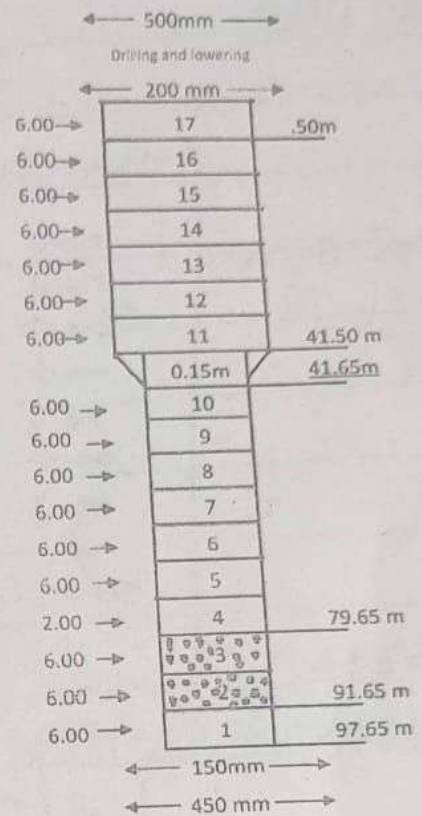


Jal Jeevan Mission
 GP - Kudha Narsinghpur, Block - Ujhani, District - Badaun
 AGENCY : M/S PNC SPML JV AGRA
 Tubewell Assembly Chart

Discharge - 417 LPM

Date - 01/04/2023

S.No.	In Meter	STRATA
1	61 Mtr. - 68 Mtr.	Fine & Med Sand
2	77 Mtr. - 102 Mtr.	Medium Sand



1	Reduce 200X150mm	0.15 m
2	AGL	0.5 m
3	BGL	97.65 m
4	Total assembly lower	98.15 m
5	200mm Plain MS Pipe	42.00 m
6	150mm Plain MS Pipe	44.00 m
7	150mm slotted Pipe	12.00 m
8	500dia Drilling Depth	0-50 m
9	450dia Drilling Depth	50-110 m
10	Drilling Depth	110 m
11	Drilling logged	110 m

A. Fatma
 M/S PNC INFRA TECH LTD.

Prish
 M/S BLG Construction
 Third Party Inspection

[Signature]
 IE 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:-A-586

Date:- 31-03-2023

NAME OF SITE

GRAM PANCHAYAT- Kudha Narsinghpur BLOCK- Ujhani 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



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KUDHA NARSINGHPUR, BLOCK- UJHANI, 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 31.Mar.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 - 10	5	Clay kankar	
3.	10 - 15	5	Dry sand	
4.	15 - 20	5	Clay kankar	
5.	20 - 26	6	Fine sand	
6.	26 - 30	4	Clay kankar	
7.	30 - 46	16	Fine to Medium sand	Medium
8.	46 - 61	15	Clay kankar	
9.	61 - 68*	7	Fine to Medium sand	Medium
10.	68 - 77	9	Clay kankar	
11.	77 - 102*	25	Medium sand & kankar	Medium
12.	102 - 105	3	Clay kankar	
13.	105 - 108*	3	Fine to Medium sand	Medium
14.	108 - 110	2	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 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

No. 3
 N16 (SN)
 NS40(LN)
 LAT

Date of Survey
 Name of Project
 Name of Client
 Name of Surveyor
 Name of Station
 Name of Area

SP (mV)

