



SURYA BOREWELL & TRADERS

Address – Sikandra, Kanpur Dehat

Ref No: - 13-01-13/ SURYA/2024

Date: 13 Jan 2024

GEOPHYSICAL WELL LOGGING REPORT

General Description (As reported)

Site Location : Vill – Shri Nagar Parsawa Block – Haraiya Satghrw1
District : Balrampur
Drilled Depth : 271 m bgl
Borehole drilled by : Dara Eco Protection (JV) Balrampur.
Logged Depth : 271 m bgl
Date of Logging : 12 Jan 2024, 12:31 hrs
Rm & Rsw : 16.3 Ω -m & 18.40 Ω -m
Lat. & Long. : 27.671829 & 82.155423.

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.	41	47	6	Good
2.	50	53	3	Good
3.	56	59	3	Good
4.	66	69	3	Good
5.	74	83	9	Good
6.	97	100	3	Good
7.	105	108	3	Good
8.	118	122	4	Good
9.	136	145	9	Good
10.	165	171	6	Good
11.	190	194	4	Good
12.	203	208	5	Good
13.	221	230	9	Good
14.	249	261	12	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 up to logging depth is Good.
4. Log data Attached.

Geophysical Log Interpreted by

Rajeev Kumar

(Rajeev Kumar)

Geophysicist

M. Sc (Tech) Geophysics

Seen

Seen

SW