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Ref. No. : AGS/EL/2023/PRGH-130
Date : 29/09/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Misirpur
Location : 25.791773, 81.843350
Block : Mandhata
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 282Mbgl
Rm/Rw : 22/35
Date of Logging : 28-September-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalptaru Projects International Limited, Pratapgarh
Representative : M/S Bhagwati Traders

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


Sl No.	Depth Range (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
1	21-42	21	Good
2	114-120	6	Good
3	133-142	9	Good
4	149-153	4	Good
5	180-188	8	Good
6	209-213	4	Moderate

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

2. Sr. No. 2,3 and 5 are highly Kankar intermixed and Sr No. 4 is Fine sand in nature.

3. No proper granular zones encountered in between 42-114Mbgl.

4. The formation water is deteriorating from marginal to saline below 219 Mbgl.


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Sanjeet Sharma
(Hydrogeologist)

