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Ref. No. : AGS/EL/2023/PRYJ-428
Date : 01/01/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Dubahi
Location : 25.730665 , 81.936548
Block : Mauaima
District : Prayagraj
State : Uttar Pradesh
Logging Depth : 100 Mbgl
Rm/Rw : 22/28
Date of Logging : 01-January-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S L & T Construction Pvt Ltd, Prayagraj, Uttar Pradesh
Representative : M/S L B Traders


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) |
|--------|--------------------|--------------------|---------------------------------------|
| 1 | 20-23 | 3 | Good |
| 2 | 30-40 | 10 | Good |
| 3 | 43-47 | 4 | Good |

Note: 1- All zone intermixed with thin bands of kankar.

2- Sr no 1 and 2 are fine sand in nature and sr no 2 kankar intermixed.

3- The formation water quality is deteriorating below 61Mbgl to till depth logged.


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Sanjeet Sharma
(Hydrogeologist)

