



SURYA BOREWELL & TRADERS

Address - Sikantra, Kanpur Dehat

Ref No: - 13-02-23/ SURYA/2024

Date: 13 Feb 2024

GEOPHYSICAL WELL LOGGING REPORT

Site Location : Vill - Andaraypur, Block - Kadipur
 District : Sultanpur
 Drilled Depth : 400 m bgl
 Borehole drilled by : Maisur Projects Ltd.
 Logged Depth : 394 m bgl
 Date of Logging : 12 Feb 2024, 17:25 hrs
 Rm & Rsw : 16.30 Ω -m & 15.30 Ω -m
 Lat. & Long. : 26.191858 & 82.37366

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.	23	38	15	Good
2.	53	62	09	Good
3.	73	79	06	Good
4.	101	110	09	Good to Moderate
5.	119	125	06	Good to Moderate
6.	204	208	04	Good
7.	212	218	06	Good
8.	224	230	06	Good to Moderate
9.	234	243	09	Good to Moderate
10.	251	266	15	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. At depth range (79-101), (110-119) & (125-204) m bgl, quality of formation water appears to be saline/marginally deteriorated.
4. Logging data Attached.

Presented E Log Interpreted by

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