



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 428 - J / AX - 2024

Date 28.04.2024

## Geophysical Borehole Logging Report

Name of the site : Jangal Belhar Rebores, Block – Belhar Kala

District : Sant Kabir Nagar

Date : 28.04.2024

Depth logged : 190.0 mbgl

Depth drilled : 200.0 mbgl – as reported

Logger use : Robertson make

Presence : Rep. of M/S Jakson-Vishvaraj (JV), Sant Kabir 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      | 22.0—32.0         | 10.0         | Good all |
| 2      | 43.0—50.0         | 7.0          |          |
| 3      | 54.0—67.0         | 13.0         |          |
| 4      | 70.0—74.0         | 4.0          |          |
| 5      | 89.0—93.0         | 4.0          |          |
| 6      | 99.0—106.0        | 7.0          |          |
| 7      | 114.0—118.0       | 4.0          |          |
| 8      | 151.0—158.0       | 7.0          |          |
| 9      | 164.0—168.0       | 4.0          |          |

Note. All zones are intermixed with kankar. Sl. Nos. 4 & 7 are fine sand intermixed with highly kankar. No suitable zones were encountered below 168.0 mbgl till depth logged.

for Aqua Xplore

To

M/S M/S Jakson-Vishvaraj (JV), Sant Kabir Nagar