

Geophysical Well Logging Report

Ref No: 290524/01

Date 29/05/2024

**NAME OF SITE SHAMBHU
BLOCK GAURIGANJ
DISTRICT AMETHI**

**NAME OF AGENCY
WELSPUN PVT LTD.**

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

VALPS GEOTECH PVT LTD

Geophysical Well Logging Report

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Name of the Site : Shambhu, Block-Gauriganj
District :- Amethi
Date of logging :- 29-05-2024
Logging Depth :-363m
Drilled Depth :- 400m
Types of log :- SP,N16,N64,SPR,Gama,Temperature
Logger Used :-JDX-3Dr Natural Gamma & Electrical Resistivity
Name of Agency :- WELSPUN PVT LTD.
Co-ordinates :- 26.202529N, 81.642736E

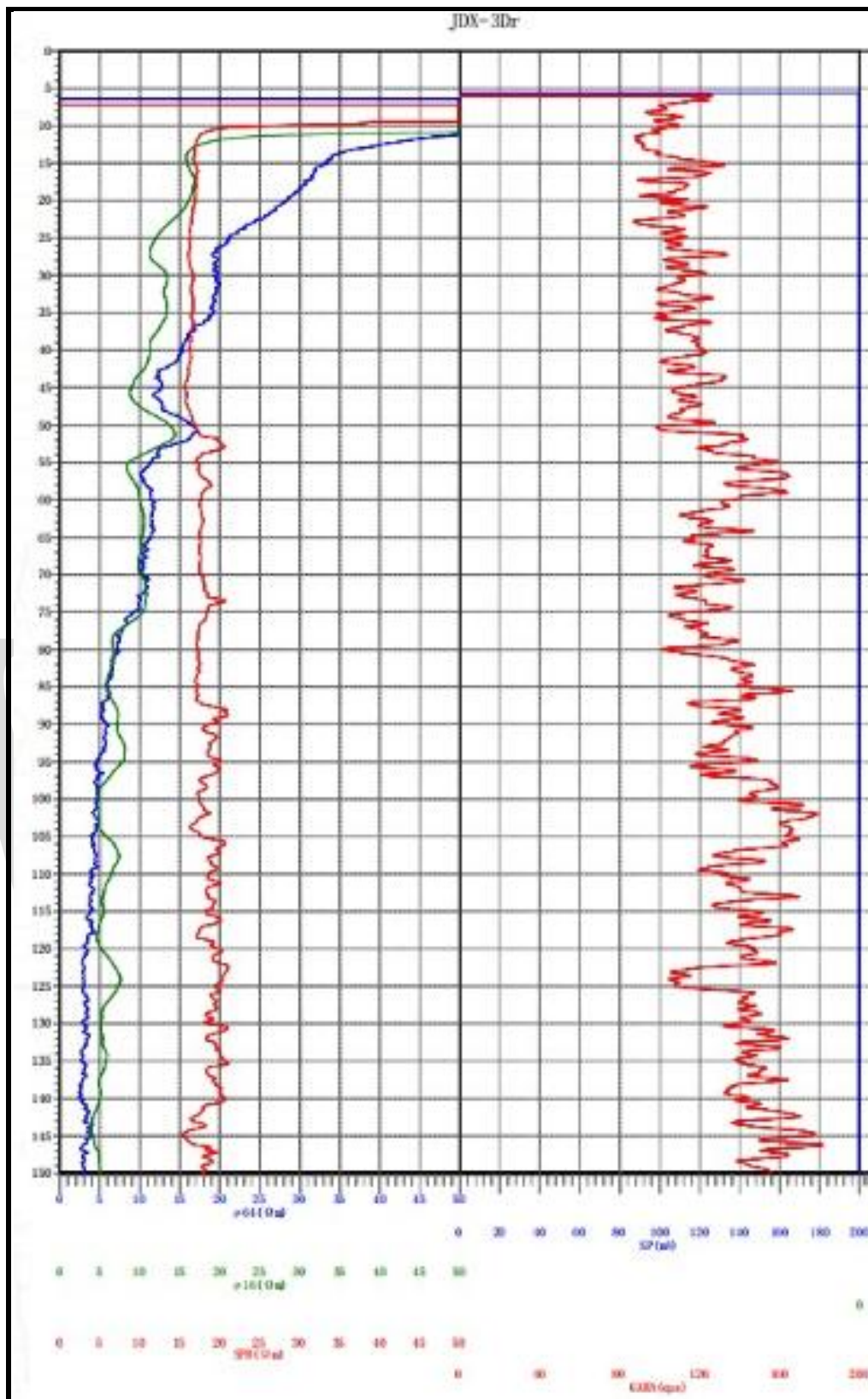
Based on the interpretation of geophysical logs, following information may be deciphered, Particularly with respect to salinity of the formation water.

