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Ref. No. : AGS/EL/2023/FTP-131

Date : 27/06/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Karsaon

Location : 25.916185, 81.097595

Block : Hathgaon

District : Fatehpur

State : Uttar Pradesh

Logging Depth : 165Mbgl

Rm/Rw : 9/7

Date of Logging : 26-June-2023

Logged By : Mr. Shobhit Srivastava (Hydrogeologist)

Logger Make : GIF

Tubewell Drilled By : M/S PMPL BRCCPL Fatehpur, Uttar Pradesh

Representative : M/S S K Builders

Based on the interpretation of Self Potential(SP), Short Normal(N-16"), Long Normal(N-64") and Lateral(6") Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

| Sl No. | Depth Range (mbgl) | Thickness (meters) | Quality Remarks (in term of Salinity) |
|--------|-----------------------|-----------------------|---------------------------------------|
| V | 74-78 | 4 | Moderate |
| 2 | 89-96 | 7 | Good |
| 3 | 114-118 | 4 | Good |
| × | 142-145 | 3 | Moderate |

Note: 1. All zones intermixed with thin bands of kankar.

2 The formation water quality is deterograting marginal to saline in between 31-68Mbgl and below 148Mbgl.

3. Prominent Clay kankar intercalation lies in between 68-74 and 78-89Mbgl.

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