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Ref. No. : AGS/EL/2023/PRGH-84
Date : 19/08/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Gayaspur
Location : 25.680097, 81.527786
Block : Kunda
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 258 Mbgl
Rm/Rw : 21/41
Date of Logging : 18-August-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S Power Mech Project India Limited, Pratapgarh, Uttar Pradesh
Representative : M/S B R Borewell Company


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	42-50	8	Good
2	92-99	7	Good
3	104-107	3	Good
4	120-124	4	Good
5	132-138	6	Good
6	147-151	4	Good
7	162-166	4	Good
8	181-184	3	Moderate to Marginal

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

2- The formation water quality is deteriorating from marginal to saline below 202 Mbgl to till depth logged.

3- Sr No 7 is highly kankar intermixed


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