



Ref : MTL/WL/23-24/284

Date 19.06.2023

## REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. Kalpataru Projects International 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	Dahiyapur
Block	Kunda
District	Pratapgarh, U.P.
Logged Depth	269 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	18.06.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
<del>1</del>	33 – 43	10	Good
<del>2</del>	80 – 85	5	Good
3	90 – 93	3	Good
<del>4</del>	100 – 103	3	Good
<del>5</del>	110 – 117	7	Good
<del>6</del>	125 – 132	7	Good
<del>7</del>	137 – 141	4	Good

Rw – 13.5 Ohm mtr and Rm – 19.5 Ohm mtr

Note: Sr no 2,3 is Find Sand and The formation water is deteriorating below 164 MBGL to till depth logged.

For Geo-Technical Consultant,

Authorised Signatory

- Logging performed as per SWSM guidelines.  
- Groundwater quality interpreted by firm as per their logger calibration  
GSR  
19/06/23