

Geophysical Well Logging Report

Ref No: 110524/03

Date 11/05/2024

**NAME OF SITE IZADIPUR
BLOCK PHOOLPUR
DISTRICT AZAMGARH**

**NAME OF AGENCY
SKYLARK INFRA ENGINEERING PVT
LTD**

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

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Name of the Site : Izadipur, Block-Phulpur
District :-Azamgarh
Date of logging :- 11-05-2024
Logging Depth :-198m
Drilled Depth :- 225m
Types of log :- SP,N16,N64,SPR,Gama,Temperature
Logger Used :-JDX-3Dr Natural Gamma & Electrical Resistivity
Name of Agency :- Skylark Infra Engineering Pvt Ltd
Co-ordinates :- 26.0277950N, 82.7149950E

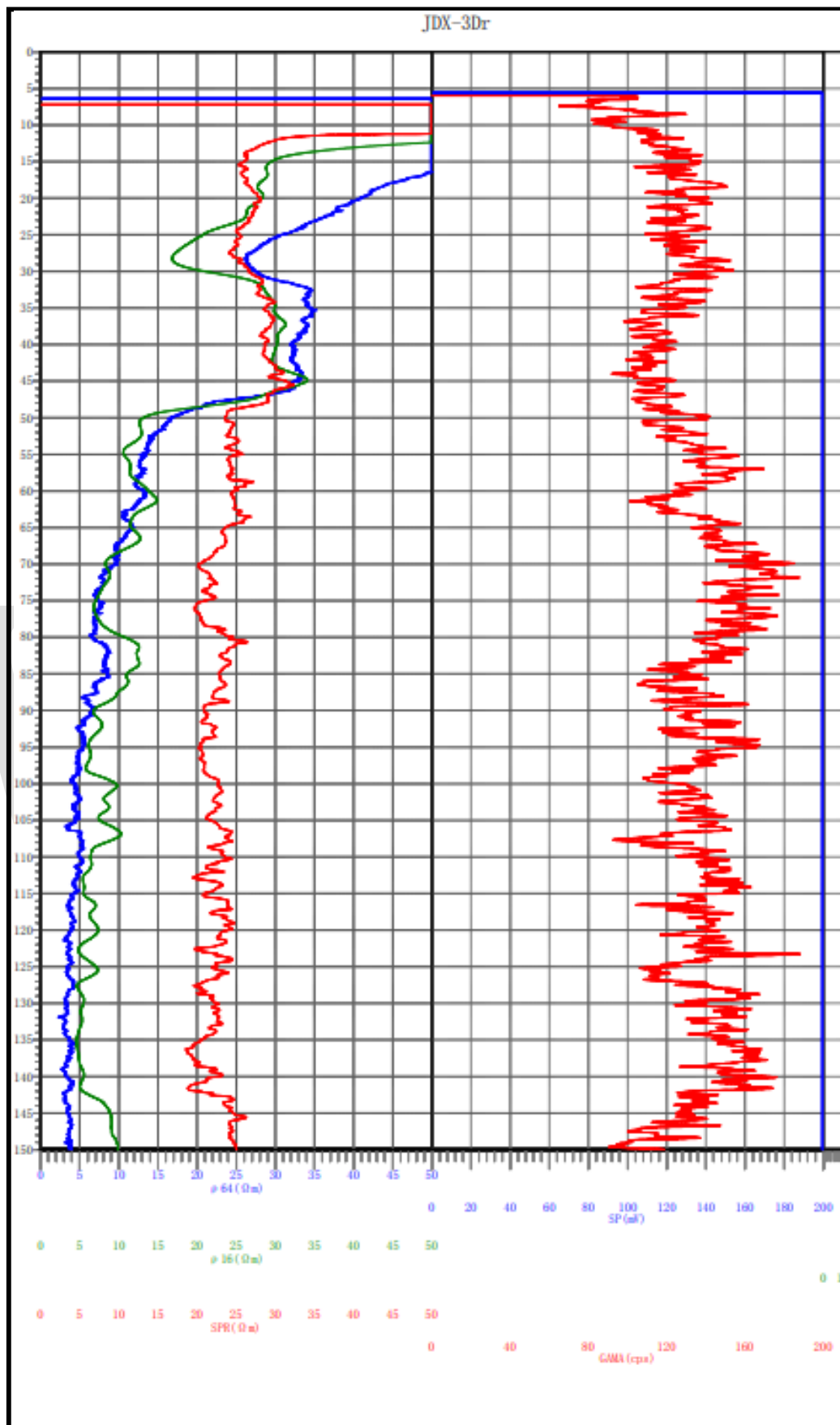
Based on the interpretation of geophysical logs, following information may be deciphered, Particularly with respect to salinity of the formation water.

| S. No. | Depth Range from MBGL | Depth Range To MBGL | Thickness Mtr. | Inferred Lithology | Quality of Ground Water |
|--------|-----------------------|---------------------|----------------|---------------------------------------|-------------------------|
| 01 | 34 | 48 | 14 | Fine to Medium Sand mixed with kankar | Good |
| 02 | 59 | 63 | 04 | Fine to medium sand | Good |
| 03 | 83 | 88 | 05 | Fine to medium sand | Good to moderate |

Note: Quality of the formation water is deteriorating saline below 92.00mbgl 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

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