

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| M  | T  | W  | T  | F  | S  | S  |
| 1  | 2  | 3  | 4  | 5  | 6  | 7  |
| 8  | 9  | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 |    |    |    |    |    |

MAR  
FRI

4

Katya G.P.W.S.S.No. Block-Halvan Bazar Plate Sant Kabir Nagar under dam program

Base Size  $\Rightarrow$  550 x 500 mm dia, 143/130m

MIS MEIL, Sant Kabir Nagar

Assembly Size  $\Rightarrow$  200 x 150 mm dia.

D. of: Lower leg  $\Rightarrow$  13.5.22

Required discharge  $\Rightarrow$  550 lpm

0.50m

|    |   |        |         |          |
|----|---|--------|---------|----------|
| 10 |   | 6.03 m |         |          |
|    |   | 6.04 m |         |          |
|    |   | 6.08 m |         |          |
| 11 | Logging Report Old 35<br>S.N. Depth Range Thickness | 6.07 m |         |          |
|    | 1. 40-45 $\Rightarrow$ 5m                           | 6.05 m |         |          |
| 12 | 2. 48-60 $\Rightarrow$ 12m                          | 6.05 m |         | 35.82 m  |
|    | 3. 80-94 $\Rightarrow$ 4m                           | 0.20 m |         | 36.02 m  |
| 1  | 4. 100-110 $\Rightarrow$ 10m                        | 6.05 m |         |          |
|    | 5. 124-142 $\Rightarrow$ 19m                        | 6.09 m | 17.48 m |          |
| 2  | All zones are Kum. (fin sand).<br>143/143m          | 5.36 m |         | 53.50 m  |
|    |   | 6.06 m |         | 59.56 m  |
| 3  | 36.32 m   | 6.07 m |         |          |
|    | 18.20 m   | 6.09 m | 20.94 m |          |
|    | 61.46 m   | 6.09 m |         |          |
| 4  | 115.98 m  | 2.71 m |         | 80.50 m  |
|    | 0.20 m  | 3.03 m |         | 83.53 m  |
| 5  | 116.18 m  | 6.08 m |         |          |
| 6  |   | 6.08 m | 16.96 m |          |
|    |   | 4.90 m |         | 100.49 m |
|    |   | 6.08   | 9.11 m  |          |
|    |   | 3.05   |         | 109.60 m |
|    |   | 6.08 m |         | 115.68 m |
|    |   |        |         | 116.18 m |

MIS MEIL  
SKN

MIS FIRATNER  
SKN

JE

AE

EE 2022



# Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001  
Mob. 9918202546 / 9889323322, E mail- aquaxploreko@gmail.com

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

Ref. 503 - K / AX - 2022

Date 03.05.2022

## Geophysical Borehole Logging Report

Name of the site : Katya, Block - Haisar

District : Sant Kabir Nagar

Date : 03.05.2022

Depth logged : 143.0 mbgl

Depth drilled : 143.0 mbgl

Logger use : Robertson make

Presence : Rep. of M/S Megha Engineering & Infrastructure Ltd., Hyderabad

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

| SLNo.        | Depth range(mbgl) | Thickness(m) | Remarks  |
|--------------|-------------------|--------------|----------|
| <del>1</del> | 40.0-45.0         | 5.0          | Good all |
| <del>2</del> | 48.0-60.0         | 12.0         |          |
| <del>3</del> | 80.0-84.0         | 4.0          |          |
| <del>4</del> | 100.0-110.0       | 10.0         |          |
| <del>5</del> | 124.0-142.0       | 18.0         |          |

Note. All zones are intermixed with fine bands of kankar.

*Dr. R. A. Yadav*  
for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited  
Hyderabad

*Verified as per logs provided.*

G. S. ...  
ASSISTANT HYDROGEOLOGIST  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