

GEO-PHYSICAL WELL **ELECTROLOGGING REPORT**

Ref No- 22-12-31 /SURYA/2023

Date- 27 Dec 2023



Borehole Drilled By-
Welspun India Ltd

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



SURYA BOREWELL & TRADERS

Address – Sikandra, Kanpur Dehat

Ref No: - 22-12-31/ SURYA/2023

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GEOPHYSICAL WELL LOGGING REPORT

General Description (As reported)

Site Location : Sarain Vikram, Block- Ramnagar
District : Jaunpur
Drilled Depth : 340 m bgl
Borehole drilled by : Welspun India Ltd.
Logged Depth : 330 m bgl
Date of Logging : 26 Dec 2023, 15:24 hrs
Rm & Rsw : 15.0 Ω -m & 18.2 Ω -m
Lat. & Long : 26.2644 & 82.5413

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 –

Ser No	Depth Range (in meter below ground level)		Thickness (in meter)	Remark (Quality of formation water) (as appear)
	From	To		
1.	7	12	5	Good
2.	29	36	7	Good
3.	94	103	9	Good
4.	116	120	4	Good
5.	160	166	6	Good
6.	173	184	11	Good
7.	198	204	6	Good
8.	218	230	12	Good
9.	242	248	6	Good
10.	258	262	4	Good
11.	272	275	3	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. At depth range (37-97) m bgl, (104-115) m bgl & (121-140) m bgl quality of formation water appears to be saline in nature.
4. Log data Attached.

Geophysical Log Interpreted by

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Geophysicist

M. Sc (Tech) Geophysics

