



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 428 -KD / AX - 2023

Date 28.04.2023

## Geophysical Borehole Logging Report

Name of the site : Kumba Devri, Block – Lalganj

District : Azamgarh

Date : 28.04.2023

Depth logged : 160.0 mbgl

Depth drilled : 200.0 mbgl – as reported

Logger used : Robertson make

Presence : Representative of M/S GAJA-SGIPL(JV), Azamgarh

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      | 32.0–37.0         | 5.0          | Good (1,2,3)     |
| 2      | 74.0–81.0         | 7.0          |                  |
| 3      | 110.0–117.0       | 7.0          | Good to moderate |
| 4      | 106.0–126.0       | 20.0         | (4)              |

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline in between 42.0 to 68.0 mbgl and further below 132.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh