

Ref: MTL/WL/23-24/107

Date : 05.05.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. GAYATRI – RAMKY (JV) as a part of their scope of work of development of Tubewell under Jal Jeevan Mission Project of SWSM, MTI conducted a Geophysical Continuous logging in the above borehole.

Village Name	Palia Purab
Block	Musafirkhana
District	Amrohi, U.P.
Logged Depth	166.2 Mtr BGL
Type of Log	Continuous well logger (SP, N1G (SN), NG1 (IN) & LAT)
Machine Used	IGIS
Logging Date	04.05.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	26 – 36	10	Good
2	61 – 67	6	Good
3	85 – 90	5	Good
4	126 – 133	7	Good to Moderate

~~Rw~~ – 20.0 Ohm mtr and ~~Rm~~ – 20.5 Ohm mtr

Note: No proper granular zones encountered below 140 MBGL.

– Logging performed as per SWSM guidelines
– Groundwater quality interpreted by firm as per their logger calibration

For Geo Technical Consultant,



Authorised Signatory

GSh
06/05/23