

## Geophysical Well Logging Report

Date 15/08/2024


Ref No: 150824/01

Name of the Site :- Birno T.W-2 Zone-2, Block- Birno  
District :- Ghazipur  
Date of logging :- 15-08-2024  
Logging Depth :- 360m  
Drilled Depth :- 360m  
Types of log :- SP,N16,N64,SPR,Gama, Temperature  
Logger Used :- JDX-3Dr Natural Gamma & Electrical Resistivity  
Name of Agency :- M/S VSAIPPL-SMC-JV  
Co-ordinates :- 25.715324N, 83.517185E

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	23	45	22	Fine to Medium Sand	Good
02	52	57	05	Fine Sand	Good
03	63	65	02	Fine Sand	Good
04	86	109	23	Fine to Medium Sand	Good
05	144	152	08	Fine Sand	Good

Note: Quality of the formation water is deteriorating saline below 166.00mbgl till depth logged. The formation below this depth is mostly clay.

  
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