

BORA WELL DEVELOPMENT CHART (BDM)

SWAMPAN

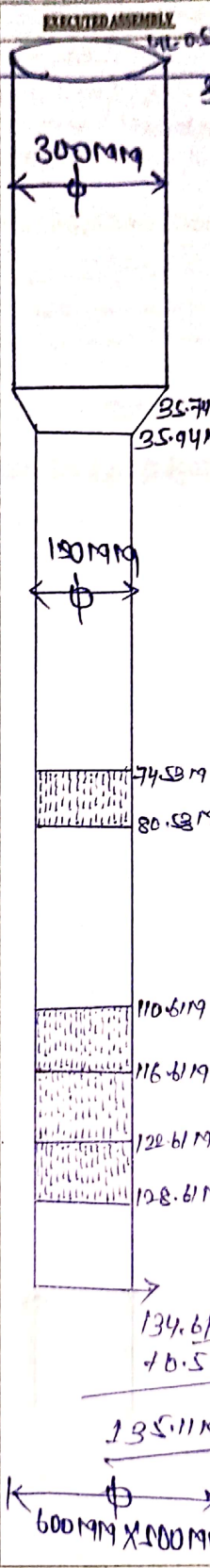
REG. LTD. GORAKHPUR (UP)

NAME OF THE DISTRICT: **Gorakhpur**
 NAME OF THE BLOCK: **Wagaha**
 NAME OF THE GRAM PANCHAYAT: **Kataichan/Anhor.**
 NAME OF THE VILLAGE: **-**

TYPE OF BGM: **R12**
 SIZE OF BORE: **600x500mm**
 STATIC WATER LEVEL: _____
 AB Inberg: _____ AB Inberg: _____

Discharge - 600 lpm

DEPTH B.G.L. IN METER	BORING CHART	STRATA
0.19		
27.00M		CLAY
31.00M		MEDIUM SAND & KANKAR
35.20M		CLAY
40.50M		VERY VERY FINE SAND & KANKAR
42.20M		CLAY
50.50		MEDIUM SAND
55.50M		CLAY & KANKAR
61.0M		VERY VERY FINE SAND & CLAY
74.20M		CLAY
81.20M		MEDIUM SAND
84.20M		CLAY & KANKAR
94.50M		FINE SAND
98.20M		CLAY
110.19		FINE SAND
122.50M		FINE SAND
128.61M		CLAY
132.20M		KANKAR
134.20M		FINE SAND
138.20M		CLAY
147.20M		MEDIUM SAND
151.0M		FINE SAND
155.20M		CLAY
164.0M		



ASSEMBLY DETAILS	
200	mm Dia Housing Pipe A.G.L. to 0.50 m
35.74	mm Dia Housing Pipe - to 35.74 m
35.94	mm Dia Reducer 35.74 m to 35.94 m
74.52	mm Dia BUND pipe 35.94 m to 74.52 m
80.52	mm Dia SLOTTED pipe 74.52 m to 80.52 m
116.61	mm Dia BUND pipe 80.52 m to 116.61 m
116.61	mm Dia SLOTTED pipe 116.61 m to 116.61 m
122.61	mm Dia BUND pipe 116.61 m to 122.61 m
128.61	mm Dia SLOTTED pipe 122.61 m to 128.61 m
134.61	mm Dia BUND pipe 128.61 m to 134.61 m
Total Assembly = 134.61 m + A.G.L. (m) = 0.5 m = 135.11 m	

ABSTRACT	
1. Drilling Started-	23-05-24
2. Drilling Completed/Lowering-	02-06-22
3. Drilling Depth (m)-	164.0 M
4. Assembly Lowered (m)-	135.11 M
5. Housing Pipe (m)-	36.34 M
6. Plain Pipe (m)-	74.57 M
7. Slotted Pipe (m)-	24.0 M
8. Reducer (m)-	0.20

LOGGING REPORT	
1. 27 - 31 = 4.0 M	
2. 36 - 40 = 4.0 M	
3. 42 - 52 = 10.0 M	
4. 56 - 61 = 5.0 M	
5. 74 - 81 = 7.0 M	
6. 94 - 98 = 4.0 M	
7. 110 - 132 = 22.0 M	
8. 134 - 138 = 4.0 M	
9. 147 - 151 = 4.0 M	
10. 151 - 158 = 7.0 M	



J.E & A.E: **Akm**

P.M./C.T./P.I.A: **MF**

E.E: **AD**



Aqua Xplore

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Ref. 304 - K / AX - 2023 Date 30.05.2023

Geophysical Borehole Logging Report

Name of the site : Khakhaj Khor, Block- Gagaha
District : Gorakhpur
Date : 30.05.2023
Depth logged : 164.0 mbgl
Depth drilled : 175.0 mbgl- as reported
Logger use : Robertson probe
Presence : Representative of M/S NCC Limited, Gorakhpur - South

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water;

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	27.0--31.0	4.0	Good all
2	36.0---40.0	4.0	
3	42.0--52.0	10.0	
4	56.0--61.0	5.0	
5	74.0--81.0	7.0	
6	94.0--98.0	4.0	
7	110.0--132.0	22.0	
8	134.0--138.0	4.0	
9	147.0--151.0	4.0	
10	151.0--158.0	4.0	

Note- Sl. Nos. 1 to 7 are intermixed with fine bands of kankar. Sl. Nos. 8,9 & 10 are highly kankar intermixed.

clayey sediments
Verified as per logs provided
QSh

CC:

- Executive Engineer, C.D. (Rural), U.P. Jal Nigam, Gorakhpur.
- M/S NCC Limited, Gorakhpur -South, SWSM.

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