

GEO-PHYSICAL WELL **ELECTROLOGGING REPORT**

Ref No-28-02-43/SURYA/2024

Date- 28 Feb 2024



Borehole Drilled By-
Hetvi Construction LLP
Amethi

Log Report By-
Surya Borewell & Traders,
Sikandra, Kanpur Dehat



SURYA BOREWELL & TRADERS

Address – Sikandra, Kanpur Dehat

Ref No: -28-02-43/ SURYA/2024

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GEOPHYSICAL WELL LOGGING REPORT

Site Description

Site Location : Gauripur
Block : Gauri Ganj
District : Amethi
Drilled Depth : 315 m bgl
Logged Depth : 315 m bgl
Date of Logging : 27 Feb 2024, 21:34 hrs
Rm & Rsw : 11.20 Ω -m & 12.30 Ω -m
Lat. & Long : 26.250042 & 81.692942

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

S.No	Depth Range (in meter below ground level)		Thickness (in meter)	Remark (Quality of formation water) (as appear)
	From	To		
1.	32	41	09	Good to Moderate
2.	149	153	03	Good to Moderate
3.	160	169	09	Good to Moderate
4.	200	212	12	Good
5.	219	225	06	Good
6.	241	247	06	Good
7.	250	256	06	Good
8.	274	283	09	Good
9.	296	305	09	Good

Note: -The interpretation of mentioned geophysical logs reveals that-

1. Every 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. Quality of formation water at depth rang (41-149) & (169-219) m bgl quality of formation water up to logging depth is saline/Marginally deteriorated.
4. Log data Attached.

Geophysical Log Interpreted by

Rajeev Kumar

(Rajeev Kumar)

Geo-Physicist/Geo-Scientist



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