

Ref. No. : AGS/EL/2024/ PRGH - 348
Date : 20/05/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Kindhauli
Location : 25.810903, 81.559483
Block : Babaganj
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 235 Mbgl
Rm/Rw : 6/8
Date of Logging : 19-May-2024
Logged By : Mr. Shobhit Srivastava(Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalpataru Projects International Ltd, Pratapgarh Uttar Pradesh
Representative : M/S Shri Samarth Parth Infrabuild

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	21-25	4	Good
2	48-51	3	Good
3	59-63	4	Good
4	127-130	3	Moderate
5	144-150	6	Moderate
6	167-173	6	Good
7	182-186	4	Good
8	201-204	3	Moderate

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

2- Sr. No. 6 have thin bands of finer sediments.

3- The formation water quality is deteriorating from marginal to saline in between 76-119Mbgl and 207Mbgl to till depth logged.

4- A clay kankar intercalation present in between 119-126Mbgl.

5- Sr no 5 is highly kankar intermixed.



AllGeo Solutions
Sanjeet Sharma
(Hydrogeologist)

