



SURYA BOREWELL & TRADERS

Address - Sikandra, Kanpur Dehat

Ref No: - 17-01-18/ SURYA/2024

Date: 17 Jan 2024

GEOPHYSICAL WELL LOGGING REPORT

General Description (As reported)

Site Location : Vill - Tavnkalpur Nagara Block - Kadipur
 District : Sultanpur
 Drilled Depth : 400 m bgl
 Borehole drilled by : VTL GAJA ENGINEERING PVT LTD.
 Logged Depth : 397 m bgl
 Date of Logging : 15 Jan 2024, 15:51 hrs
 Rm & Rsw : 17.3 Ω -m & 16.2 Ω -m
 Lat. & Long. : 26.135545 & 82.441360

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.	10	19	09	Good
2.	32	41	09	Good
3.	50	56	06	Good
4.	74	89	15	Good
5.	107	110	03	Good to Moderate
6.	122	128	06	Good to Moderate
7.	227	231	04	Good To Moderate
8.	255	261	06	Good
9.	268	271	03	Good
10.	292	298	06	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. Granular zones (29-34) m bgl & (36-45) m bgl are intermixed with thin layer of kanker.
4. At depth range (128-227) & (231-255) m bgl, quality of formation water appears to be marginally deteriorated (299-397) m bgl quality of formation water appears to saline.
5. Logging data attached.

Presented E Log Interpreted by

Rajeev Kumar

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