



AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2023/PRYJ-406

Date : 16/12/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Badalpur
Location : 25.647055 , 81.985334
Block : Bahariya
District : Prayagraj
State : Uttar Pradesh
Logging Depth : 220 Mbgl
Rm/Rw : 12/9
Date of Logging : 15-December-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S L & T Construction Pvt Ltd, Prayagraj
Representative : M/S Sonam Sales Corporations


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	18-25	7	Good
2	158-162	4	Moderate
3	172-180	8	Moderate
4	183-186	3	Moderate

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

2- The formation water quality is deteriorating from marginal to saline in between 50-153Mbgl and below 202Mbgl to till depth logged.

3- Partial clay kankar intercalation present in between 153-157 Mbgl.


AllGeo Solutions
Sanjeef Sharma
(Hydrogeologist)

