

Jal Jeevan Mission
 GP - Banei, Mai Block - Jagat, District - Badaun
 AGENCY : M/S PNC SPML JV AGRA
 Tubewell Assembly Chart

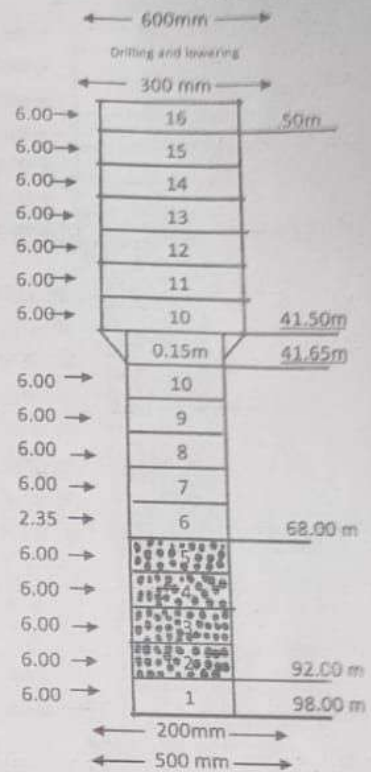
Discharge - 1084 LPM

Date - 17/01/2023

S.No.	In Meter
1	46 Mtr. - 57 Mtr.
2	87 Mtr. - 93 Mtr.
3	127 Mtr. - 135 Mtr.

STRATA
 Medium Sand
 Medium Sand
 Medium Sand

1	Reduce 300X150mm	0.15m
2	AGL	0.50m
3	BGL	98.00 m
4	Total assembly lower	98.50 m
5	200mm Plain MS Pipe	42.00 m
6	150mm Plain MS Pipe	32.35 m
7	150mm slotted Pipe	24.00 m
8	500dia Drilling Depth	0-50 m
9	500dia Drilling Depth	50-140 m
10	Drilling Depth	140 m
11	Drilling logged	140 m



M/S PNC INFRA TECH LTD.,

M/s BLG Construction

JE

AE

EE

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTOLOGGING REPORT

Ref No:- 826

Date:- 17-01-2023

NAME OF SITE

Gram Panchayat- Banei

BLOCK- Shalarpur

DISTT- Budaun

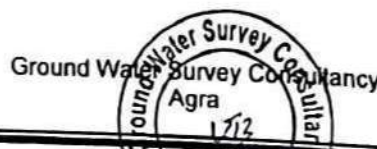
NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



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ISO ; 9001 : 2015



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BANEI, BLOCK- SHALARPUR, DISTT.- BUDAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 140 mtrs. depth. and Logged depth 135 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 17.Jan.2023.

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:-

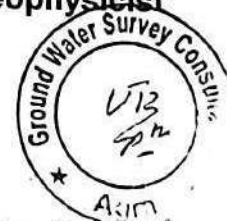
S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 18	13	Dry sand	
3.	18 - 28	10	Clay kankar	
4.	28 - 44	16	Medium sand & kankar	Good
5.	44 - 46	2	Clay kankar	
6.	46 - 57*	11	Medium sand	Good
7.	57 - 67	10	Clay kankar	
8.	67 - 93*	26	Medium sand	Good
9.	93 - 127	34	Clay kankar	
10.	127 - 135*	8	Medium sand	Good



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

Rho a
 M16 (SR)
 M6 (LH)
 LAT

SP (m V)

