

BORE WELL DEVELOPMENT CHART (BMD)

SYSM/DWSM

NCC LTD.-GORAKHPUR (UP)

NAME OF THE DISTRICT- Gorakhpur  
 NAME OF THE BLOCK- Khatni  
 NAME OF THE GRAM PANCHAYAT- Bhauripur Buzurg  
 NAME OF THE VILLAGE-

TYPE OF RIG M/C-  
 SIZE OF BORE- 600 X 500 mm  
 STATIC WATER LEVEL-  
 J/E Incharge Prithvi Narayan J Incharge Barbara Yadav

DEPTH BGL IN METER	BORING CHART	STRATA	EXECUTED ASSEMBLY
0.0 m		Clay	
3.8 m		Sandy clay	
20.6 m		Medium Sand	
30.2 m		Sandy clay	
37.6 m		Medium Sand	
68.2 m		Clay mixed with kankar	
90.1 m		Medium Sand	
97.3 m		Clay mixed with Sand & kankar	
126.2 m		Medium Sand + fine Sand	
133.3 m		Coarse Sand + kankar	
146.1 m		Medium Sand + kankar	
160.4 m		Clay	
166 m		Clay	

ASSEMBLY DETAILS	
300 mm Dia Housing Pipe A.G.L. = 0.50 m	
300 mm Dia Housing Pipe 0.0 m to 35.63 m	
300 mm Dia Reducer 35.63 m to 35.83 m	
150 mm Dia Blind pipe 35.83 m to 90.5 m	
150 mm Dia Slotted pipe 90.50 m to 96.52 m	
150 mm Dia Blind pipe 96.52 m to 126.55 m	
150 mm Dia Slotted pipe 126.55 m to 132.55 m	
150 mm Dia Blind pipe 132.55 m to 146.37 m	
150 mm Dia Slotted pipe 146.37 m to 155.41 m	
150 mm Dia Blind pipe 155.41 m to 158.41 m	

  

LOGGING REPORT	
1. 20.0 - 30.0 m = 10.0 m	
2. 37.0 - 68.0 m = 31.0 m	
3. 90.0 - 97.0 m = 07.0 m	
4. 126.0 - 133.0 m = 07.0 m	
5. 146.0 - 160.0 m = 14.0 m	
6.	
7.	
8.	
9.	
10.	

ABSTRACT  
 Total Assembly = 158.41 m + A.G.L. (m) = 158.91 m

1. Drilling Started- 27-11-2024
2. Drilling Completed/Lowering- 08-12-2024
3. Drilling Depth (m)- 166 m
4. Assembly Lowered (m)- 158.91 m
5. Housing Pipe (m)- 36.13 m
6. Plain Pipe (m)- 101.52 m
7. Slotted Pipe (m)- 21.06 m
8. Reducer (m)- 0.20 m

SOUND TEST-

VERTICALITY TEST-

NCC LTD. JE & AE P.M.C.P.R.I.A. E.E.