

**OFFICE OF THE EXECUTIVE ENGINEER
DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW**

Assembly Plan-Piranagar Urf Mohaddinpur, Block-SALON, JJM PHASE-II-(368/41) District - Raebarell
 Rig Machine- D. C RIG MACHINE Size of Bore - 500 X 450mm, Static W/L- LPM-440
 Factor Name - M/S NCC SWSM PROJECT RAEBARELLI

DEPTH OF BORE IN M.B.G.L.	DEPTH OF STRATA IN M.B.G.L.	LOWERED ASSEMBLY	DETAILS OF ASSEMBLY									
500m	Surface Sand Clay Sand With Kankar Fine Sand Sand With Kankar Coarse sand Sand With Kankar Sand With Kankar		Ø 200 mm dia Housing	Plain Pipe from (AGL)	0.00	MAGL to	0.50	MAGL	0.50	M.		
			Ø 200 mm dia Housing	Plain Pipe from (BGL)	0.00	MBGL to	43.00	MBGL	43.00	M.		
			Ø 200 mm dia Housing	Slotted pipe	43.00	MBGL to	51.00	MBGL	8.00	M.		
			Ø 200 mm dia Housing	Plain Pipe from	51.00	MBGL to	56.00	MBGL	5.00	M.		
			Ø 200 mm dia Housing	Slotted pipe	56.00	MBGL to	61.00	MBGL	5.00	M.		
			Ø 200 mm dia Housing	Plain Pipe from	61.00	MBGL to	64.00	MBGL	3.00	M.		
			Ø 200 X Ø 150 mm dia	Reducer from	64.00	MBGL to	64.20	MBGL	0.20	M.		
			Ø 150 mm dia Plain pipe	Plain Pipe from	64.20	MBGL to	70.20	MBGL	6.00	M.		
			Total Assembly (AGL + BGL) - 70.70 M.									

ABSTRACT			
1. Drilling Started on Dated -	13.07.2024		
2. Drilling Completed on Dated -	20.07.2024		
3. Drilling Depth - 500 mm Dia	61.00 M		
450 mm Dia	215.00 M		
Total-	275.00 M		
4. Assembly lowered on Dated -	25-7-2024		
5. Assembly Lowered -			
(A) Housing pipe 200 mm dia (AGL) -	0.50 M		
(B) Housing pipe (Plain) 200 mm dia (BGL) -	51.00 M		
(C) Slotted pipe 200 mm dia -	13.00 M		
(D) Reducer (200 mm X 150 dia) -	0.20 M		
(E) Slotted pipe 150 mm dia -	0.00 M		
(F) Plain pipe 150 mm dia -	6.00 M		
Total assembly-	70.70 M		
7. Yield Test Date of T/w -	N/A		
8. Recommended Discharge -	N/A		
9. Pea-Gravel -	33.53 CUM		
LOGGING REPORT (Aqua Xplore)	Ref: 721-P/AX-2024 Dated-21.07.2024		
Depth Logged-275m bgl	Date of Logging-20.07.2024		
Sl.	Depth Range Mhgl	Thickness m.	Remarks
1	22-29	7	Good
2	43-51	8	Good
3	56-61	5	Good
Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating to saline below 66.0 mbgl till depth logged.			

Manager (G.W.)



Pankaj
 TPIA
 (CEINSYS)

Checked By
[Signature]
 Junior Engineer
 (UPJN)

Recommended By
[Signature]
 Assistant Engineer
 (UPJN)

Approved By
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 Executive Engineer
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Aqua Xplore

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Advisor - Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 721 - P / AX - 2024 Date 21.07.2024

Geophysical Borehole Logging Report

Name of the site : Piranagar Rebore, Block - Salon

District : Raibarely

Date : 21.07.2024

Depth logged : 275.0 mbgl,

Depth drilled : 280.0.0 mbgl - as reported

Logger used : UPTRON make

Presence : Rep. of NCC Ltd., Raibarely

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	22.0-29.0	7.0	Good all
2	43.0-51.0	8.0	
3	56.0-61.0	5.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating to saline below 66.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S NCC, Limited., Raibarely