

## GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

Plot no. 61 Vikaskung, Near Tower, Dibiyapur – 206244, District – Auraiya, Uttar Pradesh (India)

E-mail: [machteertools55@gmail.com](mailto:machteertools55@gmail.com), Mobile Number :- 9265018387

Ref : MTL/WL/23-24/61

Date : 21.04.2023

### REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. GVPR ENGINEERING 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	Bhikhampur Sani
Block	Chhibramau
District	Kannauj, U.P.
Logged Depth	199.7 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	21.04.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	36 – 39	3	Good
<del>2</del>	<del>45 – 51</del>	<del>6</del>	<del>Good</del>
<del>3</del>	<del>58 – 65</del>	<del>7</del>	<del>Good</del>
<del>4</del>	<del>75 – 81</del>	<del>6</del>	<del>Good</del>
<del>5</del>	<del>113 – 120</del>	<del>7</del>	<del>Good</del>
<del>6</del>	<del>137 – 145</del>	<del>8</del>	<del>Good</del>

R<sub>w</sub> – 25.4 Ohm mtr and R<sub>m</sub> – 21.7 Ohm mtr

- Logging performed For Geo-Technical Consultant,  
as per SWSM guidelines.  
- Groundwater quality interpreted by firm  
as per their logger  
calibration



