

SURYA BORWELL & TRADERS

Address- Mahmudpur Buzurg, Sikandra, Kanpur Dehat

Ref.- 36-09-24/SURYA/2023-24

GEOPHYSICAL WELL LOGGING REPORT Date, 24.09.2023

Village : JAGRAO SAWANPUR
 Block : DARIYABAD
 District : BARABANKI
 Date of Logging : September. 24, 2023
 Logged Depth : 165 mbgl.
 Borehole Drilled By : MEGHA ENGINEERING & INFRASTRUCTURE LTD.
 Drilled Depth : 170 mts. (as reported)
 Rm : 9.5 Ω -m
 Rsw : 12.3 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	22	30	08	Good
2	37	43	06	Good
3	45	51	06	Good
4	53	60	07	Good
5	69	79	10	Good
6	82	91	09	Good
7	95	103	08	Good
8	110	114	04	Good
9	124	133	09	Good
10	138	147	09	Good
11	150	154	04	Good

Note :-

The interpretation of mentioned geophysical logs reveals that

1. The granular zones contain fine sediments inter-mixed 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 sediments.

for Surya Borwell & Traders,



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



File a
N16 (S)
N16 (N)
LAT

Logging Details
Geological
SONO 105348
23 Jan 2023
11:03

Logger Name:
(G)/S/CM/23/24

Logger Model:
DMPL-2

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

