



# AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2023/ PRGH -188  
Date : 16/11/2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Shivra  
Location : 25.774613, 81.842074  
Block : Mandhata  
District : Pratapgarh  
State : Uttar Pradesh  
Logging Depth : 292 Mbgl  
Rm/Rw : 16/19  
Date of Logging : 15-Nov-2023  
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)  
Logger Make : GIT  
Tubewell Drilled By : M/S Kalpataru projects international Pvt Ltd, Uttar Pradesh  
Representative : M/S Bhagwati Traders


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	21-37	16	Good
2	42-46	4	Good
3	174-177	3	Good
4	188-192	4	Good
5	196-200	4	Good
6	208-215	7	Good
7	222-226	4	Moderate to Marginal
8	230-240	10	Moderate to Marginal

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

2 - The formation water quality is deteriorating in between 112-148Mbgl and deteriorating from marginal to saline below 246Mbgl to till depth logged .

3- Sr no 2 fine sand in nature.

  
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Sanjeet Sharma  
(Hydrogeologist)

