



Logging at : Village Makhar, Binauli, Bhagpat, U.P.

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REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

At
Village: Makhar, Block : Binauli
Bhagpat, Uttar Pradesh

Introduction:

A deep borehole 142m (465 Feet) was drilled by working agency *M/s. L.C.Infra Projects Private Limited, Bhagpat, U.P.*, as a part of their scope of work of development of tubewell under Jal Jeevan Mission Project of SWSM, GGWC conducted a Geophysical Resistivity logging in the above borehole using IGIS's Logger dated on 19th April, 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 - 18	Fine sand	
18 - 22	Clay	
22 - 27*	Medium sand	Good
27 - 43	Clay with kankar	
43 - 50*	Fine sand	Good
50 - 85*	Medium sand	Good
85 - 97	Clay with kankar	
97 - 104*	Medium sand	Good
104 - 112*	Fine sand	Good
112 - 142	Clay with kankar	

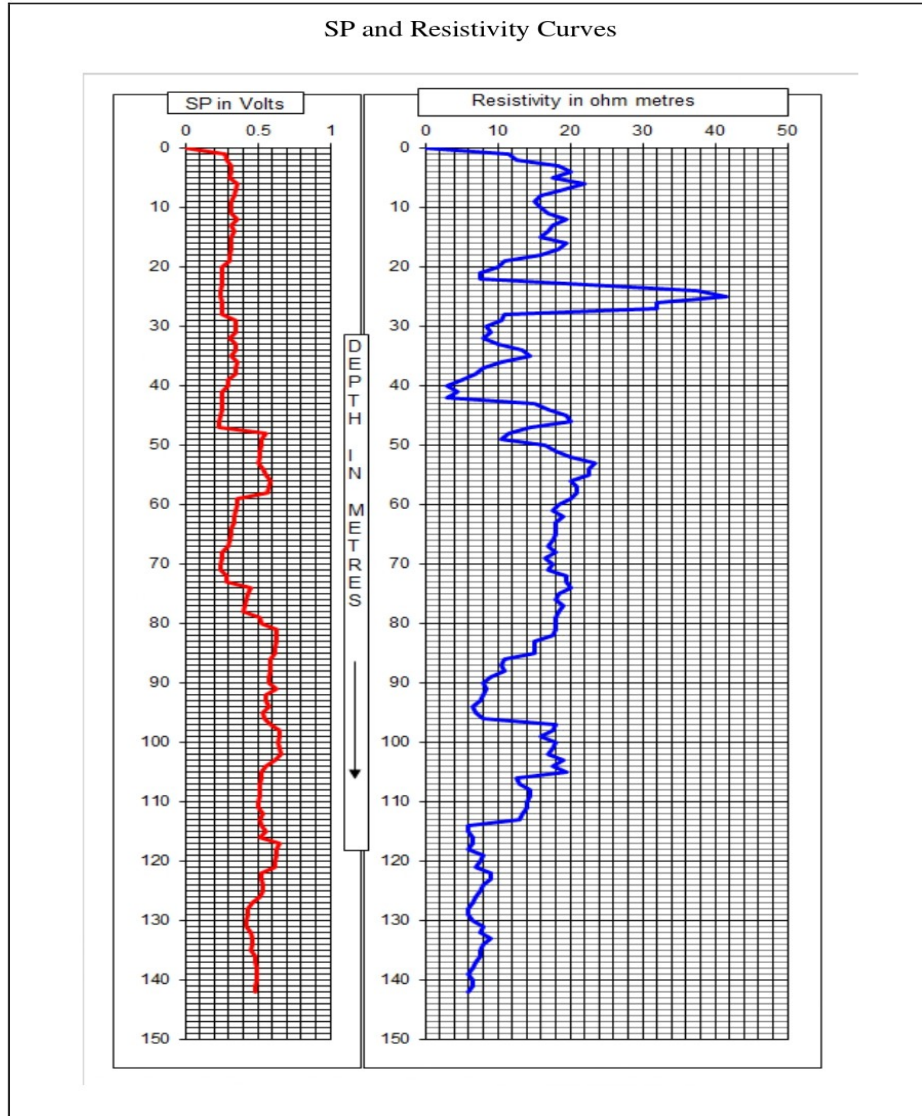
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Fig 6 Water logging Report



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Fig 7 Logging Graph