

## Geophysical Well Logging Report

Ref No:190224/01


Date 19/02/2024

Name of the Site :- Katauli Khurd, Block- Lalganj  
District :- Azamgarh  
Date of logging :- 19-02-2024  
Logging Depth :- 200m  
Drilling Depth :- 200m  
Types of log :- SP,N16,N64,SPR,Gama,Temperature  
Logger Used :- JDX-3Dr Natural Gamma & Electrical Resistivity  
Name of Agency :- Skylark Infra Engineering Pvt Ltd  
Co-ordinates :- 25.776246N, 83.009784E

Based on the interpretation of geophysical logs, following information may be deciphered, Particularly with respect to salinity of the formation water.

S. No.	Depth Range from MBGL	Depth Range To MBGL	Thickness Mtr.	Inferred Lithology	Quality of Ground Water
01	20	33	13	Fine to Medium Sand mixed with Kankar	Good
02	34	39	05	Fine to medium sand mixed with kankar	Good
03	48	54	06	Fine to medium sand	Good
04	56	59	03	Fine to medium sand	Good
05	61	67	06	Fine to medium sand	Good
06	91	97	06	Fine to medium sand	Good

**Note:** Quality of the formation water is deteriorating saline below 97.00mbgl till depth logged. The formation below this depth is mostly clay.

  
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