



JMC PROJECTS (INDIA) LIMITED

OK

| DEPTH OF STRATA | PROPOSED ASSEMBLY DETAILS GP- Barwa Vidhyapath Block- Siswa | | DPR DETAILS- | | |
|-----------------|---|--|--------------|---|--|
| | | | SL | Lowering Date- 15-03-2022 | |
| | | | | 1 | Water Discharge in LPM- 650 |
| | | | | 2 | Bore well Drilling- |
| | | | | 3 | Drilling Depth 500MM Dia- 92 M • 600MM Dia- 40 M |
| | | | | 4 | Tube Well Assembly- |
| | | | | 5 | 300MM Dia 200MM Dia 150MM Dia |
| | | | | 6 | 36 M 1- 60 m Plain 2- 24 m Screen |
| | | | | 1.- LOGGING REPORT | |
| | | | | Depth Logged- MBGL Date of Logging- | |
| | | | | SL | Depth Range MBGL Thickness in Mtr. Remarks. |
| | | | | 1 | 20.00 to 26.00m 6.00 Good all |
| | | | | 2 | 30.00 to 46.00m 16.00 Good all |
| | | | | 3 | 50.00 to 76.00m 26.00 Good all |
| | | | | 4 | 82.00 to 98.00m 16.00 Good all |
| | | | | 5 | 118.00 to 123.00m 5.00 Good all |
| | | | | 6 | |
| | | | | 7 | |
| | | | | 8 | |
| | | | | 9 | |
| | | | | 10 | |
| | | | | 11 | |
| | | | | ASSEMBLY DETAILS | |
| | | | | 300m.m Dia Housing Pipe A.G.L. 0.5m | |
| | | | | 300m.m Dia Housing Pipe 36.320m | |
| | | | | 300m.m Dia Reducer Pipe 35.820 to 36.020m | |
| | | | | 150m.m Dia Plain Pipe 36.020 to 63.130m | |
| | | | | 150m.m Dia Screen Pipe 63.130 to 75.130m | |
| | | | | 150m.m Dia Plain Pipe 75.130 to 84.170m | |
| | | | | 150m.m Dia Screen Pipe 84.170 to 96.170m | |
| | | | | 150m.m Dia Plain Pipe 96.170 to 102.190m | |
| | | | |m.m Dia Pipeto.....m | |
| | | | |m.m Dia Pipeto.....m | |
| | | | |m.m Dia Pipeto.....m | |
| | | | |m.m Dia Pipeto.....m | |
| | | | |m.m Dia Pipeto.....m | |
| | | | | TOTAL ASSEMBLY= 102.190+0.5 m+ A.G.L(m)= 102.690 m | |
| | | | | 3.- Proposed Assembly for Lowering | |
| | | | | (1) 300MM DIA MSERW PLAIN PIPE = 36.320 M | |
| | | | | (2) 200 MM DIA MSERW PLAIN PIPE = | |
| | | | | (3) 150MM DIA MSERW PLAIN PIPE = 42.170 M | |
| | | | | (4) 300/150 MM DIA REDUCER = 0.200 M | |
| | | | | (5) 200/150 MM DIA REDUCER = | |
| | | | | (6) 150MM DIA MSERW SLOTTED PIPE = 24.000 M (300) | |
| | | | | (7) 300 MM DIA WELL CAP = 1 Nos. | |
| | | | | (8) 200MM WELL CAP = | |
| | | | | (9) 150MM DIA CENTER GUIDE = 102.690 M | |
| | | | | (10) GRAVEL PACKING = (35.85) Cum | |
| | | | | (11) 600 MM DIA BORE DIGGING = 40 Mtr | |
| | | | | (12) 500 MM DIA BORE DIGGING = 92 Mtr | |
| | | | | TOTAL ASSEMBLY = 102.690 | |

JMC *Vivek Kumar* TRIA *AK* JE UPJN *W* AEUPJN */* EE UPJN



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow – 226001
Mob. 9918202546 / 9889323322, Email-aquaxplore1ko@gmail.com

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

Ref 310 - B / AX - 2022 Date 10.03.2022

Geophysical Borehole Logging Report

Name of the site : Barwa Vidyapath, Block- Siswa
District : Maharajganj
Date : 10.03.2022
Depth logged : 132.0 mbgl
Depth drilled : 132.0 mbgl
Logged by : Aqua Xplore
Presence : Representative of M/S Raj Keshari Projects Ltd.

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 | 20.0—26.0 | 6.0 | Good all <i>Verified as per logs provided.</i> |
| 2 | 30.0—46.0 | 16.0 | |
| 3 | 50.0—76.0 | 26.0 | |
| 4 | 82.0—98.0 | 16.0 | |
| 5 | 118.0—123.0 | 5.0 | |

Note. Sl.No.5 is intermixed with fine bands of kankar.

[Signature]
for Aqua Xplore

*G.8h
12/03/22*

CC;

1. Executive Engineer, C.D. (Rural), U.P.Jal Nigam, Gorakhpur.
2. M/S Raj Keshari Projects Limited..