



# AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2023/PRYJ-86  
Date : 25/04/2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Ramgarh(Deep)  
Location : 25.683646 81.799572  
Block : Holagarh  
District : Prayagraj  
State : Uttar Pradesh  
Logging Depth : 179 Mbgl  
Rm/Rw : 16/12  
Date of Logging : 24-Apr-2023  
Logged By : Mr. Shobhit Srivastava(Hydrogeologist)  
Logger Make : GH  
Tubewell Drilled By : M/S L & T Construction Pvt Ltd, Prayagraj  
Representative : M/S L B 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:

Sl No.	Depth Range (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
<del>1</del>	27-31	4	Good
<del>2</del>	120-127	7	Good
<del>3</del>	137-141	4	Good
<del>4</del>	154-158	4	Good
<del>5</del>	160-163	3	Good
<del>6</del>	166-173	7	Good

Note: 1- All zones intermixed with thin bands of kankar and Sr. No. 3 is highly kankar intermixed.  
2- The formation water is deteriorating from marginal to saline in between 40 - 110Mbgl.  
3. Prominent clay kankar interclation is at depth 114Mbgl to 118mbgl.

Verified as per  
logs provided

GSh  
26/04/23

