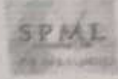




Jal Jeevan Mission  
 GP - Rota Block - Wazirganj District - Badaun  
 AGENCY : M/S PNC SPML JV AGRA  
 Tubewell Assembly Chart



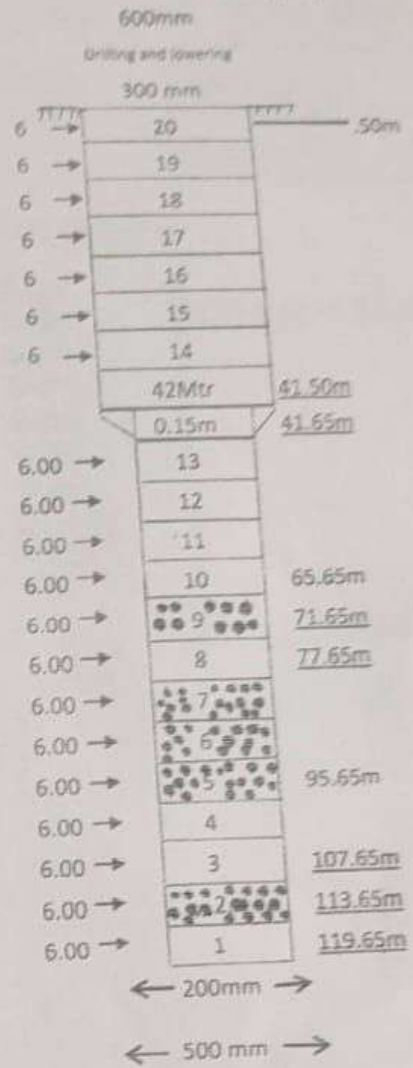
Discharge - 1167 LPM

Date - 23/09/2022

S.No.	In Meter
1	49 Mtr. - 55 Mtr.
2	64 Mtr. - 98 Mtr.
3	105 Mtr. - 115 Mtr.

STRATA
Medium Sand
Medium Sand
Fine to Medium Sand

1	Reduce 300X200mm	0.15m
2	AGL	0.50m
3	BGL	119.50m
4	Total assembly lower	120.15m
5	300mm Plain MS Pipe	42.00m
6	200mm Plain MS Pipe	48.00m
7	200mm slotted Pipe	30.00m
8	600dia Drilling Depth	0-50m
9	500dia Drilling Depth	50-140m
10	Drilling Depth	140m
11	Drilling logged	140m



*M/S PNC INFRATECH LTD.*  
 17/10/2022

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  
ELECTROLOGGING REPORT**

Ref No:- 481

Date:- 20/09/2022

**NAME OF SITE**

Gram Panchayat- Rota

BLOCK- Wazirganj

DISTT- Budgam

**NAME OF AGENCY**

M/n PNC-SPML-JV  
Budgam



**GROUND WATER SURVEY CONSULTANCY**  
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112 A-Three Nagar Colony, Pheezabad Road, Agra- 202006  
(M) : 9412260823, 9794625420, 9761163000, Email : gwsc\_agra@yahoo.com

**ISO : 9001 : 2015**

Ground Water Survey Consultancy

Agra

(Signature)

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- ROTA, 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.Sep.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 - 19	14	Dry sand	
3.	19 - 30	11	Clay kankar	
4.	30 - 44	14	Fine to Medium sand	Med. to Good
5.	44 - 49	5	Clay kankar	
6.	49 - 55*	6	Medium sand	Med. to Good
7.	55 - 64	9	Clay kankar	
8.	64 - 98*	34	Medium sand & Kankar	Med. to Good
9.	98 - 105	7	Clay kankar	
10.	105 - 115*	10	Fine to Medium sand	Med. to Good
11.	115 - 140	25	Clay kankar	

**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 to 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**



□

Rho a

N16 (SFC)

N6 (L10)

LAT

1999-04-15 08:15:00  
MIS: 047, D: 101, E: 101  
L: 1000, N: 0.0  
22.15, 71.45  
UNSAT: 0.00, 1.0

□

SP (mV)

