

Navalpur Mehmoodpur Rf w/s Scheme Under JRM. Programme
Block-Scheme Distt. Budawn

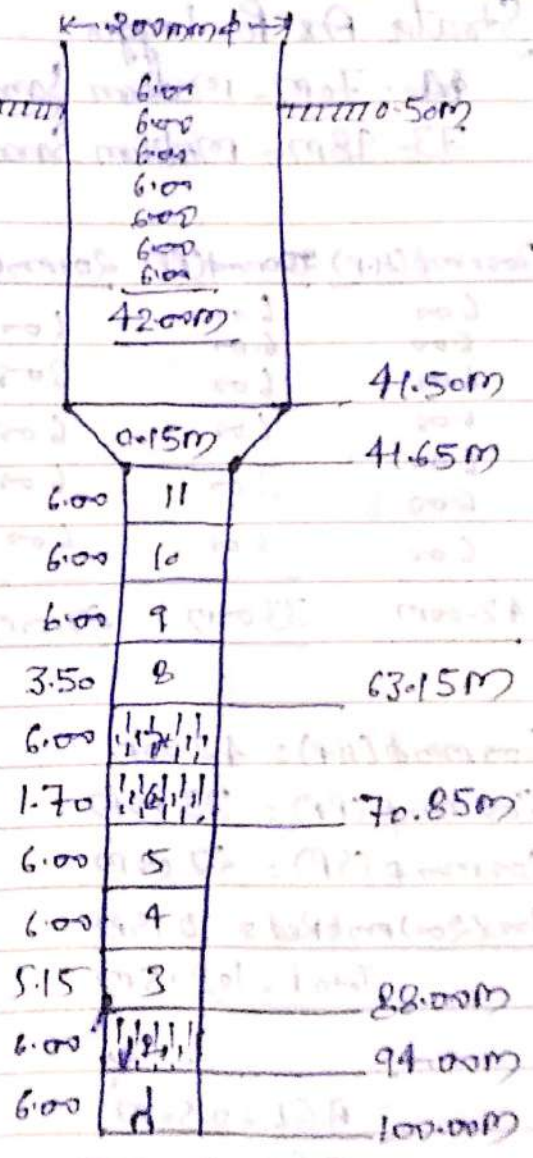
Staata Ax Per Legger -

D - 110mm (500x500)mm φ
 L - 100mm (200x150)mm φ

Date - 25/12/2022
 Discharge - 400 Lpm
 36m Head 7.5HP

62-72M - Medium Sand
 87-95M - Medium Sand

200mm φ (HP)	150mm φ (PP)	150mm φ (SP)
6.00	6.00	6.00
6.00	6.00	1.70
6.00	6.00	
6.00	3.50	6.00
6.00	6.00	
6.00	6.00	
6.00	5.15	
6.00	6.00	
42.00m	6.00	
	44.65m	



200mm φ (HP) = 42.00m
 150mm φ (PP) = 44.65m
 150mm φ (SP) = 13.70m
 (200x150)mm φ = 0.15m
 Total = 100.50m

A.G.L = 0.50m
 B.G.L = 100.00m
 Total = 100.50m

[Signature]

JUNE

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:- 442

Date:- 24-12-2022

NAME OF SITE

Gram Panchayat- Nawalpur

BLOCK- Samrer

DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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ISO ; 9001 : 2015

Ground Water Survey Consultancy
Agra

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- NAWALPUR, BLOCK- SAMRER, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 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 24.Dec.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 - 15	10	Medium sand	
3.	15 - 33	18	Clay kankar	
4.	33 - 38	5	Medium sand	Medium
5.	38 - 42	4	Clay kankar	
6.	42 - 47	5	Medium sand	Medium
7.	47 - 62	15	Clay kankar	
8.	62 - 72*	10	Medium sand	Medium
9.	72 - 80	8	Clay kankar	
10.	80 - 82	2	Medium sand	Medium
11.	82 - 87	5	Clay kankar	
12.	87 - 95*	8	Medium sand	Medium
13.	95 - 100	5	Sandy clay	
14.	100 - 106*	6	Fine to Medium sand	Medium
15.	106 - 110	4	Sandy clay	

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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 Medium.
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

