

**Geophysical Well Logging Report**

Ref No: 130224/01

Date 13/02/2024

Name of the Site :- Jamin Mohammadpur, Block-Azamatgarh  
 District :- Azamgarh  
 Date of logging :- 13-02-2024  
 Logging Depth :- 159m  
 Types of log :- SP,N16,N64,SPR,Gama,Temperature  
 Logger Used :- JDX-3Dr Natural Gamma & Electrical Resistivity  
 Name of Agency :- Sudhakara Infrastructure Pvt Ltd  
 Co-ordinates :- 26.180687N, 83.292385E

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	24	27	03	Fine to Medium Sand mixed with Kankar	Good
02	41	65	24	Fine to Medium Sand mixed with Kankar	Good
03	69	72	03	Fine to Medium Sand mixed with Kankar	Good
04	109	116	07	Fine to Medium Sand	Good
05	123	126	03	Fine to Medium Sand	Good

2

1) Note: Quality of the formation water is deteriorating saline below 126.00mbgl till depth logged. The formation below this depth is mostly clay.

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