

REPORT ON GEO-PHYSICAL ELECTRICAL
LOGGING OF BOREHOLE

at
Village: Kanhed-Talabpur
Binoli, Baghpat, Uttar Pradesh

For
M/s. LC Infra Projects Private Limited.
Ahmedabad.

Conducted by



GLOBAL GROUND WATER CONSULTANTS
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Date: 26th May 2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

At

Village: Kanhed-Talabpur
Binoli, Baghpat, Uttar Pradesh

Introduction:

A deep borehole of 164 (540 Feet) was drilled *M/s. LC Infra Projects Limited, Ahmedabad*, On the request of *M/s. LC Infra Projects Limited, Ahmedabad*, GGWC conducted a Geophysical Resistivity logging in the above borehole using IGIS's Logger dated 26th May 2023

Based on the interpretation of the Logging, the following litho logy has been inferred which tallies fairly well with the well-site litho-log based on mud-wash samples.

<i>Depth in m</i>	<i>Expected Litholog</i>	<i>Expected Quality</i>
0 - 3	Surface Soil	
3 - 7	Sandy clay	
7 - 13	Clay	
13 - 19*	Medium sand	Good
19 - 24	Sandy clay	
24 - 27*	Medium sand	Good
27 - 44	Fine sand	Good
44 - 60*	Medium sand	Good
60 - 64*	Fine sand	Good
64 - 67	Sandy clay	
67 - 73*	Fine sand	Good
73 - 93*	Medium sand	Good
93 - 101	Sandy clay	
101 - 113*	Medium sand	Good
113 - 120*	Fine to medium sand	Good
120 - 124	Sandy clay	
124 - 126*	Medium sand	Good
126 - 138	Clay	
138 - 150	Sandy clay	
150 - 164	Clay	

Conclusions and Recommendations:

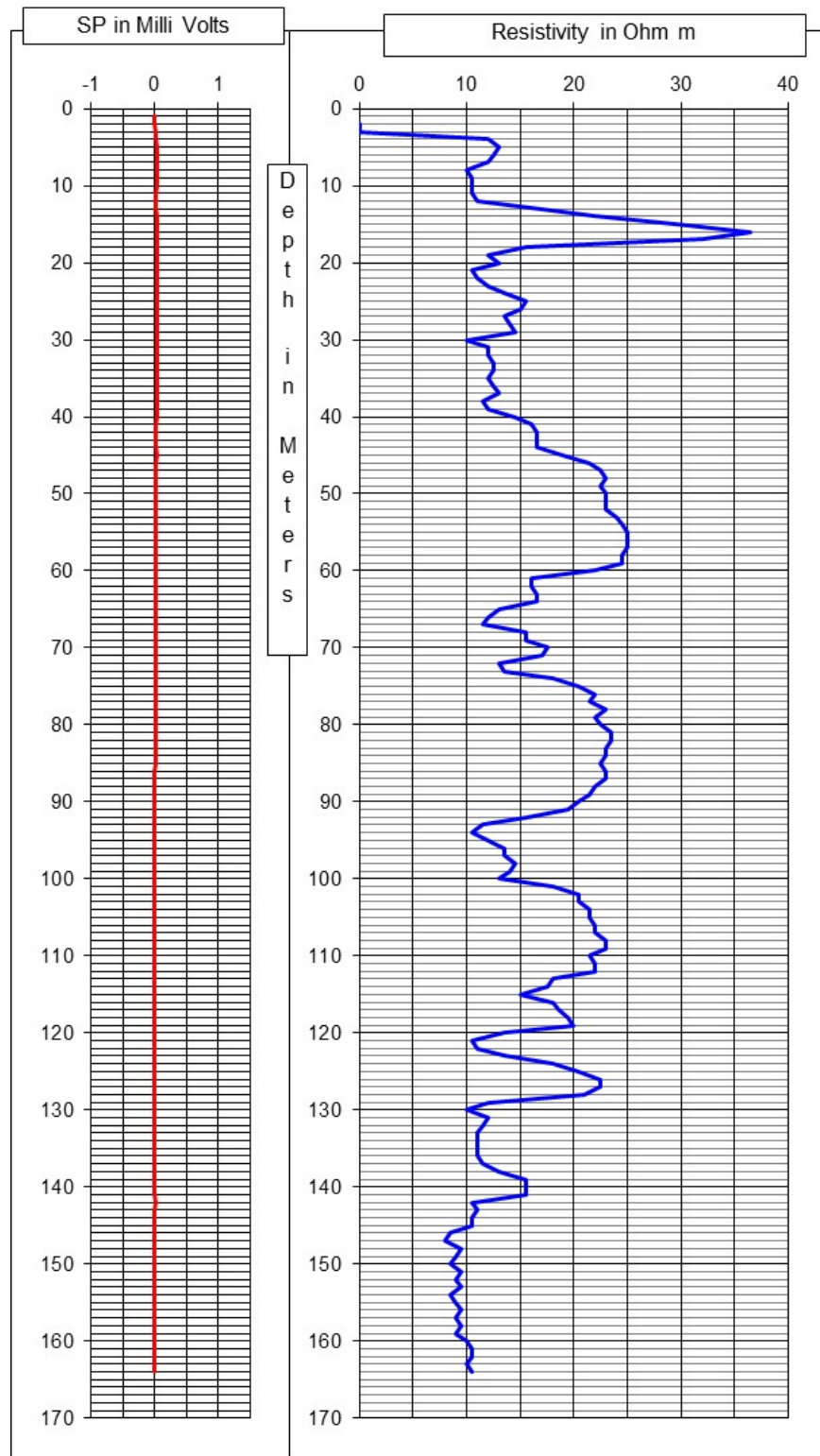
1. The litholog inferred broadly tallies with that of the well-site litholog.
2. The zones marked with an asterisk (*) appear to be Aquifer Zones for possible development of tubewell.
3. As per the thickness of the Aquifer the expected discharge is 50,000 LPH to 60,000 LPH.
4. Water Level is 35 m below ground level.
5. The Quality of the water is good. However, it is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.
6. The shallow aquifers are also recommended for development to get good quantity of water.
7. *All projections and recommendations are subject to the inherent limitations of the technique employed and there could be variations as the underground conditions are not always amenable to physical interpretations.*

