



SURYA BOREWELL & TRADERS

Address – Sikandra, Kanpur Dehat

Ref No: - 01-02-03/ SURYA/2024

Date: 01 Feb 2024

GEOPHYSICAL WELL LOGGING REPORT

General Description (As reported)

Site Location : Vill – Bhusailiya Block – Hariyasatghrwa
District : Balrampur
Drilled Depth : 275 m bgl
Borehole drilled by : Dara Eco Protection (JV) Balrampur.
Logged Depth : 275 m bgl
Date of Logging : 31 Jan 2024, 23:40 hrs
Rm & Rsw : 14.20 Ω -m & 15.30 Ω -m
Lat. & Long. : 27.560263 & 82.114733.

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.	11	44	33	Good
2.	52	68	6	Good
3.	64	76	12	Good
4.	91	97 ✓	6	Good
5.	102	117 ✓	15	Good
6.	130	139 ✓	9	Good
7.	151	160 ✓	9	Good
8.	169	187	18	Good
9.	208	241	33	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. (252-275) m bgl Clay with Kankar.
4. Log Data Attached.

Geophysical Log Interpreted by

(Signature)

(Rajeev Kumar)

Geophysicist/Geo-Scientist

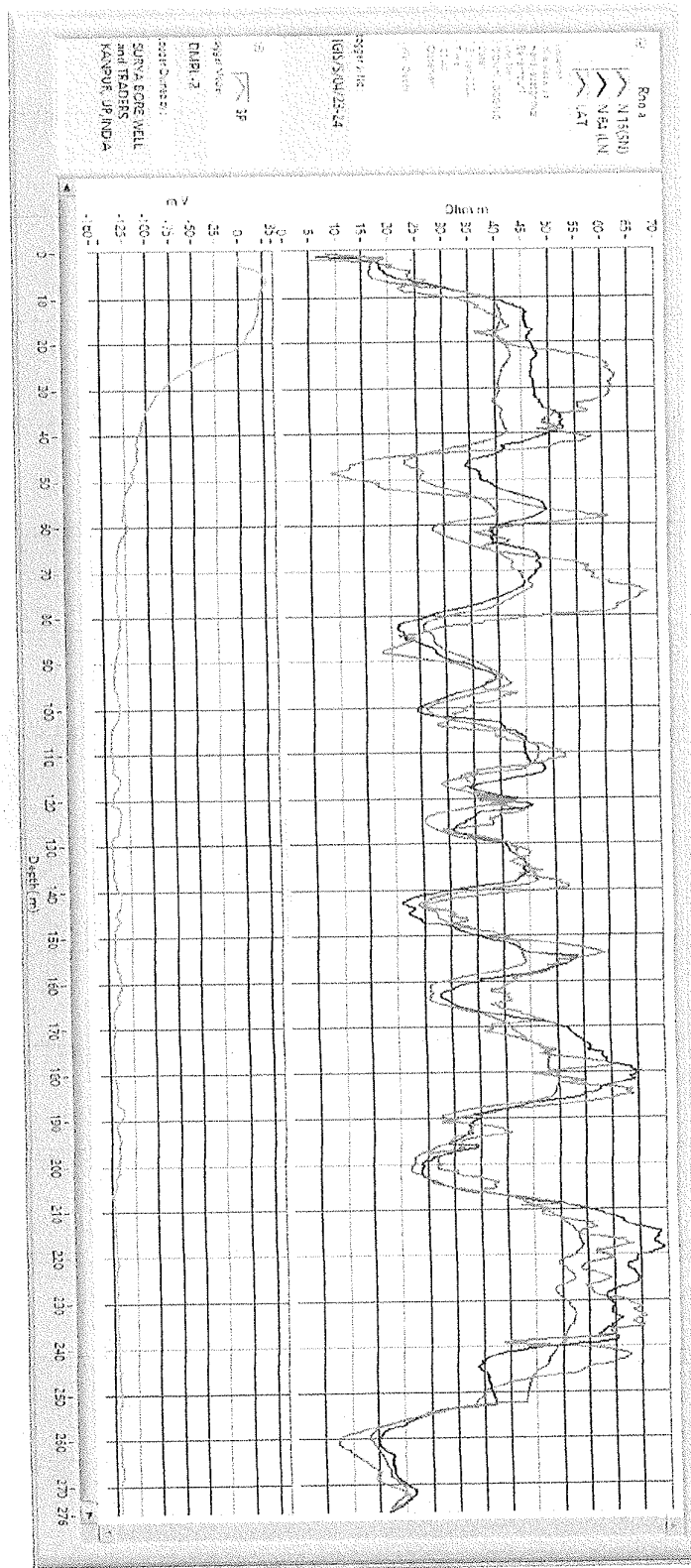
M. Sc (Tech) Geophysics

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