



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 1101 - A / AX - 2023

Date 01.11.2023

Geophysical Borehole Logging Report

Name of the site : Atrauliya, Block - Atrauliya

District : Azamgarh

Date : 01.11.2023

Depth logged : 150.0 mbgl

Depth drilled : 165.0 mbgl - as reported, Rmf-12.0 Ohm-m, Rw-15.0 Ohm-m

Logger used : UPTRON 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 | 16.0—20.0 | 4.0 | Good all |
| 2 | 32.0—39.0 | 7.0 | |
| 3 | 54.0—58.0 | 4.0 | |
| 4 | 63.0—87.0 | 24.0 | |
| 5 | 90.0—95.0 | 5.0 | |
| 6 | 100.0—104.0 | 4.0 | |
| 7 | 110.0—115.0 | 5.0 | |
| 8 | 120.0—125.0 | 5.0 | |

Note. All zones are intermixed with kankar. No suitable zones were encountered below 125.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh