

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

Assembly Plan-Dohari, Block-Rahi, JIM PHASE-II-(573/47)

of Rig Machine- D. C RIG MACHINE

Size of Bore - 500 X 450mm,

Static W/L-

District -
LPM-400

Raebareli

Contractor Name - M/S NCC SWSM PROJECT RAEBARELI

DEPTH OF BORE IN M.B.G.L	DEPTH OF STRATA IN M.B.G.L	LOWERED ASSEMBLY	DETAILS OF ASSEMBLY								
500mr	+0.00		Ø 200 mm dia Housing	Plain pipe from(AGL)	0.00	MAGL to	0.50	MAGL	0.50	M.	
	-5.50		Ø 200 mm dia Housing	Plain pipe from (BGL)	0.00	MBGL to	45.50	MBGL	45.50	M.	
	-12.00		Ø 200 mm dia Housing	Slotted pipe from	45.50	MBGL to	51.50	MBGL	6.00	M.	
	-22.00		Ø 200 mm dia Housing	Plain pipe from	51.50	MBGL to	54.50	MBGL	3.00	M.	
			Ø 200 X Ø 150 mm dia	Reducer from	54.50	MBGL to	54.70	MBGL	0.20	M.	
			Ø 150 mm dia pipe	Plain pipe from	54.70	MBGL to	60.00	MBGL	5.30	M.	
			Ø 150 mm dia pipe	Slotted pipe from	60.00	MBGL to	67.00	MBGL	7.00	M.	
			Ø 150 mm dia pipe	Plain pipe from	67.00	MBGL to	80.00	MBGL	13.00	M.	
			Ø 150 mm dia pipe	Slotted pipe from	80.00	MBGL to	88.00	MBGL	8.00	M.	
			Ø 150 mm dia pipe	Plain pipe from	88.00	MBGL to	94.00	MBGL	6.00	M.	
			Total Assembly (AGL + BGL) - 94.50 M.								

ABSTRACT

- Drilling Started on Dated - 01.09.2024
- Drilling Completed on Dated - 06.09.2024
- Drilling Depth - 500 mm Dia 60.00 M
450 mm Dia 205.00 M
Total- 265.00 M
- Assembly lowered on Dated - 10-09-2024
- Assembly Lowered -
 - (A) Housing pipe 200 mm dia (AGL) - 0.50 M
 - (B) Housing pipe (Plain) 200 mm dia (BGL) - 48.50 M
 - (C) Slotted pipe 200 mm dia - 6.00 M
 - (D) Reducer (200 mm X 150 dia) - 0.20 M
 - (E) Slotted pipe 150 mm dia - 15.00 M
 - (F) Plain pipe 150 mm dia - 24.30 M
- Total assembly- 94.50 M
7. Yield Test Date of T/w - N/A
8. Recommended Discharge - N/A
9. Pea Gravel 30.00 CUM

LOGGING REPORT (AQUA XPLORE)

REF.906-K/AX-2024 Dated :06.09.2024

Depth Logged-265m bgl

Date of Logging-06.09.2024

Sl.	Depth Range Mbgl	Thickness m.	Remarks
1	22-32	10	Good
2	45-52	7	Good
3	60-67	7	Good
4	80-88	8	Good

NOTE - All zone are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline in below 92.0 mbgl till depth logged.

Manager (G.W.)

Prepared & Proposed By

M/S NCC,
PROJECT (SWSM-Raebareli)

Checked By

TPIA
(CEINSYS)

Recommended By

Assistant Engineer
(UPJN)

Approved By

Executive Engineer
(UPJN)

Junior Engineer
(UPJN)



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 906 - D / AX - 2024 Date 06.09.2024

Geophysical Borehole Logging Report

Name of the site : Dohari, Block - Rahi

District : Raibareli

Date : 06.09.2024

Depth logged : 265.0 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	22.0-32.0	10.0	Good all
2	45.0-52.0	7.0	
3	60.0-67.0	7.0	
4	80.0-88.0	8.0	

Note. Ali zones are intermixed with kankar. Quality of the formation water is deteriorating to saline below 92.0 mbgl till depth logged.

for Aqua Xplore

CC;

1. M/S NCC, Limited., Raibareli