Authorised Signatory

GSh  
21/04/23



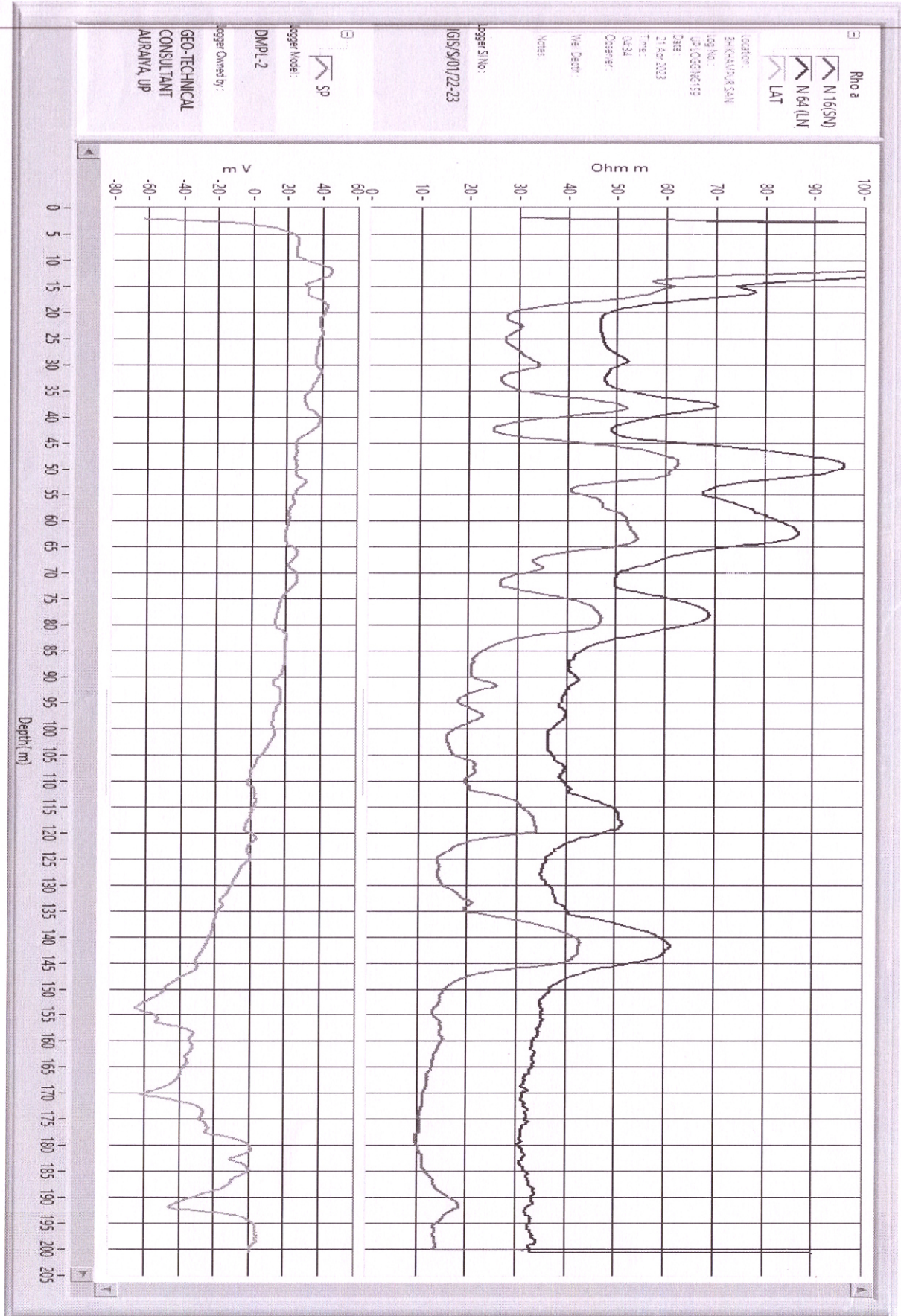
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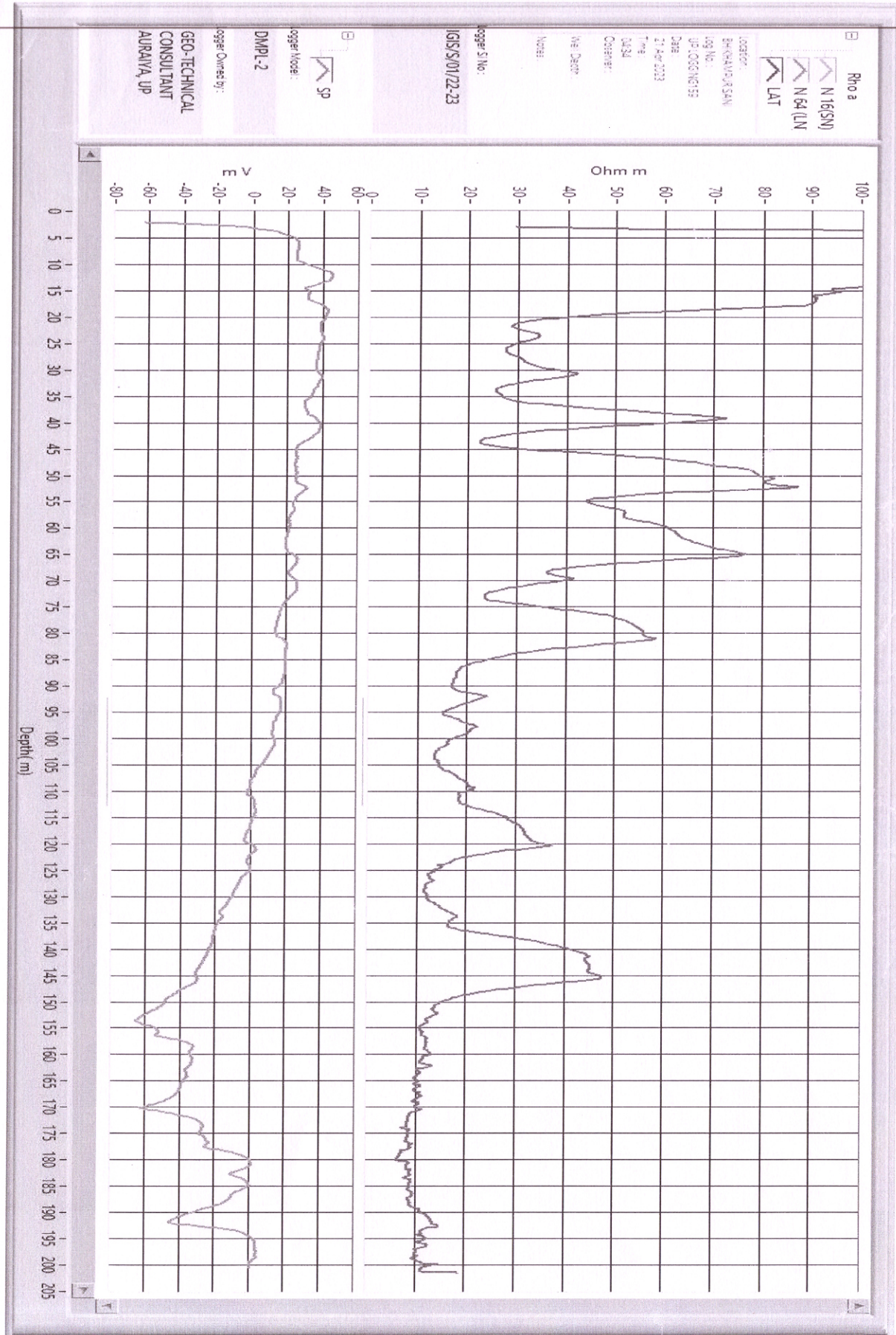
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