

VALPS GEOTECH PVT LTD

Geophysical Well Logging Report

Ref No: 150924/02

Date 15/09/2024

**NAME OF SITE BHAIROPUR
BLOCK SAIDPUR
DISTRICT GHAZIPUR**

NAME OF AGENCY

HFCL LIMITED

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

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Geophysical Well Logging Report

Ref No: 150924/02

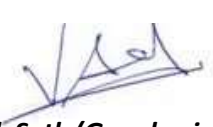
Date 15/09/2024

Name of the Site :- Bhairampur
Block :- Saidpur
District :- Ghazipur
Date of logging :- 15-09-2024
Logging Depth :- 295m
Drilling Depth :- 300m
Types of log :- SP, N16, N64, SPR, Gama, Temperature
Logger Used :- JDX-3Dr Natural Gamma & Electrical Resistivity Name of
Agency :- Hfcl Limited
Co-ordinates :- 25.606209N, 83.188512E

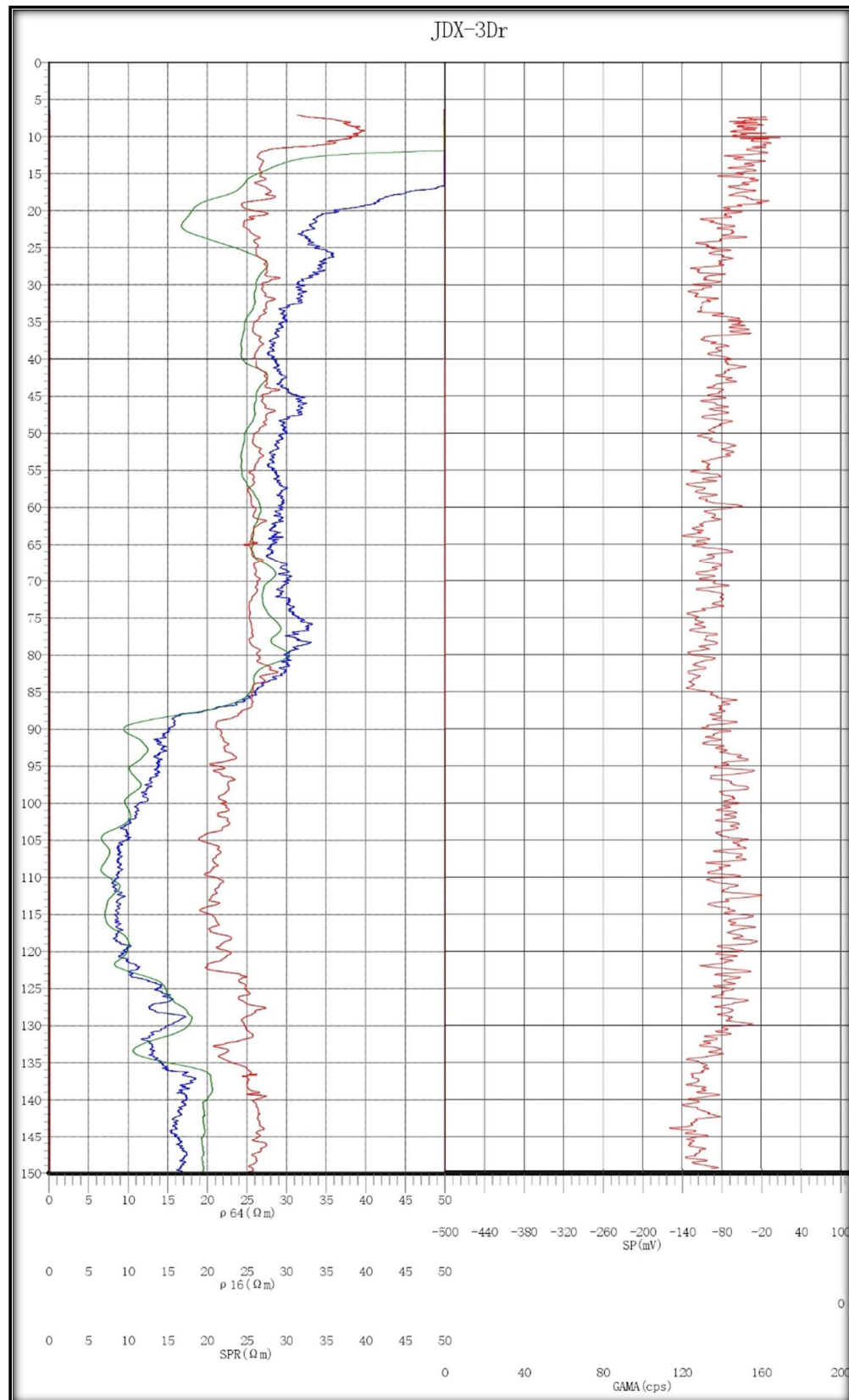
Based on the interpretation of geophysical logs, following information may be deciphered, Particularly with respect to salinity of the formation water.

S. No.	Depth Range from MBGL	Depth Range To MBGL	Thickness Mtr.	Inferred Lithology	Quality of Ground Water
01	27	32	05	Fine to Medium Sand mixed with Kankar	Good
02	42	49	07	Fine Sand	Good
03	53	62	09	Fine Sand	Good
04	66	84	18	Fine Sand	Good
05	135	144	09	Fine Sand	Good
06	147	154	07	Fine Sand	Good
07	156	170	14	Fine Sand	Good

The Quality of formation water is deteriorating marginal saline below and mostly clay 177.00mbgl till logged depth.


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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