| S. No. | Depth Range from MBGL | Depth Range To MBGL | Thickness Mtr. | Inferred Lithology | Quality of Ground Water |
|--------|-----------------------|---------------------|----------------|---------------------------------------|-------------------------|
| 01 | 28 | 51 | 23 | Fine to Medium Sand mixed with kankar | Good |
| 02 | 61 | 80 | 19 | Fine to medium sand | Good to moderate |

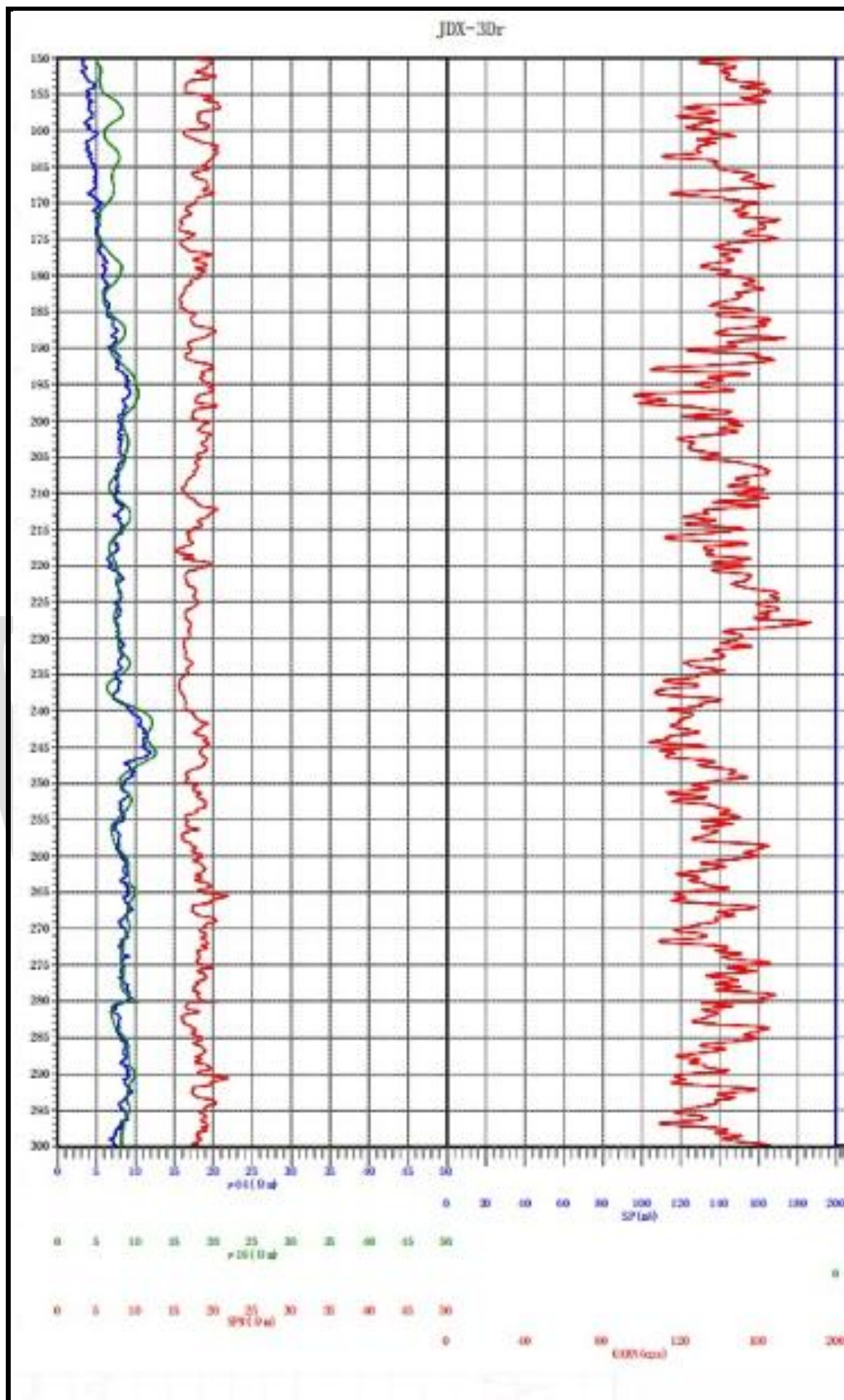
Note: Quality of the formation water is deteriorating saline below 96.00mbgl till depth logged. The formation below this depth is mostly clay.


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Previous Employee of Government of India,
Ministry of Jal Shakti
Central Ground Water Board

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