

GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

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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, MTL conducted a Geophysical Continuous logging in the above borehole.

Village Name	PAINGA
Block	GAURIGANJ
District	AMETHI
Logging Depth	121.8 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	18.12.2023

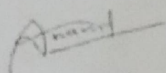
The following aquifer zones have been deciphered with the help of logging machine.

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	9 – 14	5	Good to Moderate
2	35 – 43	8	Good to Moderate
3	77 – 80	3	Moderate

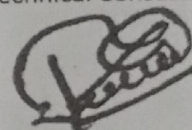
Rw – 12.2 Ohm mtr and Rm – 10.8 Ohm mtr

Note – Below 80 MBGL the formation water quality is saline to till log depth.

For Geo-Technical Consultant,



Anand Kumar
(Hydrogeologist)



Authorised Signatory