



SURYA BOREWELL & TRADERS

Address – Sikandra, Kanpur Dehat

Ref No: - 18-12-10 SURYA/2023

Date: 10 Dec 2023

GEOPHYSICAL WELL LOGGING REPORT

General Description (As reported)

Site Location : Vill – GUJEPUR, Block – BILHAUR
District : KANPUR NAGAR
Drilled Depth : 350 mts
Borehole drilled by : VTL Gaja Engineering Pvt Ltd
Logged Depth : 348 mbgl
Date of Logging : 09 Dec 2023, 1416 hrs
Rm : 24.2 Ω -m
Rsw : 19.8 Ω -m

Based on interpretation of presented geophysical logs (Self Potential S.P., Short Normal N16", Long Normal N64" and Lateral 6'), the location of comparatively suitable granular zones is as mentioned below –

Ser No	Depth Range (in meter below ground level)		Thickness (in meter)	Remark (Quality of formation water) (as appear)
	From	To		
1	25	39	14	Good
2	40	48	08	Good to Moderate
3	60	70	10	Good
4	75	89	14	Good
5	90	95	05	Good
6	105	116	11	Good
7	120	133	13	Good

Note: -

The interpretation of mentioned geophysical logs reveals that-

1. The granular zone contains fine sediments with kanker as per the data given in the table.
2. Granular zones other than mentioned above are either highly mixed with clay kanker or very fine.
3. Below 140 mbgl till logged depth i.e. 348 mbgl, quality of formation water appears to be saline.

Presented E Log Interpreted by

(R. K. Bajpai)



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