



**GEOPHYSICAL BOREHOLE LOGGING REPORT**

Site Name : Bahadurpur  
Location : 25.641995, 81.577948  
Block : Kunda  
District : Pratapgarch  
State : Uttar Pradesh  
Logging Depth : 204 Mbgf  
Rm/Rw : 18/20  
Date of Logging : 14-Jan-2024  
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)  
Logger Make : GIT  
Tubewell Drilled By : M/S Powermach Project India Ltd, Pratapgarch Uttar Pradesh  
Representative : M/S Dhanlaxmi Infra Developers

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:

SI No.	Depth Range (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
1	41-51	10	Good
2	53-60	7	Good
3	65-69	4	Good
4	73-77	4	Good
5	88-93	5	Good
6	98-105	7	Good
7	117-121	4	Good
8	128-132	4	Good
9	134-137	3	Good
10	141-148	7	Good
11	151-155	4	Good
12	159-162	3	Good
13	164-167	3	Good

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

2- The formation water quality is deteriorating below 178Mbgf to till depth logged.

