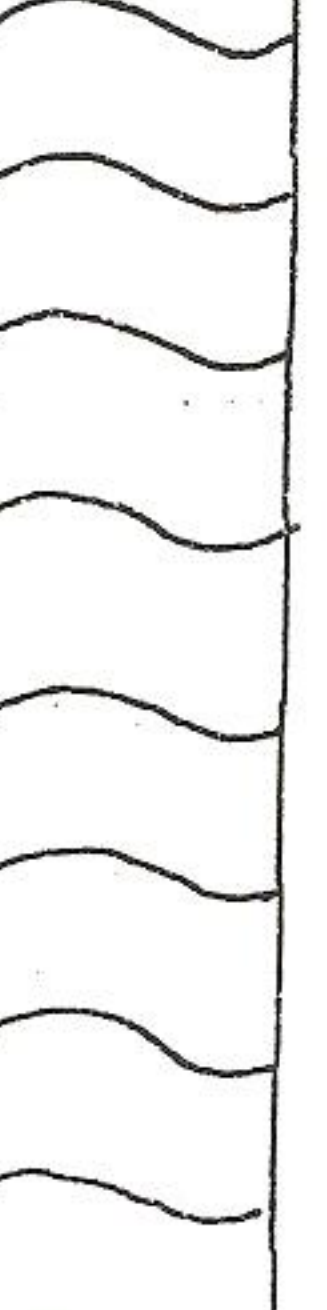
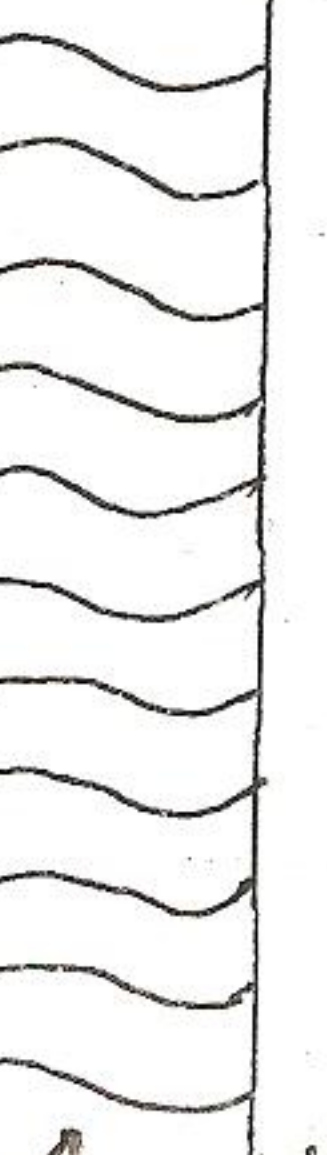
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Recorded:

S. Karmakar

Checked:

Depth		Describing for subsoils			Borelog	Remarks
From (m)	To (m)	The lithology, color, state, objects contained, and the other properties of the subsoils	Density	Humidity		
0.00	1.00	Silt $\Rightarrow$ Hard, yellowish grey, clayey silt with sand mixture and KanKors.	Hard.	Saturated		0.00m Silt
1.00	6.00	M.W. Rock $\Rightarrow$ Moderately weathered, yellowish grey to light blackish grey, fine sand stone with alternation of shale through out the hole depth.				1.00m M.W. Rock.
6.00	13.50	S.W. Rock $\Rightarrow$ Slightly weathered, light blackish grey, medium to fine grained, sand stone, obs. shale from 10.60m to 12.00m below E.G.L.				6.00m S.W. Rock.
13.50	18.20	Fresh Rock $\Rightarrow$ Fresh, light blackish grey, fine grained, sand stone with alternation of laminated shale.				13.50m Fresh Rock

1.00
 60% NIL
 R₁
 1.80
 62% NIL
 R₂
 3.00
 70% 9%
 R₃
 4.50
 73% 38%
 R₄
 6.00
 76% 21%
 R₅
 7.50
 85% 40%
 R₆
 9.00
 87% 66%
 R₇
 10.50
 85% 57%
 R₈
 12.00
 86% 73%
 R₉
 13.50
 90% 67%
 R₁₀
 15.00
 92% 71%
 R₁₁
 16.10
 93% 73%
 R₁₂
 17.10
 95% 75%
 R₁₃
 18.20

S. Karmakar