

# SURYA BORWELL & TRADERS

Address- Mahmudpur Buzurg, Sikandra, Kanpur Dehat

Ref. : 06-11-27 /SURYA/2023-24

Date : 27.11.2023

## GEOPHYSICAL WELL LOGGING REPORT

### General Description (as reported)

Village : ROOP NAGAR  
 Block : TULSIPUR  
 District : BALRAMPUR  
 Borehole Drilled By : LNT.PROJECT LTD.BALRAMPUR  
 Drilled Depth : 275 mts. (as reported)  
 Borehole Logged By : Surya Borewell & Traders, Kanpur Dehat  
 Logged Depth : 271 mbgl.  
 Date of Logging : November 27, 2023; 17:32  
 Rm : 14.9  $\Omega$ -m  
 Rsw : 18.2  $\Omega$ -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) (as appear)
	From	To		
1	20	40	20	Good
2	41	50	09	Good
3	51	63	12	Good
4	64	81	17	Good
5	82	100	18	Good
6	101	140	39	Good
7	141	159	18	Good
8	160	170	10	Good
9	171	183	12	Good
10	184	202	18	Good
11	203	231	28	Good

### Note :-

The interpretation of mentioned geophysical logs reveals that -

1. The granular zones contain fine sediments with kanker as per the data given in the table.
2. Presences of kanker/pebbles are abundance in above mentioned groups dominated.
3. Below 232 mbgl to 271 mts.aer highly inter mixed with kanker and thin layers of clay.
4. Proper development of well by air compressor and O.P. Unit is required to avoided omitting of sand particles.

Presented E.Log Interpreted by



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

Rho a  
N 16(SN)  
N 64 (LN)  
LAT

Location: Kocshinger Tubear  
Baramour UP  
Log No.:  
Date: 26 Nov 2023  
Time: 17:32  
Observer:  
Well Depth:

Logger S/No: IGIS/S/04/23-24

Logger Model: DMP-2  
SP

Logger Owned by: SURYA BORE WELL and TRADERS KANPUR, UP, INDIA

