

SURYA BORWELL & TRADERS

Address- Mahmudpur Buzurg, Sikandra, kanpur Dehat

Ref.- 62-10-07/SURYA/2023-24

Date... 07.10.2023

GEOPHYSICAL WELL LOGGING REPORT**General Description (as reported)**

Village : PAKHANPUR
 Block : KUREBHAR
 District : SULTANPUR
 Date of Logging : October 07, 2023
 Logged Depth : 297 mts.
 Borehole Drilled By : VTL GAJA ENGINEERING LTD., SULTANPUR, U.P.
 Borehole Logged By : Surya Borewell & Traders
 Drilled Depth : 316 mts. (as reported)
 Rm : 11.7 Ω -m
 Rsw : 16.3 Ω -m

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 are as mentioned below -

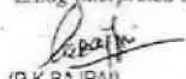
S. no.	Depth Range (in meter below ground level)		Thickness (in meter)	Remark (Quality of formation water)
	From	To		
1	16	23	07	Good
2	29	33	04	Good
3	35	42	07	Good
4	44	46	02	Good
5	67	79	12	Good
6	87	93	06	Good

Note :-

The interpretation of mentioned geophysical logs reveals that -

1. The granular zones contain fine sediments and intermixed with kanker as per the data given in the table.
2. Below 115 mts. to logged depth quality of formation water appears to be deteriorated.
3. Granular zones other than mentioned above are either highly mixed with clay kanker or very fine sediments.

E. Log Interpreted by



(R.K. BAJPAI)
 Hydrologist & Ground Water Consultant,
 Retired from Irrigation Department, Uttar Pradesh.

