



# Aqua Xplore

(Groundwater Assessment & Allied Services)  
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Ref. 213 - J/ AX - 2023

Date 13.02.2023

## Geophysical Borehole Logging Report

Name of the site : Janikaura, Block - Itwa

District : Siddharth Nagar

Date : 13.02.2023

Depth logged : 160.0 mbgl

Depth drilled : 173.0 mbgl - as reported

Logger use : Robertson make

Presence : Rep. of M/S VSAIPPL-SCL JV, Siddharth Nagar

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      | 26.0--34.0        | 8.0          | Good all |
| 2      | 40.0--44.0        | 4.0          |          |
| 3      | 53.0--58.0        | 5.0          |          |
| 4      | 66.0--73.0        | 7.0          |          |
| 5      | 78.0--88.0        | 10.0         |          |
| 6      | 92.0--105.0       | 13.0         |          |
| 7      | 111.0--114.0      | 3.0          |          |
| 8      | 120.0--130.0      | 10.0         |          |
| 9      | 138.0--148.0      | 10.0         |          |
| 10     | 150.0--154.0      | 4.0          |          |

Note. All zones are intermixed with kankar.

Verified as per  
logs provided

*[Signature]*

for Aqua Xplore

To

M/S VSAIPPL- SCL JV, Siddharth Nagar  
Uttar Pradesh

G.S.V.  
14/01/23

Jamikaurya was seen, Bimala - (Hawala, D147)

Two Sigs = 200 x 150

RR = 550 rpm

dt 15.2.23

Logging Report 13.2.23

- 1-26 - 34 - 8.0
- 2-40 - 44 - 4.0
- 3-53 - 58 - 5.0
- 4-66 - 73 - 7.0
- 5-78 - 88 - 10.0 - 6
- 6-92 - 105 - 13.0 - 6
- 7-111 - 114 - 3.0
- 8-120 - 130 - 10.0 - 6
- 9-138 - 148 - 10.0
- 10-150 - 157 - 4.0

Cutting 150 mm Plain Paper

①  $6.00 = 3.00 + 3.00$

|    |      |            |
|----|------|------------|
| 28 | 6.03 |            |
| 22 | 6.02 |            |
| 21 | 6.02 |            |
| 20 | 6.05 | = 42.17    |
| 19 | 6.00 |            |
| 18 | 6.04 |            |
| 17 | 6.01 |            |
|    |      | 41.67      |
|    |      | 0.20       |
|    |      | 41.87      |
| 16 | 6.00 |            |
| 15 | 6.00 |            |
| 14 | 6.00 |            |
| 13 | 6.03 | = 39.03    |
| 12 | 6.01 |            |
| 11 | 5.99 |            |
| 10 | 3.00 | 80.90      |
| 9  | 6.00 | 86.90      |
| 8  | 6.02 | 92.92      |
| 7  | 6.01 | 98.93      |
| 6  | 6.00 |            |
| 5  | 6.01 |            |
| 4  | 6.02 | = 24.02    |
| 3  | 5.99 | 122.95     |
| 2  | 6.01 | 128.96     |
| 1  | 6.02 | 134.98     |
|    |      | 0.50       |
|    |      | <u>AGL</u> |