

## Geophysical Well Logging Report

**Ref No: 100524/02**

**Date 10/05/2024**

**NAME OF SITE TENDUWA MAHANIYA  
BLOCK DOSTPUR  
DISTRICT SULTANPUR**

**NAME OF AGENCY**

**VTL – GAJA ENGINEERING PVT LTD,  
JV**

**VALPS GEOTECH PVT LTD  
303, SARVDHARAM SECTOR B, KOLAR ROAD  
BHOPAL, M.P.**

**valpsgeotechpvtltd@gmail.com**

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Ref No: 100524/02


Date 10/05/2024

Name of the Site :- Tenduwa Mahaniya, Block-  
District :- Sultanpur  
Date of logging :- 10-05-2024  
Logging Depth :- 165m  
Drilling Depth :- 165m  
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 :- 26.355198N, 82.384345E

Based on the interpretation of geophysical logs, following information may be deciphered, Particularly with respect to salinity of the formation water.

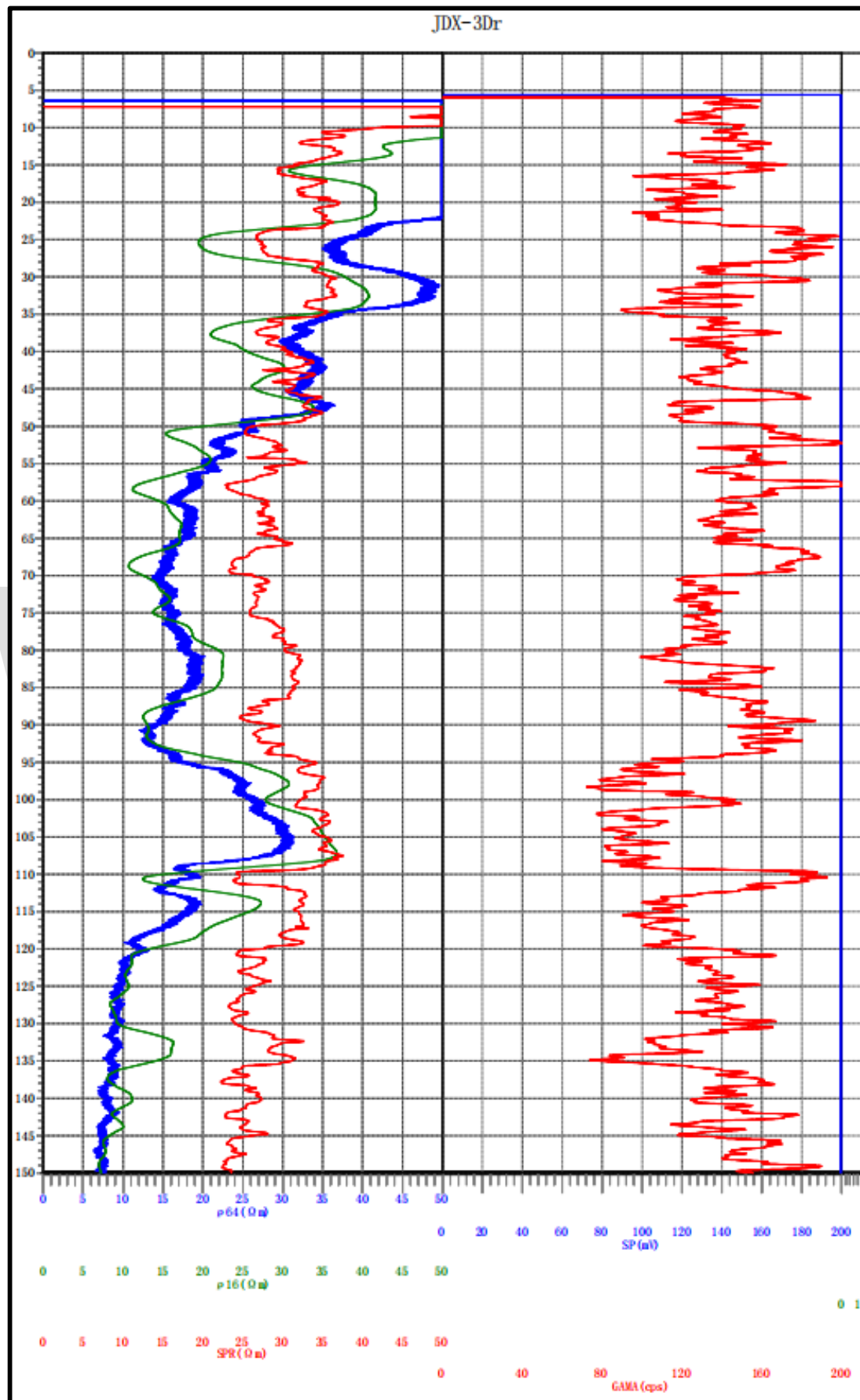
S. No.	Depth Range from MBGL	Depth Range To MBGL	Thickness Mtr.	Inferred Lithology	Quality of Ground Water
01	29	50	21	Fine to Medium Sand mixed with Kankar	Good
02	70	81	11	Fine to Medium Sand	Good
03	94	99	05	Fine to Medium Sand	Good
04	101	109	08	Fine to Medium Sand	Good
05	113	120	07	Fine to Medium Sand	Good

**Note:** Quality of the formation water is deteriorating saline below 122.00mbgl 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**

VGPL

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