

Rahadia Grp w/o Scheme Under JIM Programme.
Block-Klazinganj Distt-Budeln

Strata As Per Logger -

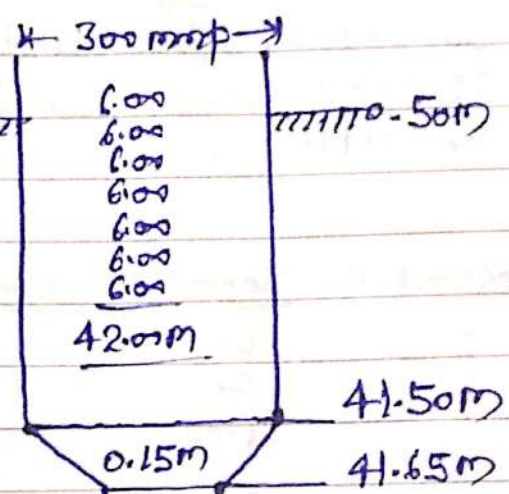
D-140m (600x500) mmφ
 L-130m (300x200) mmφ

Dt-23/11/2022
Discharge-1584LPM
40m Head 25HP

68-100m - Medium Sand
 110-120m - Medium Sand

300mmφ (H.P) 200mmφ (P.P) 200mmφ (S.P)

6.00	6.00	6.00
6.00	6.00	6.00
6.00	6.00	6.06
6.00	6.00	6.06
6.00	4.50	6.06
6.00	4.00	6.06
6.00	6.00	
<u>42.00m</u>	<u>5.90</u>	<u>30.18m</u>
	2.00	
	6.00	
	<u>52.40m</u>	



6.00	15	
6.00	14	
6.00	13	
6.00	12	
4.50	11	70.15m
6.00		
6.00		82.15m
4.00	8	86.15m
6.06		
6.06		98.27m
6.00	5	
5.90	4	
2.00	3	112.17m
6.06		
6.00		118.23m
6.00		124.23m

300mmφ (H.P) = 42.00m
 200mmφ (P.P) = 52.40m
 200mmφ (S.P) = 30.18m
 (300x200)mmφ Red = 0.15m
Total = 124.73m

A.G.L = 0.50m
 B.G.L = 124.23m
Total = 124.73m

APRIL

MAY

JUNE

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:- 102

Date:- 20-11-2022

NAME OF SITE

Gram Panchayat- Raharia

BLOCK- Wazirganj

DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



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ISO ; 9001 : 2015

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REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- RAHARIA, BLOCK- WAZIRGANJ, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 140 mtrs. depth. and Logged depth 140 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badaun.

On the request of M/S PNC-SPML-JV, Badaun. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 20.Nov.2022.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major equifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 18	13	Dry sand	
3.	18 - 25	7	Clay kankar	
4.	25 - 39	14	Medium sand	
5.	39 - 60	21	Clay kankar	Good
6.	60 - 65*	5	Medium sand	
7.	65 - 68	3	Clay kankar	Good
8.	68 - 100*	32	Medium sand	
9.	100 - 110	10	Clay kankar	Good
10.	110 - 120*	10	Medium sand	
11.	120 - 131	11	Clay kankar	Good
12.	131 - 137*	6	Medium sand	
13.	137 - 140	3	Clay kankar	Good

Conclusions and Recommendations :-

1. The Lithology broadly tallies with that of drill cutting starta chart.
2. The zones marked with asterisk (*) appear to be aquifer zones for possible development of tubewell.
3. The Quality of water is expected Good.
4. It is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.
5. All projections and recommendations are subject to the inherent limitations of the technique employed and there could be variations as the underground conditions are not always amenable to physical interpretations.

Geophysicist



Ground Water Survey Consultancy

Fig. 1
 1. 100-150
 2. 100-150
 3. 100-150
 4. 100-150
 5. 100-150
 6. 100-150
 7. 100-150
 8. 100-150
 9. 100-150
 10. 100-150

