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Ref. No. : AGS/EL/2024/ PRYJ -494
Date : 14/03/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Firojpur Urf Shekhpur
Location : 25.550028, 82.078368
Block : Phulpur
District : Prayagraj
State : Uttar Pradesh
Logging Depth : 140 Mbgl
Rm/Rw : 9/11
Date of Logging : 13-March-2024
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)
Logger Make : GIT
Tubewell Drilled By : M/S L & T Constructions Pvt Ltd, Prayagraj Uttar Pradesh
Representative : Mr Nitin Tripathi

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 | 45-51 | 6 | Moderate |
| 2 | 76-86 | 10 | Moderate |
| 3 | 104-108 | 4 | Good |
| 4 | 112-115 | 3 | Good |
| 5 | 130-138 | 8 | Good |

- Note: 1- All zones are intermixed with thin bands of kankar.
2- A clay kankar intercalation present in between 86-96Mbgl.
3- Sr no 1 is very fine sand in nature.
4- Sr no 5 is highly kankar intermixed.


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Sanjeet Sharma
(Hydrogeologist)

