

VALPS GEOTECH PVT LTD

Geophysical Well Logging Report

Ref No:020324/02


Date 02/03/2024

Name of the Site :- Sarsena Khalsa, Block- Mohammadpur
District :- Azamgarh
Date of logging :- 02-03-2024
Logging Depth :- 197m
Drilling Depth :- 200m
Types of log :- SP,N16,N64,SPR,Gama,Temperature
Logger Used :- JDX-3Dr Natural Gamma & Electrical Resistivity
Name of Agency :- Sudhakara Infratech Pvt Ltd
Co-ordinates :- 25.97135N, 83.04469E

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	37	08	Fine to Medium Sand mixed with Kankar	Good
02	41	47	06	Fine to Medium Sand mixed with kankar	Good
03	62	72	10	Fine to Medium Sand	Good
04	78	87	09	Fine to Medium Sand	Good
05	177	183	06	Fine to Medium Sand	Good to moderate

Note: Quality of the formation water is deteriorating saline between 87.00mbgl to 177.00mbgl and below 183.00mbgl 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
Central Ground Water Board