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

Lowered Assembly Plan-Khirijpur Karaundi, Block-HARCHANDPUR, JJM PHASE-II-(134/7) Type of Rig Machine- D. C RIG MACHINE Raebareli Contructor Name - M/S NCC SWSM PROJECT RAEBARELI Size of Bore - 500 X 450mm, LPM-600 DEPTH OF STRATA IN M.B.G.L DEPTH OF BORE IN MBGI LOWERED ASSEMBLY DETAILS OF ASSEMBLY 0.50 M. 0.50 MAGL Ø 200 mm dia Housing Plain Pipe from(AGL) 0.00 MAGL to 41.00 M Ø 200 mm dia Housing 0.00 MBGL to 41.00 MBGL Plain Pipe from (BGL) 6.00 M. 41.00 MBGL to 47.00 MBGL Ø 200 mm dia Housing Slotted pipe 6.00 M. Ø 200 mm dia Housing 47.00 MBGL to 53.00 MBGL Plain Pipe from 0.20 M. Ø 200 X Ø 150 mm dia 53.00 MBGL to 53.20 MBGL Reducer from 272.50 MBGL 219.30 M. 53.20 MBGL to Plain Pipe from Ø 150 mm dia pipe 9.00 M 281.50 MBGL 272.50 MBGL to Slotted pipe Ø 150 mm dia pipe 285,50 MBGL 4.00 W 281.50 MBGL to -53.00 -53.20 Ø 150 mm dia pipe Plain Pipe from 291,50 MBGL 6,00 M. 285.50 MBGL to Slotted pipe Ø 150 mm dia pipe 6.00 M. 297.50 MBGL 291.50 MBGL to Plain Pipe from Ø 150 mm dia pipe 150 Total Assembly (AGL + BGL) - 298.00 M. ABSTRACT 04.04.2024 1. Drilling Started on Dated -11.04.2024 2. Drilling Completed on Dated --60.00 M 3. Drilling Depth - 500 mm Dia 290.00 M 350.00 M Total-4. Assembly lowered on Dated - 20-4-24 5. Assembly Lowered -0.50 M (A)Housing pipe 200 mm dia(AGL) --171.00 (B)Housing pipe(Plain)200 mm dia(BGL) -47 00 M 6.00 M (C) Slotted pipe 200 mm dia -0.20 M (D) Reducer (200 mmX 150 dia) -15.00 M (E) Slotted pipe 150 mm dia -229.30 M (F) Plain pipe 150 mm dia -298.00 M Total assembly-7. Yield Test Date of T/w - N/A 8. Recommended Discharge - N/A 9. Pea-Garvel - 50.75 Cum -222.00 Ref:412-K/AX-2024 Dated-12.04.2024 LOGGING REPORT (Ground water investigation centre) Date of Logging-11.04.2024 Depth Logged-350 m bgl Depth Range Thickness m. Remarks Mbgl Good 34-47 Moderate Coarse sand 2 Good to Moderate 272-282 10 Good to Moderate 285-292 5 Good to Moderate 298-302 Good to Moderate 306-313 6 Good 315-322 281.50 285.50 291.50 297.50 Note. All zone are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline in between 60.0 to 260.0 mbgl and further below 334.0 mbgl till depth logged. Expected TDS of SLNo. 2 may be around 700-900 and SLNos.3 to 6 may be around 600-800 -325.00 Manager (G.W.) Approved By Prepared & Proposed By Checked By **Executive Enginee** M/S NEC (UPJN) (UPJN) PROJECT (SWSM-Raebareli) (CEINSYS)



Aqua Xplore

(Groundwater Assessment & Allied Services) 243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001

Mob. 9918202546 / 9889323322, E mail- aquaxplorelko@gmail.com

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

Ref. 412 - K / AX - 2024

Date 12.04.2024

Geophysical Borehole Logging Report

Name of the site: Khijirpur Karaundi Block - Harchandpur

District

: Raibarely

Date

: 12.04.2024

Depth logged

: 350.0 mbgl,

Depth drilled

: 350.0 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	34.047.0	13.0	Good (1 & 7)
2	266.0270.0	4.0	Moderate (2)
3	272.0282.0	10.0	
1	285.0292.0	7.0	Good to moderate (3 to
5	298.0302.0	4.0	6)
6	306.0313.0	7.0	·
7	315.0322.0	7.0	was dependent of the second of

Note. All zone are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline in between 60.0 to 260.0 mbgl and further below 334.0 mbgl till depth logged. Expected TDS of Sl.No. 2 may be around 700-900 and Sl.Nos.3 to 6 may be around 600-800 ppm.

for Aqua Xplore

M/S NCC, Limited., Raibarely