



AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2023/PRGH-113
Date : 18/09/2023


GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Barapur Bikh
Location : 25.871791, 81.755971
Block : Laxmanpur
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 321 Mbgl
Rm/Rw : 10/11
Date of Logging : 17-September-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S Powermach Projects India Ltd, Pratapgarh Uttar Pradesh
Representative : M/S Maa Pitambra 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	24-28	4	Good
2	33-36	3	Good
3	42-45	3	Good

- Note: 1- All zones are intermixed with thin bands of kankar.
2- The formation water quality is deteriorating from marginal to saline in between 70-154mbgl and below 228Mbgl to till depth logged.
3- A clay kankar intercalation is present in between 154-163 Mbgl.
4- No proper granular zones encountered in between 163-228Mbgl.


AllGeo Solutions
Sanjeet Sharma
(Hydrogeologist)

Address: PNP-3, Software Technology Parks of India (STPI) Motilal Nehru National Institute of Technology Campus, Near Ganga Gate Teliarganj, Prayagraj 211004, Uttar Pradesh, India, Email: allgeosolutions@gmail.com.
Mobile: +91-9452830062, 8840360108, Web: www.allgeos.co.in