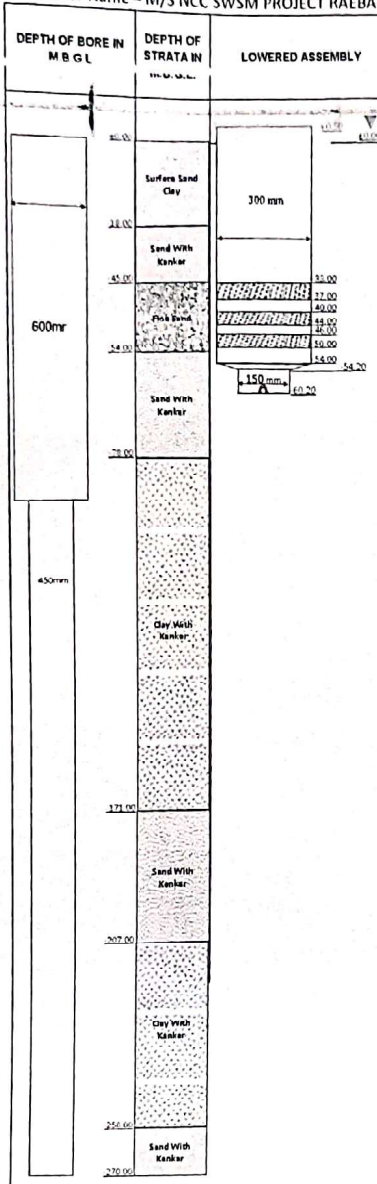


OFFICE OF THE EXECUTIVE ENGINEER DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW

Lowered Assembly Plan-Barkhudarpur, Block-CHHATOH, JIM PHASE-II (638/2)
Type of Rig Machine- D. C RIG MACHINE
Contractor Name - M/S NCC SWSM PROJECT RAEBARELI

District - Raebareli
[PM 410]
Static W/L-

DEPTH OF BORE IN MBGL	DEPTH OF STRATA IN M.B.G.L.	LOWERED ASSEMBLY	DETAILS OF ASSEMBLY									
600mm	450mm	300 mm	Ø 300 mm dia Housing	Plain Pipe from (AGL)	0.00	MAGL to	0.50	MAGL	0.50	M		
			Ø 300 mm dia Housing	Plain Pipe from (BGL)	0.00	MBGL to	33.00	MBGL	33.00	M		
			Ø 300 mm dia Housing	Slotted pipe	33.00	MBGL to	37.00	MBGL	4.00	M		
			Ø 300 mm dia Housing	Plain Pipe from	37.00	MBGL to	40.00	MBGL	3.00	M		
			Ø 300 mm dia Housing	Slotted pipe	40.00	MBGL to	44.00	MBGL	4.00	M		
			Ø 300 mm dia Housing	Plain Pipe from	44.00	MBGL to	46.00	MBGL	2.00	M		
			Ø 300 mm dia Housing	Slotted pipe	46.00	MBGL to	50.00	MBGL	4.00	M		
			Ø 300 mm dia Housing	Plain Pipe from	50.00	MBGL to	54.00	MBGL	4.00	M		
			Ø 300 X Ø 150 mm dia	Reducer from	54.00	MBGL to	54.20	MBGL	0.20	M		
			Ø 150 mm dia pipe	Plain Pipe from	54.20	MBGL to	60.20	MBGL	6.00	M		
			Total Assembly (AGL + BGL) -								60.70	M



ABSTRACT			
1. Drilling Started on Dated -	28-04-2024		
2. Drilling Completed on Dated -	05-05-2024		
3. Drilling Depth -	600 mm Dia 450 mm Dia Total- 270.00 M		
4. Assembly lowered on Dated -	8-5-2024		
5. Assembly Lowered -	(A) Housing pipe 300 mm dia (AGL) - 0.50 M (B) Housing pipe (Plain) 300 mm dia (BGL) - 42.00 M (C) Slotted pipe 300 mm dia - 12.00 M (D) Reducer (300 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- 60.70 M		
7. Yield Test Date of T/w -	N/A		
8. Recommended Discharge -	N/A		
9. Pea-gravel -	32.41 Cum		
LOGGING REPORT (Ground water investigation centre)			
Ref: 505-B/AX-2024 Dated-06.05.2024	Date of Logging-05.05.2024		
Depth Logged-270m bgl			
Sl.	Depth Range Mbgl	Thickness m.	Remarks
1	14-18	4	Good
2	23-30	7	Good
3	33-37	4	Good
4	40-44	4	Moderate
5	46-50	4	Moderate
<small>Note: All zones are intermixed with kankar. Quality of the formation water is deteriorating to saline below 53.0 mbgl till depth logged. Expected TDS of Sl Nos. 4 & 5 may be around 700-900 ppm.</small>			

Manager (G.W.)

Prepared & Proposed By: *[Signature]* Checked By: *[Signature]* Recommended By: *[Signature]* Approved By: *[Signature]*

M/S NCC, PROJECT (SWSM-Raebareli) TPIA (CEINSYS) Junior Engineer (UPJN) Assistant Engineer (UPJN) Executive Engineer (UPJN)



Aqua Xplore

(Groundwater Assessment & Allied Services)
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Mob. 9918202546 / 9889323322, E mail- aquaxploreko@gmail.com

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

Ref. 505 - B / AX - 2024 Date 05.05.2024

Geophysical Borehole Logging Report

Name of the site : Barkhurdarpur, Block - Chhatoh

District : Raibareli

Date : 05.05.2024

Depth logged : 270.0 mbgl,

Depth drilled : 270.0 mbgl - as reported

Logger used : Robertson make

Presence : Rep. of NCC Ltd., Raibareli

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	14.0-18.0	4.0	Good (1,2,3)
2	23.0-30.0	7.0	
3	33.0-37.0	4.0	
4	40.0-44.0	4.0	Moderate(4,5)
5	46.0-50.0	4.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating to saline below 53.0 mbgl till depth logged. Expected TDS of Sl.Nos.4 & 5 may be around 700-900 ppm.

for Aqua Xplore

CC;

1. M/S NCC, Limited., Raibareli