

GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

Plot no. 61 Vikaskung, Near Tower, Dibiyapur – 206244, District – Auraiya, Uttar Pradesh (India)

E-mail: machtechtools55@gmail.com , Mobile Number :- 9265018387

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REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. GVPR ENGINEERING LIMITED as a part of their scope of work of development of Tubewell under Jal Jeevan Mission Project of SWSM, MTL conducted a Geophysical Continuous logging in the above borehole.

Village Name	ALINAGAR
Block	JALALABAD
District	KANNAUJ, U.P.
Logged Depth	193.3 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	21.03.2023

The following aquifer zones have been deciphered with the help of logging machine.

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	24 – 29	5	Good
2	47 – 53	6	Good
3	73 – 76	3	Good
4	88 – 98	10	Good
5	105 – 109	4	Good
6	126 – 134	8	Good
7	143 – 147	4	Good

~~Rw – 25.5 Ohm mtr and Rm – 24.8 Ohm mtr~~

~~Note: Sr. no 4 and 6 are Highly kankar Intermixed. No proper granular zones encountered below 147 MGBL to till logged depth.~~

*- Logging performed as per SWSM guidelines.
- Groundwater quality interpreted by firm as per their logger calibration*

For Geo-Technical Consultant,



Authorised Signatory

*G. Gh
22/03/23*



