(Division of MACHTECH)

GEO – TECHNICAL CONSULTANT

Plot no. 61 Vikaskung, Near Tower, Dibiyapur – 206244, District – Auraiya, Uttar

Pradesh (India)

E-mail: machtechtools55@gmail.com , Mobile Number :- 9265018387

Ref : MTL/WL/23-24/608

Date : 06.12.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s Welspun India 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	SHAHBAJPUR	
Block	GAURIGANJ	
District	AMETHI, U.P.	
Logged Depth	400.1 MBGL	
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)	
Machine Used	IGIS	
Logging Date	06.12.2023	

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	15 – 20	5	Good
2	31 – 37	6	Good to Moderate
3	42 – 45	3	Good
4	246 – 256	10	Moderate
5	284 – 294	10	Good
6	310 - 322	12	Good
7	333 – 342	9	Good
8	360 – 368	8	Good
9	371 - 380	9	Good
10	383 – 389	6	Good

 $\mathsf{Rw}-\mathsf{17.9}$ Ohm mtr and $\mathsf{Rm}-\mathsf{24.0}$ Ohm mtr

Note: Below 60 MBGL to 242 MGBL the formation water quality is marginal to saline.

Anand Kumar (Hydrogeologist)







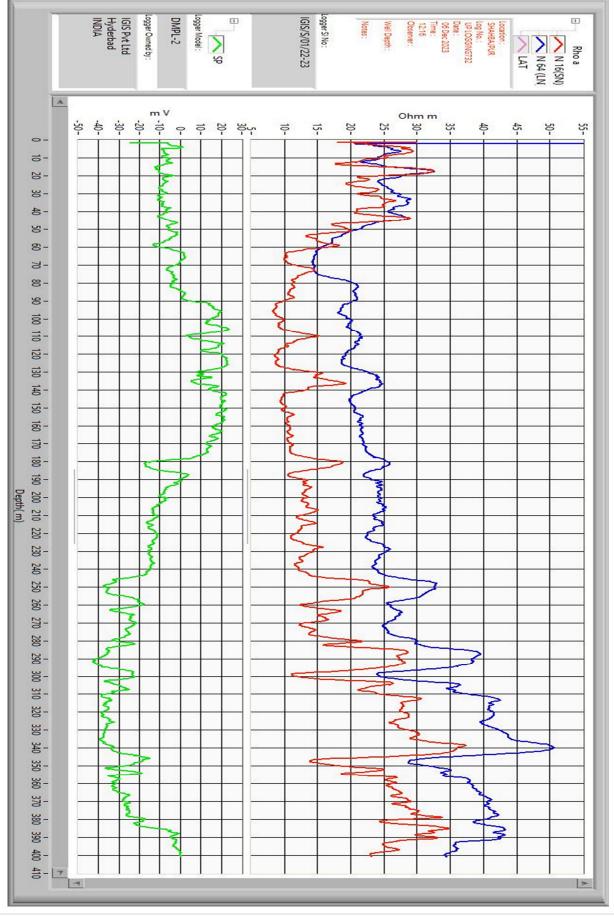
GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

Plot no. 61 Vikaskung, Near Tower, Dibiyapur – 206244, District – Auraiya, Uttar

Pradesh (India)

E-mail: machtechtools55@gmail.com , Mobile Number :- 9265018387





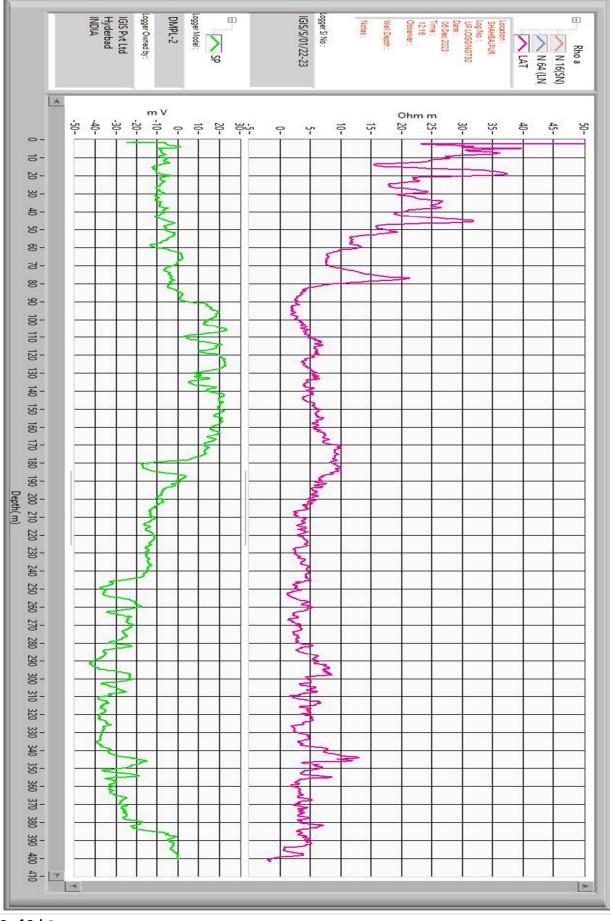
GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

Plot no. 61 Vikaskung, Near Tower, Dibiyapur – 206244, District – Auraiya, Uttar

Pradesh (India)

E-mail: machtechtools55@gmail.com , Mobile Number :- 9265018387



3 of 3 | P a g e