

VALPS GEOTECH PVT LTD

Geophysical Well Logging Report

Ref No:250224/01


Date 25/02/2024

Name of the Site :- Gosadi , Block- Mohammadpur
District :- Azamgarh
Date of logging :- 25-02-2024
Logging Depth :- 194m
Drilling Depth :- 200m
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 :- 25.945932N, 82.862211E

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	17	20	03	Fine to Medium Sand mixed with Kankar	Good
02	23	36	13	Fine to Medium Sand mixed with Kankar	Good
03	38	44	06	Fine to medium sand	Good
04	57	66	09	Fine to medium sand	Good
05	69	83	14	Fine to medium sand	Good

Note: Quality of the formation water is deteriorating saline below 83.00mbgl till depth logged. The formation below this depth is mostly clay.


Vishesh Seth (Geophysicist)
Passout IIT-ISM Dhanbad
Previous Employee of Government of India,
Ministry of Jal Shakti