



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 723 - J / AX - 2023 Date 23.07.2023

Geophysical Borehole Logging Report

Name of the site : Jigna, Block - Rudhauri

District : Basti

Date : 23.07.2023

Depth logged : 134.0 mbgl

Depth drilled : 142.0 mbgl- as reported

Logger used : Robertson, U.K.

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 |
|--------|-------------------|--------------|----------|
| 1 | 23.0–30.0 | 7.0 | Good all |
| 2 | 36.0–44.0 | 8.0 | |
| 3 | 46.0–56.0 | 10.0 | |
| 4 | 60.0–65.0 | 5.0 | |
| 5 | 68.0–78.0 | 10.0 | |
| 6 | 84.0–88.0 | 4.0 | |

Note. All zones are highly intermixed with kankar. No suitable zones were encountered below 88.0 mbgl till depth logged.

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited, Hyderabad