



Jal Jeevan Mission
 GP - Rooppura Block - Wazirganj District - Badaun
 AGENCY : M/S PNC SPML JV AGRA
 Tubewell Assembly Chart

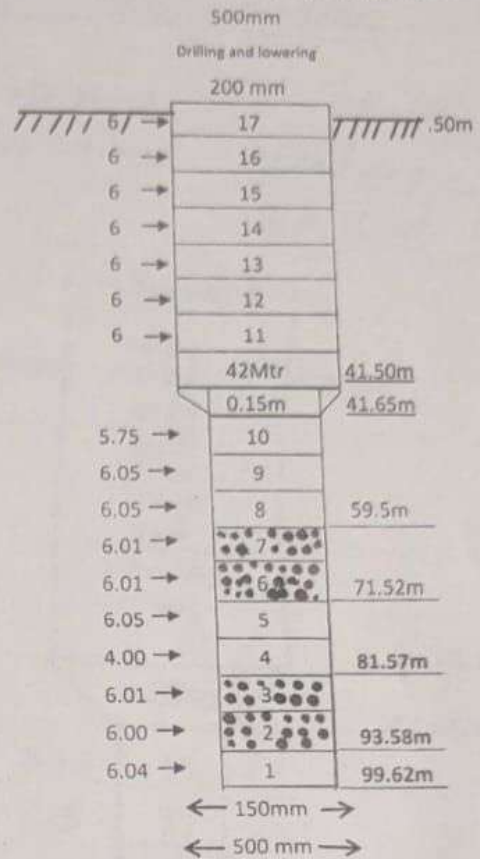


Discharge - 534 LPM

Date - 25/09/2022

S.No.	In Meter	STRATA
1	56 Mtr. - 74 Mtr.	Medium Sand
2	80 Mtr. - 95 Mtr.	Medium Sand
3	102 Mtr. - 115 Mtr.	Medium Sand

1	Reduce 300X150mm	0.15m
2	AGL	0.50m
3	BGL	99.62m
4	Total assembly lower	100.12m
5	200mm Plain MS Pipe	42.00m
6	150mm Plain MS Pipe	33.94m
7	150mm slotted Pipe	24.03m
8	500dia Drilling Depth	0-50m
9	500dia Drilling Depth	50-120m
10	Drilling Depth	120m
11	Drilling logged	120m



[Signature]
 19/10/2022
 M/S PNC INFRA TECH LTD.

M/s BLG Construction
 Third Party Inspection

[Signature]
 JE AE EE
 (E&M) U P JAL NIGAM (RURAL) MORADABAD

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTOLOGGING REPORT

Ref No:- 902

Date:- 24-09-2022

NAME OF SITE

Gram Panchayat- Rooppura

BLOCK- Wazirganj

DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

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ISO ; 9001 : 2015

Ground Water Survey Consultancy

Agra

REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 120 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.Sep.2022.

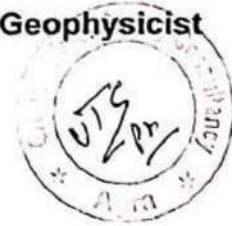
Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 14	9	Dry sand	
3.	14 - 17	3	Clay	
4.	17 - 25	8	Fine sand	
5.	25 - 28	3	Clay	
6.	28 - 53*	25	Medium sand	Good
7.	53 - 56	3	Clay kankar	
8.	56 - 74*	18	Medium sand	Good
9.	74 - 80	6	Clay kankar	
10.	80 - 95*	15	Medium sand	Good
11.	95 - 102	7	Clay kankar	
12.	102 - 115*	13	Medium sand	Good
13.	115 - 120	5	Clay Kankar	

Conclusions and Recommendations :-

1. The Lithology broadly tallies with that of drill cutting strata 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

