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Ref. No. : AGS/EL/2023/PRYJ-337
Date : 26/10/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : ArjunPatti
Location : 25.405586, 82.206188
Block : Handia
District : Prayagraj
State : Uttar Pradesh
Logging Depth : 134 Mbgl
Rm/Rw : 6/7
Date of Logging : 26-Oct-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S L & T Construction Pvt Ltd, Prayagraj
Representative : M/S S A Enterprises


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	65-72	7	Moderate
2	78-81	3	Good
3	90-93	3	Good
4	98-102	4	Good
5	104-108	4	Good
6	122-135	13	Good

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

2. The formation water quality is deteriorating from 17-55Mbgl and prominent clay kankar intercalation lies in between 55-60 and 72-77Mbgl.

3.Sr. no 2 and 4 are fine sand in nature and Sr. 3 is very fine sand in nature.


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Sanjeet Sharma
(Hydrogeologist)

