



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 617 - M / AX - 2023

Date 17.06.2023

Geophysical Borehole Logging Report

Name of the site : Machkhiriya, Block - Saughat

District : Basti

Date : 17.06.2023

Depth logged : ~~136.0 mbgl~~

Depth drilled : 138.0 mbgl- as reported

Logger used : Robertson make

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 | 22.0---27.0 | 5.0 | Good all |
| 2 | 37.0---41.0 | 4.0 | |
| 3 | 46.0---56.0 | 10.0 | |
| 4 | 60.0---75.0 | 15.0 | |
| 5 | 82.0---88.0 | 6.0 | |
| 6 | 104.0---109.0 | 5.0 | |

Note. All zones are intermixed with kankar. Sl. No. 6 is fine sand. No suitable zones were encountered below 109.0 mbgl ~~in~~ depth logged.

Verified as per
logs provided.

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited, Hyderabad

G. Sh
19/06/23