

Grangapur G.P w/s Scheme Under TJM Programme.
Block-Sahaywan Distt Budauin

D - 110m (500 x 500) mm ϕ

L - 100m (200 x 150) mm ϕ

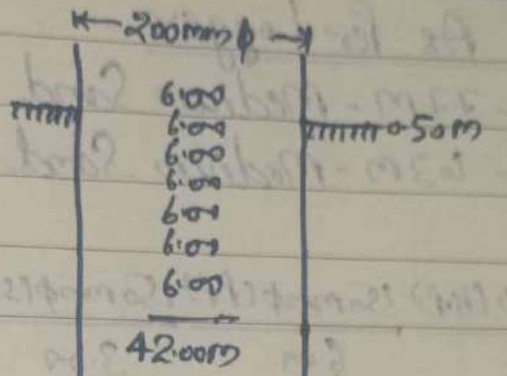
DL-22/01/2023

Discharge - 384 LPM

40m Head 7.5HP

Strata As Per Logger -

- 46-56m - medium Sand
- 60-73m - medium Sand
- 78-90m - Medium Sand



200mm ϕ (H.P)	150mm ϕ (P.P)	150mm ϕ (S.P)
6.00	6.00	6.00
6.00	6.00	6.00
6.00	6.00	3.00
6.00	2.50	6.00
6.00	6.00	3.00
6.00	2.50	
6.00	6.00	
<u>42.00m</u>	<u>35.00m</u>	<u>18.00m</u>

41.50m
41.65m
6.00 11
6.00 10
6.00 9
2.50 8
6.00 7
3.00 6
6.00 5
2.50 4
6.00 3
3.00 2
6.00 1

200mm ϕ (H.P) = 42.00m
 150mm ϕ (P.P) = 35.00m
 150mm ϕ (S.P) = 18.00m
 (200x150)mm ϕ Red = 0.15m

Total = 95.15m

A.G.L = 0.50m

B.G.L = 94.65m

Total = 95.15m

K-15mm ϕ

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTOLOGGING REPORT

Ref No:-N- 922

Date:- 21-01-2023

NAME OF SITE

Gram Panchayat- Gangapur

BLOCK- Shashwan

DISTT- Budaun

NAME OF AGENCY

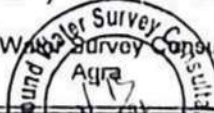
M/s PNC-SPML-JV
Badaun



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ISO ; 9001 : 2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- GANGAPUR, BLOCK- SHASHWAN, DISTT - BUDAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 117 mtrs. depth. and Logged depth 115 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 21.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 - 10	5	Fine sand	
3.	10 - 25	15	Clay kankar	
4.	25 - 37	12	Medium sand	Medium
5.	37 - 46	9	Clay kankar	
6.	46 - 56*	10	Medium sand	Medium
7.	56 - 60	4	Clay kankar	
8.	60 - 73*	13	Medium sand & kankar	Medium
9.	73 - 78	5	Clay kankar	
10.	78 - 90*	12	Medium sand	Medium
11.	90 - 112	22	Clay kankar	
12.	112 - 115*	3	Fine to Medium sand	Medium

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

Sheet No. 1
 N116 (SN)
 N424 (TU)
 LAT

Logging Details
 Logging Date: 02/21/22
 Logging Time: 11:30 AM
 Logging Location: Agra

Project No. IGES/S/02/21-22

Log Type: SP (m V)
 DIAPY-2
 Log Operator: Ground Water Survey
 Consultancy - Agra
 India

