

Ref : MTL/WL/23-24/486

Date 18.09.2023

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

Village Name	ITAURI
Block	SANGRAMPUR
District	AMETHI
Drilling Depth	300 Mtr BGL
Logged Depth	245.2 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	18.09.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	12 – 16	4	Moderate
2	18 – 21	3	Moderate
3	33 – 36	3	Moderate
4	46 – 51	5	Moderate to marginal
5	190 – 193	3	Moderate to marginal
6	215 – 219	4	Moderate to marginal
7	223 – 226	3	Moderate to marginal

Rw – 12.0 Ohm mtr and Rm – 12.7 Ohm mtr

Note – The formation water is marginal to saline in between 51 to 188 MBGL and Below 226 MBGL to till log depth.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



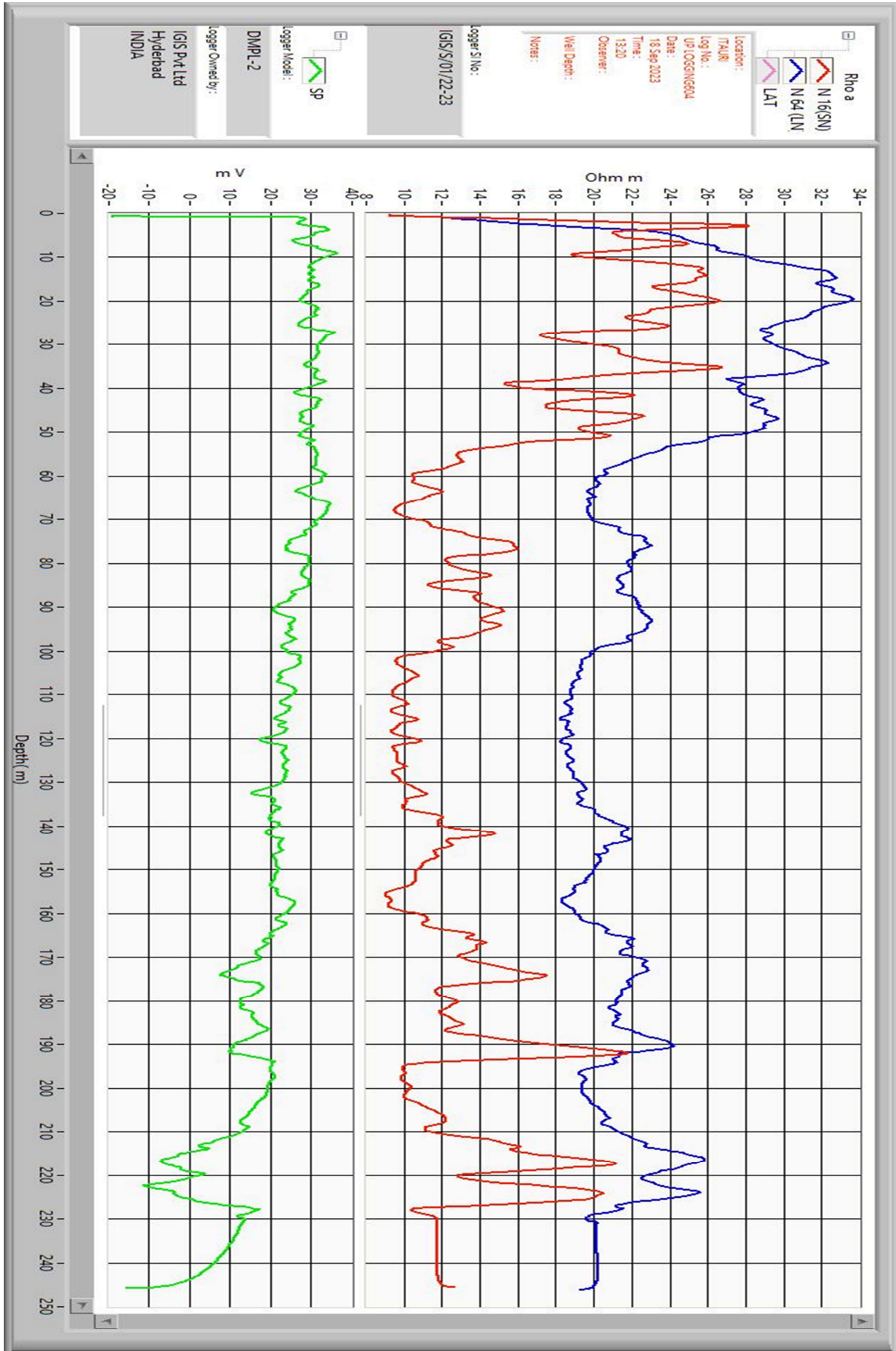
GEO - TECHNICAL
CONSULTANT

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





GEO - TECHNICAL
CONSULTANT

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

