

VALPS GEOTECH PVT LTD

Geophysical Well Logging Report

Ref No:300524/01

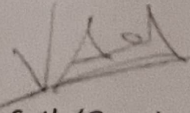
Date 30/05/2024

Name of the Site :- baluaa & Mishirpur Jalalpur, Block- Akhand Nagar
District :- Sultanpur
Date of logging :- 30-05-2024
Logging Depth :- 265m
Drilling Depth :- 275m
Types of log :- SP, N16, N64, SPR, Gama, Temperature
Logger Used :- JDX-3Dr Natural Gamma & Electrical Resistivity
Name of Agency :- VTL-Gaja Engineering Pvt Ltd JV
Co-ordinates :- 26.214138N, 82.486613E

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	25	36	11	Fine to Medium Sand mixed with Kankar	Good
02	38	41	03	Fine to medium sand	Good
03	43	47	04	Fine to medium sand	Good
04	51	58	07	Fine to medium sand	Good
05	59	68	09	Fine to medium sand	Good
06	72	76	04	Fine to medium sand	Good to moderate

Note: Quality of the formation water is deteriorating saline below 91.00mbgl 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