

SURYA BOREWELL & TRADERS

Address- Mahmudpur Buzurg, Sikandra, Kanpur Dehat

Ref. : 186-12-02/SURYA/2023-24

Date : 02.12.2023

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

Village : KARANPUR
 Block : SURATGANJ
 District : BARABANKI
 Borehole Drilled By : BALA JI BOREWELL
 Drilled Depth : 165 mts. (as reported)
 Borehole Logged By : Surya Borewell & Traders, Kanpur Dehat
 Logged Depth : 165 mbgl.
 Date of Logging : December 02, 2023; 20:41
 Rm : 16.9 Ω -m
 Rsw : 18.5 Ω -m

Based on interpretation of presented geophysical logs, (Self Potential S.P., Short Normal N16", Long Normal N64" and Lateral 6') (Borehole logged & information (i.e. logs etc.) provided by Surya Borewell & Traders, Kanpur Dehat), 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	10	16	06	Good
2	17	25	08	Good
3	26	45	19	Good
4	46	60	14	Good
5	61	75	14	Good
6	76	92	16	Good
7	91	110	19	Good
8	110	120	10	Good
9	121	130	11	Good
10	131	142	11	Good

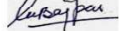
Note :-

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. Below 234 mbgl the drilled logged depth quality of formation highly inter mixed with kanker and thin layers of cl

Presented E. Log Interpreted by

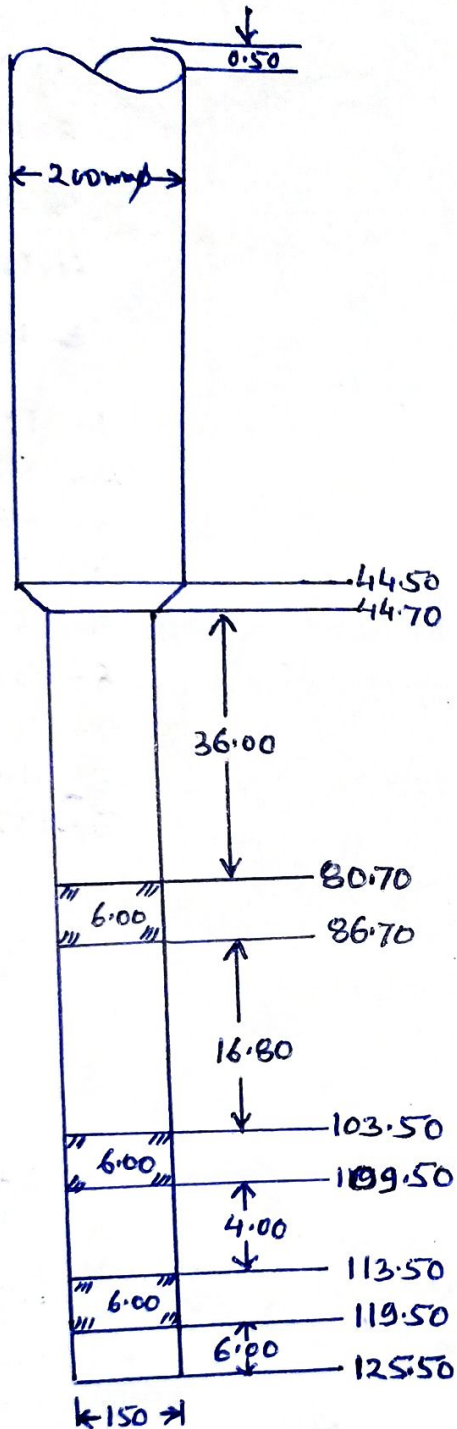


(R.K. BAJPAI)

Hydrologist & Ground Water Consultant,
Retired from Irrigation Department, Uttar Pradesh

Proposed Tw Assembly chart of Karanpur w/s scheme block suratganj

Distr- Barabanki



1- Discharge - 140 LPM

2- Motor HP - 7.5 HP

3- Assembly size - 200 X 150

4- Bore ϕ = 500 X 450mm

5- Logging Report dt. 2/2/23

1- 10 - 16 = 6 good

2- 17 - 25 = 8 good

3- 26 - 45 = 19 good

4- 46 - 60 = 14 good

5- 61 - 75 = 14 good

6- 76 - 92 = 16 good

6- 7- 91 - 110 = 19 good

6- 8- 110 - 120 = 10 good

6- 9- 121 - 130 = 11 good

10- 131 - 142 = 11 good