

## **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

Ref: MTL/WL/23-24/521 Date 09.10.2023

## REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. VTL – GAJA (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	PUNNPUR 2	
Block	SANGRAMPUR	
District	AMETHI	
Drilled Depth	390 MBGL	
Logged Depth	348.6 MBGL	
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)	
Machine Used	IGIS	
Logging Date	08.10.2023	

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	19 – 24	5	Good
2	80 – 83	3	Moderate
3	153 – 160	7	Good to Moderate
4	215 – 227	12	Good to Moderate
5	251 – 269	18	Good to Moderate

Rw – 10.2 Ohm mtr and Rm – 12.1 Ohm mtr

Note –Below 270 MBGL no proper granular zone encountered till log depth.

For Geo-Technical Consultant,

Anand Kumar

(Hydrogeologist)

**Authorised Signatory** 

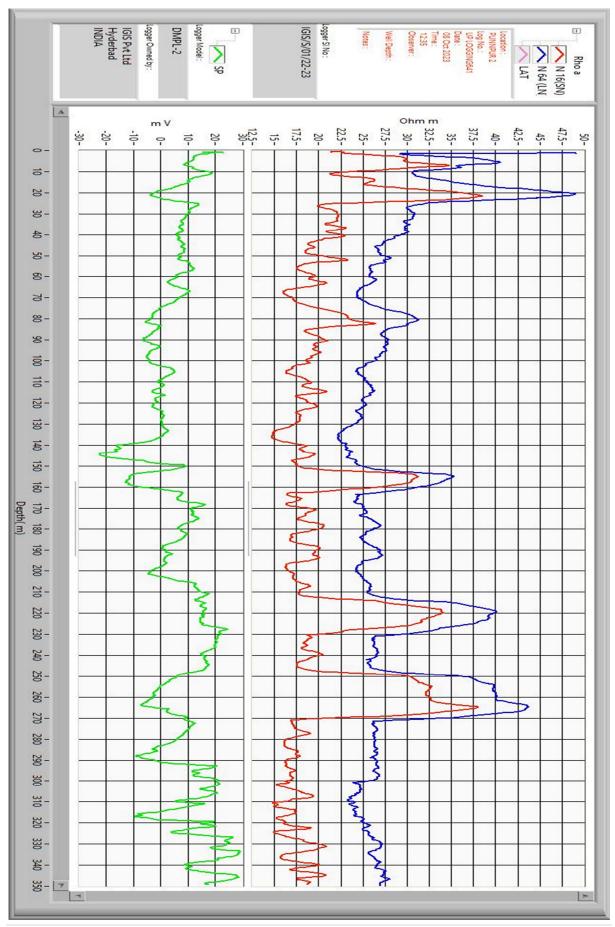


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