



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 615 - N / AX - 2023

Date 15.06.2023

Geophysical Borehole Logging Report

Name of the site : Nagirpur, Block – Sathiyaon

District : Azamgarh

Date : 15.06.2023

Depth logged : 197.0 mbgl

Depth drilled : 200.0 mbgl – as reported

Logger used : UPTRON make

Presence : Representative of M/S Sudhakara Infratech Pvt. Ltd., 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 | 10.0–18.0 | 8.0 | Good all |
| 2 | 101.0–105.0 | 4.0 | |
| 3 | 110.0–125.0 | 15.0 | |
| 4 | 127.0–137.0 | 10.0 | |
| 5 | 144.0–148.0 | 4.0 | |
| 6 | 157.0–170.0 | 13.0 | |
| 7 | 175.0–185.0 | 10.0 | |

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline in between 24.0 to 96.0 mbgl.

Sl. No. 7 is highly kankar intermixed.

for Aqua Xplore

CC;

M/S Sudhakara Infratech Pvt. Ltd., Azamgarh