for Global Groundwater Consultants



Chief Executive

SP and Resistivity Curves



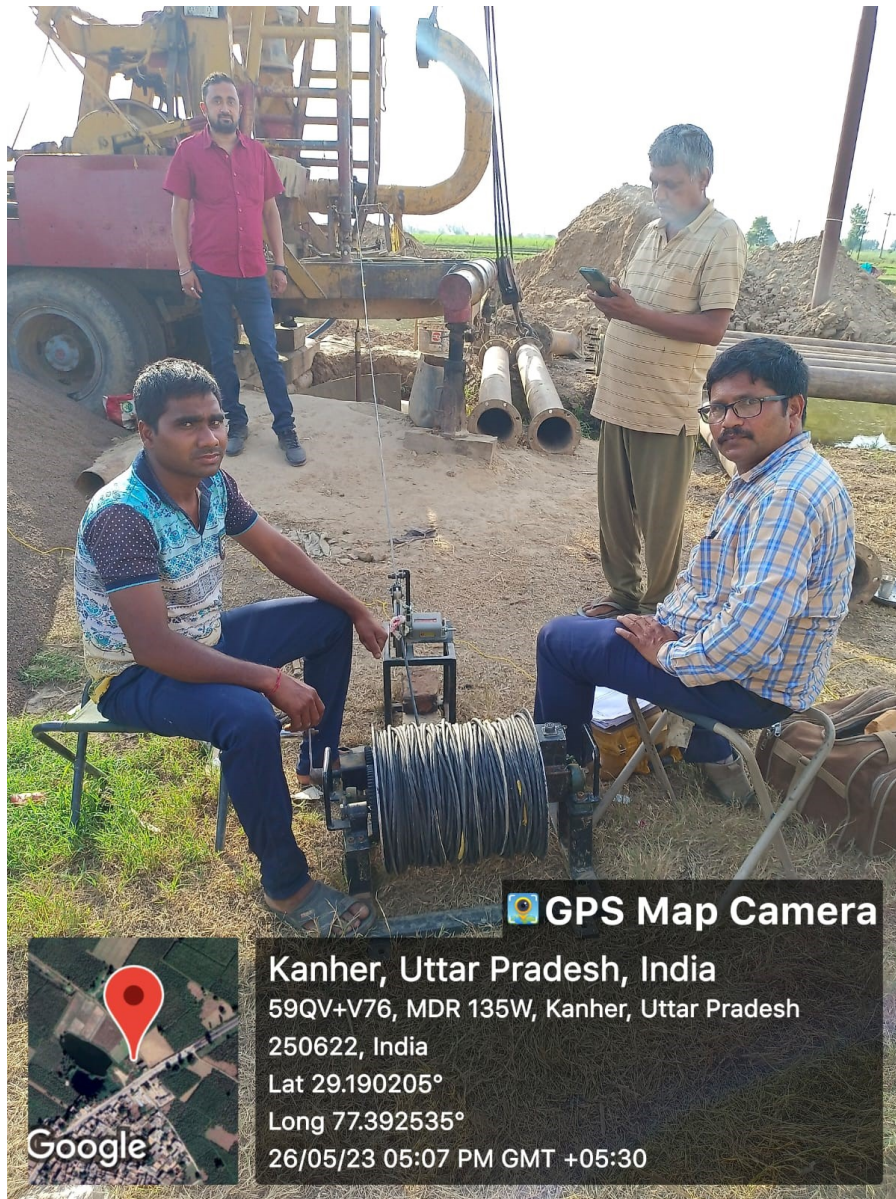


Photo of the Site at the time of Logging