

## Geophysical Well Logging Report

Ref No: 070424/01

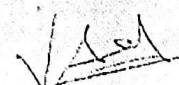
Date 07/04/2024

Name of the Site :- Rasawan , Block- Phulpur  
District :- Azamgarh  
Date of logging :- 07-04-2024  
Logging Depth :- 198m  
Drilled 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 :- 25.974654N, 82.796556E

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

| S. No. | Depth<br>Range from<br>MBGL | Depth<br>Range To<br>MBGL | Thickness<br>Mtr. | Inferred Lithology                       | Quality of Ground<br>Water |
|--------|-----------------------------|---------------------------|-------------------|------------------------------------------|----------------------------|
| 01     | 32                          | 37                        | 05                | Fine to Medium Sand mixed<br>With kankar | Good                       |
| 02     | 41                          | 47                        | 06                | Fine to medium sand                      | Good                       |
| 03     | 94                          | 103                       | 09                | Fine to medium sand                      | Good                       |
| 04     | 131                         | 143                       | 12                | Fine to medium sand                      | Good                       |

Note: Quality of the formation water is deteriorating saline below 143.00mbgl till depth logged. The formation below this depth is mostly clay.

  
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