

Geophysical Well Logging Report

Ref No: 020624/02

Date 02/06/2024

Name of the Site :- barhi, Scheme-Gobindpur Kirat, Block- Mardah
District :- Ghazipur
Date of logging :- 02-06-2024
Logging Depth :- 199m
Drilled Depth :- 199m
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 :-25.768499N, 83.540976E

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	29	41	12	Fine to Medium Sand mixed with Kankar	Good
02	44	50	06	Fine to medium Sand	Good
03	59	67	08	Fine to medium sand	Good
04	72	85	13	Fine to medium sand	Good
05	88	90	02	Fine to medium sand	Good

Note: Quality of the formation water is deteriorating saline below 105.00mbgl till depth logged. The formation below this depth is mostly clay.


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