

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

Completion plan of - SHOBHAPUR WSS , BLOCK-HARCHANDPUR UNDER JJM PHASE-II--(134/13)

District

RAEBARELI

Type of Rig Machine- D. C RIG MACHINE

Size of Bore - 500 X 450mm,

Static W/L-

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																	
	±0.00	+0.60 ±0.00	Ø 200 mm dia Housing Plain pipe from (AGL) 0.00 MAGL to 0.60 MAGL 0.60 M.																	
	-06.00	±0.00	Ø 200 mm dia Housing Plain pipe from (BGL) 0.00 MBGL to 53.64 MBGL 53.64 M.																	
			Ø 200 X Ø 150 mm dia Reducer from 53.64 MBGL to 53.84 MBGL 0.20 M.																	
			Ø 150 mm dia Pipe Plain pipe from 53.84 MBGL to 294.50 MBGL 240.66 M.																	
			Ø 150 mm dia Pipe Slotted pipe from 294.50 MBGL to 306.57 MBGL 12.07 M.																	
			Ø 150 mm dia Pipe Plain pipe from 306.57 MBGL to 312.58 MBGL 6.01 M.																	
			Ø 150 mm dia Pipe Slotted pipe from 312.58 MBGL to 318.61 MBGL 6.03 M.																	
			Ø 150 mm dia Pipe Bail Plug from 318.61 MBGL to 324.63 MBGL 6.02 M.																	
			Total Assembly (AGL + BGL) - 325.23 M.																	
				ABSTRACT																
			<p>1. Drilling Started on Dated - 13.11.2021</p> <p>2. Drilling Completed on Dated - 19.11.2021</p> <p>3. Drilling Depth - 500 mm Dia 60.00 M 450 mm Dia 292.00 M Total- 352.00 M</p> <p>4. Assembly lowered on Dated-- 22.11.2021</p> <p>5. Assembly Lowered -</p> <p>(A) Housing pipe 200 mm dia (AGL) - 0.60 M (B) Housing pipe (Plain) 200 mm dia (BGL) - 53.64 M (D) Reducer (200 mm X 150 dia) - 0.20 M (E) Slotted pipe/screen - 150 mm dia - 18.10 M (F) Plain pipe 150 mm dia - 252.69 M</p> <p>Total assembly- 325.23 M</p> <p>6. Pea Graevel - 60.49 Cum</p> <p>7. Yield Test Date of T/w - N/A</p> <p>8. Recommended Discharge - N/A</p>																	
			LOGGING REPORT																	
			<p>Depth Logged-350.00 MbgI</p> <p style="text-align: right;">Date of Logging-20.11.2021</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Sl.</th> <th>Depth Range MbgI</th> <th>Thickness m.</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>280 - 290</td> <td>10</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">Good All</td> </tr> <tr> <td>2</td> <td>294 - 308</td> <td>14</td> </tr> <tr> <td>3</td> <td>312 - 319</td> <td>7</td> </tr> <tr> <td>4</td> <td>324 - 334</td> <td>10</td> </tr> </tbody> </table> <p>Note- Note :- Quality of the formation water is deteriorating to saline upto 270.0 MBGL. Sl.No. 3 is fine sand intermixed with kankar</p>	Sl.	Depth Range MbgI	Thickness m.	Remarks	1	280 - 290	10	Good All	2	294 - 308	14	3	312 - 319	7	4	324 - 334	10
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			Manager (G.W.)																	



Aqua Xplore

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

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

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

Ref. 1120 - S / AX - 2021 Date 20.11.2021

Geophysical Borehole Logging Report

Name of the site : Shobhapur, Block - Harchandpur

District : Raibarely

Date : 20.11.2021

Depth logged : 350.0 mbgl, Rm - 7.4 , Rmf - 7.6

Depth drilled : 350.0.0 mbgl

Borehole Dia. : 450 mm (as reported)

Logged by : Aqua Xplore

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	280.0----290.0	10.0	Good all
2	294.0----308.0	14.0	
3	312.0----319.0	7.0	
4	324.0----334.0	10.0	

Note. Quality of the formation water is deteriorating to saline up to 270.0 mbgl.
Sl.No 3 is fine sand intermixed with kankar.

for Aqua Xplore

CC;

1. Executive Engineer, XIIIth. Divn..(E/M), U.P.Jal Nigam, Lucknow
2. M/S NCC, Limited., Raibarely