



GEO – TECHNICAL CONSULTANT

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REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

Introduction :

A Deep bore hole was drilled 275 mtrs. depth, and Logged depth 267 mtrs. at above site. Was drilled by M/s Vindha telelinks Limited, Gaja Engineering Pvt. Ltd. (JV)

On the request of M/s Vindha telelinks Limited, Gaja Engineering Pvt. Ltd. (JV)

A Geophysical well Logging in the above bore hole using IGIS Well Logger on 14 Aug 2024

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 09 27 Ohms

Drilling Water Resistivity = 10 90 Ohms

Approx Water Level = 6 Mtr

S No	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	10 - 20	10	Medium sand	Good
2.	29 - 35	6	Medium sand	Good
3.	115 - 126	11	Fine to Medium sand & kan	Good
4.	131 - 137	6	Fine to Medium sand & kan	Good

- Note : 1. Please ensure pre-monsoon water level before lower the well assembly
2. Quality Of Ground water is deteriorating Marginally saline in between 40-55, 65-70, 91-107 Mtr bgl
3. Clay kankar is present in depth range 5-9, 21-20, 36-40, 56-64, 71-90, 100-114, 127-130, 146 Mtr bgl to till depth logged.

Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant

Authorised Signatory