



# AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2024/ PRGH - 280  
Date : 05/02/2024


## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Virauti Tw -02  
Location : 25.871253, 82.218540  
Block : Patti  
District : Pratapgarh  
State : Uttar Pradesh  
Logging Depth : 307 Mbgl  
Rm/Rw : 12/11  
Date of Logging : 04-February-2024  
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)  
Logger Make : GIT  
Tubewell Drilled By : M/S Powermach Projects India Ltd, Pratapgarh, Uttar Pradesh  
Representative : M/S Bhagwati Enterprises

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	25-32	7	Good
2	65-69	4	Good To Moderate
3	76-80	4	Moderate to Marginal

Note: 1- All zones are intermixed with thin bands of kankar and sr no 3 is kankar intermixed.  
2- Sr. No. 2, 3 are fine sand in nature.  
3- The formation water quality is deteriorating from marginal to saline below 88Mbgl to till depth logged.

  
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](http://www.allgeos.co.in)