



# Aqua Xplore

(Groundwater Assessment & Allied Services)  
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Ref. 306 - P / AX - 2022 Date 06.03.2022

## Geophysical Borehole Logging Report

Name of the site : Paraspur, Block - Uska  
District : Siddharth Nagar  
Date : 06.03.2022  
Depth logged : 165.0 mbgl  
Depth drilled : 175.0 mbgl - as reported  
Logged by : Aqua Xplore  
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.

| Sl.No.       | Depth range (mbgl) | Thickness(m) | Remarks  |
|--------------|--------------------|--------------|----------|
| <del>1</del> | 49.0—53.0          | 4.0          | Good all |
| <del>2</del> | 60.0—65.0          | 5.0          |          |
| <del>3</del> | 68.0—72.0          | 4.0          |          |
| <del>4</del> | 78.0—85.0          | 7.0          |          |
| <del>5</del> | 95.0—108.0         | 13.0 - 12    |          |
| <del>6</del> | 116.0—120.0        | 4.0          |          |
| <del>7</del> | 124.0—128.0        | 4.0          |          |
| <del>8</del> | 136.0—140.0        | 4.0          |          |
| <del>9</del> | 153.0—163.0        | 10.0 - 6     |          |

Note. Sl. Nos. 1, 6, 7 & 8 are very fine sand intermixed with kankar.

for Aqua Xplore

To  
M/S Megha Engineering & Infrastructure Limited  
Hyderabad

Verified as per  
logs provided.

ASSISTANT HYDROGEOLOGIST  
O 7 YANTRIK MANDAL  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ

| Depth B.G.L. | Boring Chart | Strata | Executed Assembly | ASSEMBLY DETAILS                                 |
|--------------|--------------|--------|-------------------|--|
|              |              |        |                   | 200 mm Dia housing pipe to 35.66 M               |
|              |              |        |                   | 200 x150mm reducer from 35.66 M to 35.86 M       |
|              |              |        |                   | 150mm dia plain pipe from 35.86 M to 95.48 M     |
|              |              |        |                   | 150mm dia slotted pipe from 95.48 M to 107.53 M  |
|              |              |        |                   | 150mm dia plain pipe from 107.53 M to 153.78 M   |
|              |              |        |                   | 150mm dia slotted pipe from 153.78 M to 159.80 M |
|              |              |        |                   | 150mm dia plain pipe from 159.80 M to 163.80 M   |
|              |              |        |                   | 150mm dia slotted pipe from M to M               |
|              |              |        |                   | 150mm dia plain pipe from M to M                 |
|              |              |        |                   | total assembly- 163.80 M + AGL 0.5 = 164.30 M    |
|              |              |        |                   | <b>ABSTRACT</b>                                  |
|              |              |        |                   | Date of Lowering-                                |
|              |              |        |                   | LPM- 500 LPM                                     |
|              |              |        |                   | Drilling Depth- 176 M                            |
|              |              |        |                   | Assembly Lowered- 164.3 M                        |
|              |              |        |                   | Housing Pipe- 36.16 M                            |
|              |              |        |                   | Plain Pipe- 109.87 M                             |
|              |              |        |                   | Slotted Pipe- 18.07 M                            |
|              |              |        |                   | Reducer- 0.2 M                                   |
|              |              |        |                   | <b>LOGGING REPORT</b>                            |
|              |              |        |                   | Date of Logging- 6.3.22                          |
|              |              |        |                   | Logging Depth- 165 M                             |
|              |              |        |                   | 49-53 = 4  |
|              |              |        |                   | 60-65 = 5  |
|              |              |        |                   | 68-72 = 4  |
|              |              |        |                   | 78-85 = 7  |
|              |              |        |                   | 95-108 = 13                                      |
|              |              |        |                   | 116-120 = 4                                      |
|              |              |        |                   | 124-128 = 4                                      |
|              |              |        |                   | 136-140 = 4                                      |
|              |              |        |                   | 153-163 = 10                                     |



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